

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087350.D
 Acq On : 17 Jul 2025 17:14
 Operator : JC\MD
 Sample : VN0717MBS01
 Misc : 5.00g/10.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 18 01:28:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.206	168	294961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	532471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	467660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	229639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	245270	49.006	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.020%		
35) Dibromofluoromethane	8.153	113	183016	49.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.660%		
50) Toluene-d8	10.547	98	675911	51.589	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.180%		
62) 4-Bromofluorobenzene	12.829	95	252504	52.164	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	65662	20.959	ug/l	96
3) Chloromethane	2.383	50	73817	18.737	ug/l	91
4) Vinyl Chloride	2.542	62	74865	19.122	ug/l	95
5) Bromomethane	2.983	94	42790	21.105	ug/l	99
6) Chloroethane	3.136	64	45715	17.904	ug/l	100
7) Trichlorofluoromethane	3.512	101	107130	18.505	ug/l	92
8) Diethyl Ether	3.965	74	45276	20.161	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	56230	18.921	ug/l	98
10) Methyl Iodide	4.577	142	67651	25.266	ug/l	98
11) Tert butyl alcohol	5.524	59	91136	95.901	ug/l	99
12) 1,1-Dichloroethene	4.336	96	58985	17.515	ug/l	94
13) Acrolein	4.177	56	69617	91.283	ug/l	97
14) Allyl chloride	5.012	41	125336m	20.565	ug/l	
15) Acrylonitrile	5.712	53	238906	92.643	ug/l	99
16) Acetone	4.424	43	197775	84.280	ug/l	97
17) Carbon Disulfide	4.701	76	183630	18.392	ug/l	95
18) Methyl Acetate	5.018	43	108469	18.398	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	252620	20.351	ug/l	98
20) Methylene Chloride	5.259	84	75800	18.707	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	68104	17.935	ug/l	89
22) Diisopropyl ether	6.665	45	249623	19.526	ug/l	98
23) Vinyl Acetate	6.595	43	1153466	103.162	ug/l	98
24) 1,1-Dichloroethane	6.553	63	135527	18.375	ug/l	98
25) 2-Butanone	7.471	43	335146	92.434	ug/l	95
26) 2,2-Dichloropropane	7.477	77	115857	20.204	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	83450	19.088	ug/l	99
28) Bromochloromethane	7.794	49	66368	18.802	ug/l	98
29) Tetrahydrofuran	7.836	42	220168	93.473	ug/l	99
30) Chloroform	7.953	83	137225	18.588	ug/l	92
31) Cyclohexane	8.241	56	128052	20.812	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	124727	19.507	ug/l	92
36) 1,1-Dichloropropene	8.353	75	95469	19.674	ug/l	98
37) Ethyl Acetate	7.547	43	131442	18.755	ug/l	98
38) Carbon Tetrachloride	8.347	117	104360	19.523	ug/l	90
39) Methylcyclohexane	9.588	83	115975	22.075	ug/l	97
40) Benzene	8.589	78	300947	19.188	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	70718	19.298	ug/l	98
42) 1,2-Dichloroethane	8.653	62	110399	18.562	ug/l	100
43) Isopropyl Acetate	8.677	43	204523	18.799	ug/l	98
44) Trichloroethene	9.336	130	71423	19.273	ug/l	96
45) 1,2-Dichloropropane	9.606	63	76803	19.273	ug/l	97
46) Dibromomethane	9.688	93	56231	18.846	ug/l	97
47) Bromodichloromethane	9.871	83	114124	18.989	ug/l	99
48) Methyl methacrylate	9.665	41	97622	19.932	ug/l	99
49) 1,4-Dioxane	9.683	88	26669	355.516	ug/l #	99
51) 4-Methyl-2-Pentanone	10.430	43	647091	94.041	ug/l	99
52) Toluene	10.612	92	184942	19.400	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	122710	20.175	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	126569	20.145	ug/l	98
55) 1,1,2-Trichloroethane	11.000	97	74818	19.386	ug/l	93
56) Ethyl methacrylate	10.859	69	125912	20.177	ug/l	97
57) 1,3-Dichloropropane	11.147	76	130529	19.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	333252	105.261	ug/l	100
59) 2-Hexanone	11.177	43	443099	97.059	ug/l	98
60) Dibromochloromethane	11.341	129	84730	19.250	ug/l	99
61) 1,2-Dibromoethane	11.447	107	78795	19.417	ug/l	93
64) Tetrachloroethene	11.088	164	57862	19.224	ug/l	93
65) Chlorobenzene	11.871	112	207301	19.744	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	70991	19.885	ug/l	99
67) Ethyl Benzene	11.947	91	351334	20.327	ug/l	99
68) m/p-Xylenes	12.053	106	266983	41.250	ug/l	98
69) o-Xylene	12.377	106	130884	21.170	ug/l	99
70) Styrene	12.394	104	216849	20.850	ug/l	97
71) Bromoform	12.559	173	56346	19.536	ug/l #	95
73) Isopropylbenzene	12.677	105	348075	24.083	ug/l	99
74) N-amyl acetate	12.506	43	115459m	19.227	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	111871	20.571	ug/l	96
76) 1,2,3-Trichloropropane	12.976	75	97307m	18.897	ug/l	
77) Bromobenzene	12.959	156	81529	21.751	ug/l	98
78) n-propylbenzene	13.018	91	403767	22.204	ug/l	99
79) 2-Chlorotoluene	13.106	91	243305	21.771	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	282690	22.956	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	41393m	21.994	ug/l	
82) 4-Chlorotoluene	13.200	91	250643	21.542	ug/l	98
83) tert-Butylbenzene	13.418	119	244321	23.755	ug/l	98
84) 1,2,4-Trimethylbenzene	13.465	105	291495	23.179	ug/l	96
85) sec-Butylbenzene	13.594	105	354757	22.899	ug/l	100
86) p-Isopropyltoluene	13.706	119	295597	23.809	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	152573	20.740	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	153935	19.592	ug/l	97
89) n-Butylbenzene	14.035	91	273472	23.068	ug/l	99
90) Hexachloroethane	14.312	117	55256	21.006	ug/l	100
91) 1,2-Dichlorobenzene	14.088	146	144086	20.675	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	26738	18.726	ug/l	97
93) 1,2,4-Trichlorobenzene	15.370	180	93495	22.838	ug/l	97
94) Hexachlorobutadiene	15.476	225	37072	24.371	ug/l	99
95) Naphthalene	15.617	128	360150	24.833	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	91475	22.276	ug/l	98

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ClientSampleId :
VN0717MBSD01

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :

MSVOA_N

Client Sample Id :

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Manual Integrations

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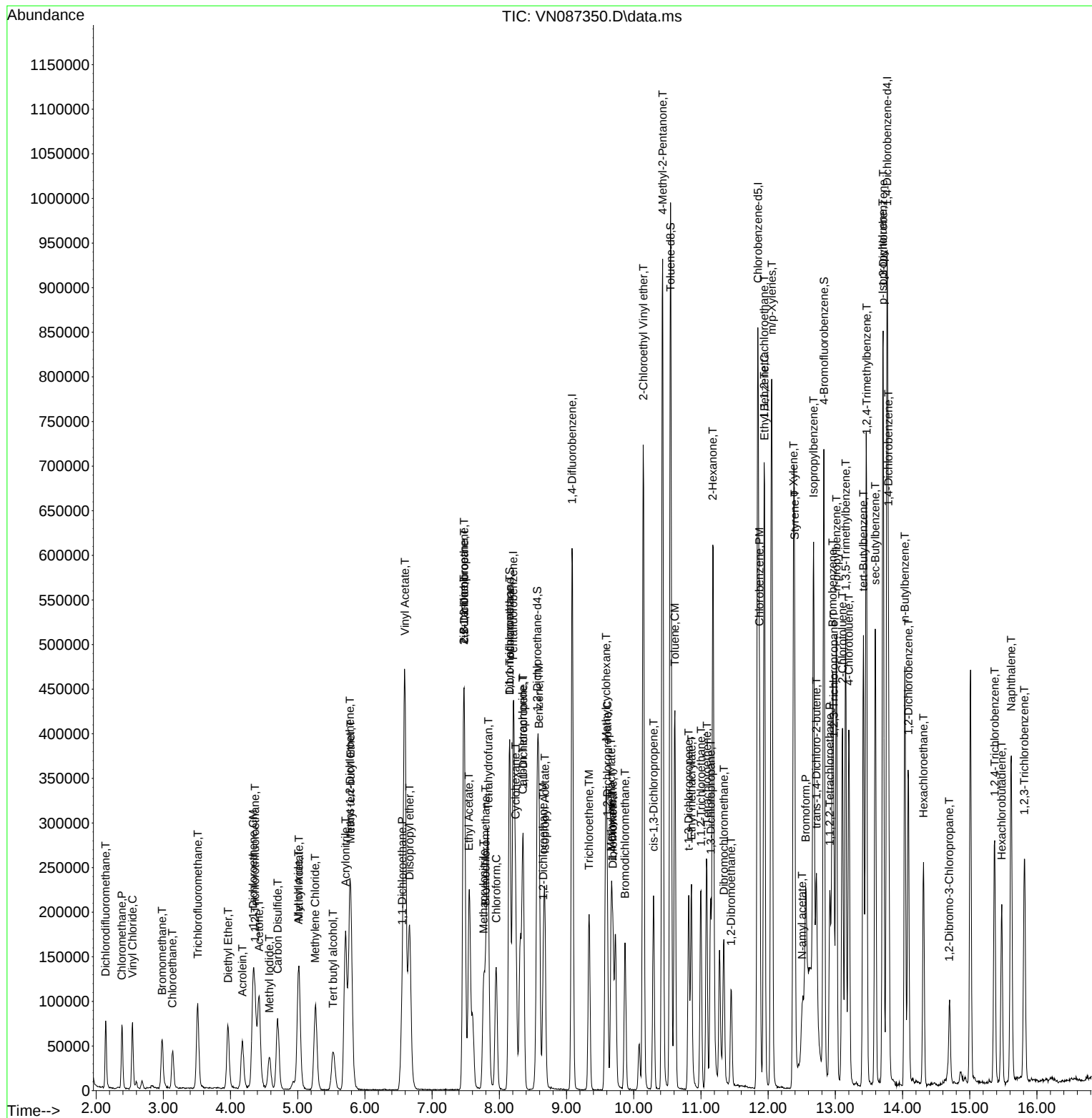
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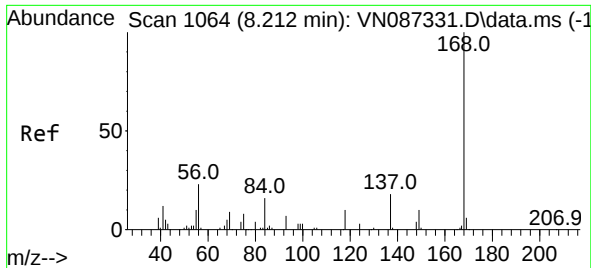
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QLast Update : Thu Jul 17 02:56:13 2025

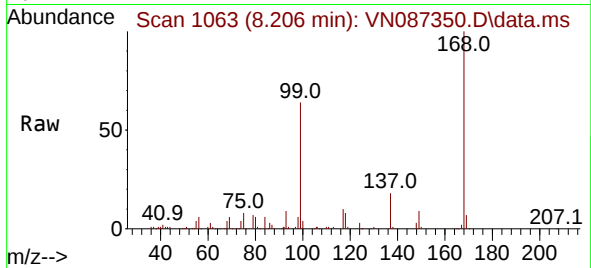
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

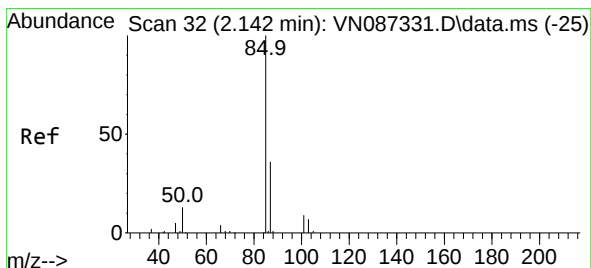
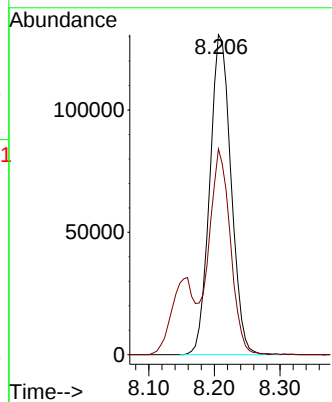
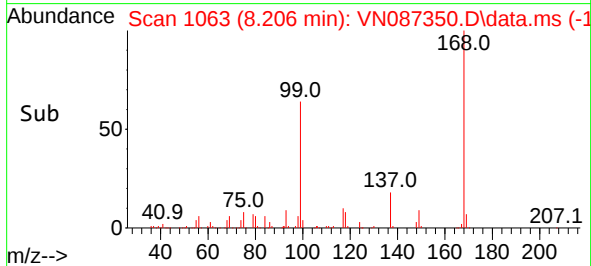
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion:168 Resp: 29496
Ion Ratio Lower Upper
168 100
99 64.2 47.9 71.9

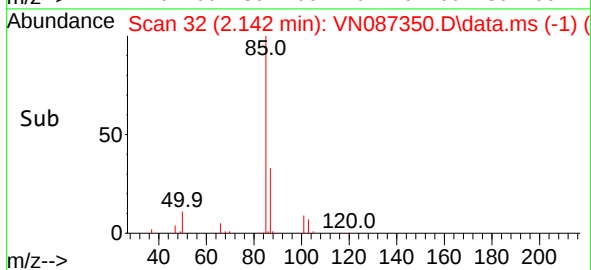
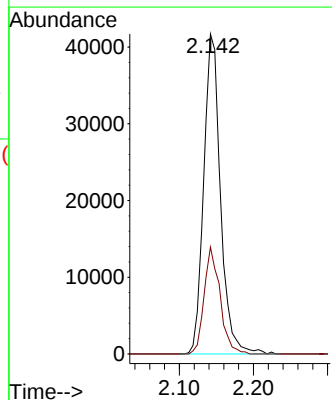
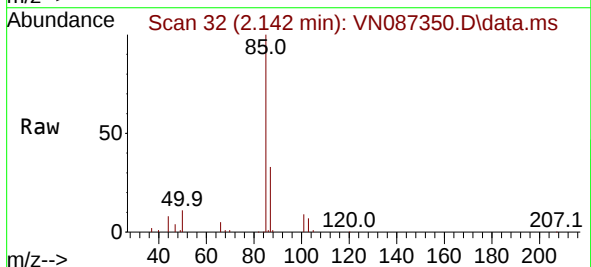
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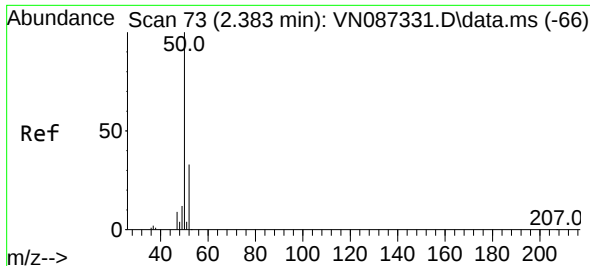
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#2
Dichlorodifluoromethane
Concen: 20.959 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

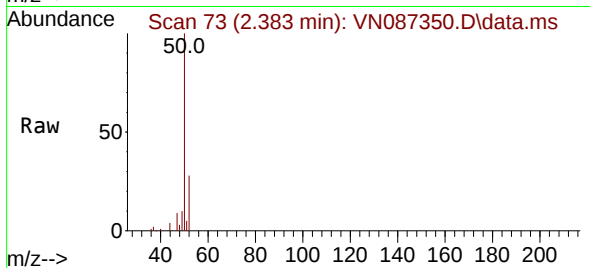
Tgt Ion: 85 Resp: 65662
Ion Ratio Lower Upper
85 100
87 33.4 17.8 53.3





#3
Chloromethane
Concen: 18.737 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

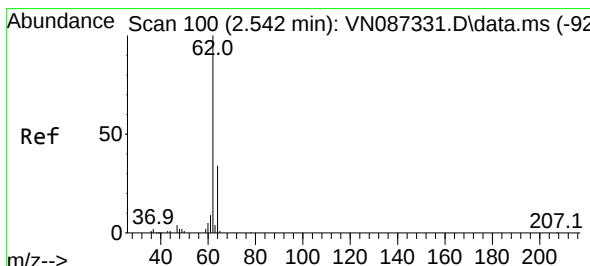
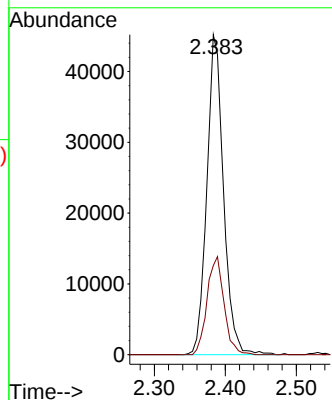
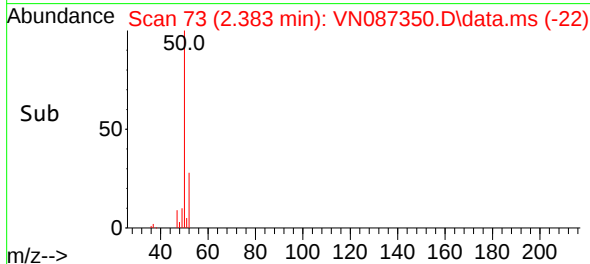
Instrument :
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Tgt Ion: 50 Resp: 7381
Ion Ratio Lower Upper
50 100
52 27.8 26.3 39.5

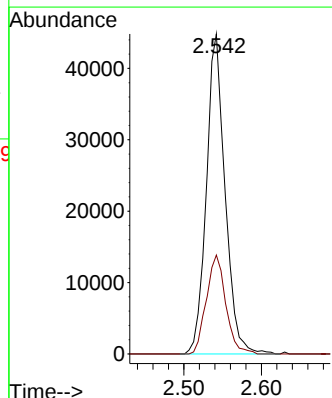
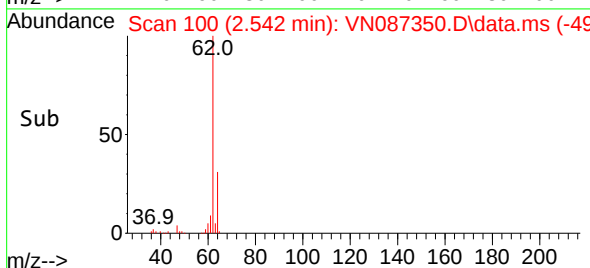
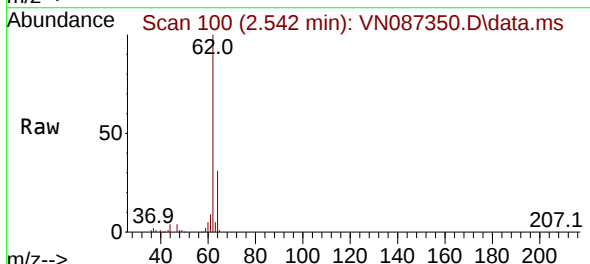
Manual Integrations
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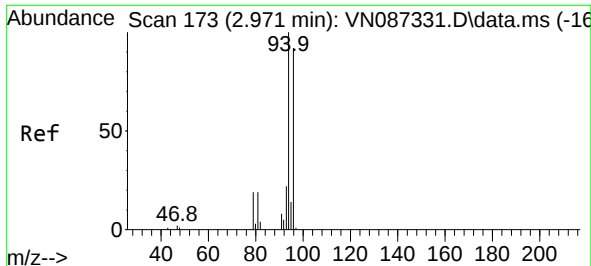
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#4
Vinyl Chloride
Concen: 19.122 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087350.D
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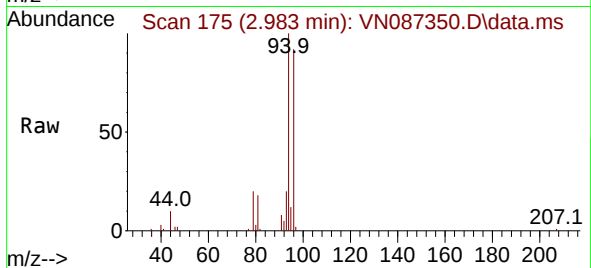
Tgt Ion: 62 Resp: 74865
Ion Ratio Lower Upper
62 100
64 30.9 27.0 40.6





#5
Bromomethane
Concen: 21.105 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

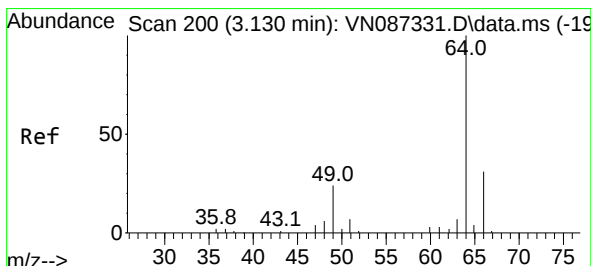
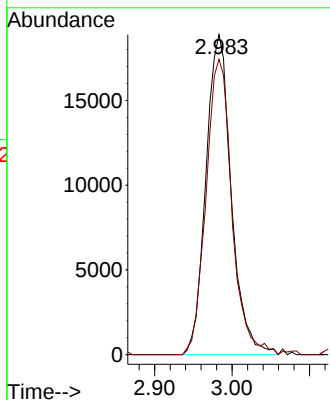
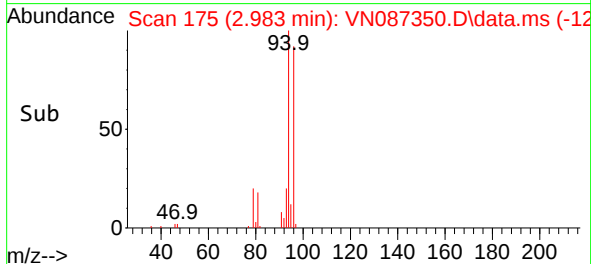
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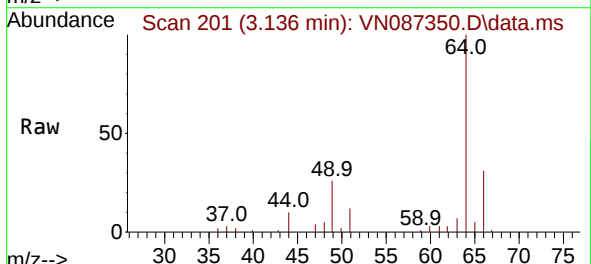
Tgt Ion: 94 Resp: 42790
Ion Ratio Lower Upper
94 100
96 92.3 73.4 110.2

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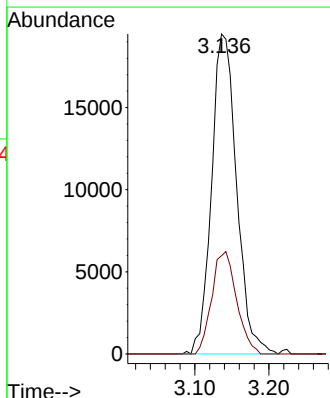
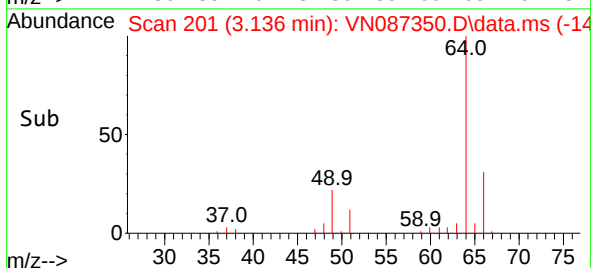
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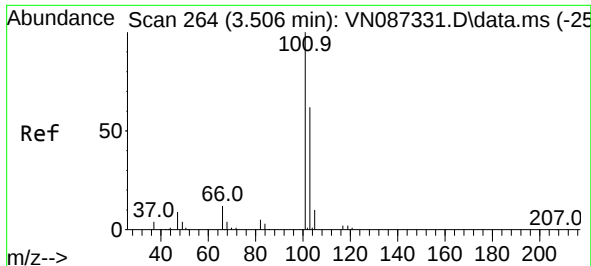


#6
Chloroethane
Concen: 17.904 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14



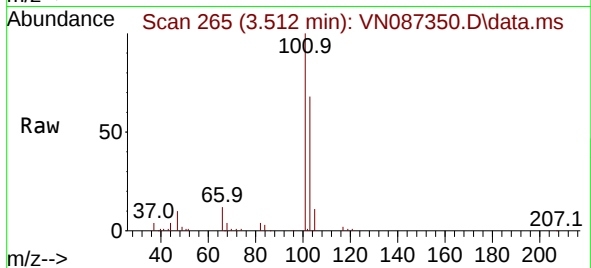
Tgt Ion: 64 Resp: 45715
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8





#7
Trichlorofluoromethane
Concen: 18.505 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

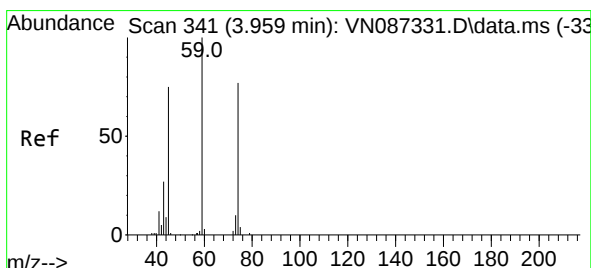
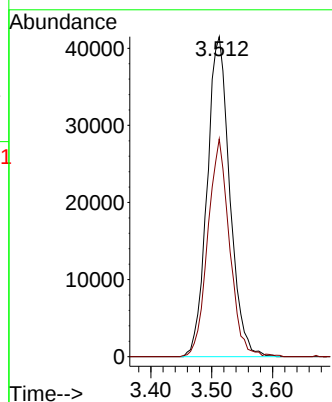
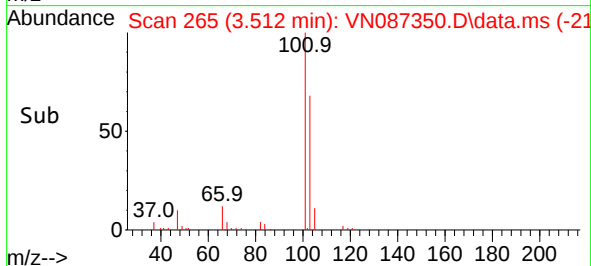
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Tgt Ion:101 Resp: 107130
Ion Ratio Lower Upper
101 100
103 68.0 49.8 74.6

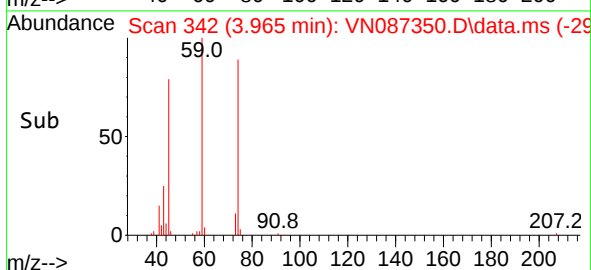
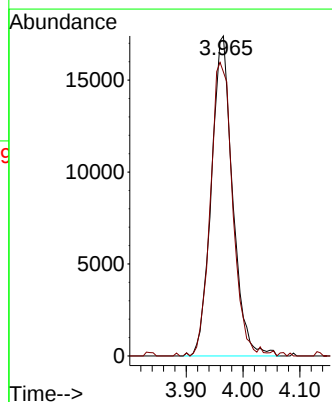
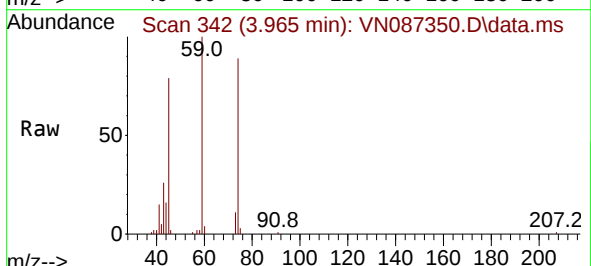
Manual Integrations
APPROVED

