

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090225\
 Data File : VN087707.D
 Acq On : 02 Sep 2025 12:28
 Operator : JC\MD
 Sample : VN0902MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2025
 Supervised By : Semsettin Yesilyurt 09/03/2025

Quant Time: Sep 03 01:17:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	217828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	425501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	383557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	189771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	196995	44.139	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.280%		
35) Dibromofluoromethane	8.147	113	136737	44.509	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.020%		
50) Toluene-d8	10.547	98	505478	43.961	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.920%		
62) 4-Bromofluorobenzene	12.829	95	184380	45.090	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	58679	18.967	ug/l	99
3) Chloromethane	2.383	50	59937	18.852	ug/l	97
4) Vinyl Chloride	2.542	62	68231	18.509	ug/l	99
5) Bromomethane	2.977	94	36370	19.121	ug/l	91
6) Chloroethane	3.136	64	45272	17.473	ug/l	99
7) Trichlorofluoromethane	3.518	101	101210	18.739	ug/l	96
8) Diethyl Ether	3.965	74	42173	17.929	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	58861	19.260	ug/l	97
10) Methyl Iodide	4.577	142	36173	20.491	ug/l	95
11) Tert butyl alcohol	5.524	59	71934	92.842	ug/l	98
12) 1,1-Dichloroethene	4.336	96	57078	18.175	ug/l	92
13) Acrolein	4.177	56	53362	56.022	ug/l	97
14) Allyl chloride	5.024	41	96616	16.977	ug/l	99
15) Acrylonitrile	5.712	53	197784	90.514	ug/l	98
16) Acetone	4.424	43	204214	84.055	ug/l	96
17) Carbon Disulfide	4.706	76	144547	16.719	ug/l	100
18) Methyl Acetate	5.018	43	101709	19.994	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	214780	18.230	ug/l	99
20) Methylene Chloride	5.265	84	65074	17.716	ug/l #	92
21) trans-1,2-Dichloroethene	5.771	96	58202	17.100	ug/l	99
22) Diisopropyl ether	6.659	45	221192	18.010	ug/l	95
23) Vinyl Acetate	6.589	43	990937	88.686	ug/l	100
24) 1,1-Dichloroethane	6.559	63	115445	17.144	ug/l	95
25) 2-Butanone	7.471	43	276726	86.575	ug/l	97
26) 2,2-Dichloropropane	7.471	77	103338	17.880	ug/l	100
27) cis-1,2-Dichloroethene	7.465	96	70084	17.224	ug/l	94
28) Bromochloromethane	7.800	49	61751	18.969	ug/l	98
29) Tetrahydrofuran	7.830	42	181017	87.999	ug/l	97
30) Chloroform	7.947	83	120463	17.527	ug/l	97
31) Cyclohexane	8.236	56	101187	18.025	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	104710	17.977	ug/l	94
36) 1,1-Dichloropropene	8.353	75	81336	17.258	ug/l	99
37) Ethyl Acetate	7.547	43	116062	18.021	ug/l	99
38) Carbon Tetrachloride	8.341	117	85506	18.375	ug/l	94
39) Methylcyclohexane	9.582	83	91822	17.696	ug/l	97
40) Benzene	8.588	78	253148	17.512	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	58542	17.548	ug/l	99
42) 1,2-Dichloroethane	8.653	62	100786	18.143	ug/l	99
43) Isopropyl Acetate	8.677	43	184027	18.302	ug/l	99
44) Trichloroethene	9.335	130	57544	17.436	ug/l	88
45) 1,2-Dichloropropane	9.600	63	67002	17.584	ug/l	99
46) Dibromomethane	9.688	93	49132	18.120	ug/l	99
47) Bromodichloromethane	9.871	83	104245	18.759	ug/l	96
48) Methyl methacrylate	9.665	41	80820	16.993	ug/l	98
49) 1,4-Dioxane	9.682	88	23614	383.068	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	551071	90.838	ug/l	100
52) Toluene	10.612	92	157056	17.526	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	103983	18.077	ug/l	94
54) cis-1,3-Dichloropropene	10.294	75	108054	18.092	ug/l	98
55) 1,1,2-Trichloroethane	11.000	97	62841	18.127	ug/l	91
56) Ethyl methacrylate	10.853	69	99302	17.924	ug/l	98
57) 1,3-Dichloropropane	11.141	76	110589	18.025	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	277503	92.541	ug/l	99
59) 2-Hexanone	11.177	43	352215	91.865	ug/l	99
60) Dibromochloromethane	11.335	129	70924	17.656	ug/l	99
61) 1,2-Dibromoethane	11.447	107	66282	18.132	ug/l	98
64) Tetrachloroethene	11.082	164	46543	17.490	ug/l	97
65) Chlorobenzene	11.871	112	164112	17.198	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	61405	19.383	ug/l	97
67) Ethyl Benzene	11.941	91	301009	18.219	ug/l	98
68) m/p-Xylenes	12.053	106	213211	35.188	ug/l	96
69) o-Xylene	12.376	106	104770	17.644	ug/l	96
70) Styrene	12.388	104	178688	17.962	ug/l	98
71) Bromoform	12.559	173	45654	18.791	ug/l #	97
73) Isopropylbenzene	12.676	105	276459	18.028	ug/l	99
74) N-amyl acetate	12.565	43	108921m	18.743	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	97717	18.509	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	95088m	21.367	ug/l	
77) Bromobenzene	12.959	156	64307	17.786	ug/l	98
78) n-propylbenzene	13.012	91	345144	18.273	ug/l	100
79) 2-Chlorotoluene	13.106	91	206095	18.131	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	236753	18.199	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.723	75	35708	21.242	ug/l #	75
82) 4-Chlorotoluene	13.200	91	214848	17.977	ug/l	99
83) tert-Butylbenzene	13.418	119	197073	18.179	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	237282	18.221	ug/l	97
85) sec-Butylbenzene	13.594	105	293604	18.251	ug/l	99
86) p-Isopropyltoluene	13.706	119	240233	18.085	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	127052	17.844	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	131841	17.793	ug/l	98
89) n-Butylbenzene	14.035	91	244296	18.517	ug/l	98
90) Hexachloroethane	14.306	117	48125	19.016	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	123390	18.266	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	22313	17.791	ug/l	99
93) 1,2,4-Trichlorobenzene	15.370	180	69233	17.068	ug/l	97
94) Hexachlorobutadiene	15.470	225	24661	17.053	ug/l	99
95) Naphthalene	15.612	128	248963	17.328	ug/l	98
96) 1,2,3-Trichlorobenzene	15.812	180	69368	17.493	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
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