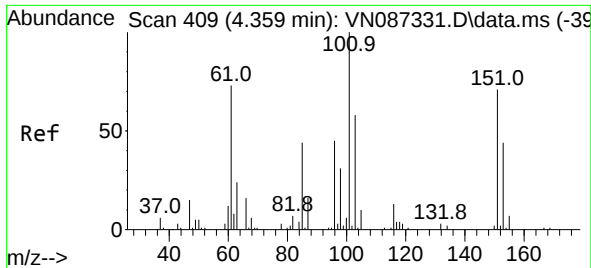
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#8
Diethyl Ether
Concen: 20.161 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Tgt Ion: 74 Resp: 45276
Ion Ratio Lower Upper
74 100
45 95.4 50.8 152.5





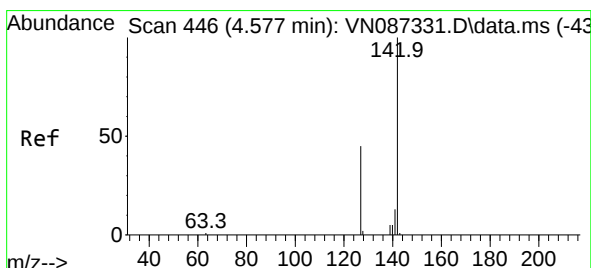
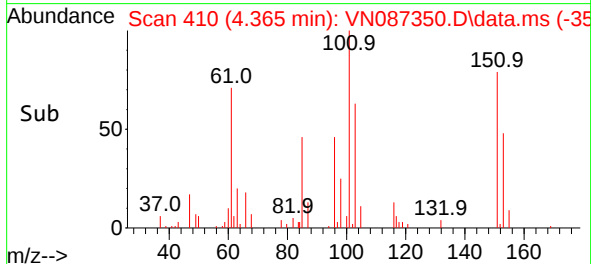
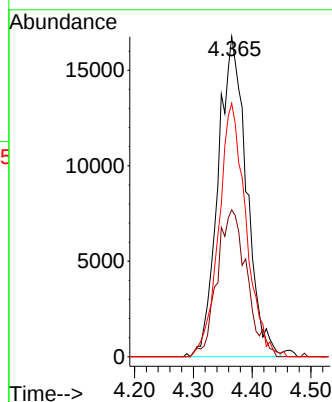
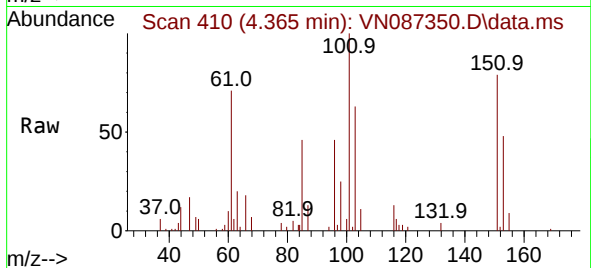
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.921 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01

Tgt Ion:101 Resp: 56230
Ion Ratio Lower Upper
101 100
85 48.1 37.3 55.9
151 75.7 58.9 88.3

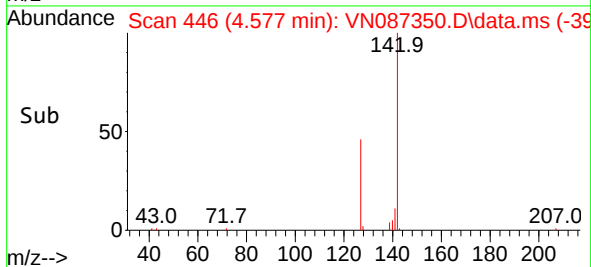
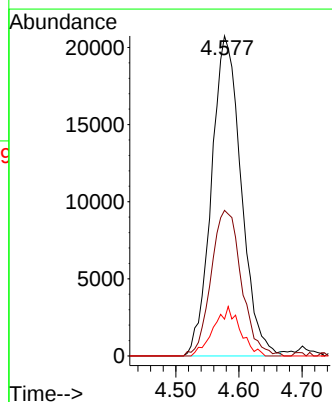
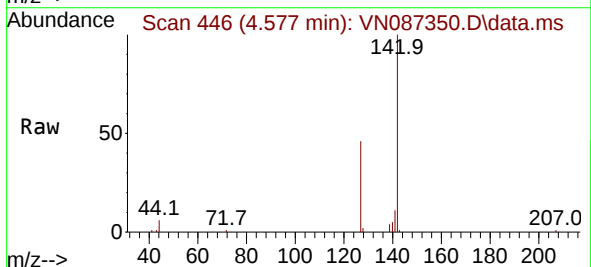
Manual Integrations
APPROVED

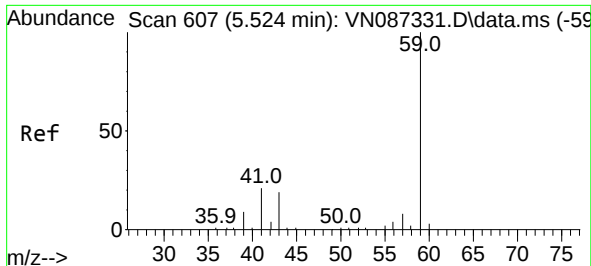
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#10
Methyl Iodide
Concen: 25.266 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

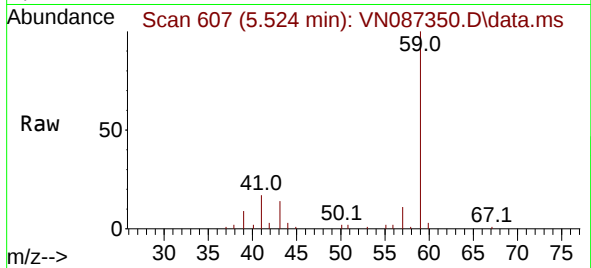
Tgt Ion:142 Resp: 67651
Ion Ratio Lower Upper
142 100
127 45.5 35.7 53.5
141 11.5 10.4 15.6





#11
Tert butyl alcohol
Concen: 95.901 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

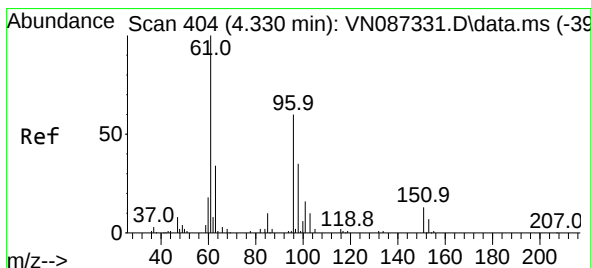
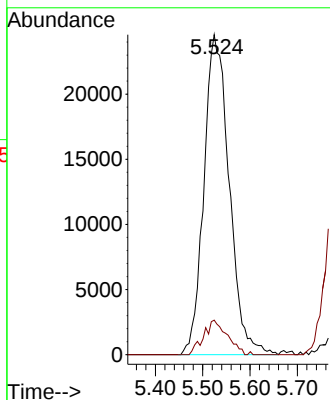
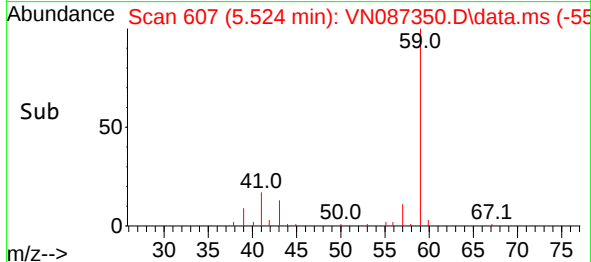
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



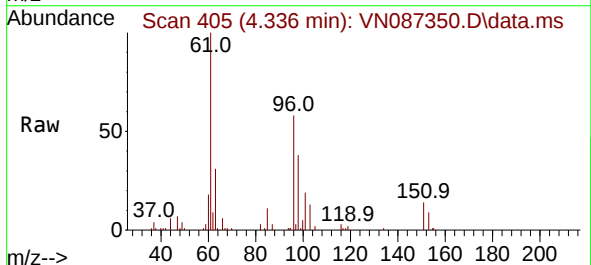
Tgt Ion: 59 Resp: 91136
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
APPROVED

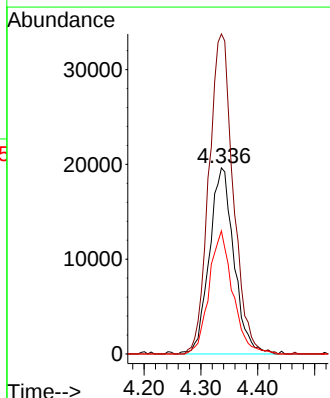
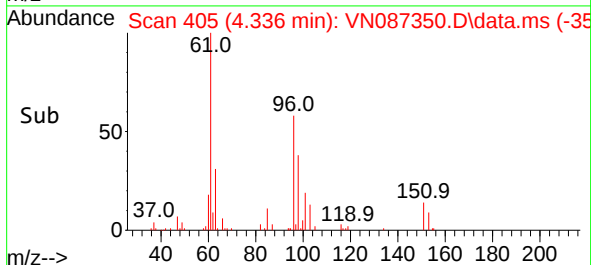
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

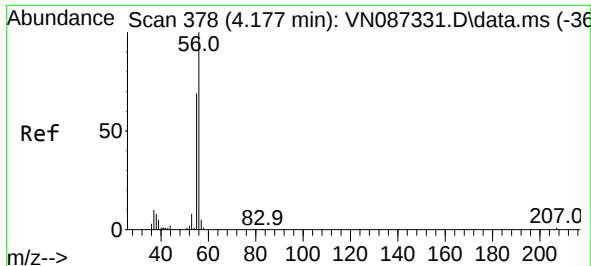


#12
1,1-Dichloroethene
Concen: 17.515 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14



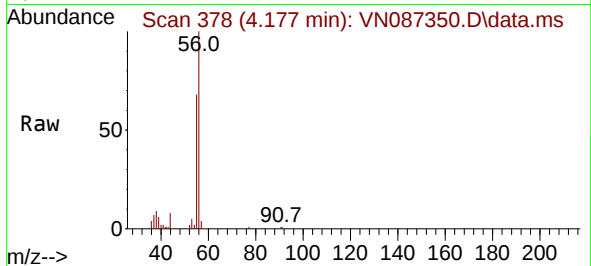
Tgt Ion: 96 Resp: 58985
Ion Ratio Lower Upper
96 100
61 171.9 132.3 198.5
98 66.1 46.8 70.2





#13
Acrolein
Concen: 91.283 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

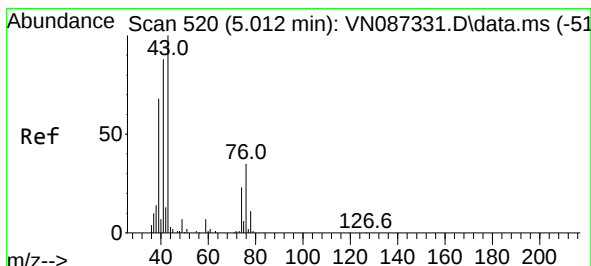
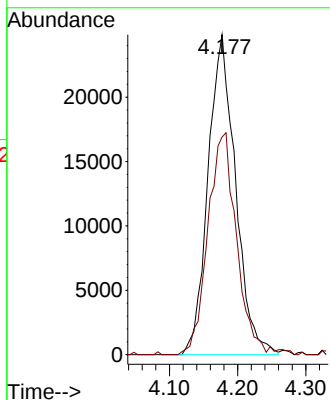
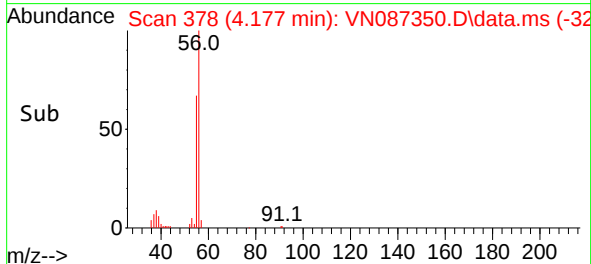
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 56 Resp: 6961
Ion Ratio Lower Upper
56 100
55 72.5 56.2 84.4

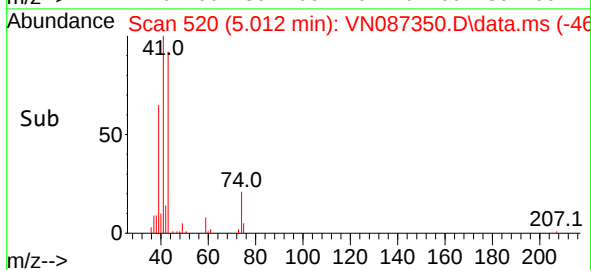
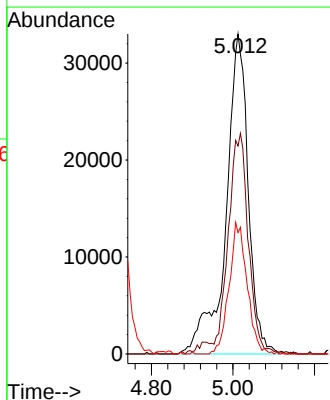
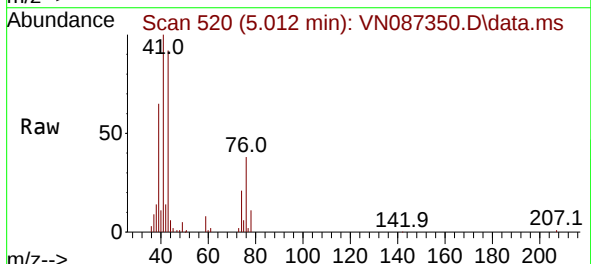
Manual Integrations
APPROVED

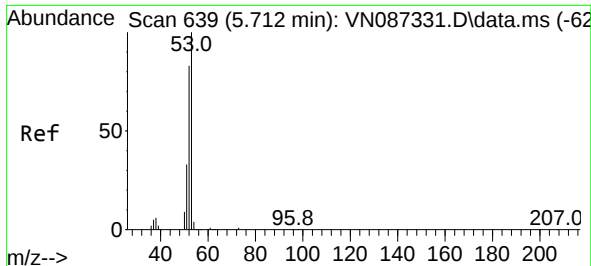
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#14
Allyl chloride
Concen: 20.565 ug/l m
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

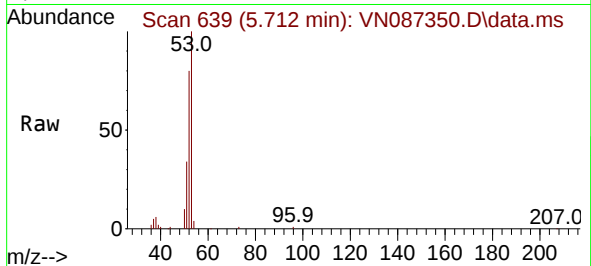
Tgt Ion: 41 Resp: 125336
Ion Ratio Lower Upper
41 100
39 61.5 59.0 88.6
76 33.2 28.7 43.1





#15
Acrylonitrile
Concen: 92.643 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

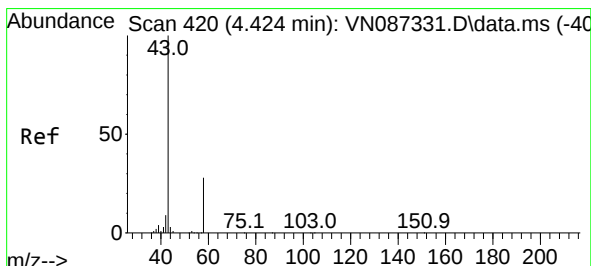
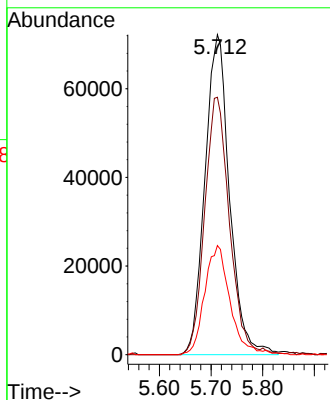
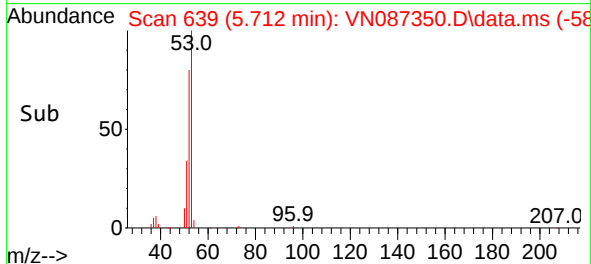
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 53 Resp: 238900
Ion Ratio Lower Upper
53 100
52 81.1 65.5 98.3
51 35.2 28.7 43.1

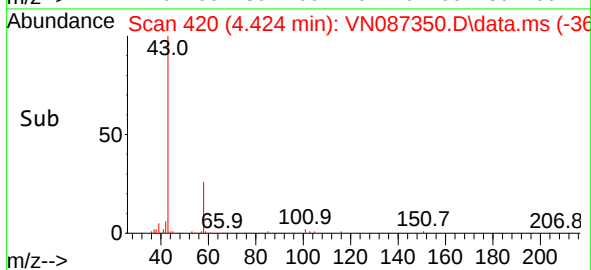
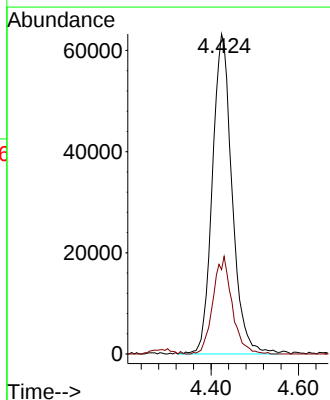
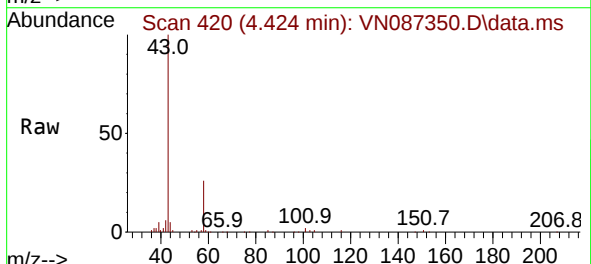
Manual Integrations
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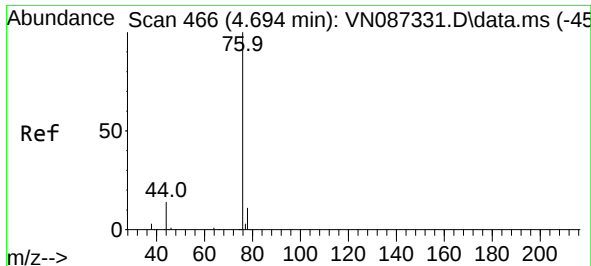
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#16
Acetone
Concen: 84.280 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Tgt Ion: 43 Resp: 197775
Ion Ratio Lower Upper
43 100
58 26.4 22.3 33.5





#17

Carbon Disulfide

Concen: 18.392 ug/l

RT: 4.701 min Scan# 4

Delta R.T. 0.007 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBSD01

Tgt Ion: 76 Resp: 183630

Ion Ratio Lower Upper

76 100

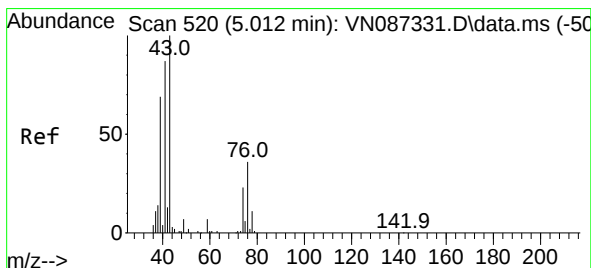
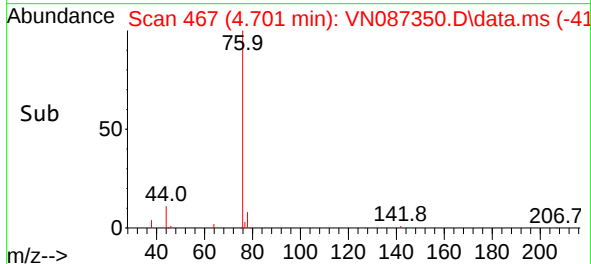
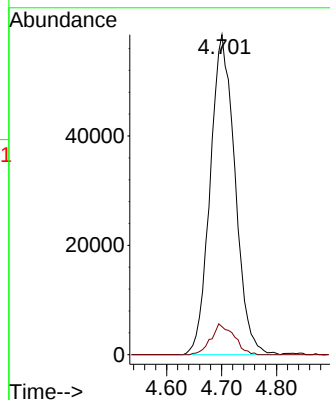
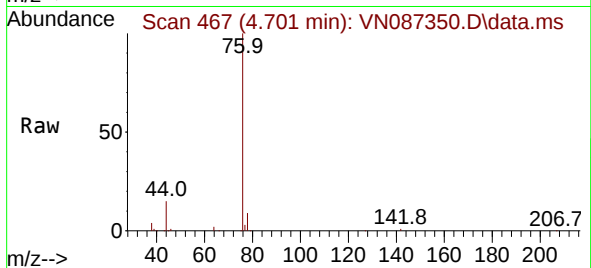
78 8.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#18

Methyl Acetate

Concen: 18.398 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN087350.D

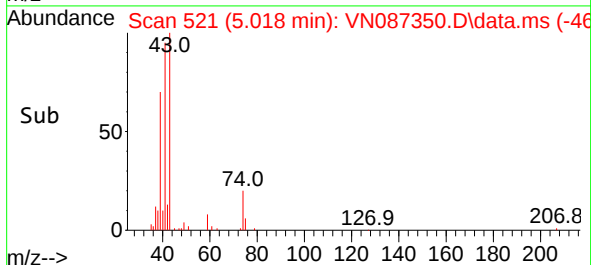
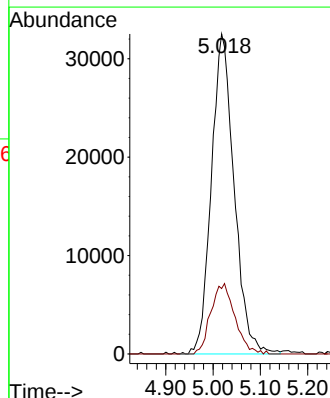
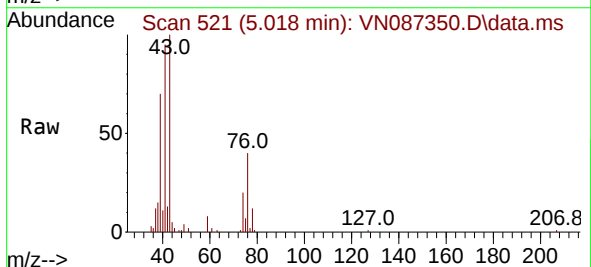
Acq: 17 Jul 2025 17:14

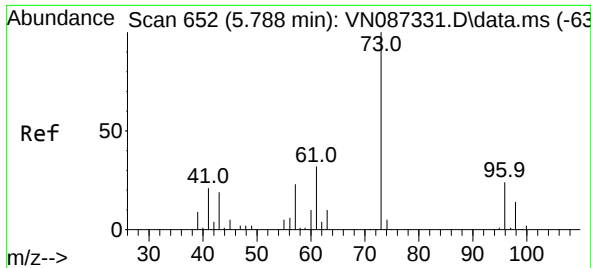
Tgt Ion: 43 Resp: 108469

Ion Ratio Lower Upper

43 100

74 23.3 17.8 26.6





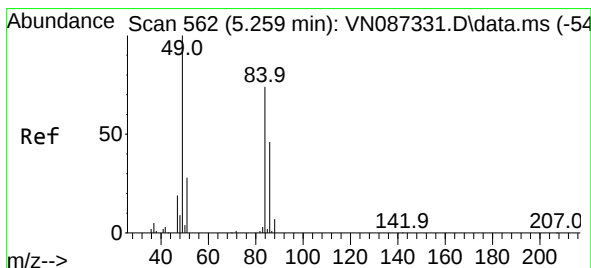
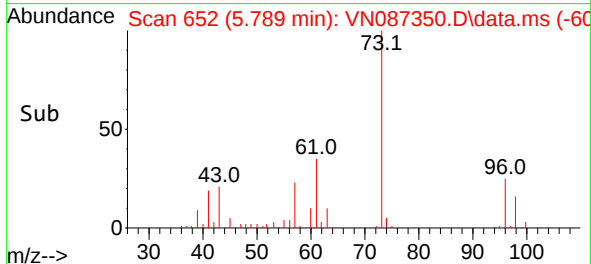
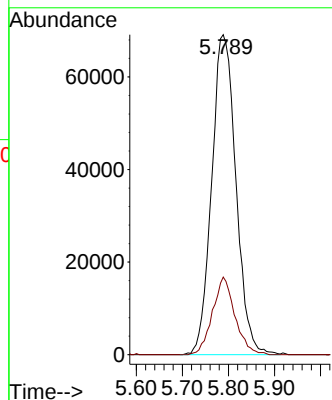
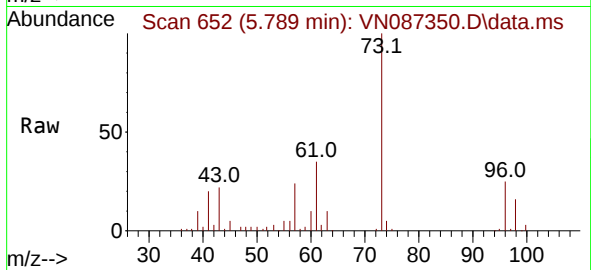
#19
Methyl tert-butyl Ether
Concen: 20.351 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01

Tgt Ion: 73 Resp: 252620
Ion Ratio Lower Upper
73 100
57 24.2 18.6 27.8

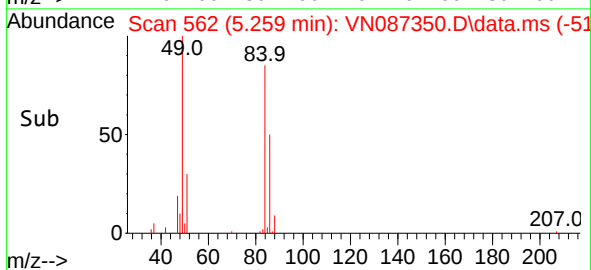
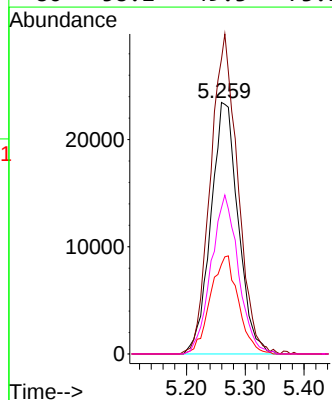
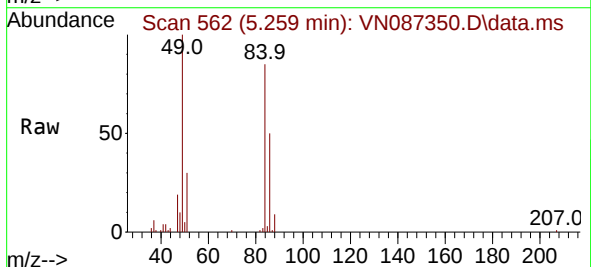
Manual Integrations
APPROVED

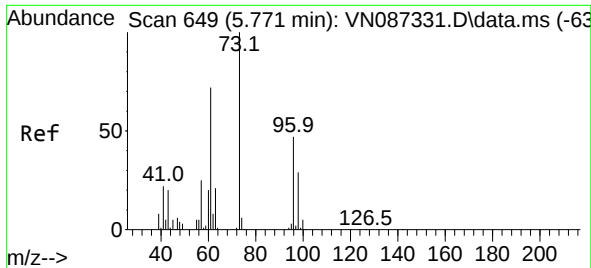
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#20
Methylene Chloride
Concen: 18.707 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

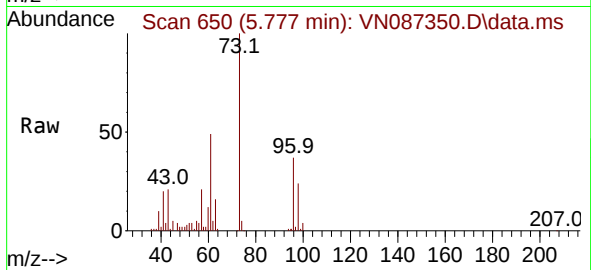
Tgt Ion: 84 Resp: 75800
Ion Ratio Lower Upper
84 100
49 117.3 107.5 161.3
51 35.7 30.2 45.2
86 58.2 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 17.935 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