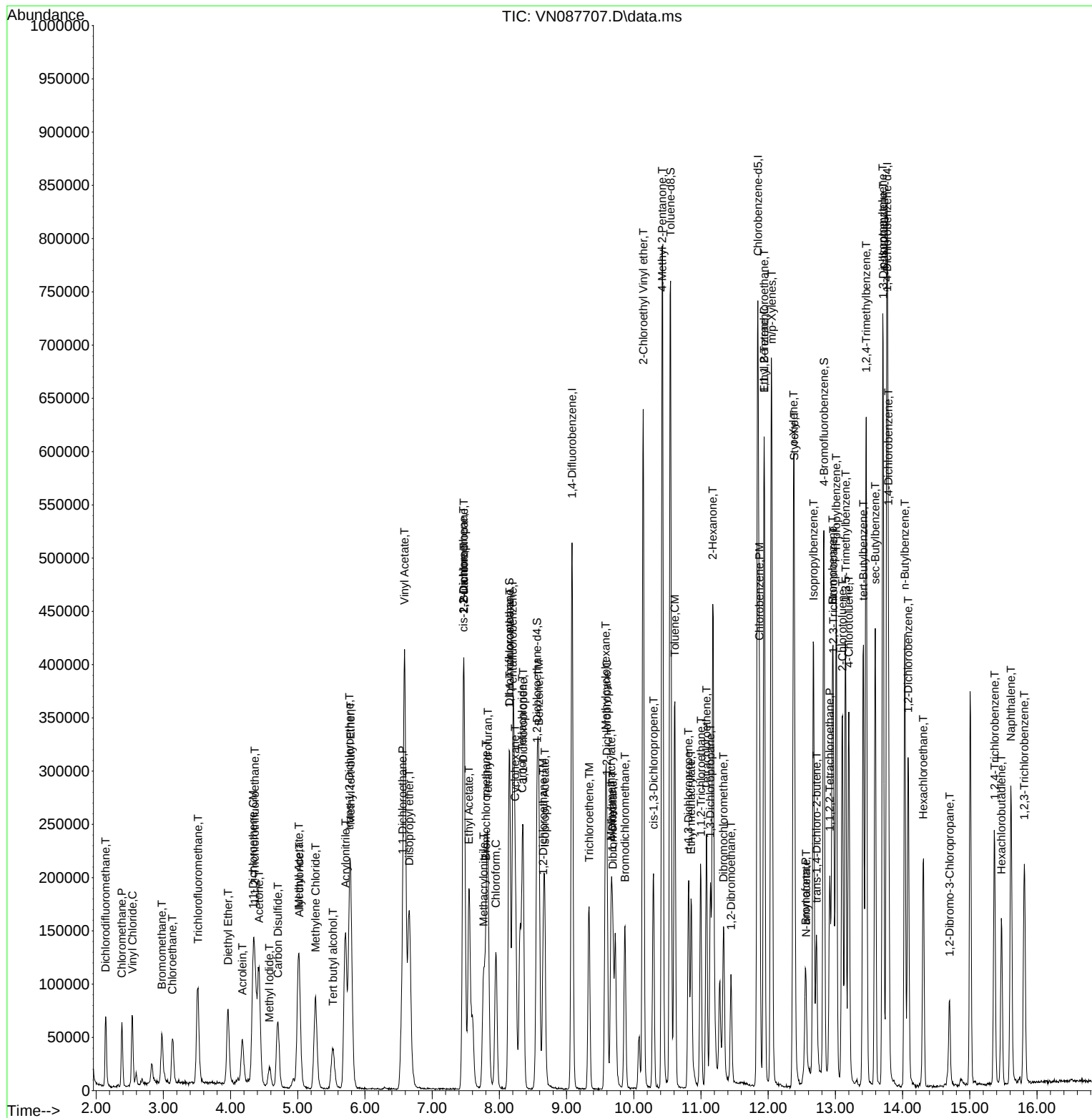
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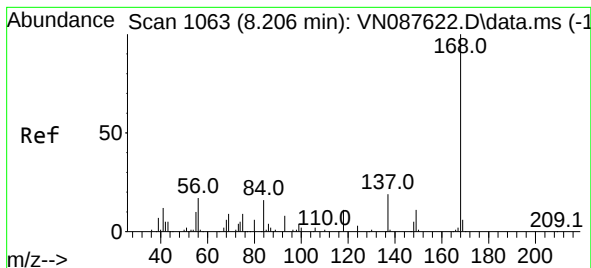
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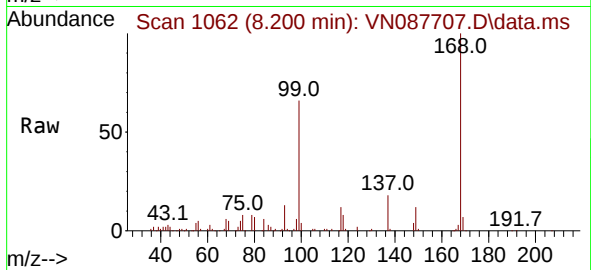
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

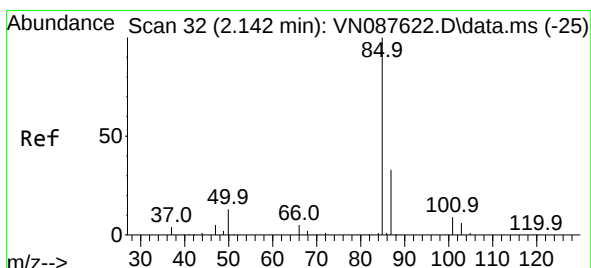
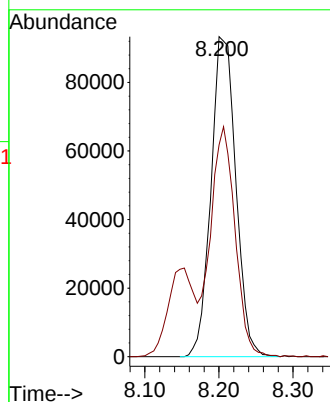
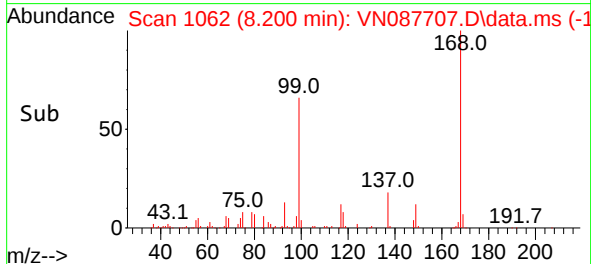
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