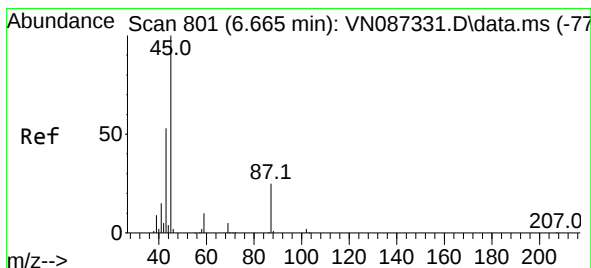
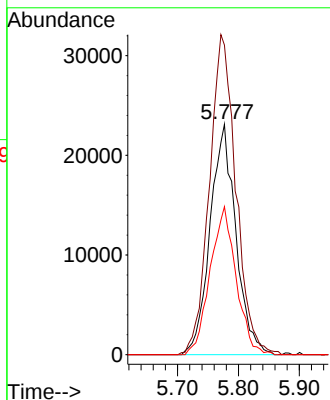
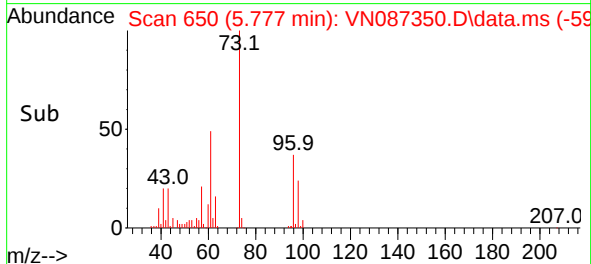
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 96 Resp: 68104
Ion Ratio Lower Upper
96 100
61 134.3 122.0 183.0
98 64.2 50.0 75.0

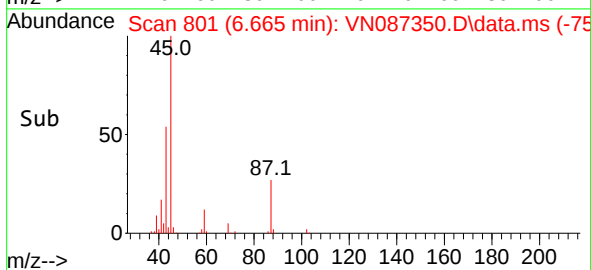
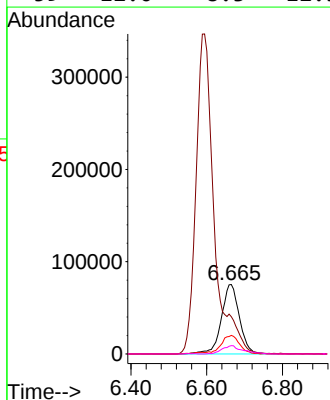
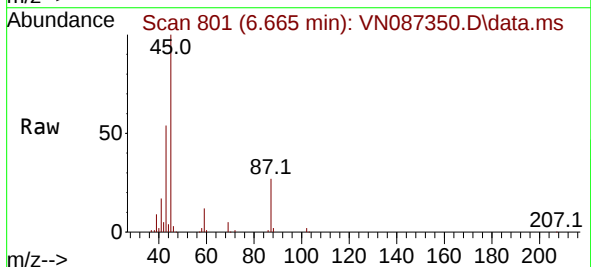
Manual Integrations
APPROVED

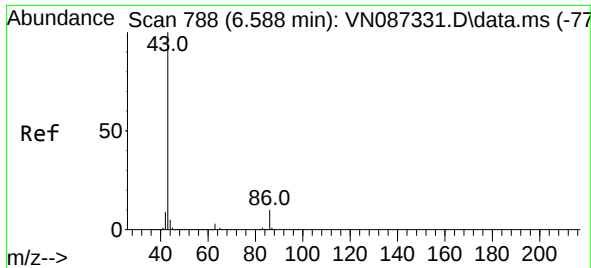
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#22
Diisopropyl ether
Concen: 19.526 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

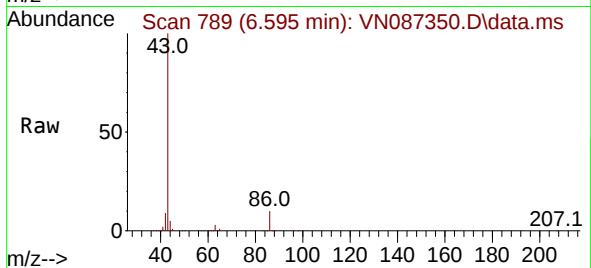
Tgt Ion: 45 Resp: 249623
Ion Ratio Lower Upper
45 100
43 53.5 42.8 64.2
87 26.8 19.8 29.6
59 12.0 8.3 12.5





#23
 Vinyl Acetate
 Concen: 103.162 ug/l
 RT: 6.595 min Scan# 789
 Delta R.T. 0.007 min
 Lab File: VN087350.D
 Acq: 17 Jul 2025 17:14

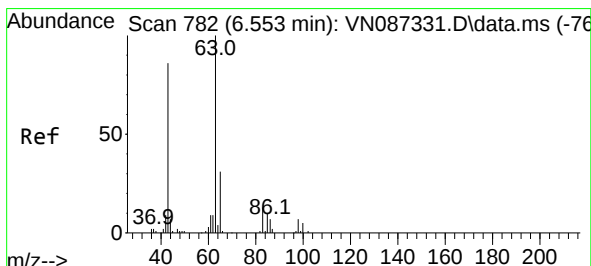
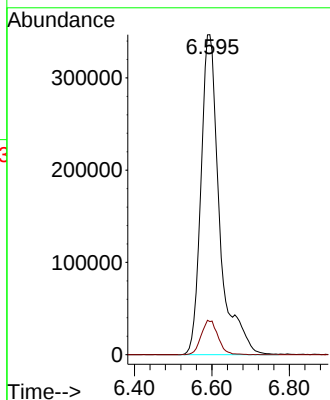
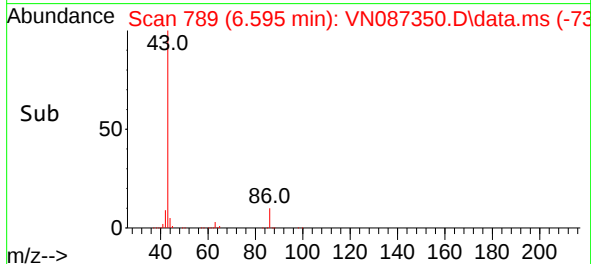
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBSD01



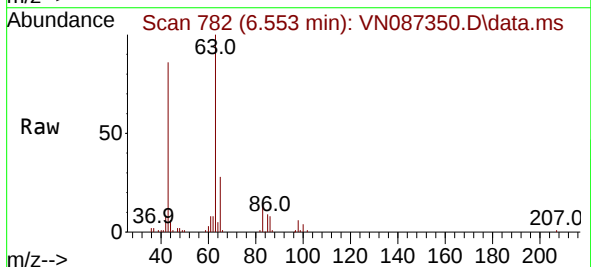
Tgt Ion: 43 Resp: 115346
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.7 11.5

Manual Integrations
 APPROVED

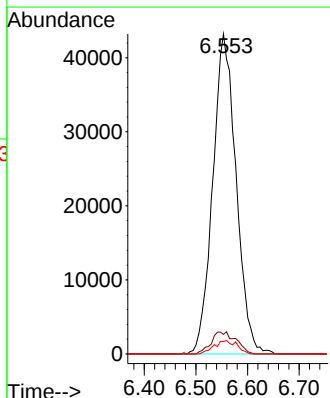
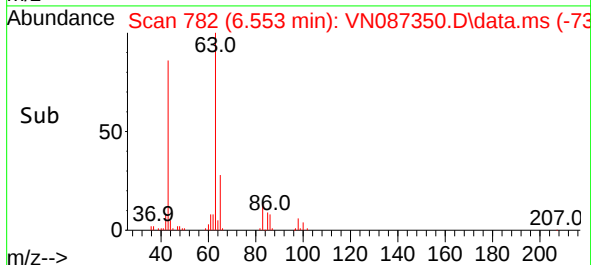
Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

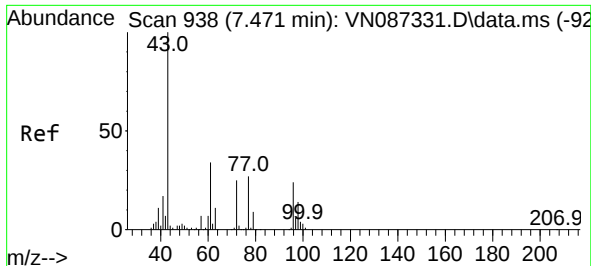


#24
 1,1-Dichloroethane
 Concen: 18.375 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087350.D
 Acq: 17 Jul 2025 17:14



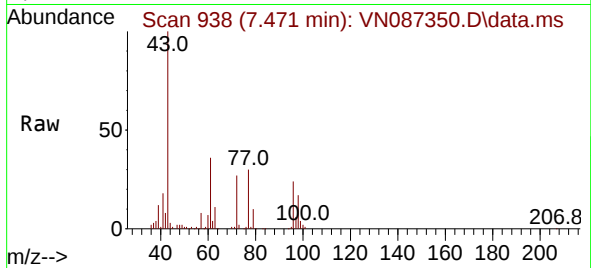
Tgt Ion: 63 Resp: 135527
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.9 2.5 7.4





#25
2-Butanone
Concen: 92.434 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

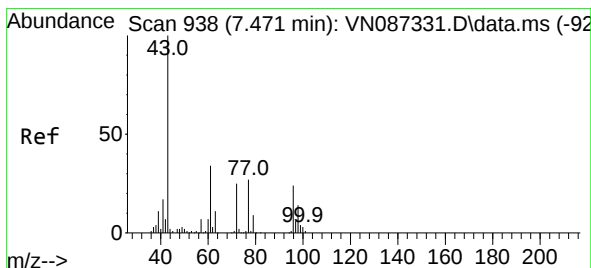
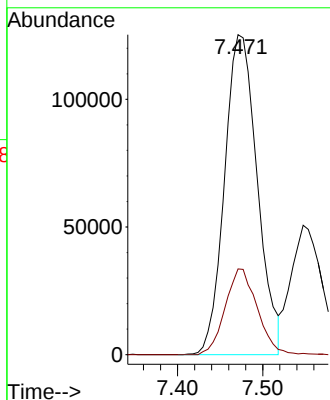
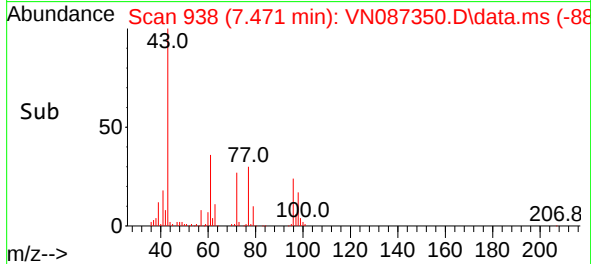
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



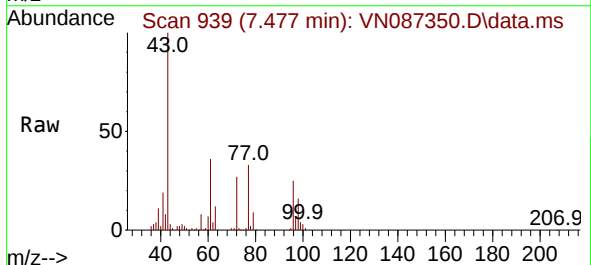
Tgt Ion: 43 Resp: 335140
Ion Ratio Lower Upper
43 100
72 26.8 19.6 29.4

Manual Integrations
APPROVED

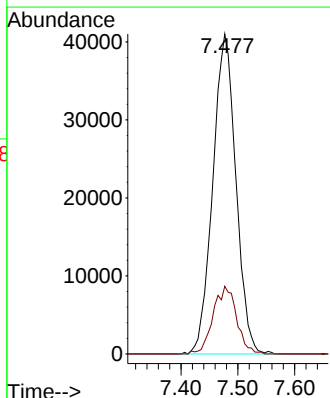
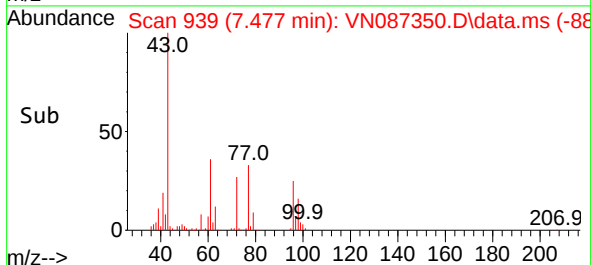
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

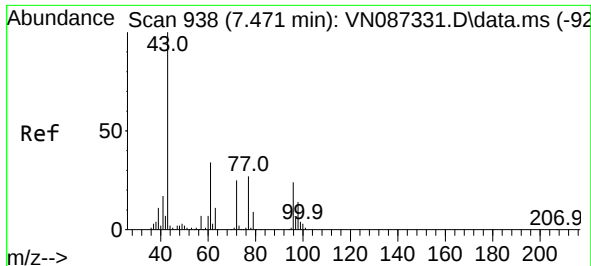


#26
2,2-Dichloropropane
Concen: 20.204 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14



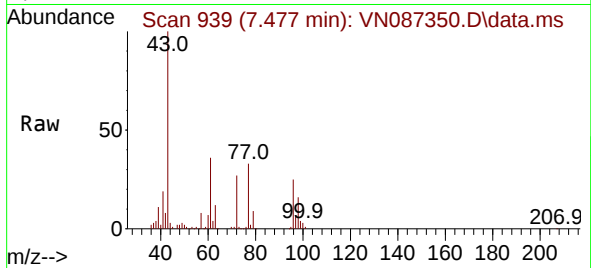
Tgt Ion: 77 Resp: 115857
Ion Ratio Lower Upper
77 100
97 21.5 11.1 33.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.088 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087350.D
 Acq: 17 Jul 2025 17:14

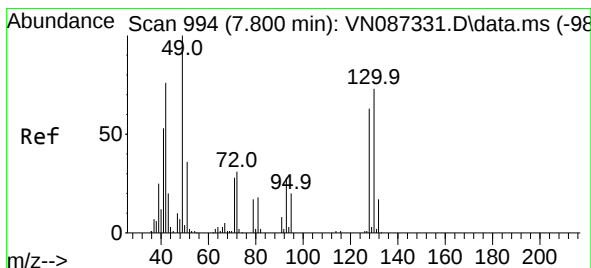
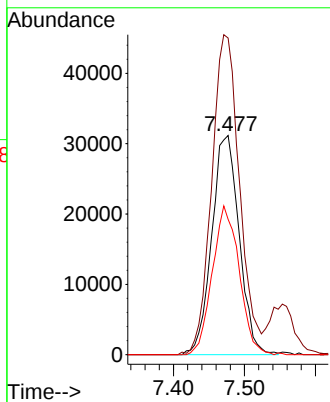
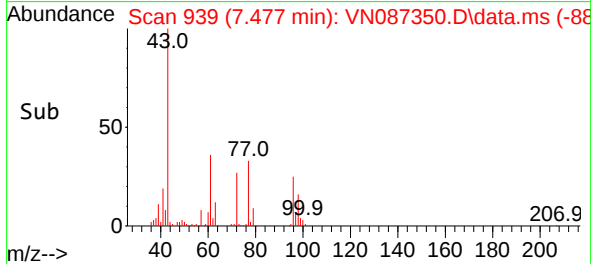
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717MBS01



Tgt Ion: 96 Resp: 83450
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 297.8
 98 66.5 0.0 132.4

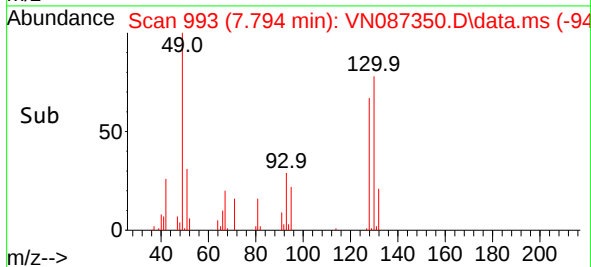
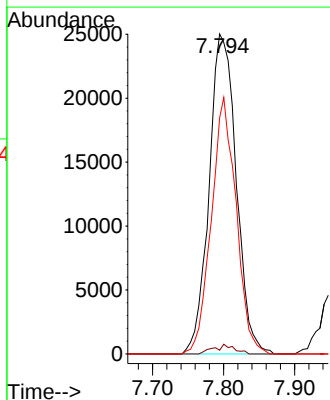
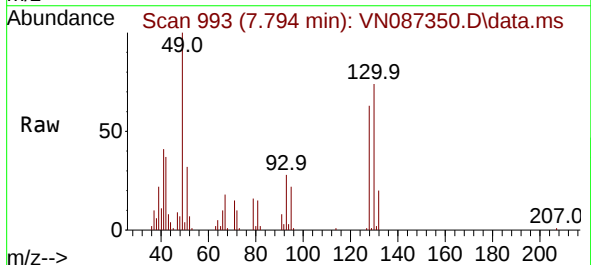
Manual Integrations
 APPROVED

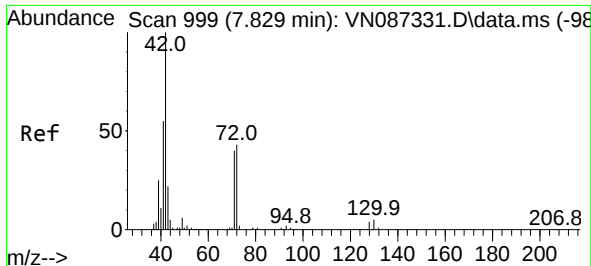
Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#28
 Bromochloromethane
 Concen: 18.802 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087350.D
 Acq: 17 Jul 2025 17:14

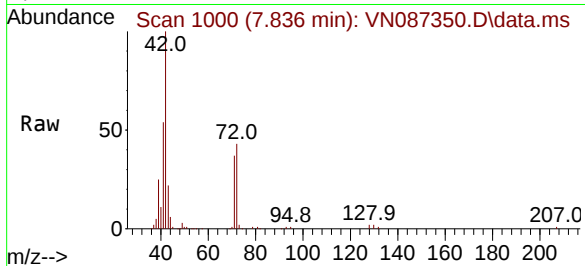
Tgt Ion: 49 Resp: 66368
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 73.3 57.3 85.9





#29
Tetrahydrofuran
Concen: 93.473 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

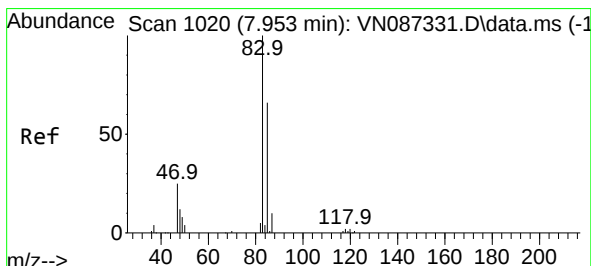
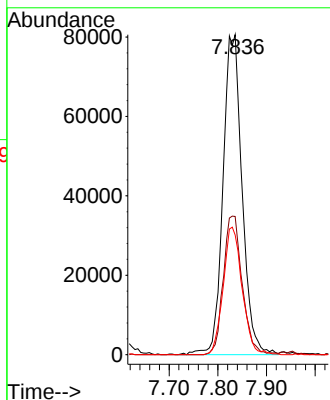
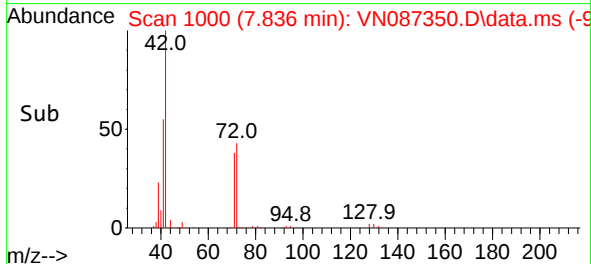
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 42 Resp: 220168
Ion Ratio Lower Upper
42 100
72 43.0 33.4 50.0
71 39.5 31.2 46.8

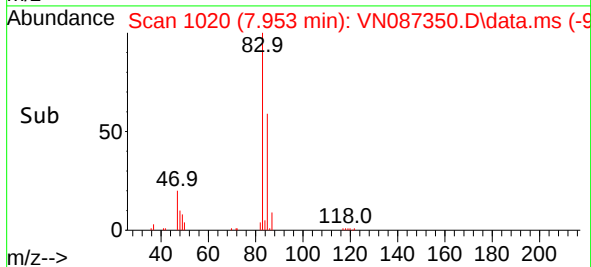
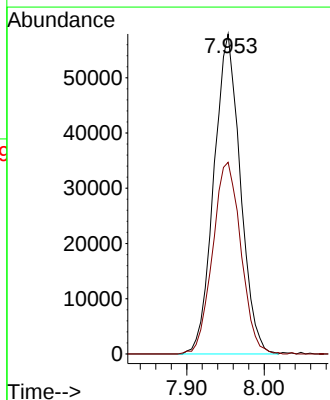
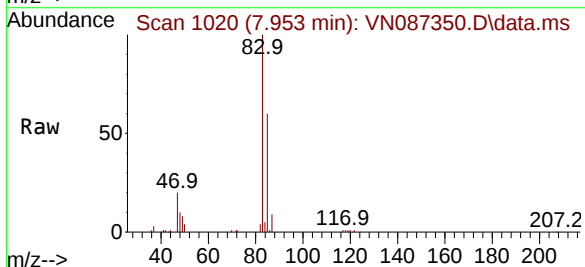
Manual Integrations
APPROVED

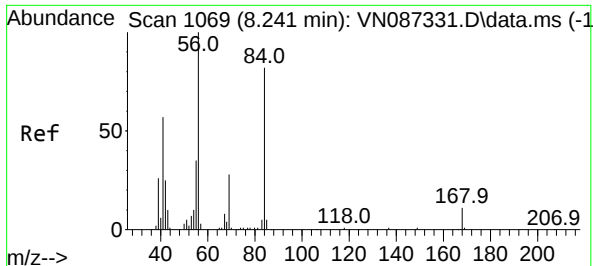
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#30
Chloroform
Concen: 18.588 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

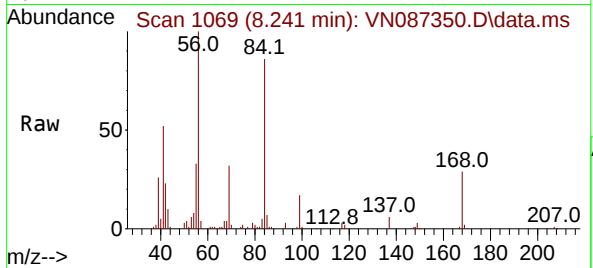
Tgt Ion: 83 Resp: 137225
Ion Ratio Lower Upper
83 100
85 59.9 52.7 79.1





#31
Cyclohexane
Concen: 20.812 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

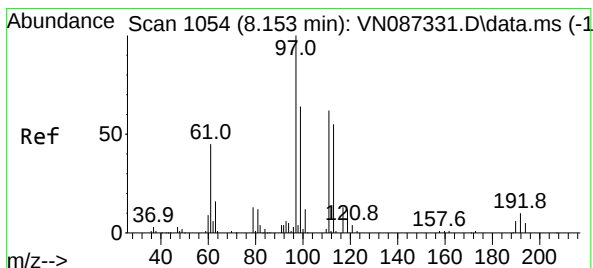
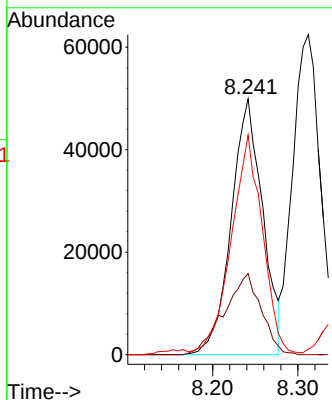
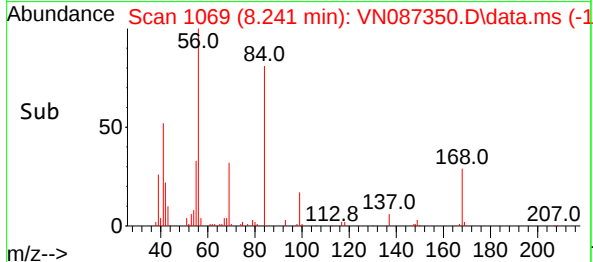
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 56 Resp: 128052
Ion Ratio Lower Upper
56 100
69 31.7 22.7 34.1
84 84.4 65.8 98.6

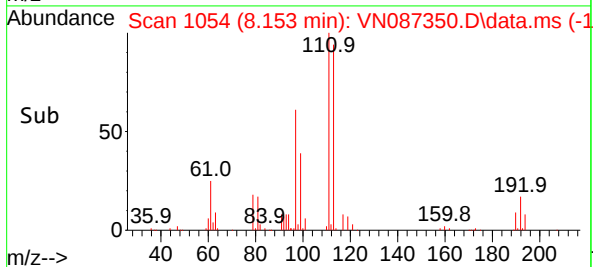
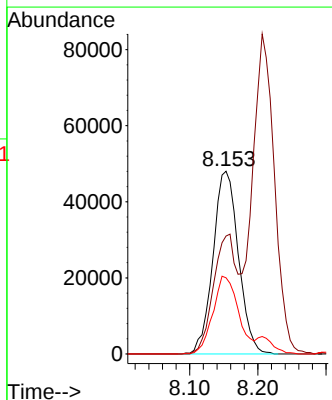
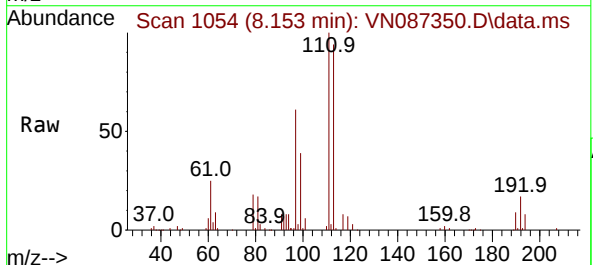
Manual Integrations
APPROVED

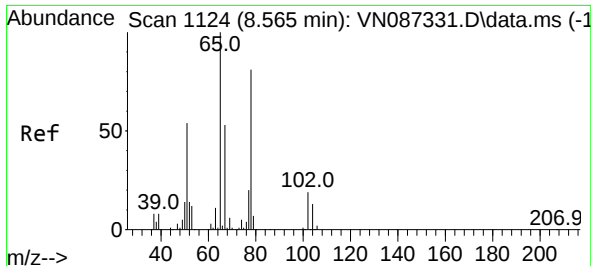
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#32
1,1,1-Trichloroethane
Concen: 19.507 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Tgt Ion: 97 Resp: 124727
Ion Ratio Lower Upper
97 100
99 58.3 51.8 77.8
61 43.0 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 49.006 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBSD01

Tgt Ion: 65 Resp: 245270

Ion Ratio Lower Upper

65 100

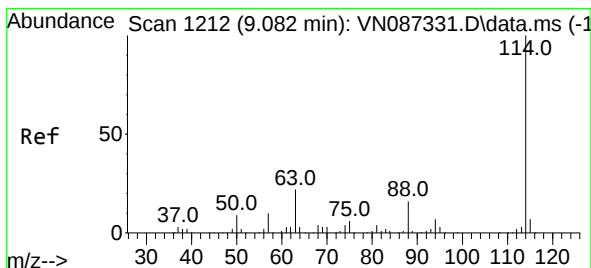
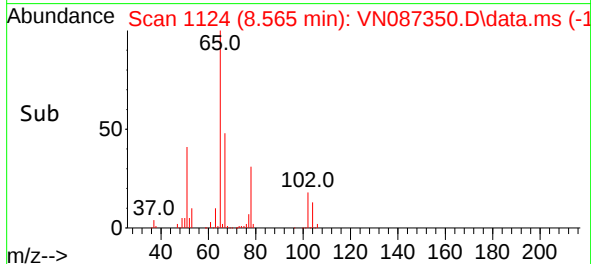
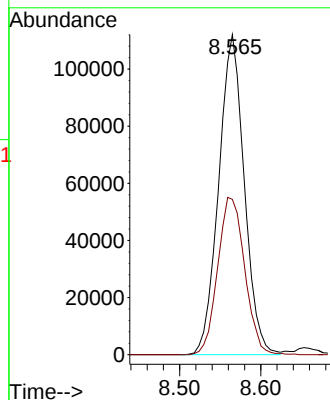
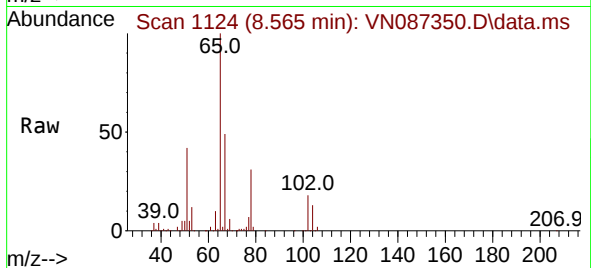
67 51.9 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

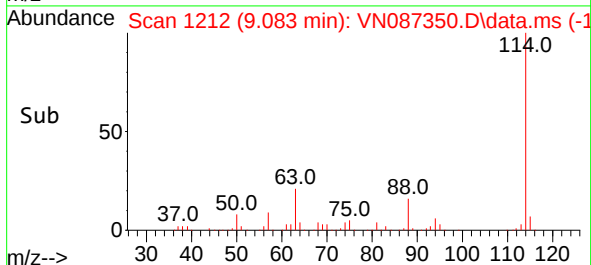
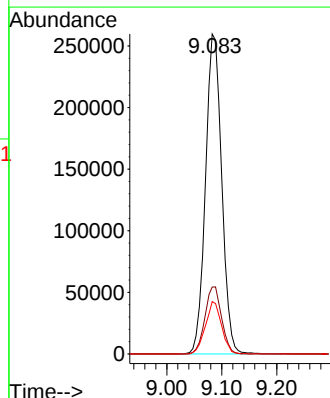
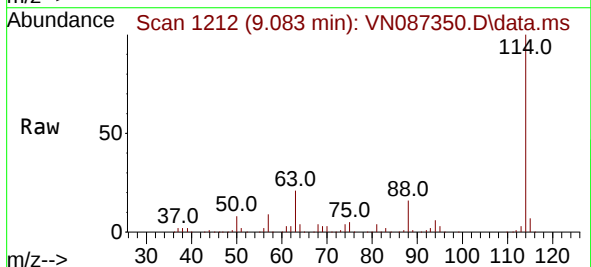
Tgt Ion:114 Resp: 532471

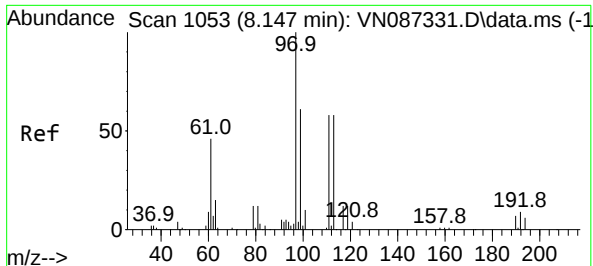
Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.6

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.828 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion:113 Resp: 183010

Ion Ratio Lower Upper

113 100

111 101.6 82.5 123.7

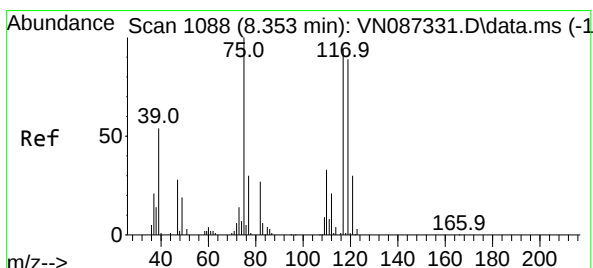
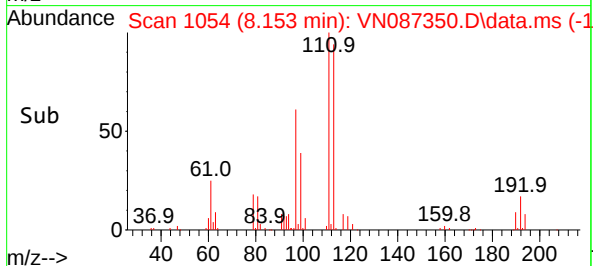
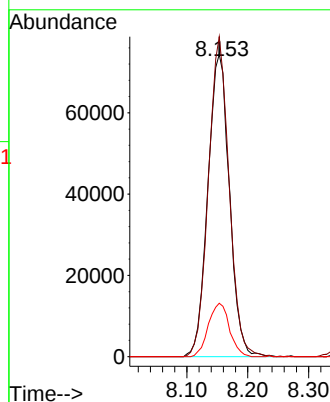
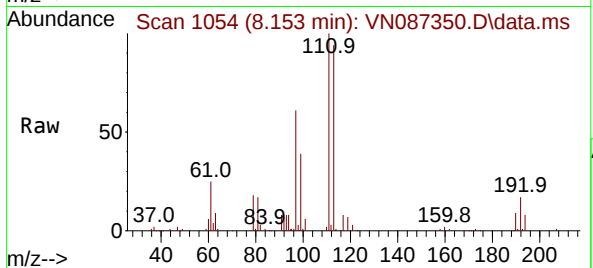
192 17.3 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#36

1,1-Dichloropropene

Concen: 19.674 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

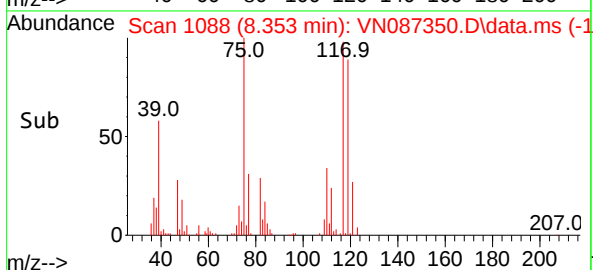
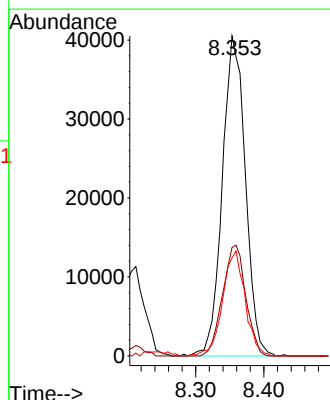
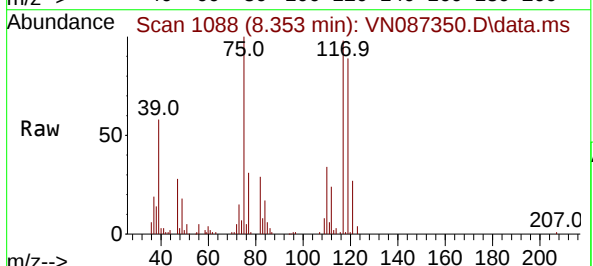
Tgt Ion: 75 Resp: 95469

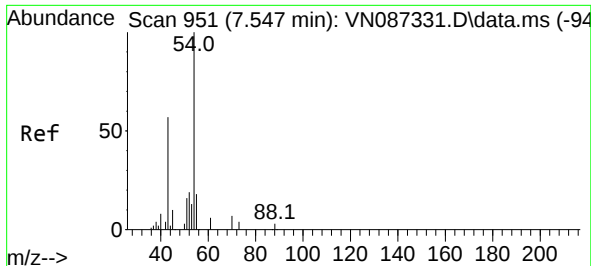
Ion Ratio Lower Upper

75 100

110 34.8 16.7 50.1

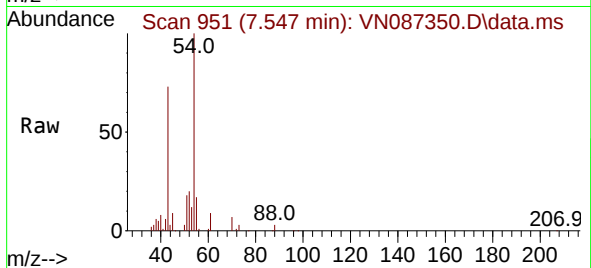
77 32.1 25.2 37.8





#37
Ethyl Acetate
Concen: 18.755 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

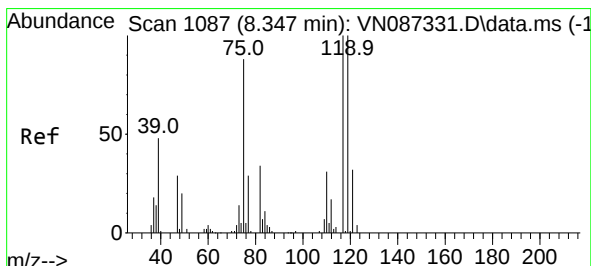
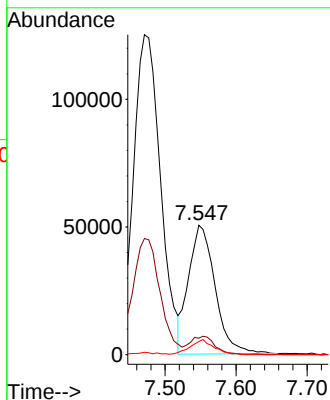
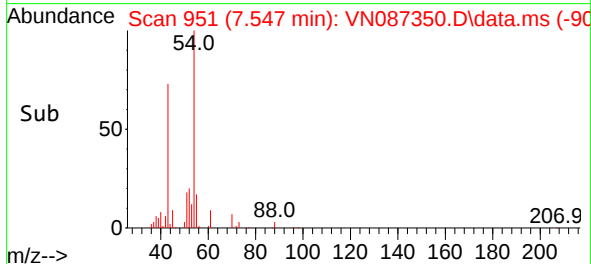
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 43 Resp: 13144
Ion Ratio Lower Upper
43 100
61 12.9 10.9 16.3
70 10.4 7.4 11.0

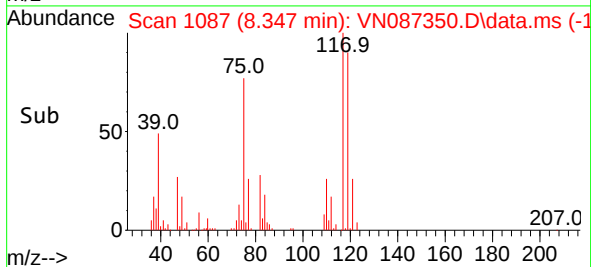
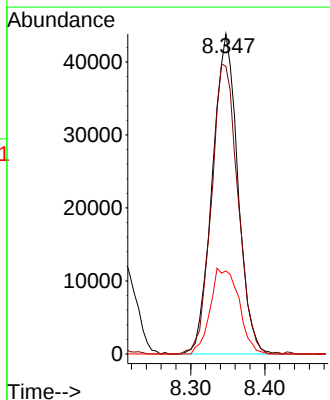
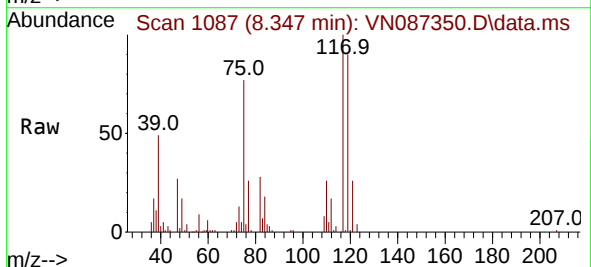
Manual Integrations
APPROVED

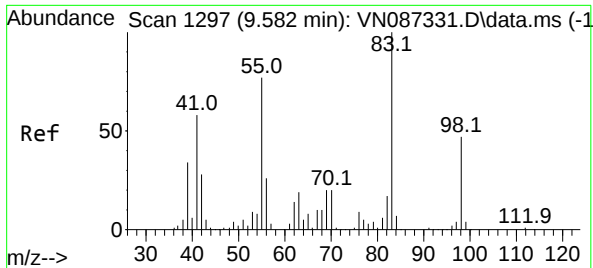
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#38
Carbon Tetrachloride
Concen: 19.523 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

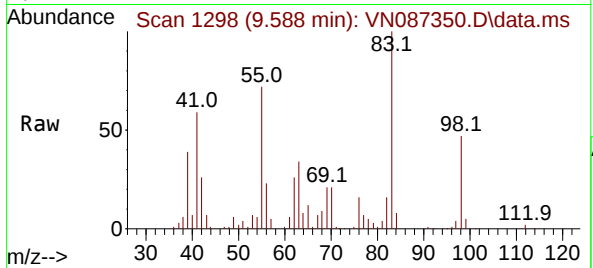
Tgt Ion:117 Resp: 104360
Ion Ratio Lower Upper
117 100
119 89.9 80.2 120.2
121 26.0 25.4 38.2





#39
Methylcyclohexane
Concen: 22.075 ug/l
RT: 9.588 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

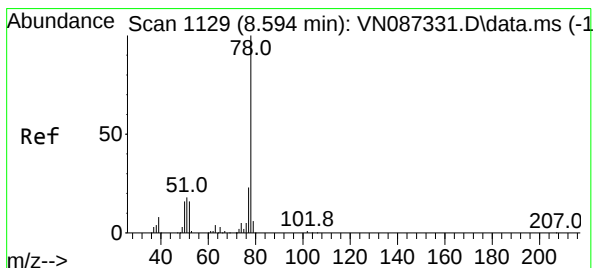
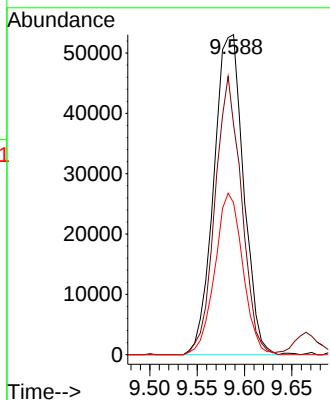
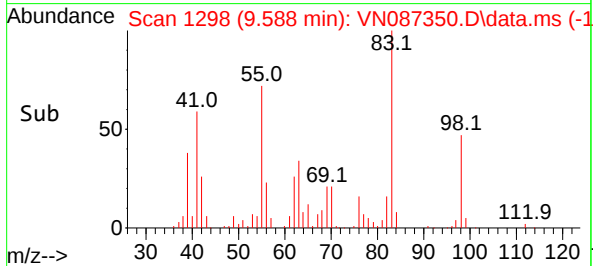
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



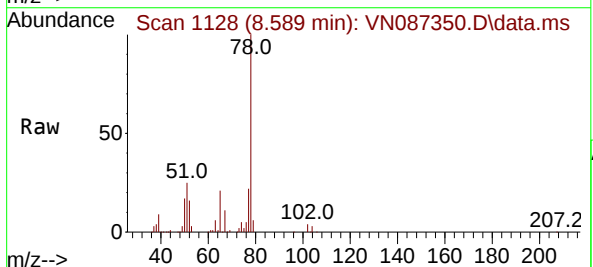
Tgt Ion: 83 Resp: 11597
Ion Ratio Lower Upper
83 100
55 71.9 61.3 91.9
98 47.4 37.9 56.9

Manual Integrations
APPROVED

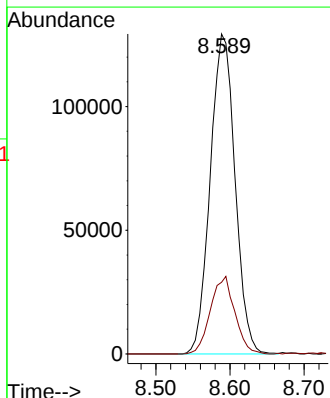
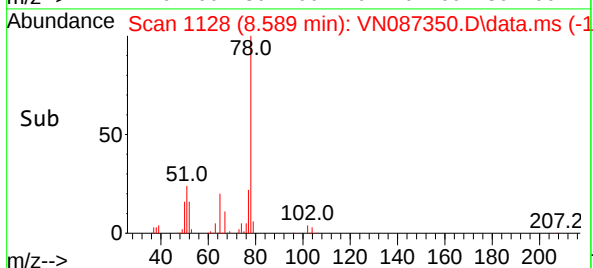
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

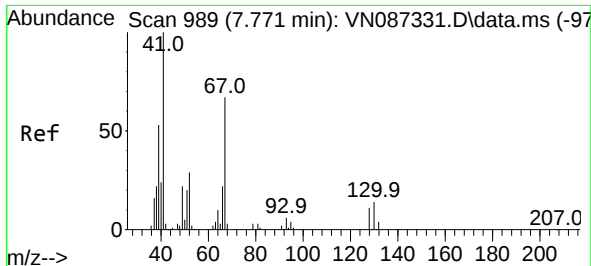


#40
Benzene
Concen: 19.188 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14



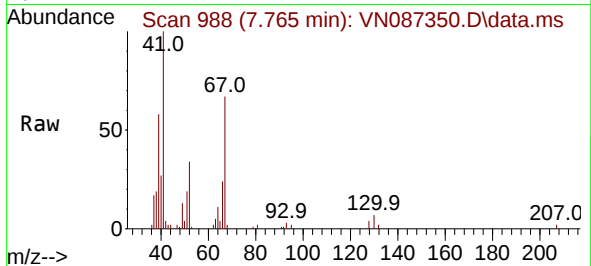
Tgt Ion: 78 Resp: 300947
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.2





#41
Methacrylonitrile
Concen: 19.298 ug/l
RT: 7.765 min Scan# 989
Delta R.T. -0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

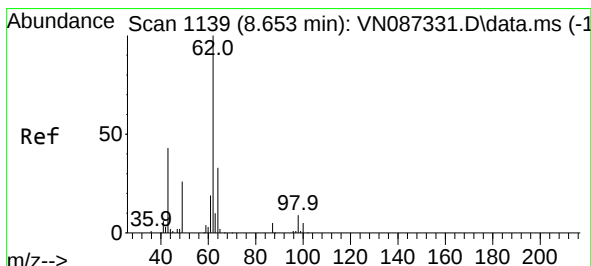
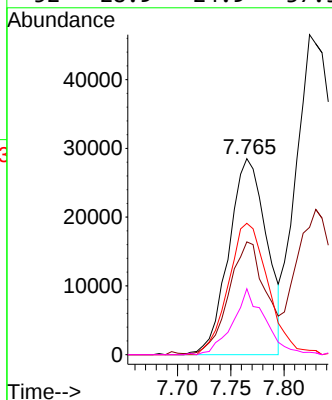
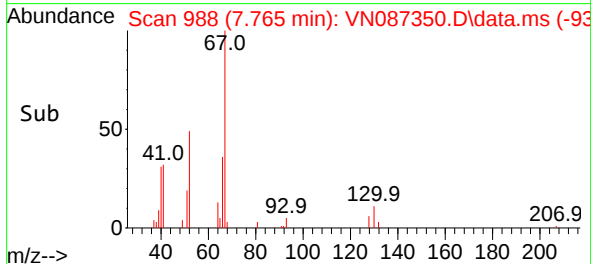
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion:	41	Resp:	70718
Ion Ratio	100	Lower	Upper
39	54.9	43.4	65.0
67	70.1	55.1	82.7
52	28.9	24.9	37.3

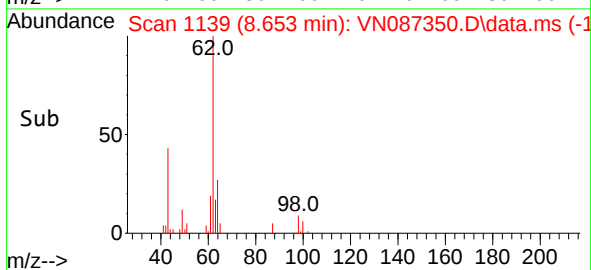
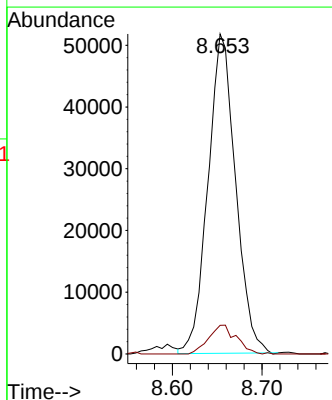
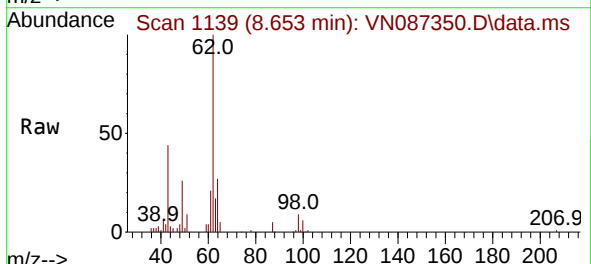
Manual Integrations
APPROVED

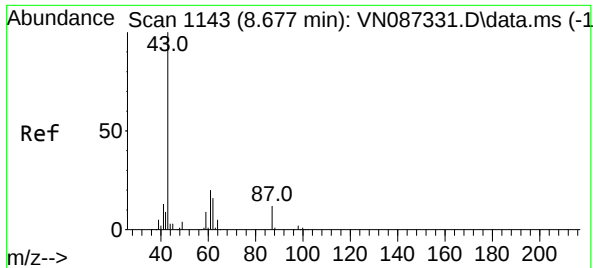
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#42
1,2-Dichloroethane
Concen: 18.562 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

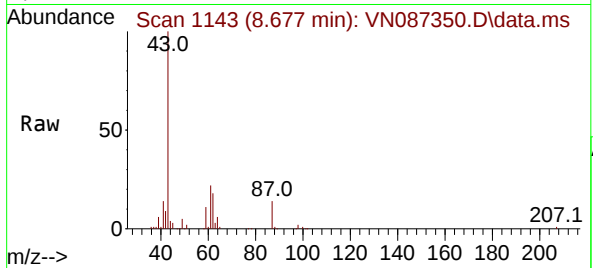
Tgt Ion:	62	Resp:	110399
Ion Ratio	100	Lower	Upper
98	9.0	0.0	18.0





#43
Isopropyl Acetate
Concen: 18.799 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

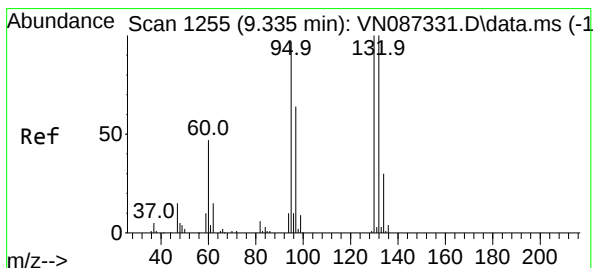
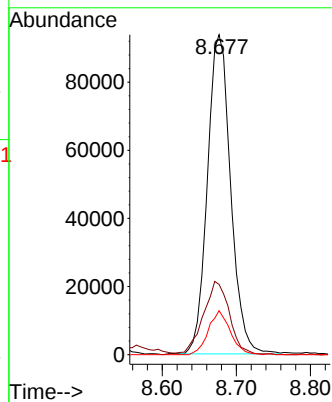
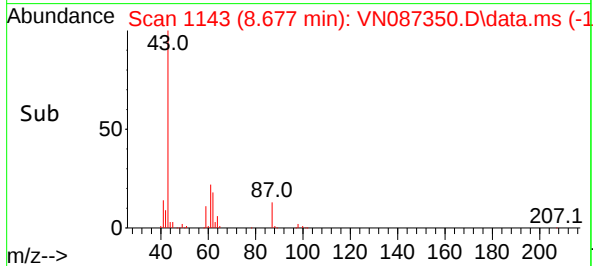
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 43 Resp: 20452
Ion Ratio Lower Upper
43 100
61 25.9 19.8 29.8
87 13.0 9.8 14.6

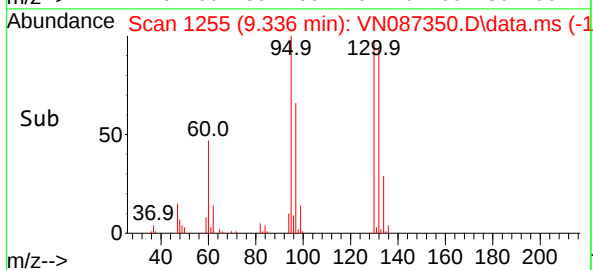
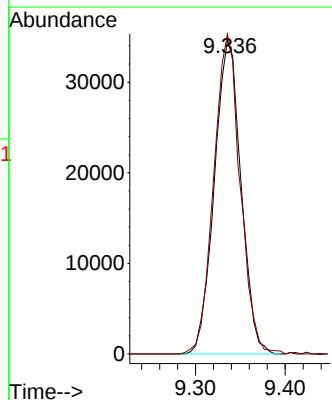
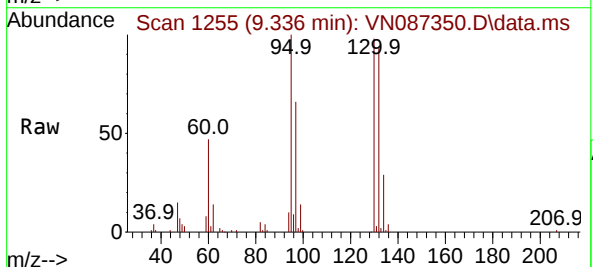
Manual Integrations
APPROVED

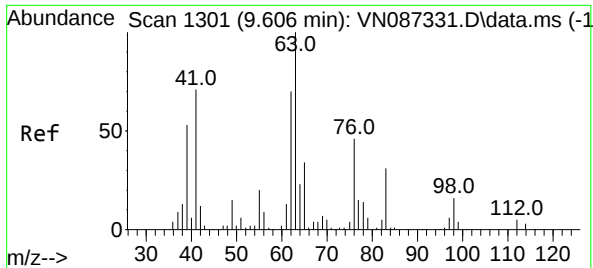
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#44
Trichloroethene
Concen: 19.273 ug/l
RT: 9.336 min Scan# 1255
Delta R.T. 0.001 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Tgt Ion:130 Resp: 71423
Ion Ratio Lower Upper
130 100
95 102.0 0.0 195.2





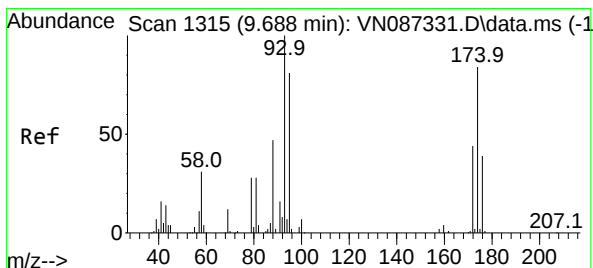
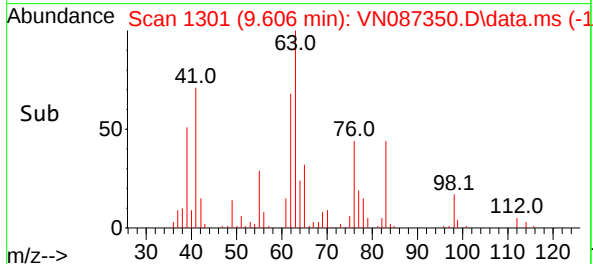
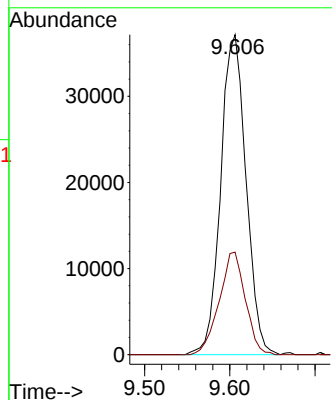
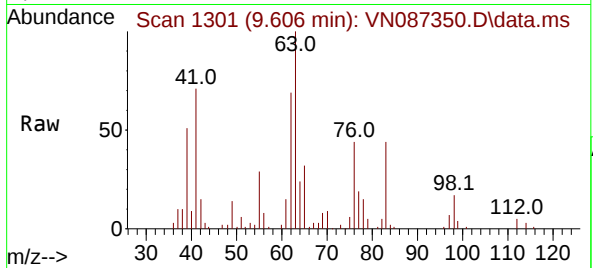
#45
1,2-Dichloropropane
Concen: 19.273 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01