Tgt Ion:168 Resp: 217828
Ion Ratio Lower Upper
168 100
99 66.2 57.2 85.8

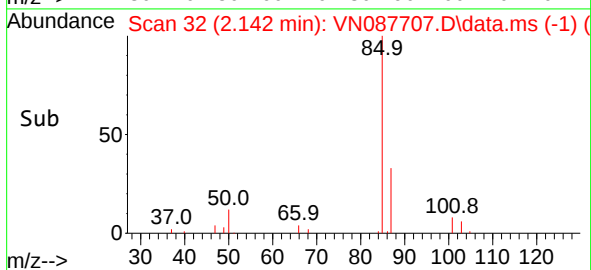
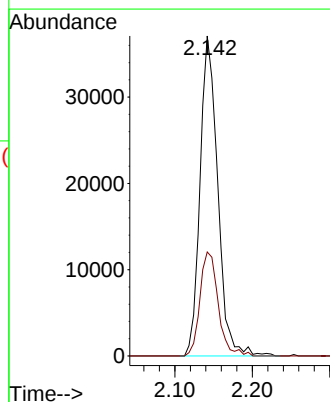
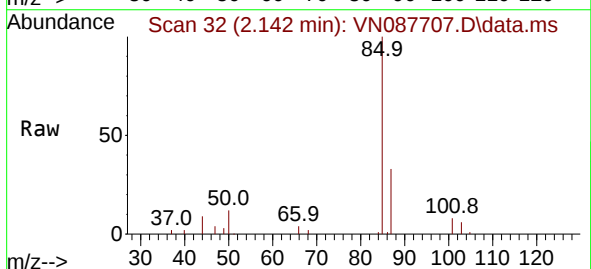
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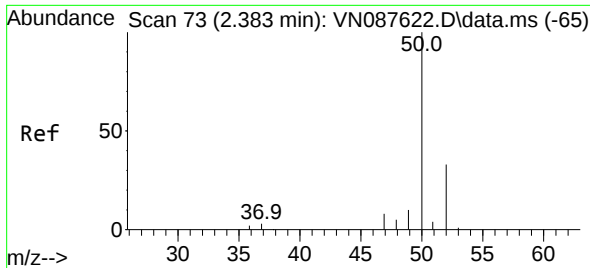
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#2
Dichlorodifluoromethane
Concen: 18.967 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