Tgt Ion: 63 Resp: 7680
Ion Ratio Lower Upper
63 100
65 32.0 27.0 40.4

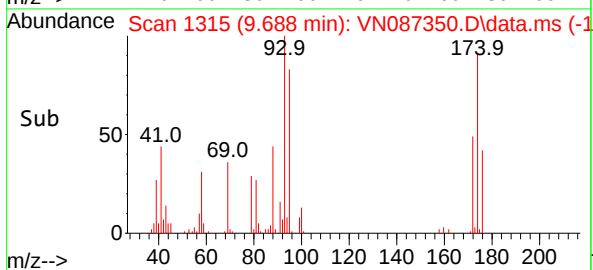
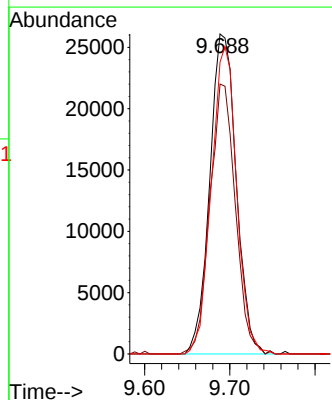
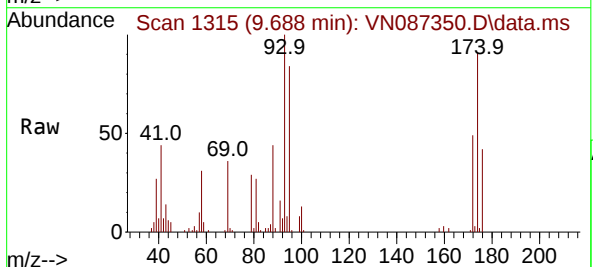
Manual Integrations
APPROVED

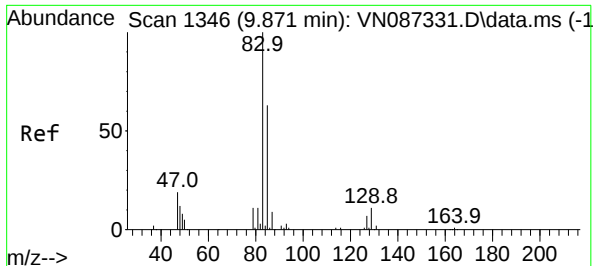
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#46
Dibromomethane
Concen: 18.846 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

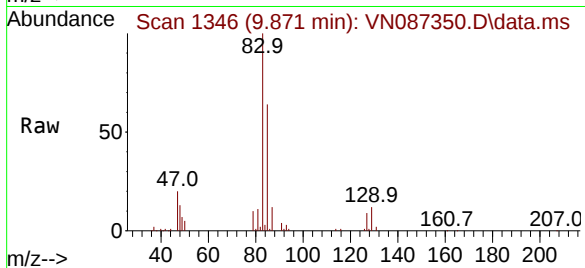
Tgt Ion: 93 Resp: 56231
Ion Ratio Lower Upper
93 100
95 81.3 65.8 98.8
174 92.0 69.9 104.9





#47
Bromodichloromethane
Concen: 18.989 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

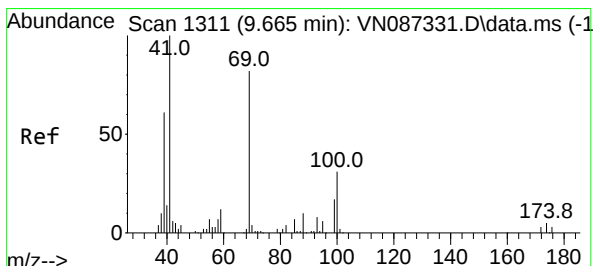
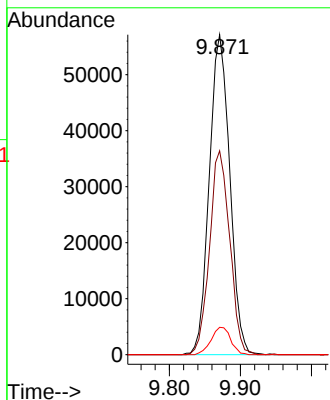
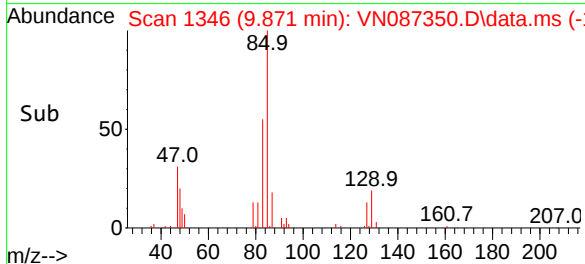
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 83 Resp: 114124
Ion Ratio Lower Upper
83 100
85 63.7 50.4 75.6
127 8.6 5.8 8.8

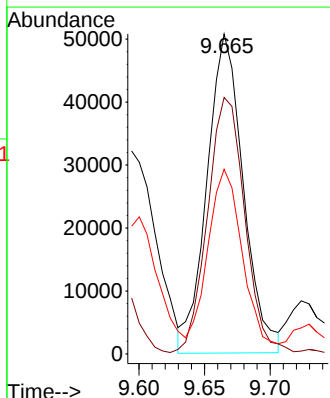
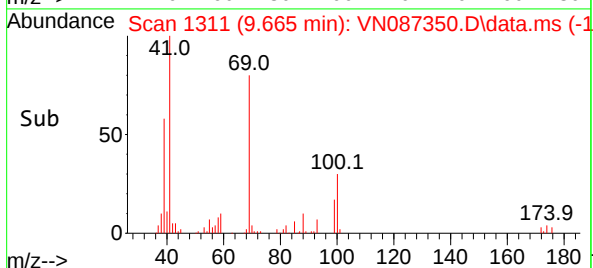
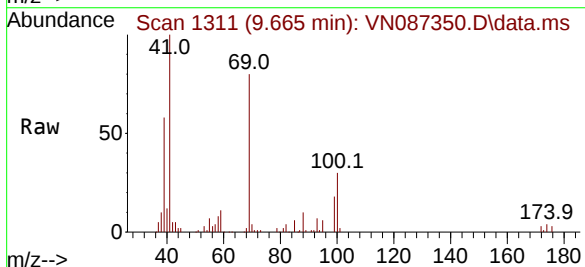
Manual Integrations
APPROVED

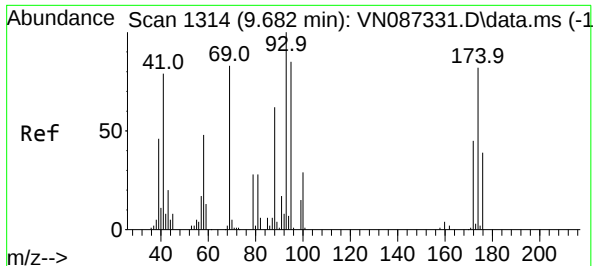
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#48
Methyl methacrylate
Concen: 19.932 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

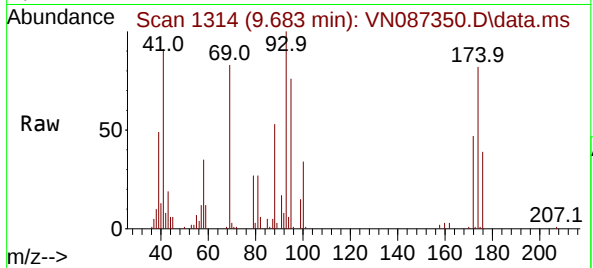
Tgt Ion: 41 Resp: 97622
Ion Ratio Lower Upper
41 100
69 81.5 64.1 96.1
39 56.6 45.5 68.3





#49
1,4-Dioxane
Concen: 355.516 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.001 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

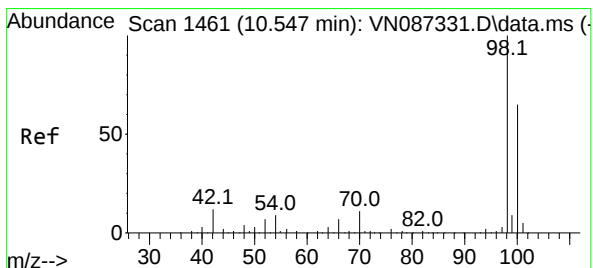
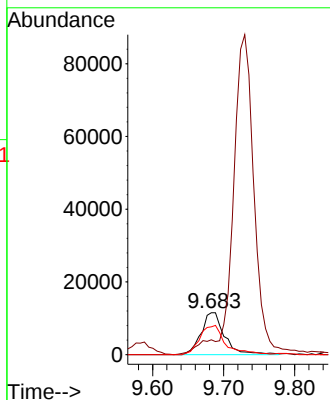
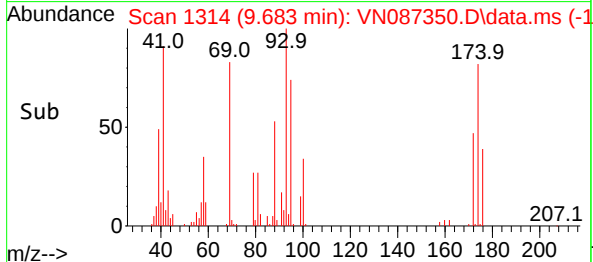
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



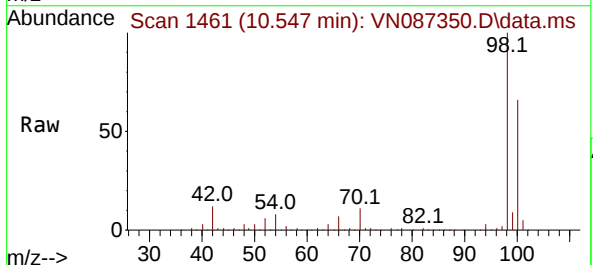
Tgt Ion: 88 Resp: 26669
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 75.5 61.1 91.7

Manual Integrations
APPROVED

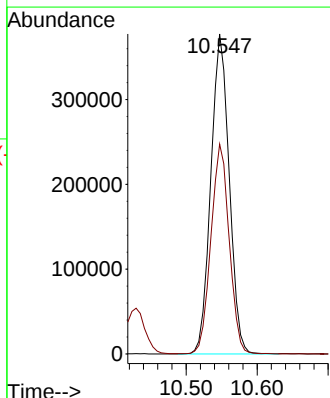
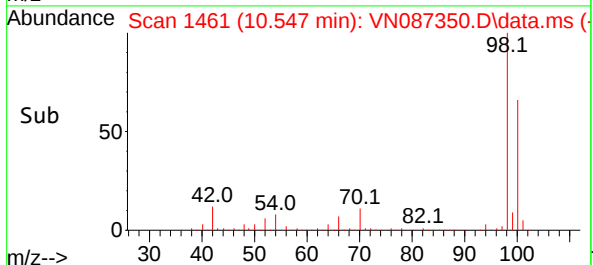
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

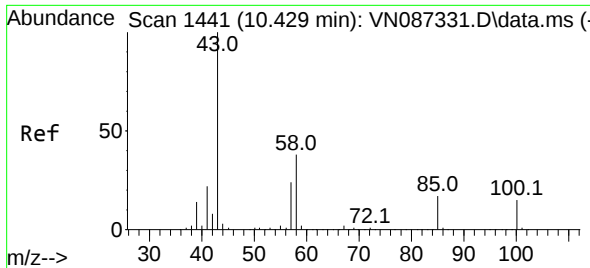


#50
Toluene-d8
Concen: 51.589 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14



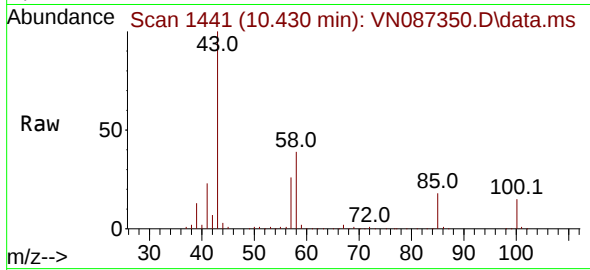
Tgt Ion: 98 Resp: 675911
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 94.041 ug/l
RT: 10.430 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

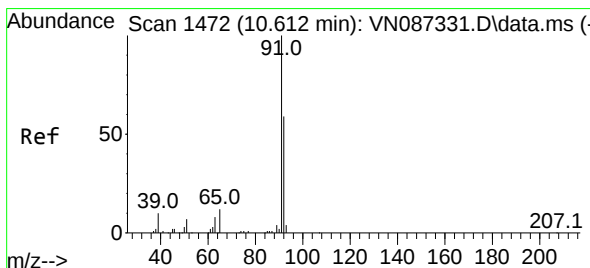
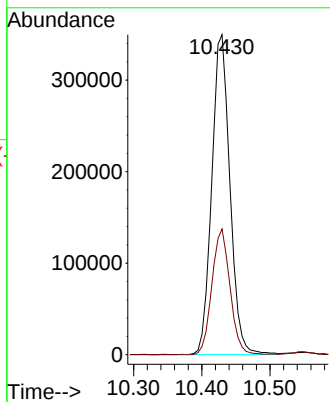
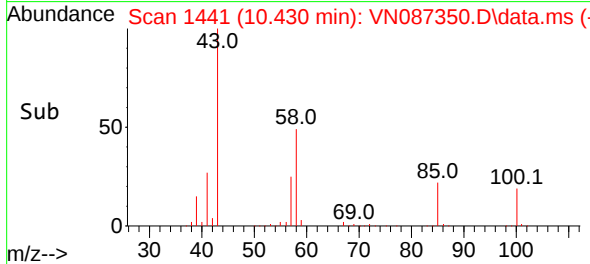
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 43 Resp: 64709
Ion Ratio Lower Upper
43 100
58 39.2 30.8 46.2

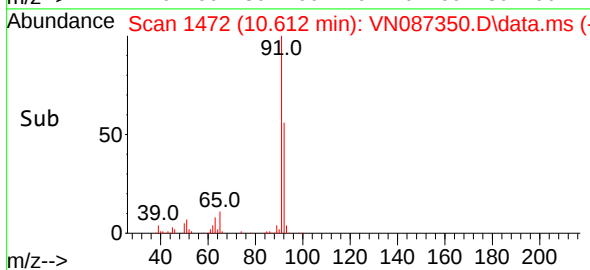
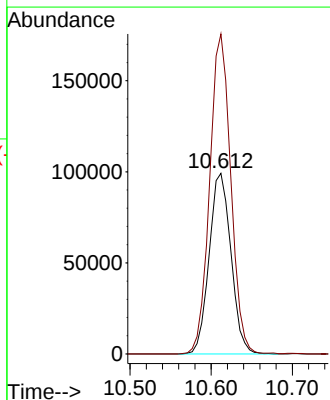
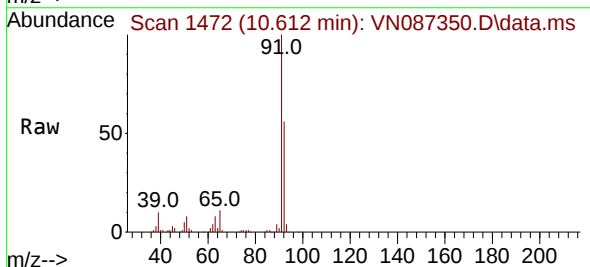
Manual Integrations
APPROVED

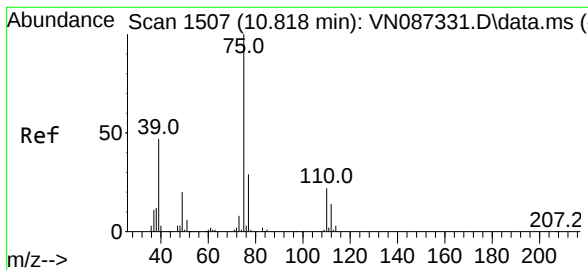
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#52
Toluene
Concen: 19.400 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

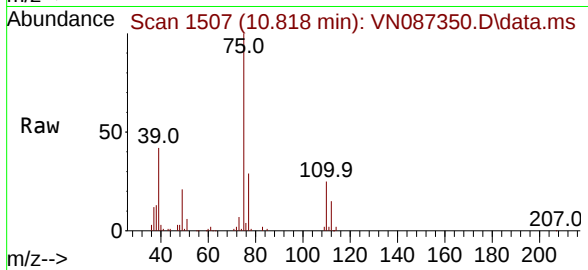
Tgt Ion: 92 Resp: 184942
Ion Ratio Lower Upper
92 100
91 171.7 135.1 202.7





#53
t-1,3-Dichloropropene
Concen: 20.175 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

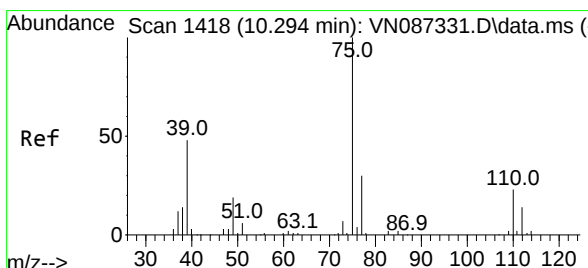
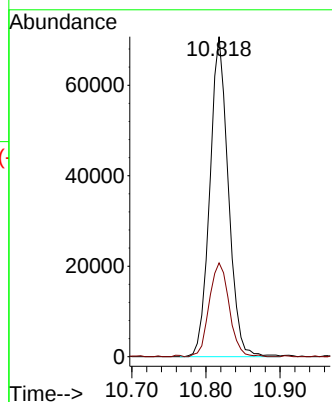
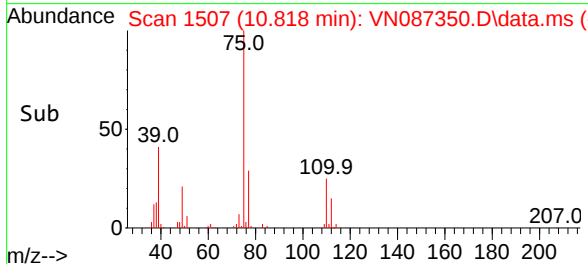
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 75 Resp: 122710
Ion Ratio Lower Upper
75 100
77 29.3 23.6 35.4

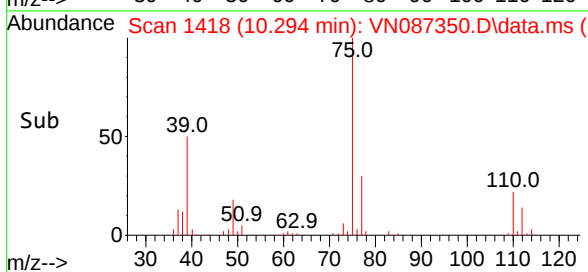
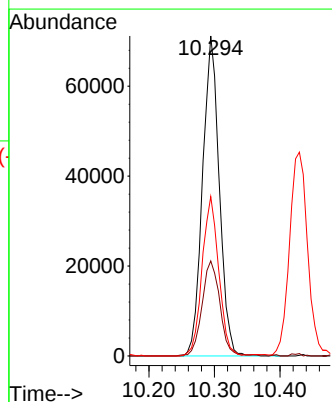
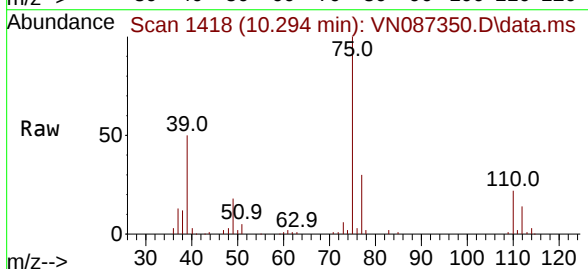
Manual Integrations
APPROVED

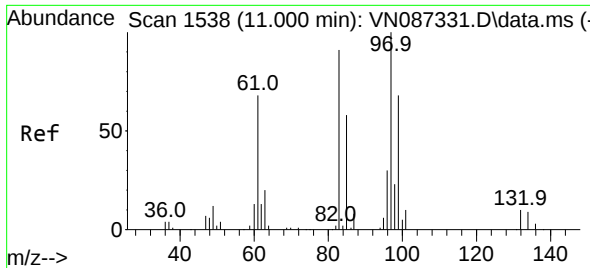
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#54
cis-1,3-Dichloropropene
Concen: 20.145 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

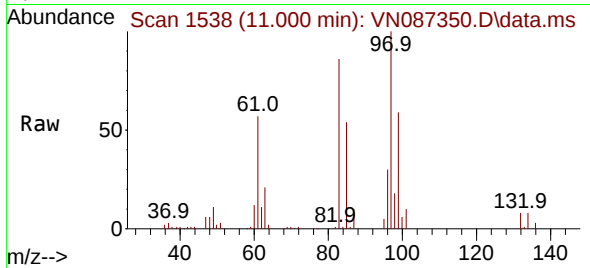
Tgt Ion: 75 Resp: 126569
Ion Ratio Lower Upper
75 100
77 29.7 24.2 36.2
39 49.8 38.4 57.6





#55
1,1,2-Trichloroethane
Concen: 19.386 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

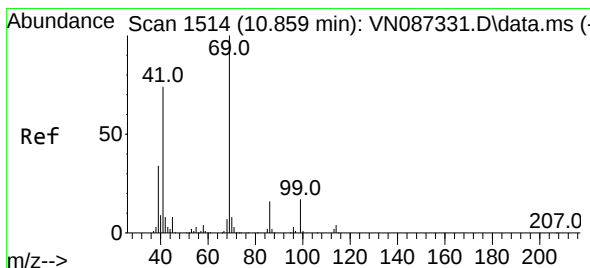
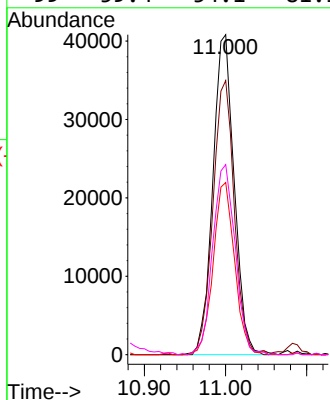
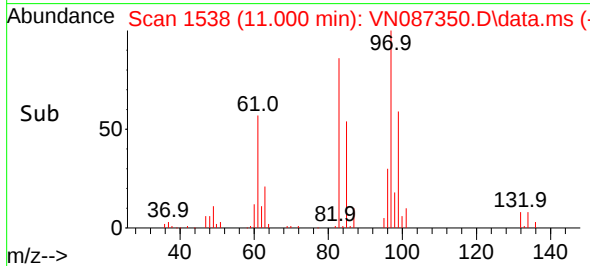
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



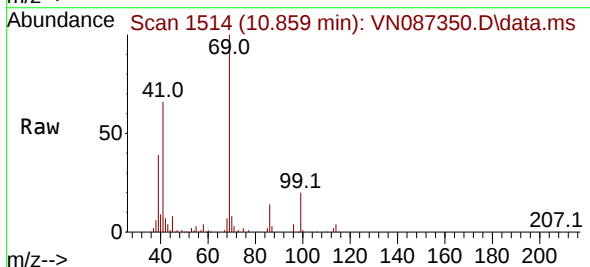
Tgt Ion: 97 Resp: 74818
Ion Ratio Lower Upper
97 100
83 85.6 72.6 109.0
85 53.8 46.7 70.1
99 59.4 54.1 81.1

Manual Integrations
APPROVED

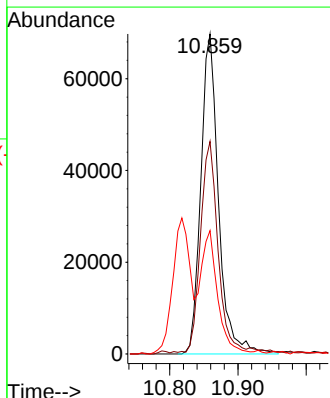
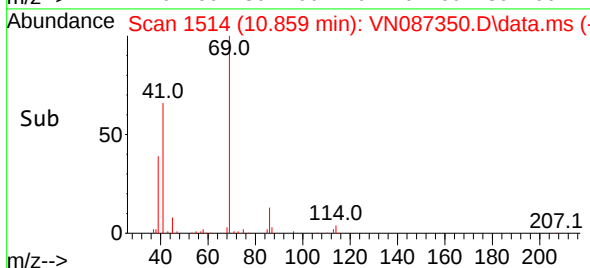
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

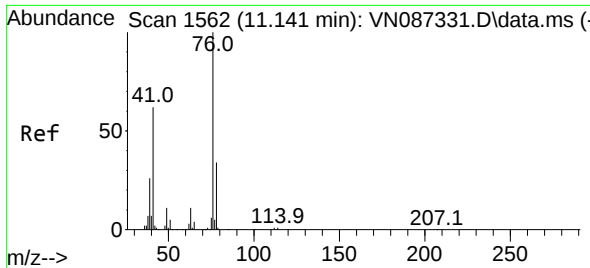


#56
Ethyl methacrylate
Concen: 20.177 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14



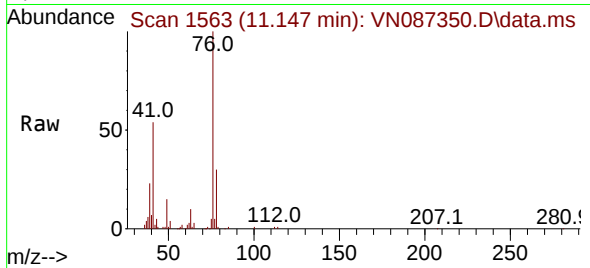
Tgt Ion: 69 Resp: 125912
Ion Ratio Lower Upper
69 100
41 66.5 55.1 82.7
39 36.1 27.9 41.9





#57
1,3-Dichloropropane
Concen: 19.561 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

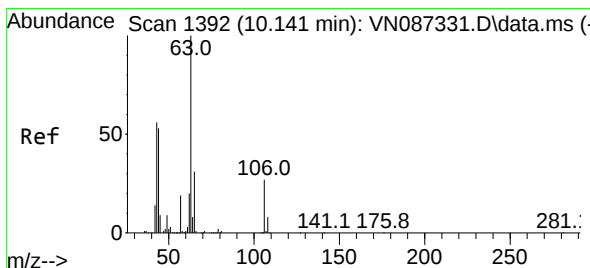
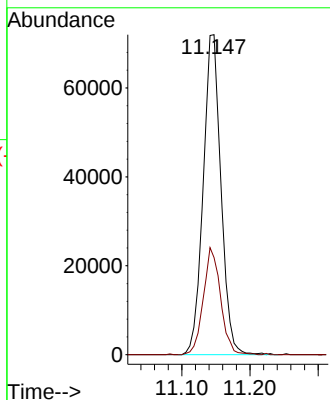
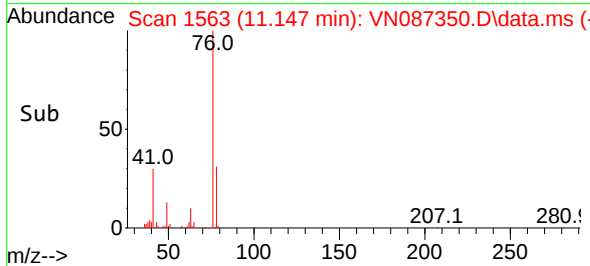
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



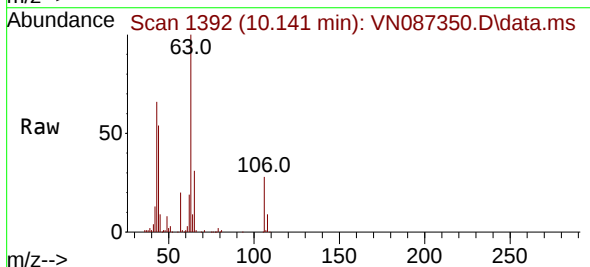
Tgt Ion: 76 Resp: 130529
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0

Manual Integrations
APPROVED

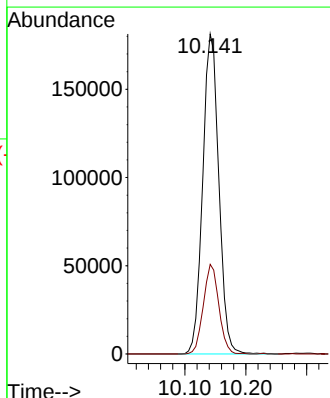
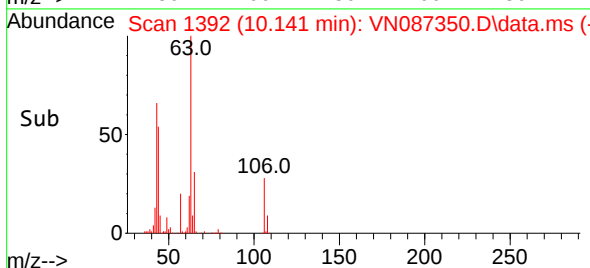
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

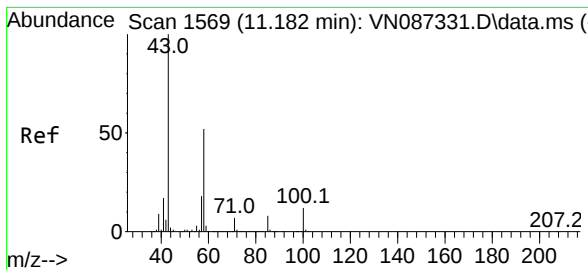


#58
2-Chloroethyl Vinyl ether
Concen: 105.261 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14



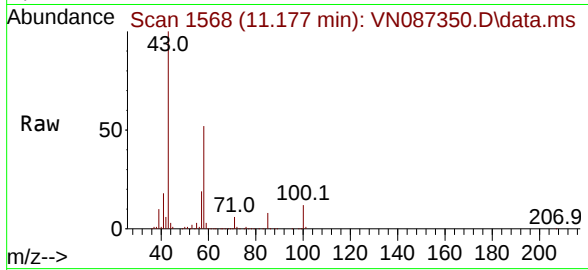
Tgt Ion: 63 Resp: 333252
Ion Ratio Lower Upper
63 100
106 26.9 21.7 32.5





#59
2-Hexanone
Concen: 97.059 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

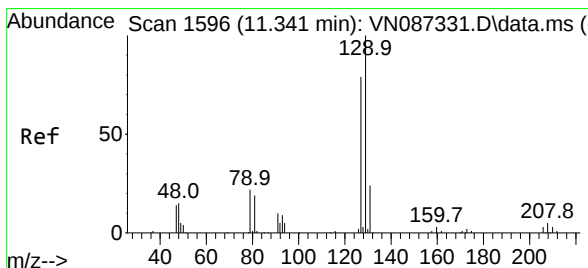
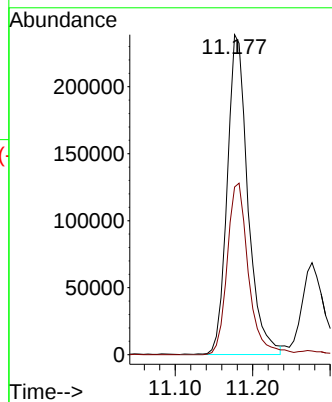
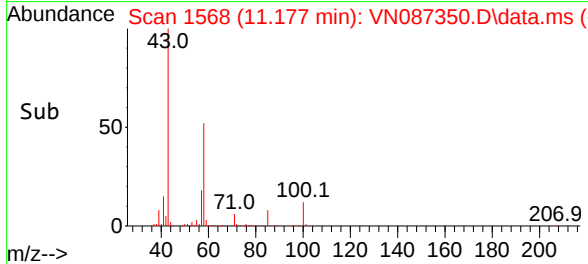
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 43 Resp: 443099
Ion Ratio Lower Upper
43 100
58 55.1 26.7 80.0

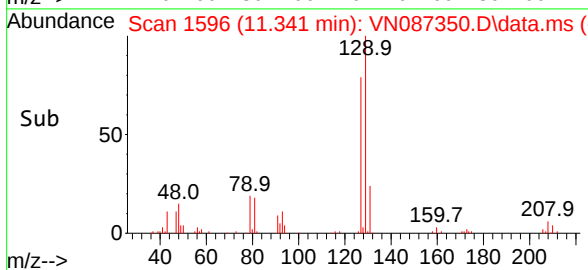
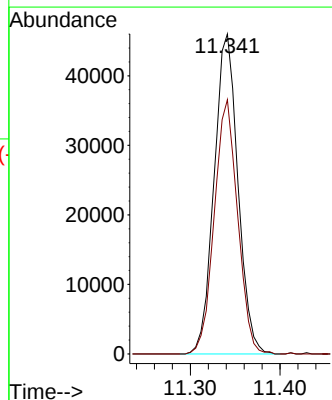
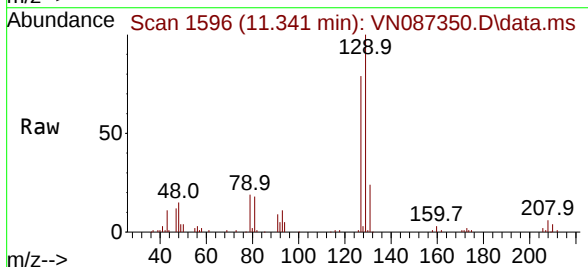
Manual Integrations
APPROVED

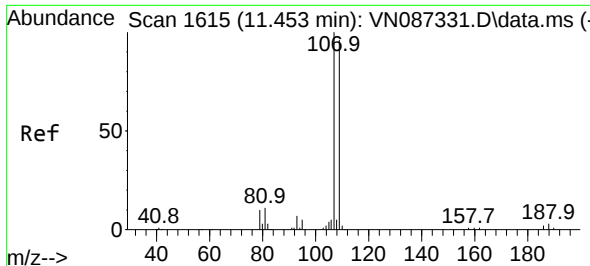
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#60
Dibromochloromethane
Concen: 19.250 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

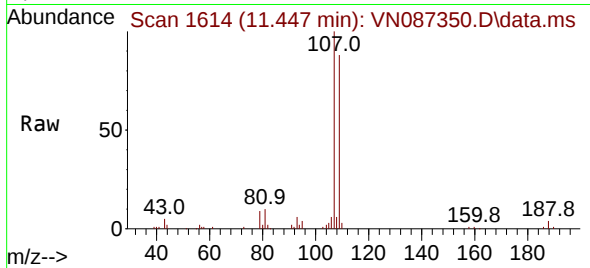
Tgt Ion:129 Resp: 84730
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.5





#61
1,2-Dibromoethane
Concen: 19.417 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

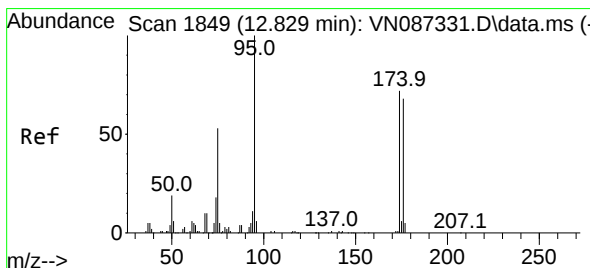
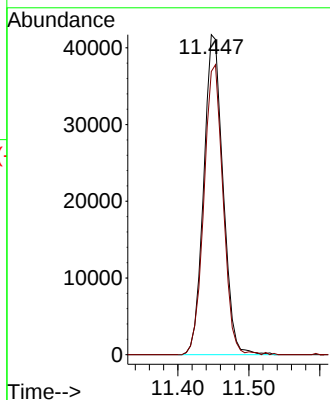
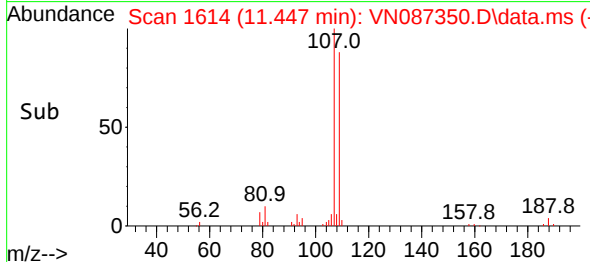
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion:107 Resp: 78795
Ion Ratio Lower Upper
107 100
109 89.8 77.5 116.3

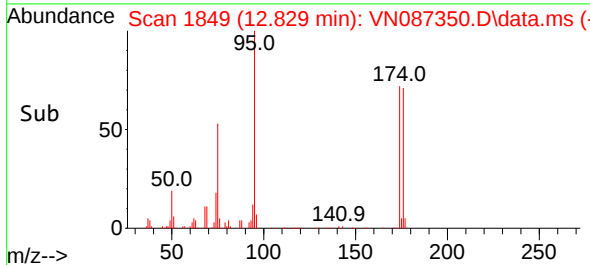
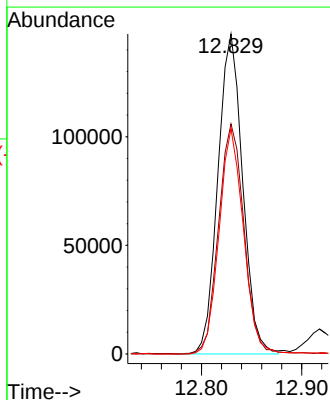
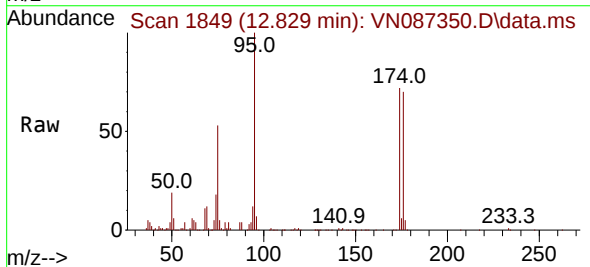
Manual Integrations
APPROVED

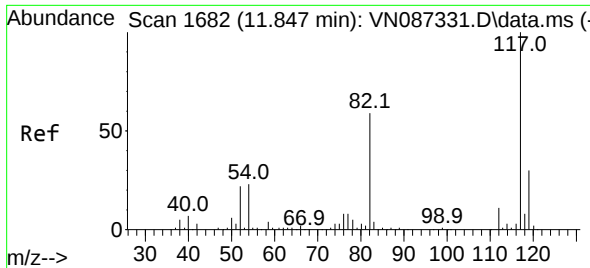
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#62
4-Bromofluorobenzene
Concen: 52.164 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

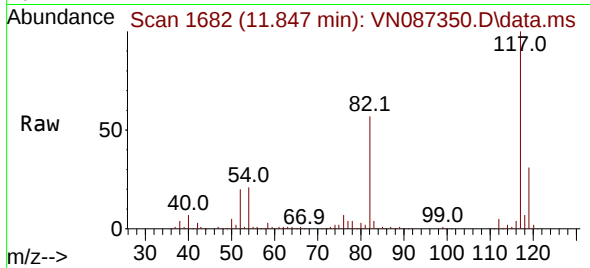
Tgt Ion: 95 Resp: 252504
Ion Ratio Lower Upper
95 100
174 73.7 0.0 149.4
176 69.6 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

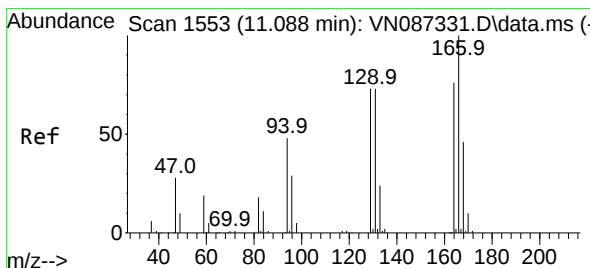
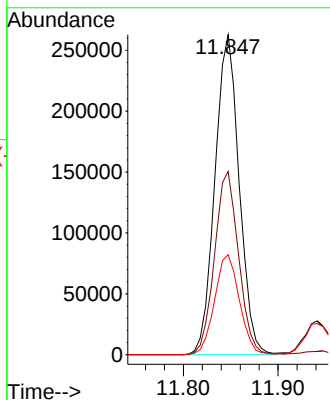
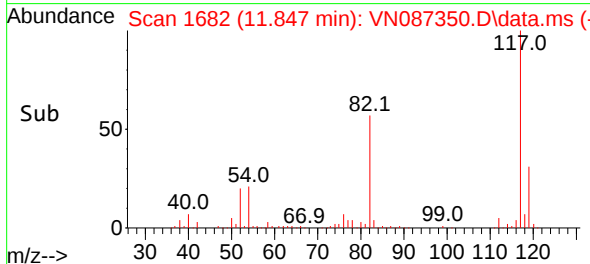
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion:117 Resp: 467660
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.2 23.8 35.8

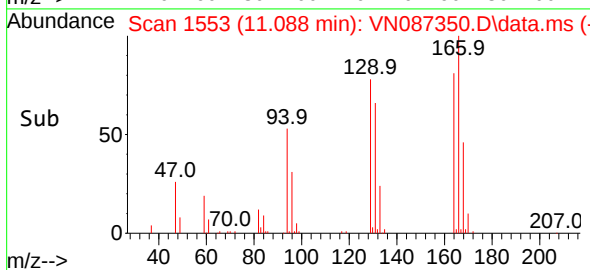
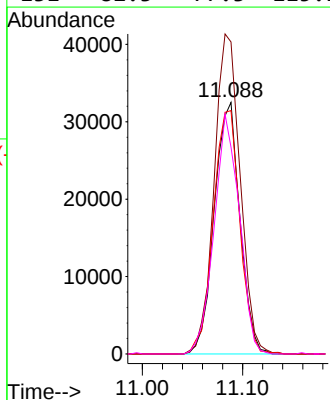
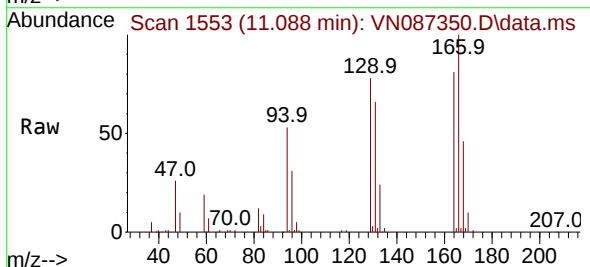
Manual Integrations
APPROVED

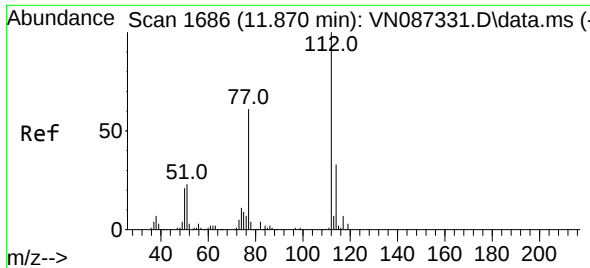
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#64
Tetrachloroethene
Concen: 19.224 ug/l
RT: 11.088 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

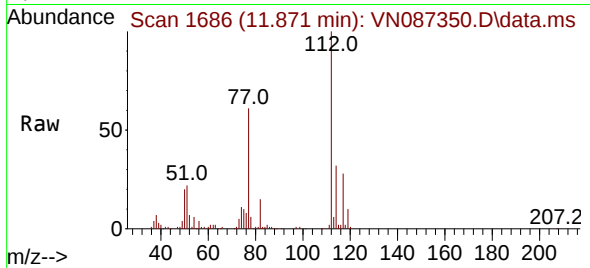
Tgt Ion:164 Resp: 57862
Ion Ratio Lower Upper
164 100
166 124.1 105.5 158.3
129 96.7 77.4 116.2
131 82.3 77.3 115.9





#65
Chlorobenzene
Concen: 19.744 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

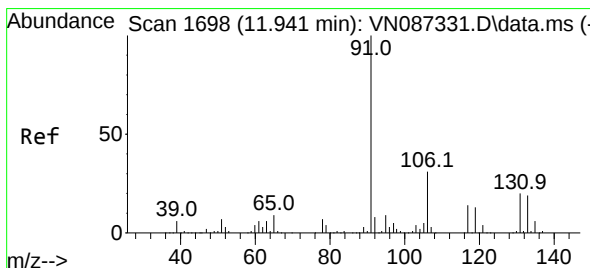
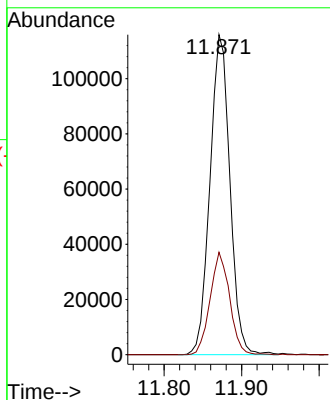
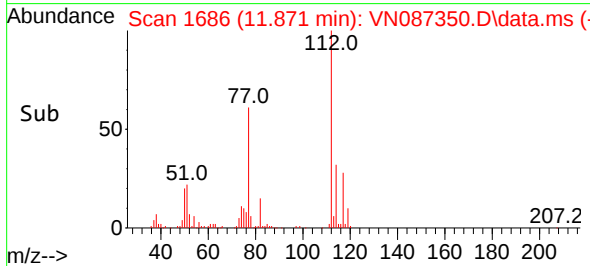
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



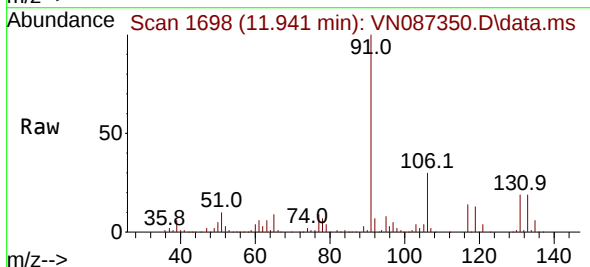
Tgt Ion:112 Resp: 20730
Ion Ratio Lower Upper
112 100
114 32.0 26.5 39.7

Manual Integrations
APPROVED

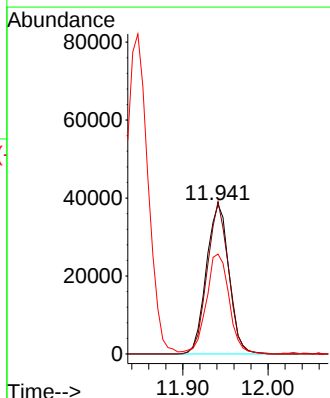
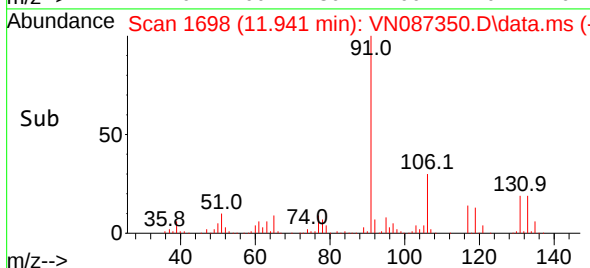
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

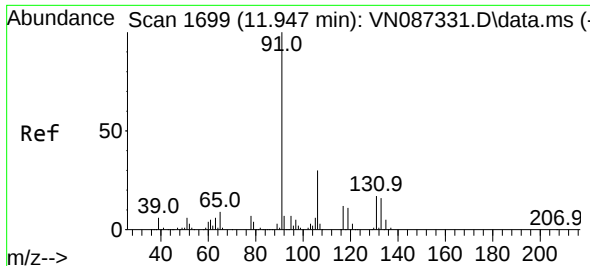


#66
1,1,1,2-Tetrachloroethane
Concen: 19.885 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14



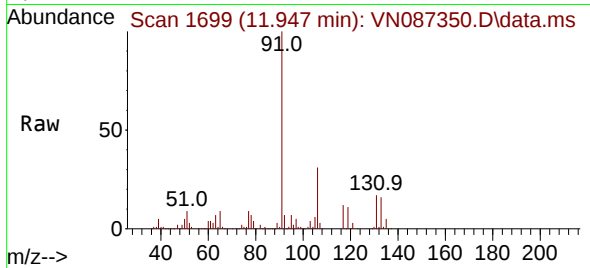
Tgt Ion:131 Resp: 70991
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.3
119 67.1 33.1 99.2





#67
Ethyl Benzene
Concen: 20.327 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

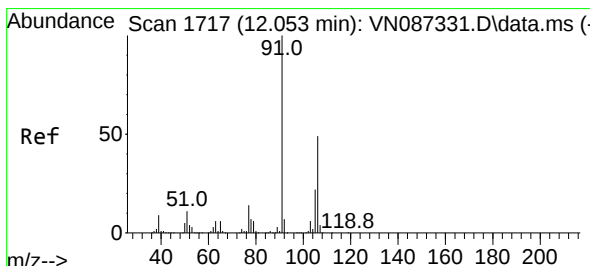
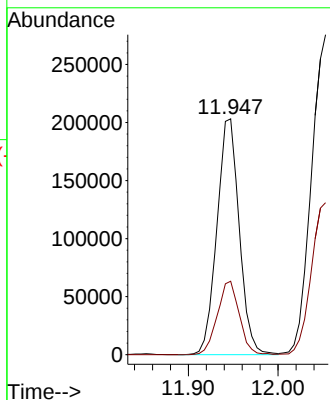
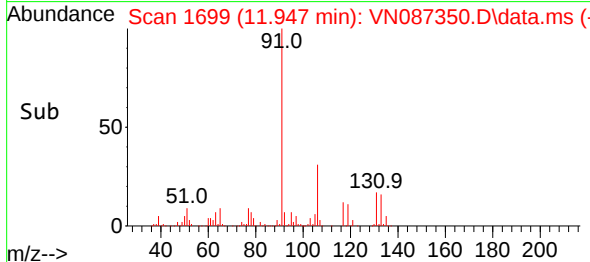
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 91 Resp: 351334
Ion Ratio Lower Upper
91 100
106 31.1 24.3 36.5

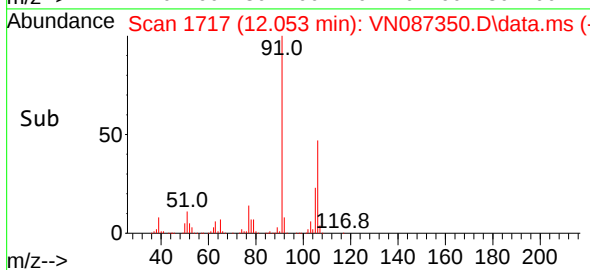
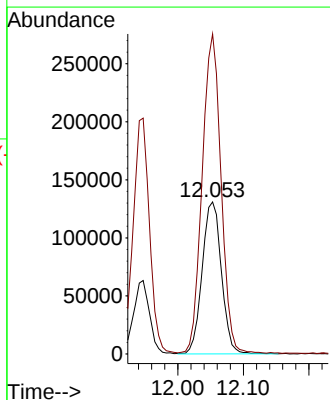
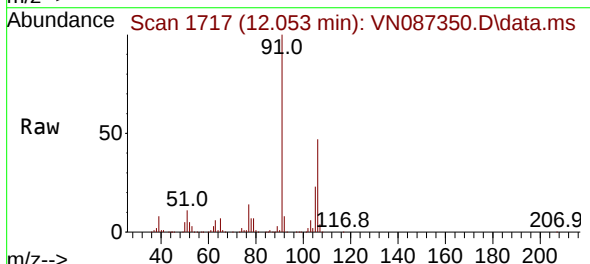
Manual Integrations
APPROVED

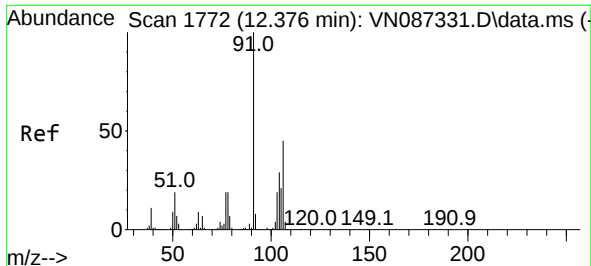
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#68
m/p-Xylenes
Concen: 41.250 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Tgt Ion:106 Resp: 266983
Ion Ratio Lower Upper
106 100
91 206.0 162.0 243.0





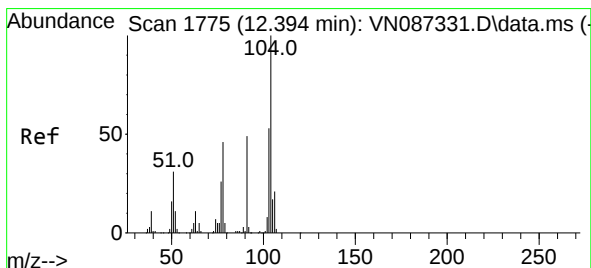
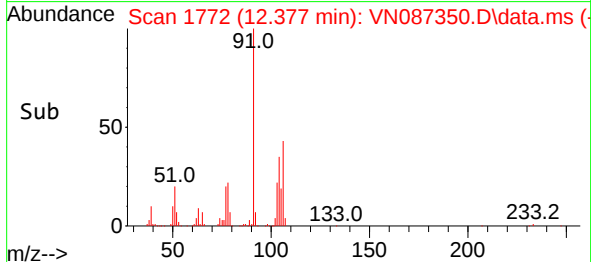
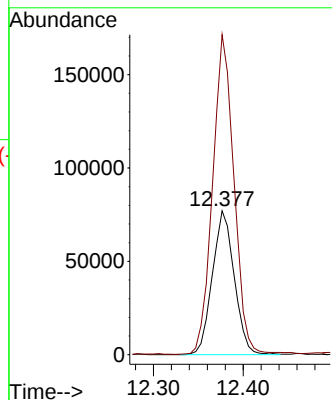
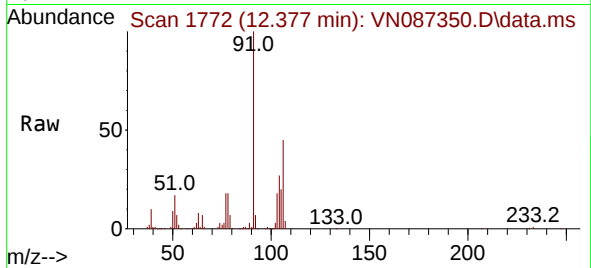
#69
o-Xylene
Concen: 21.170 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01

Tgt Ion:106 Resp: 130884
Ion Ratio Lower Upper
106 100
91 216.9 107.7 323.3

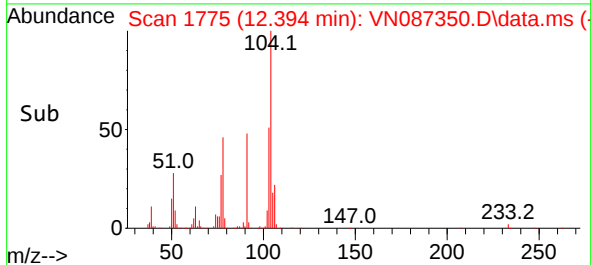
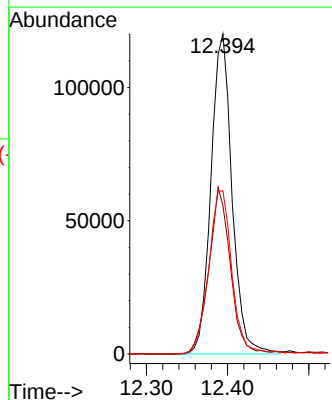
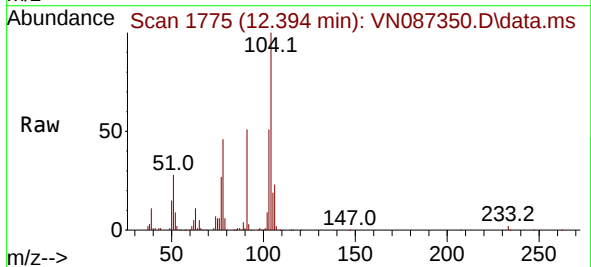
Manual Integrations
APPROVED

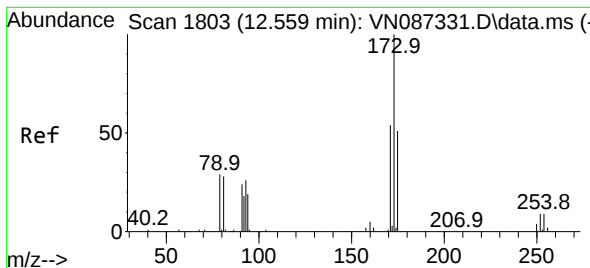
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#70
Styrene
Concen: 20.850 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Tgt Ion:104 Resp: 216849
Ion Ratio Lower Upper
104 100
78 53.6 41.0 61.6
103 56.4 43.9 65.9





#71

Bromoform

Concen: 19.536 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

Instrument :

MSVOA_N

ClientSampleId :