Tgt Ion: 85 Resp: 58679
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8





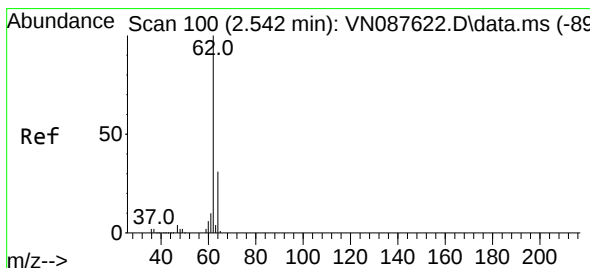
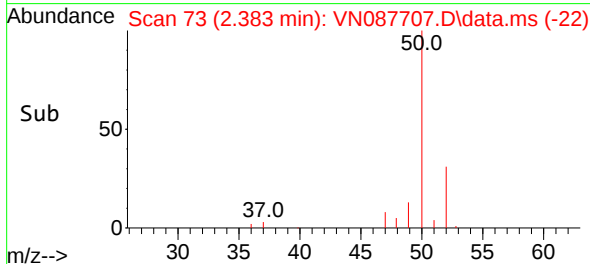
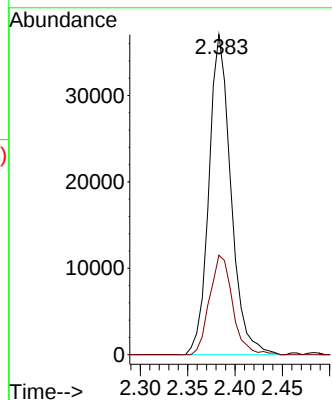
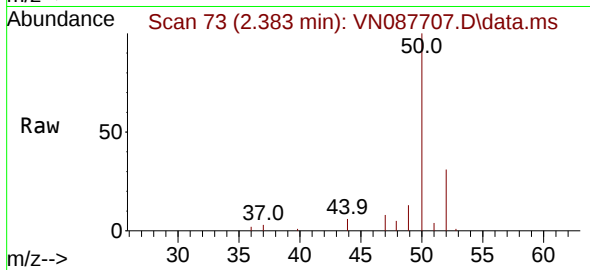
#3
Chloromethane
Concen: 18.852 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

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Tgt Ion: 50 Resp: 5993
Ion Ratio Lower Upper
50 100
52 31.1 26.2 39.4

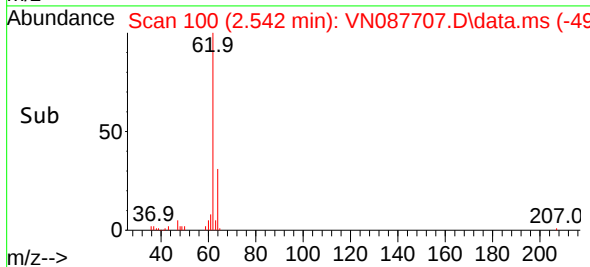
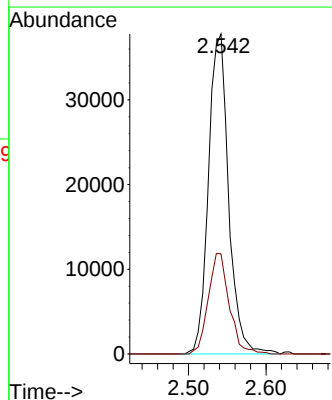
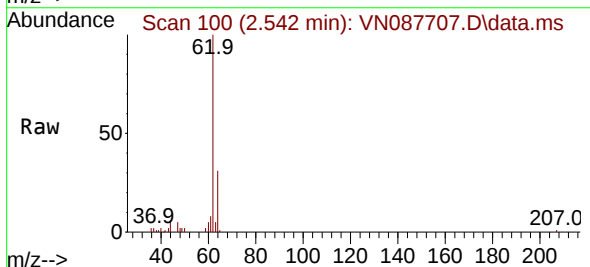
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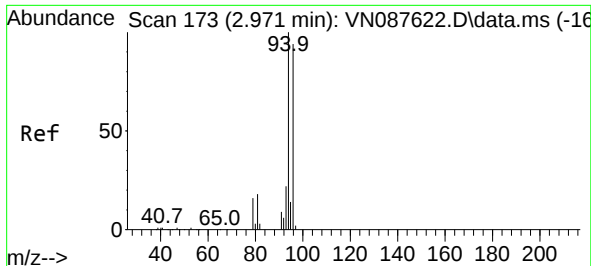
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#4
Vinyl Chloride
Concen: 18.509 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