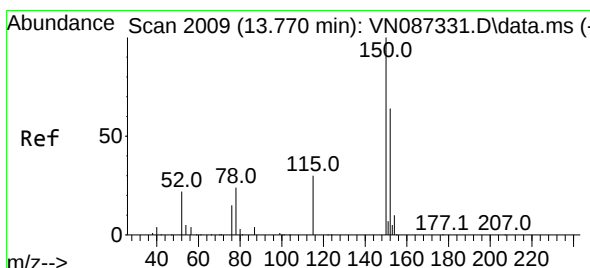
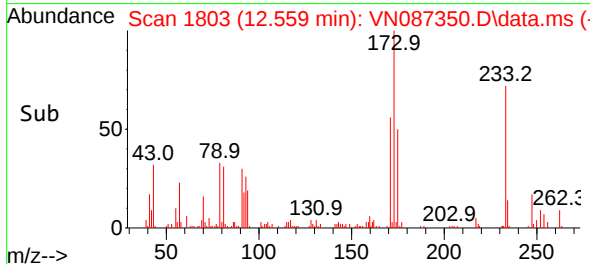
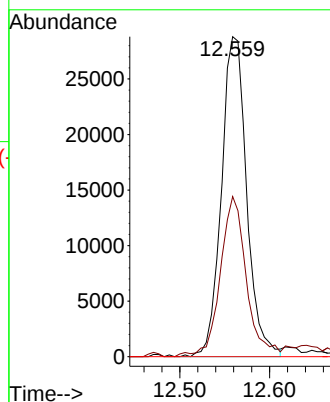
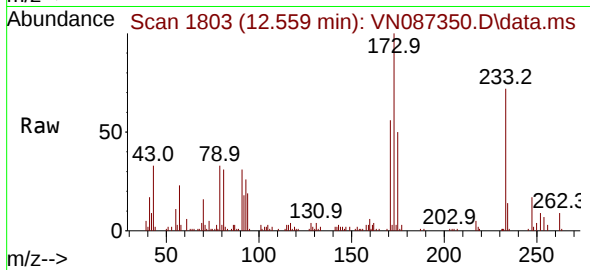
VN0717MBS01

Tgt Ion:	173	Resp:	56340
Ion Ratio	Lower	Upper	
173	100		
175	51.6	24.1	72.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

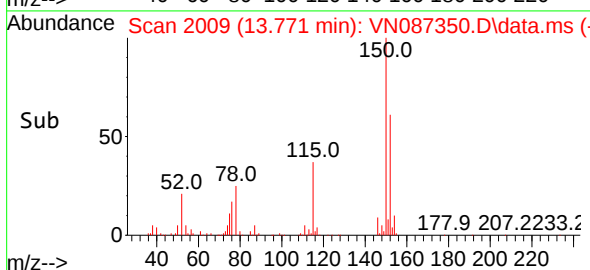
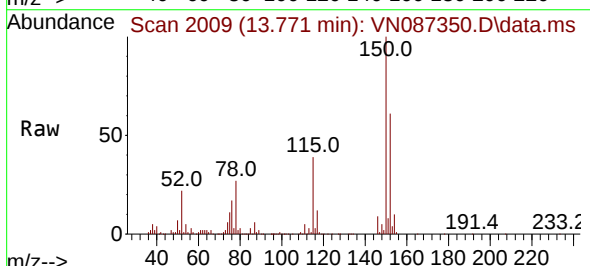
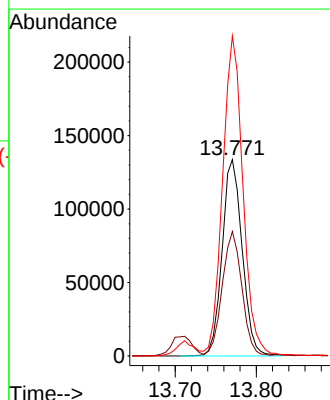
RT: 13.771 min Scan# 2009

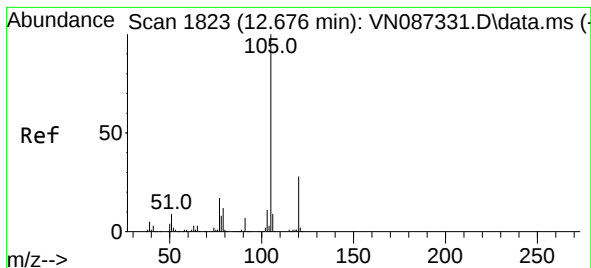
Delta R.T. 0.000 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

Tgt Ion:	152	Resp:	229639
Ion Ratio	Lower	Upper	
152	100		
115	61.3	31.1	93.5
150	164.6	0.0	349.0





#73

Isopropylbenzene

Concen: 24.083 ug/l

RT: 12.677 min Scan# 1823

Delta R.T. 0.000 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBSD01

Tgt Ion:105 Resp: 34807

Ion Ratio Lower Upper

105 100

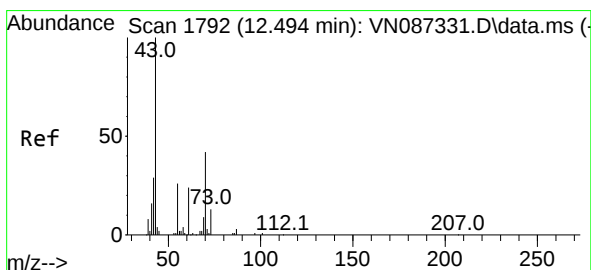
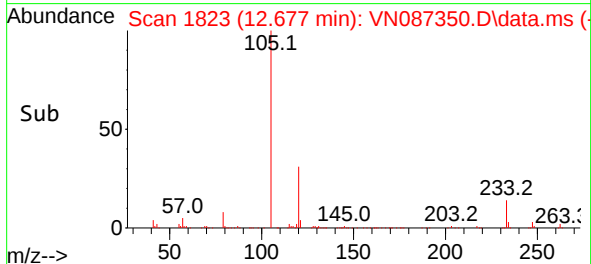
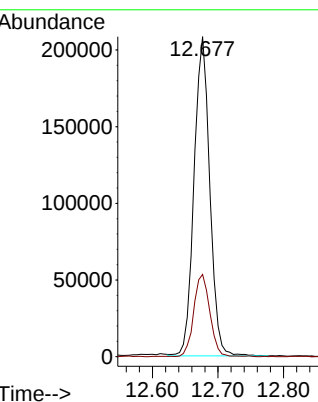
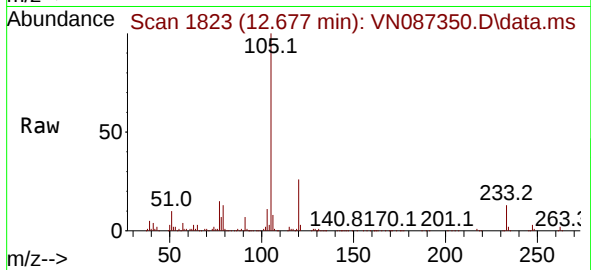
120 26.1 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#74

N-ethyl acetate

Concen: 19.227 ug/l m

RT: 12.506 min Scan# 1794

Delta R.T. 0.012 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

Tgt Ion: 43 Resp: 115459

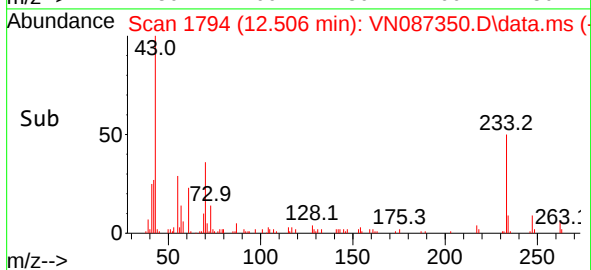
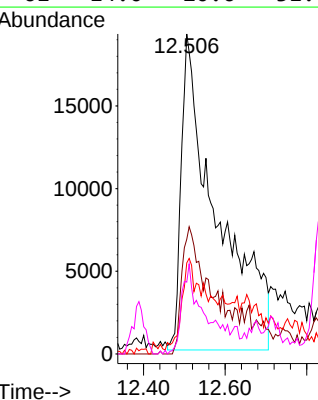
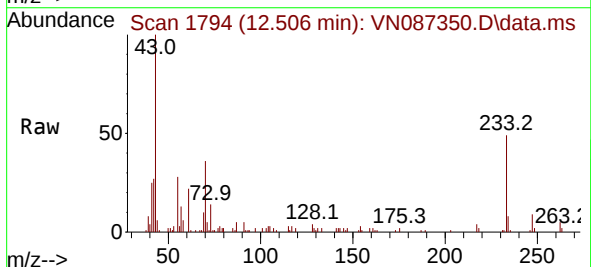
Ion Ratio Lower Upper

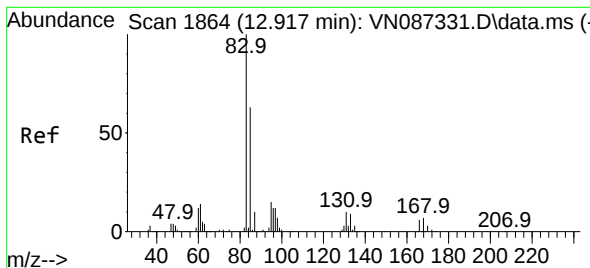
43 100

70 19.5 37.6 56.4#

55 16.0 19.6 29.4#

61 14.0 20.6 31.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.571 ug/l

RT: 12.918 min Scan# 1187

Delta R.T. 0.000 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

Instrument :

MSVOA_N

ClientSampleId :

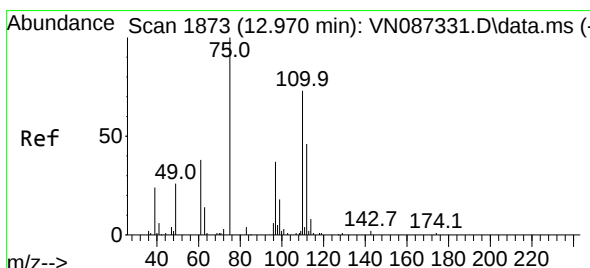
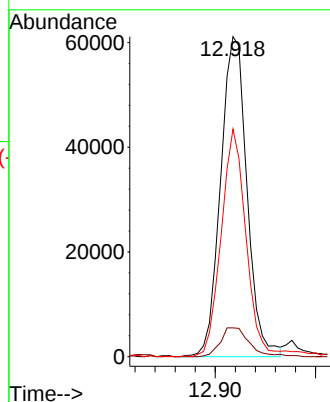
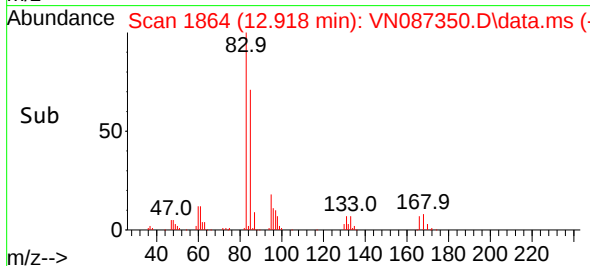
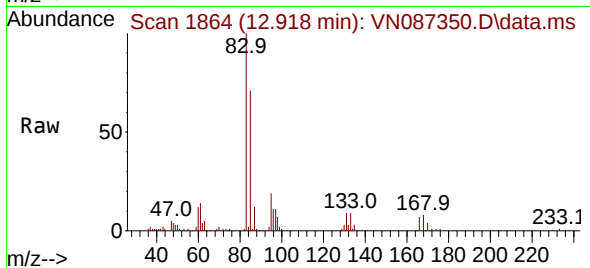
VN0717MBS01

Tgt Ion: 83 Resp: 11187
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.1 15.3
 85 68.7 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#76

1,2,3-Trichloropropane

Concen: 18.897 ug/l m

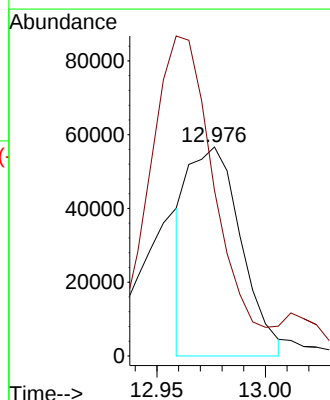
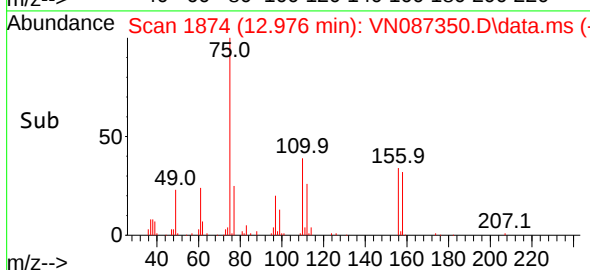
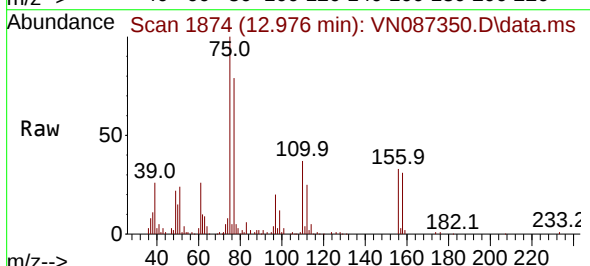
RT: 12.976 min Scan# 1874

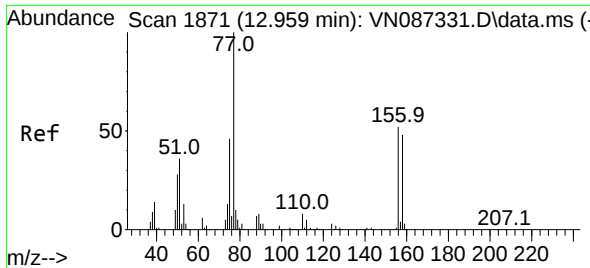
Delta R.T. 0.006 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

Tgt Ion: 75 Resp: 97307
 Ion Ratio Lower Upper
 75 100
 77 188.9 94.5 283.6





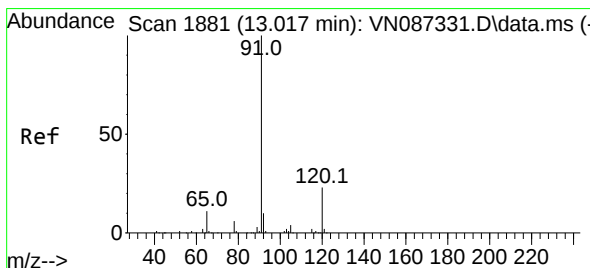
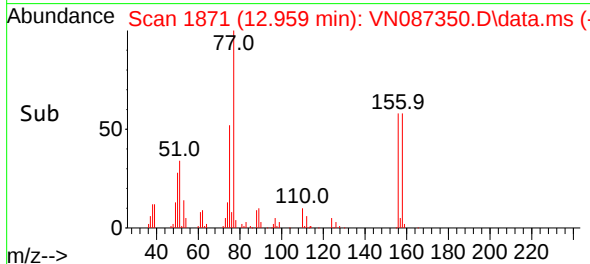
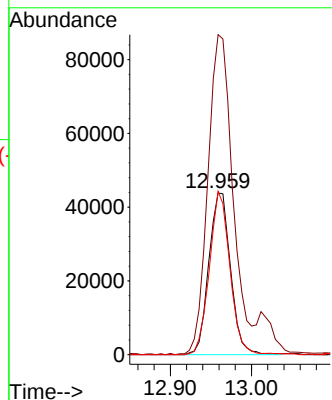
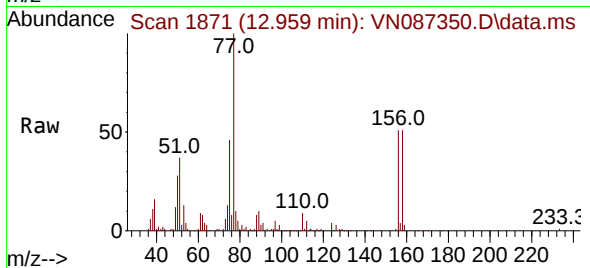
#77
Bromobenzene
Concen: 21.751 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01

Tgt Ion:156 Resp: 81529
Ion Ratio Lower Upper
156 100
77 225.4 114.9 344.6
158 95.8 48.5 145.5

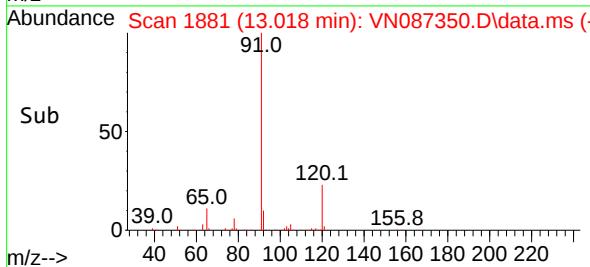
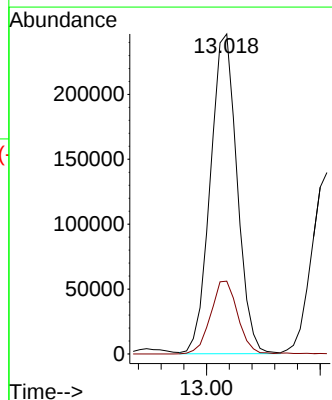
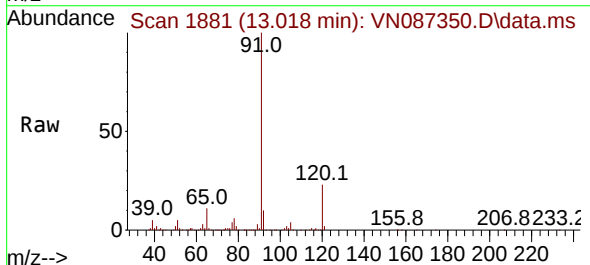
Manual Integrations
APPROVED

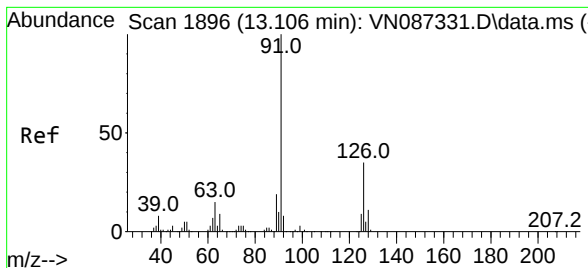
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#78
n-propylbenzene
Concen: 22.204 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Tgt Ion: 91 Resp: 403767
Ion Ratio Lower Upper
91 100
120 23.0 11.3 33.8





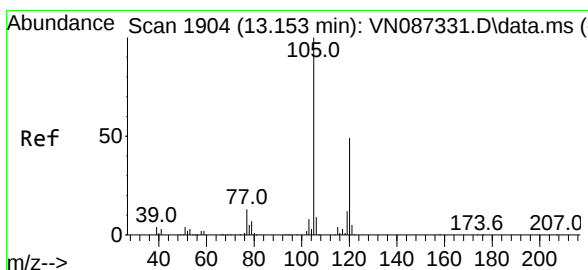
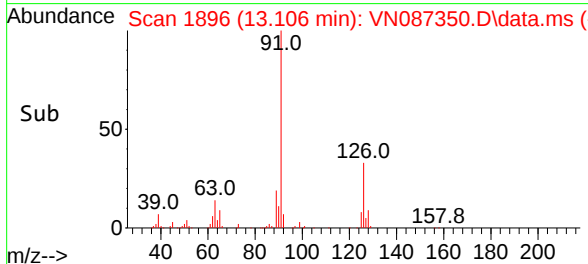
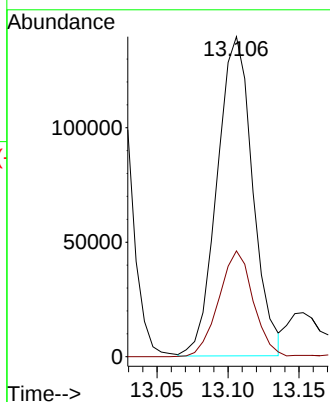
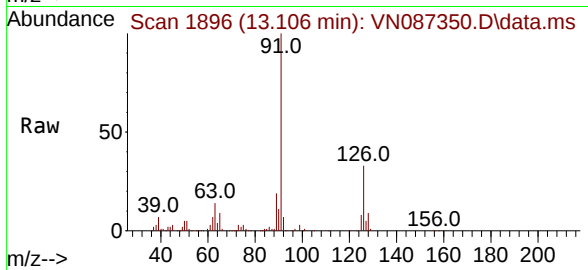
#79
2-Chlorotoluene
Concen: 21.771 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01

Tgt Ion: 91 Resp: 24330
Ion Ratio Lower Upper
91 100
126 32.2 16.9 50.6

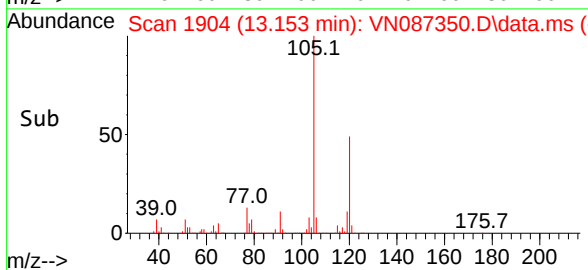
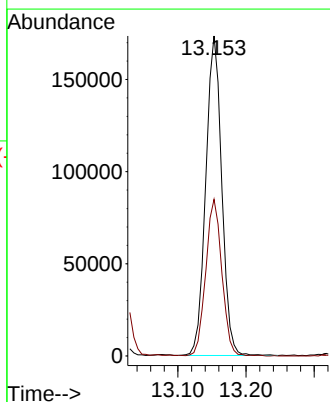
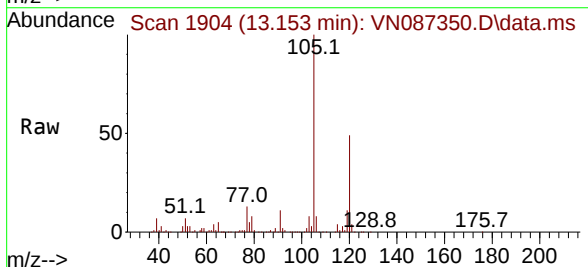
Manual Integrations
APPROVED

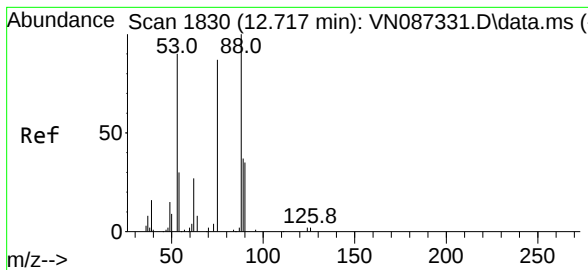
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 22.956 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

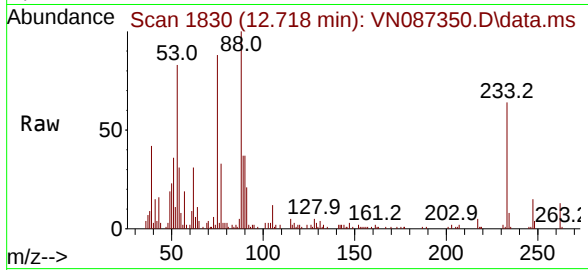
Tgt Ion:105 Resp: 282690
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 21.994 ug/l m
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

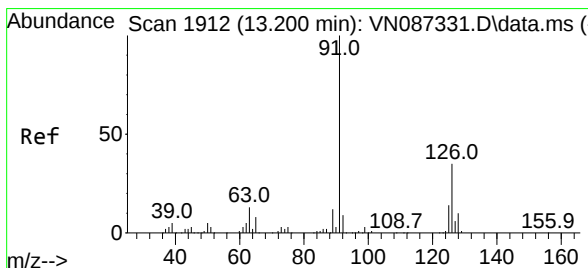
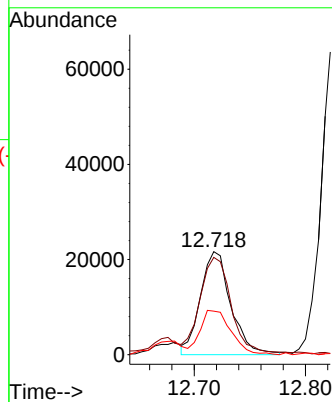
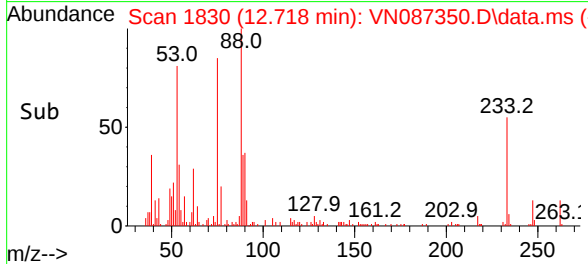
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



Tgt Ion: 75 Resp: 4139
Ion Ratio Lower Upper
75 100
53 96.6 83.5 125.3
89 43.1 38.4 57.6

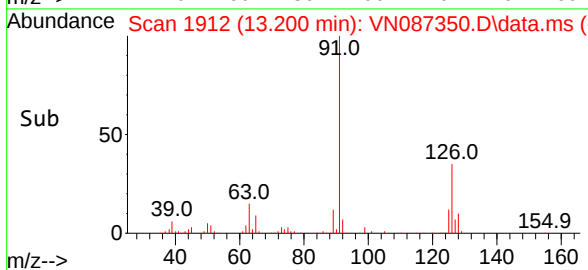
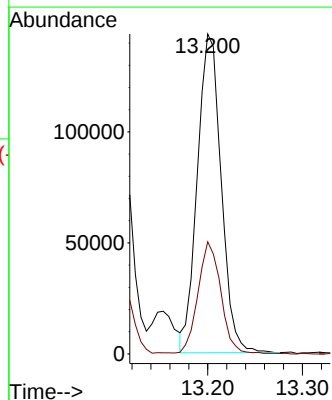
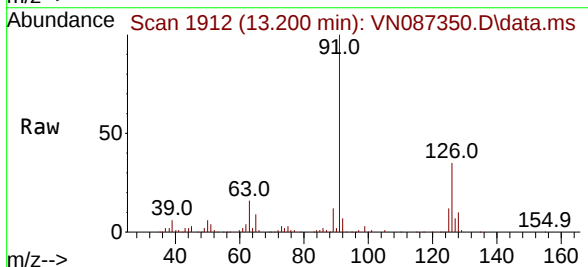
Manual Integrations
APPROVED

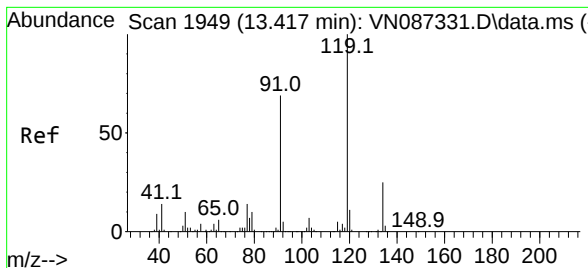
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#82
4-Chlorotoluene
Concen: 21.542 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Tgt Ion: 91 Resp: 250643
Ion Ratio Lower Upper
91 100
126 34.0 16.6 49.7





#83

tert-Butylbenzene

Concen: 23.755 ug/l

RT: 13.418 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

Tgt Ion:119 Resp: 24432

Ion Ratio Lower Upper

119 100

91 68.6 35.0 105.1

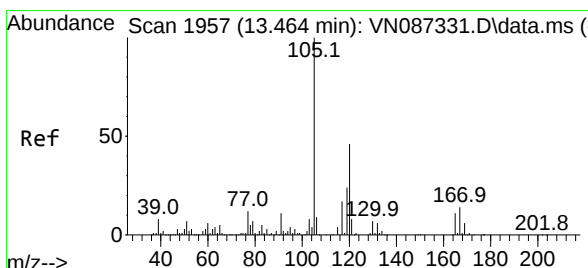
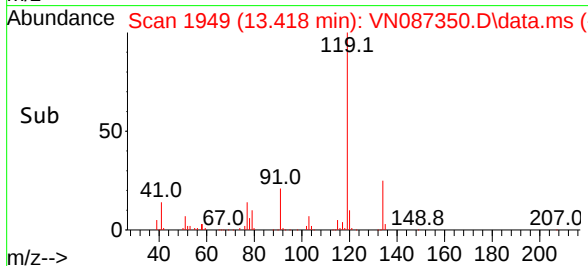
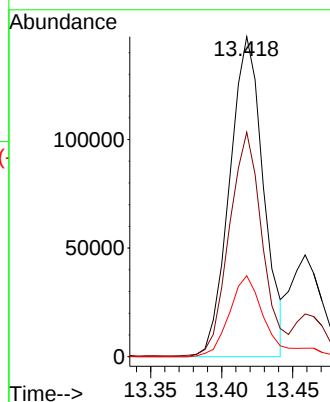
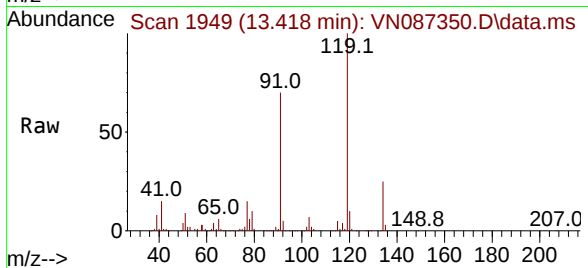
134 27.3 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#84