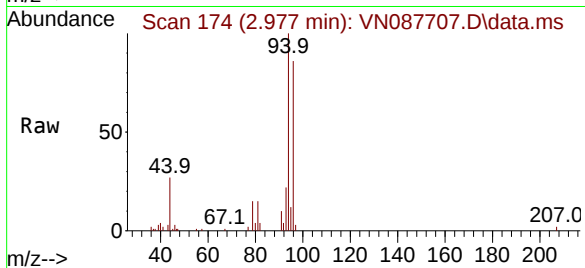
Tgt Ion: 62 Resp: 68231
Ion Ratio Lower Upper
62 100
64 31.3 24.6 37.0





#5
Bromomethane
Concen: 19.121 ug/l
RT: 2.977 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN087707.D
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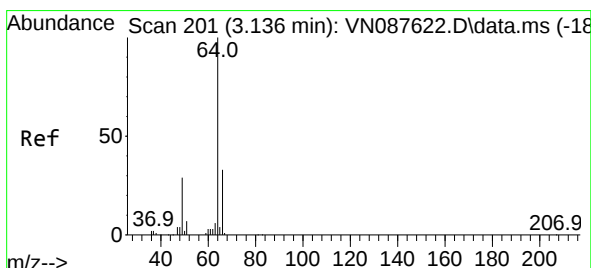
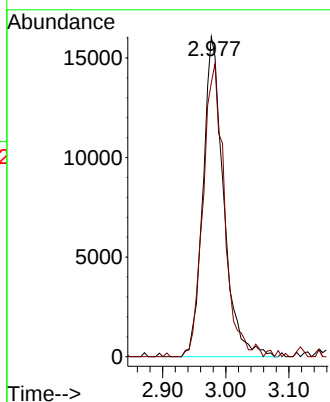
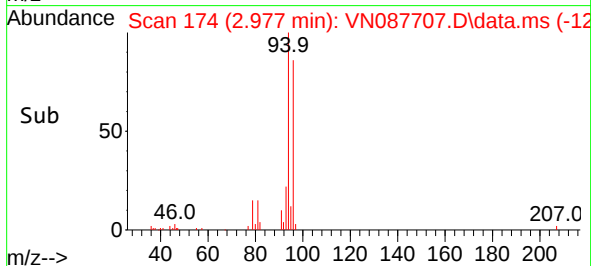
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Tgt Ion: 94 Resp: 36370
Ion Ratio Lower Upper
94 100
96 85.6 75.4 113.2

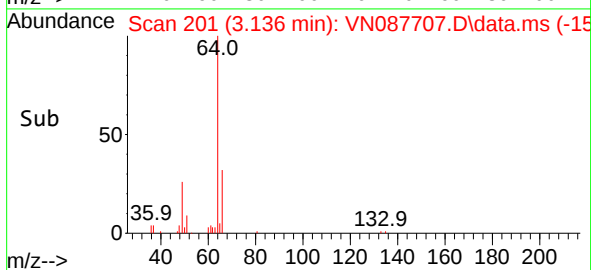
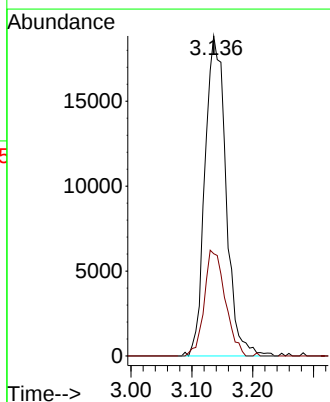
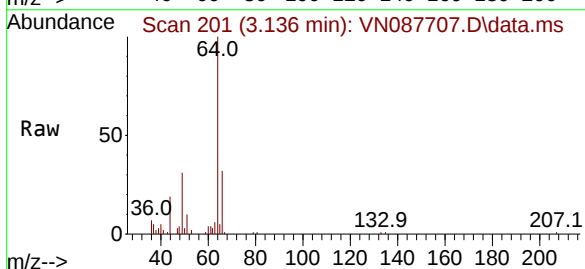
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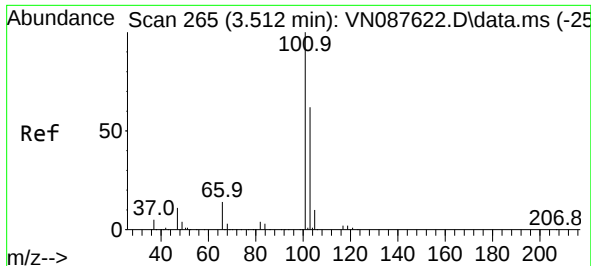
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#6
Chloroethane
Concen: 17.473 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