1,2,4-Trimethylbenzene

Concen: 23.179 ug/l

RT: 13.465 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN087350.D

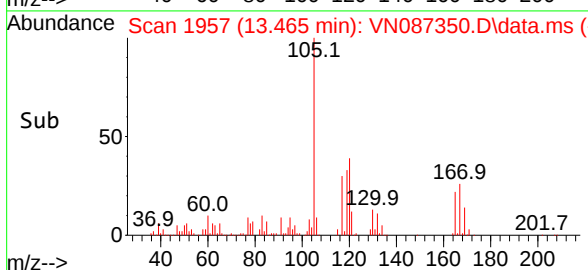
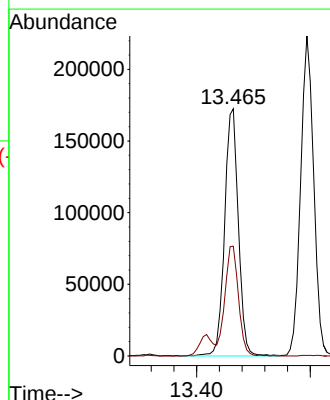
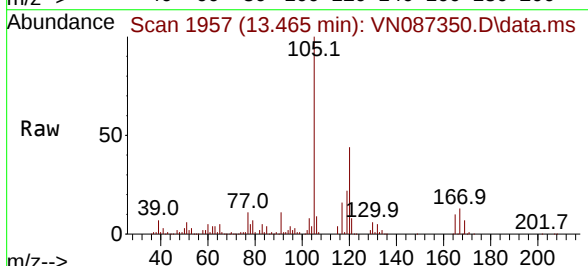
Acq: 17 Jul 2025 17:14

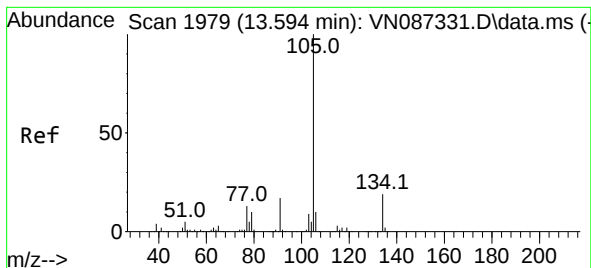
Tgt Ion:105 Resp: 291495

Ion Ratio Lower Upper

105 100

120 43.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 22.899 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

Instrument :

MSVOA_N

ClientSampleId :

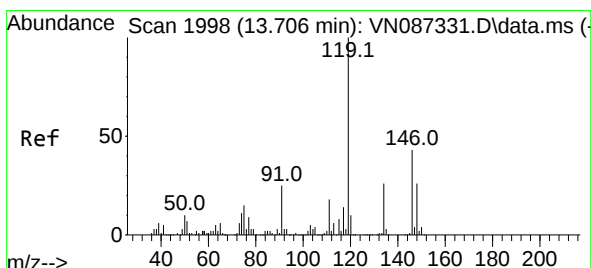
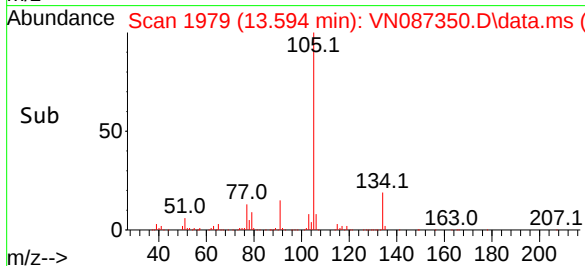
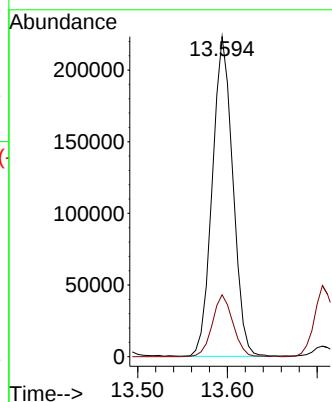
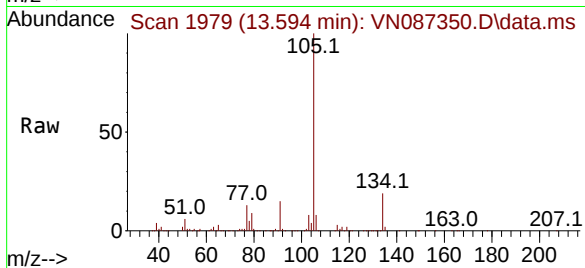
VN0717MBSD01

Tgt Ion:105 Resp: 35475
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025



#86

p-Isopropyltoluene

Concen: 23.809 ug/l

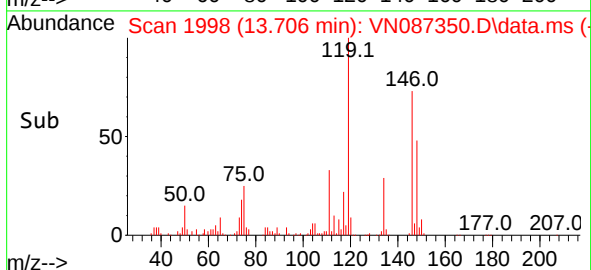
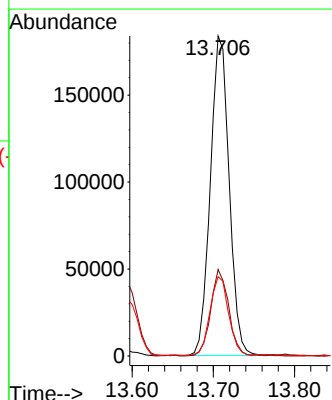
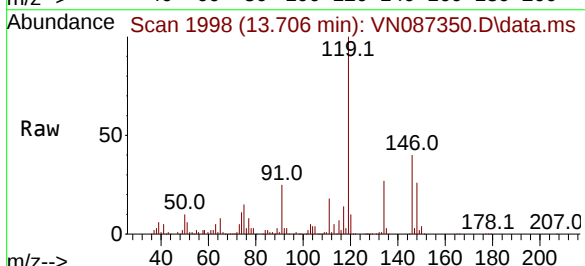
RT: 13.706 min Scan# 1998

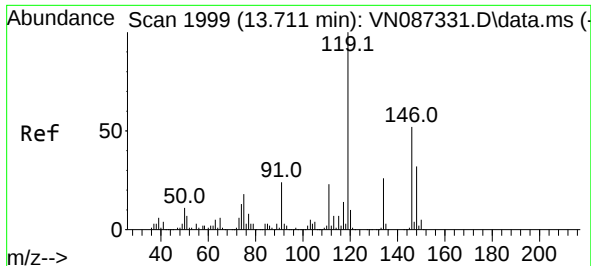
Delta R.T. 0.000 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

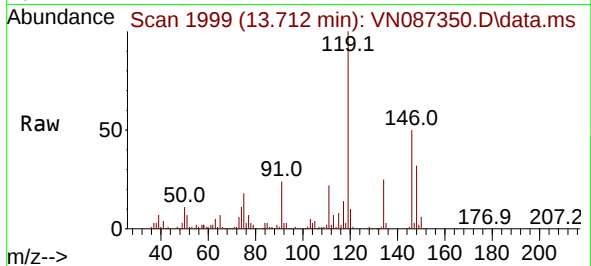
Tgt Ion:119 Resp: 295597
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.5 40.5
 91 24.7 12.2 36.6





#87
1,3-Dichlorobenzene
Concen: 20.740 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

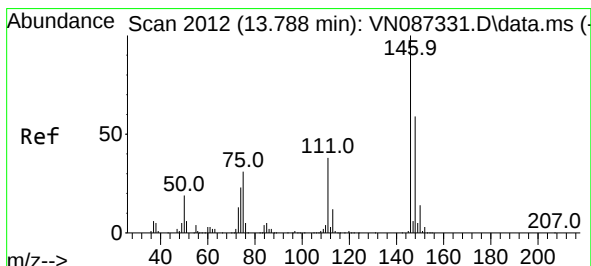
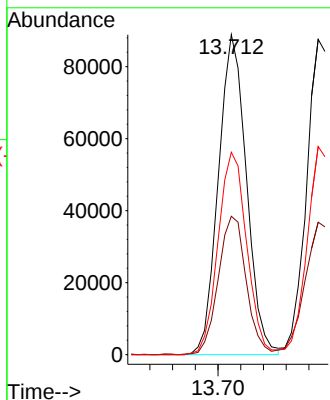
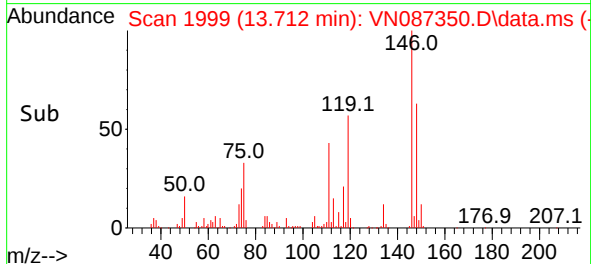
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



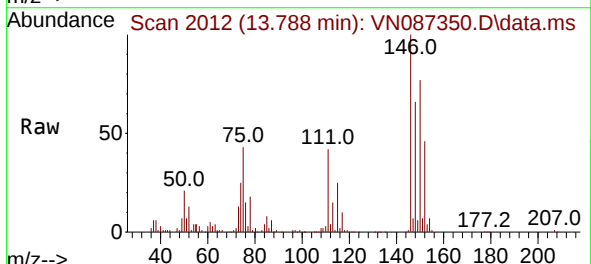
Tgt Ion:146 Resp: 152573
Ion Ratio Lower Upper
146 100
111 43.0 21.4 64.3
148 64.6 31.6 95.0

Manual Integrations
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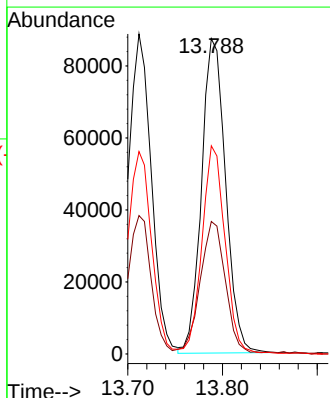
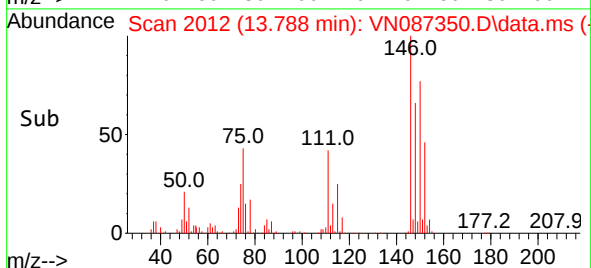
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

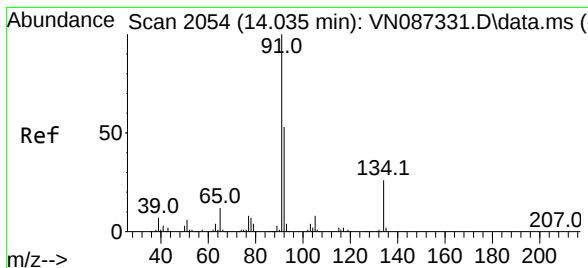


#88
1,4-Dichlorobenzene
Concen: 19.592 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14



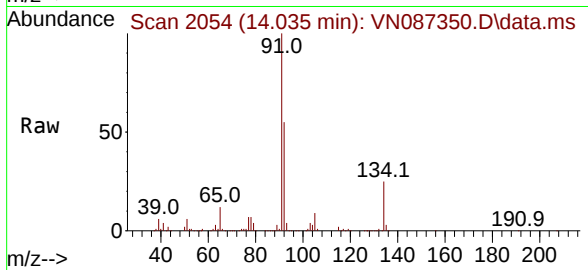
Tgt Ion:146 Resp: 153935
Ion Ratio Lower Upper
146 100
111 43.4 19.6 58.7
148 63.3 31.4 94.0





#89
n-Butylbenzene
Concen: 23.068 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

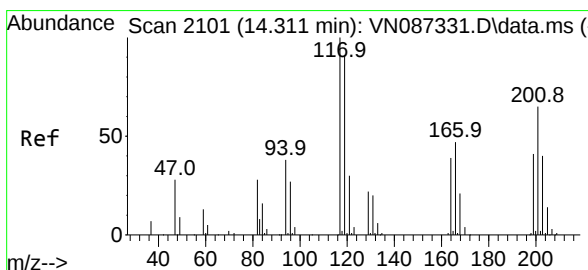
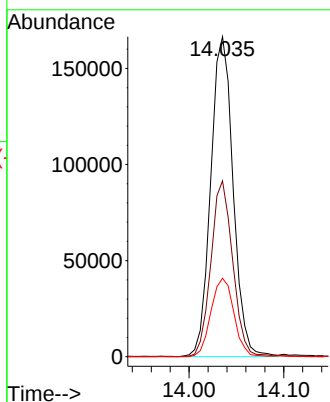
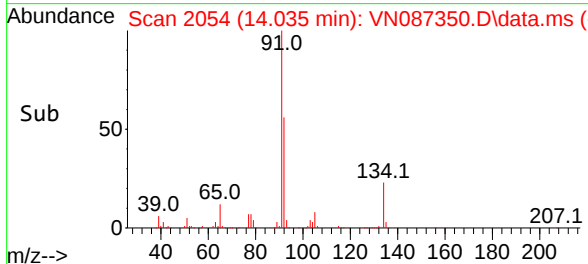
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01



Tgt Ion: 91 Resp: 273472
Ion Ratio Lower Upper
91 100
92 53.7 26.2 78.6
134 25.1 12.4 37.2

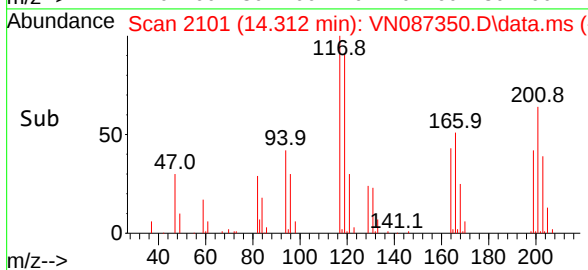
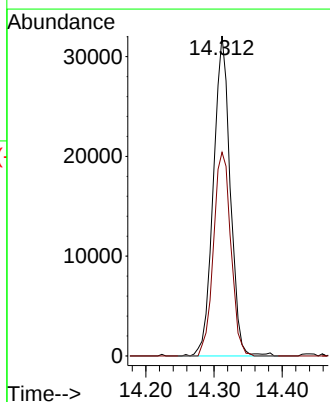
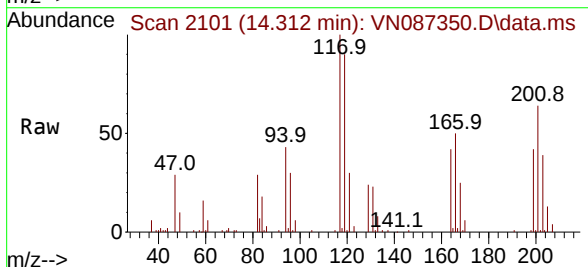
Manual Integrations
APPROVED

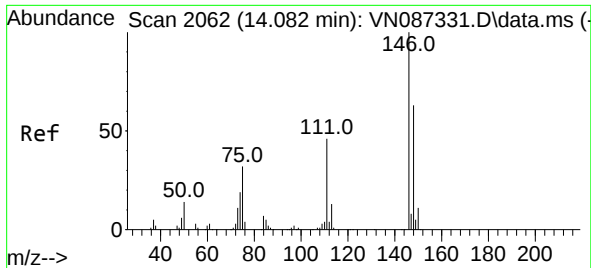
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#90
Hexachloroethane
Concen: 21.006 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Tgt Ion:117 Resp: 55256
Ion Ratio Lower Upper
117 100
201 65.4 32.8 98.4





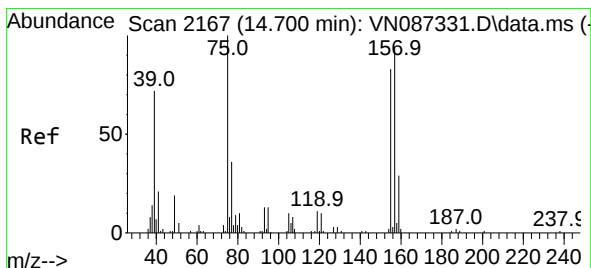
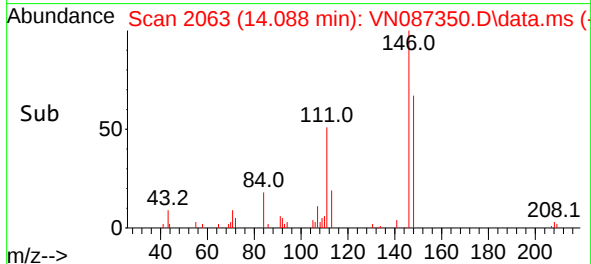
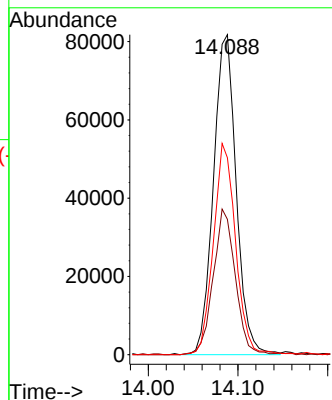
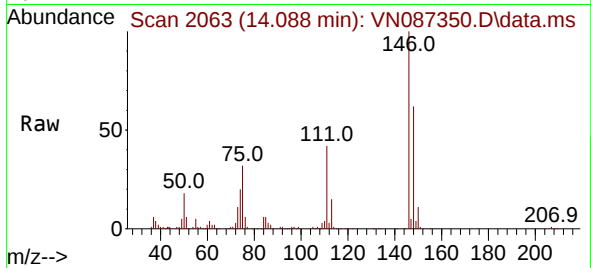
#91
1,2-Dichlorobenzene
Concen: 20.675 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

Instrument :
MSVOA_N
ClientSampleId :
VN0717MBSD01

Tgt Ion:146 Resp: 144086
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 64.6 32.7 98.1

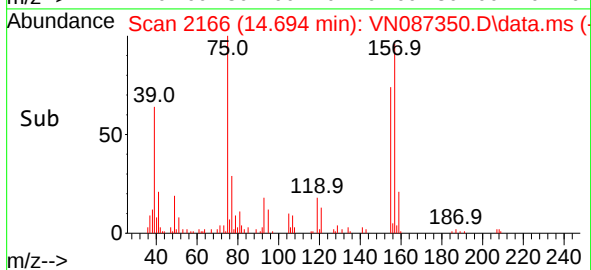
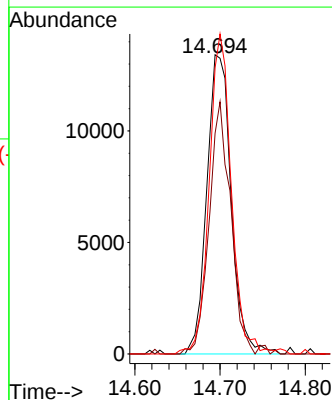
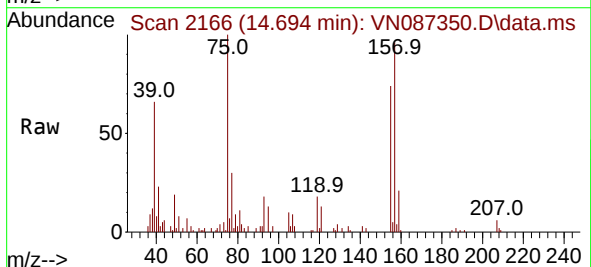
Manual Integrations
APPROVED

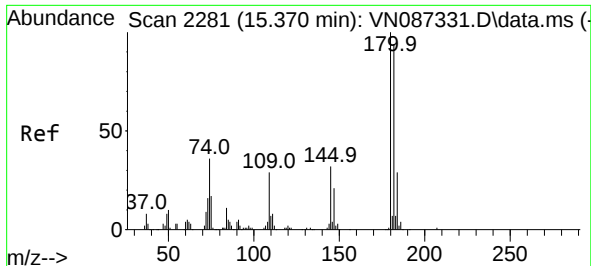
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.726 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

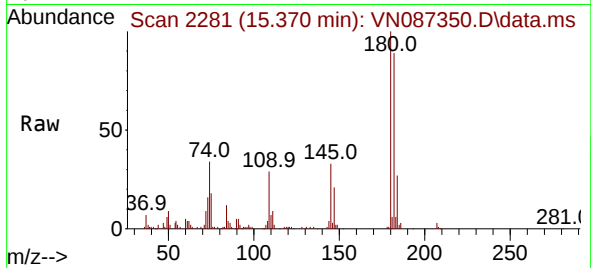
Tgt Ion: 75 Resp: 26738
Ion Ratio Lower Upper
75 100
155 74.4 37.3 111.8
157 97.9 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 22.838 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14

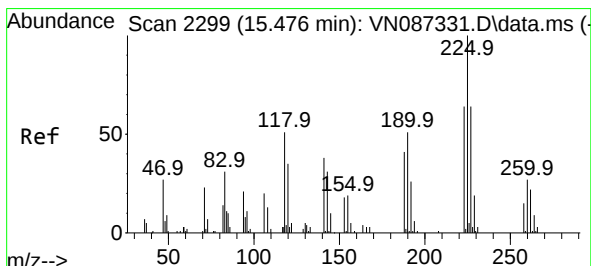
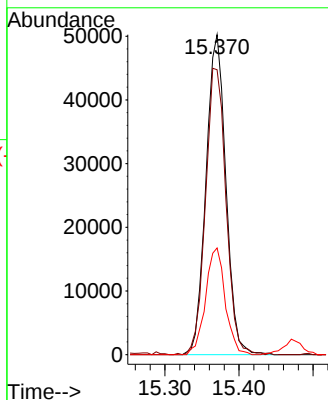
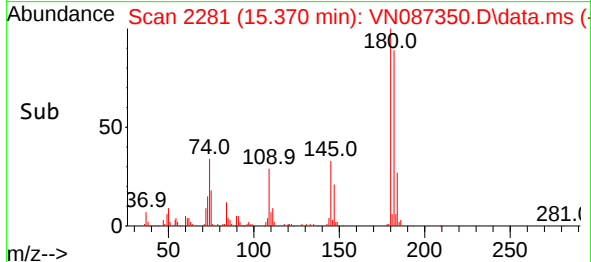
Instrument :
MSVOA_N
ClientSampleId :
VN0717MBS01



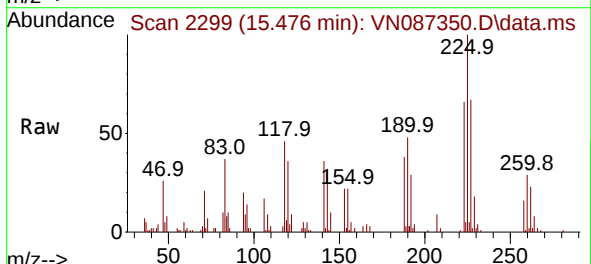
Tgt Ion:180 Resp: 93495
Ion Ratio Lower Upper
180 100
182 92.4 47.3 141.8
145 33.1 15.4 46.4

Manual Integrations
APPROVED

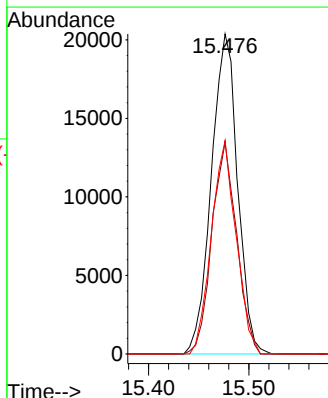
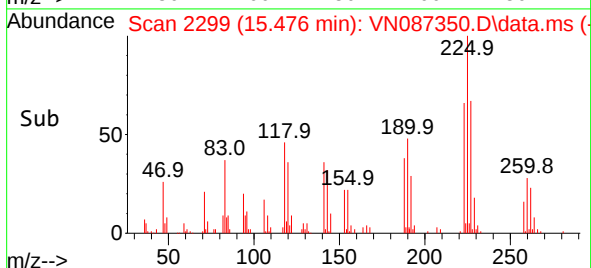
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

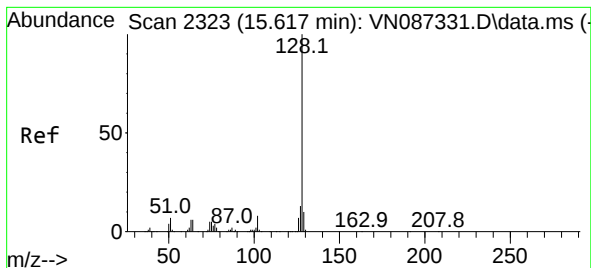


#94
Hexachlorobutadiene
Concen: 24.371 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087350.D
Acq: 17 Jul 2025 17:14



Tgt Ion:225 Resp: 37072
Ion Ratio Lower Upper
225 100
223 62.5 32.1 96.3
227 63.0 31.3 93.9





#95

Naphthalene

Concen: 24.833 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

Instrument :

MSVOA_N

ClientSampleId :

VN0717MBS01

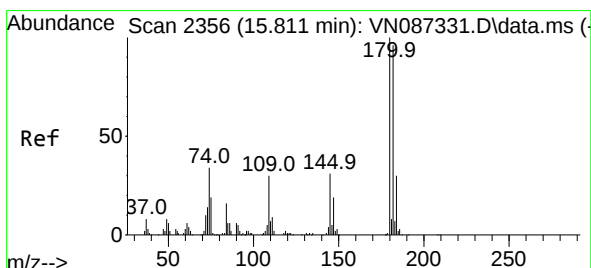
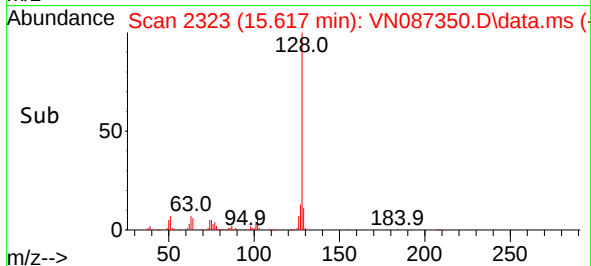
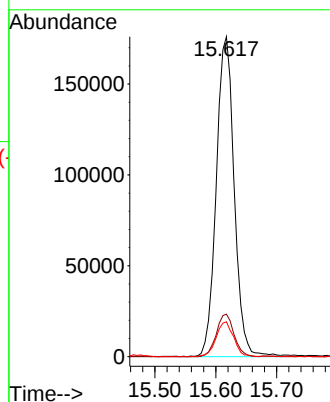
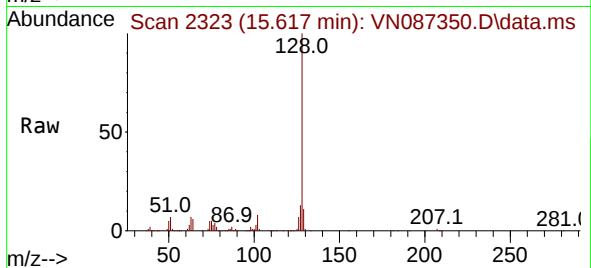
Tgt Ion:128 Resp: 360150

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.7	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 22.276 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087350.D

Acq: 17 Jul 2025 17:14

Tgt Ion:180 Resp: 91475

Ion	Ratio	Lower	Upper
180	100		
182	92.6	47.1	141.4
145	34.4	16.9	50.6