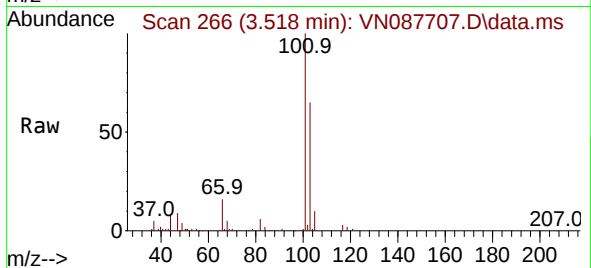
Tgt Ion: 64 Resp: 45272
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.2





#7
Trichlorofluoromethane
Concen: 18.739 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

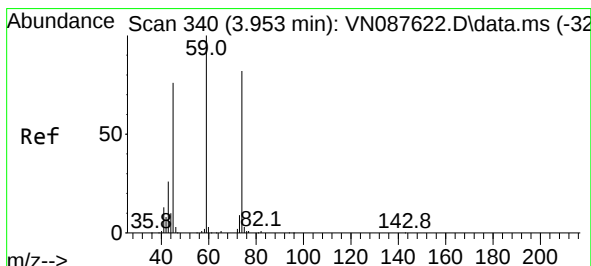
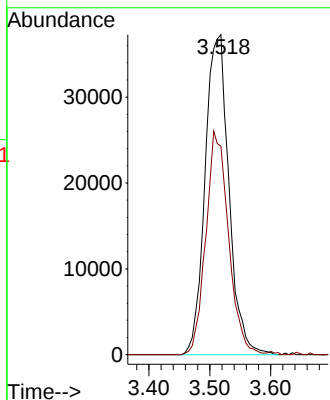
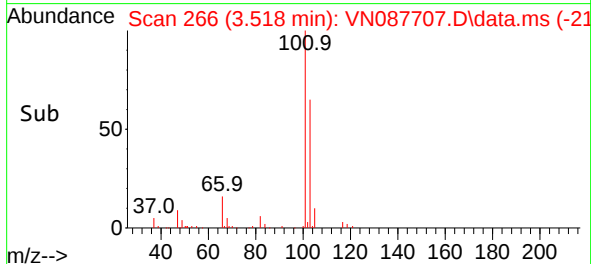
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Tgt Ion:101 Resp: 101210
Ion Ratio Lower Upper
101 100
103 65.1 49.4 74.0

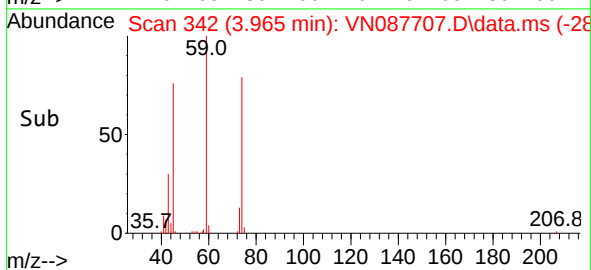
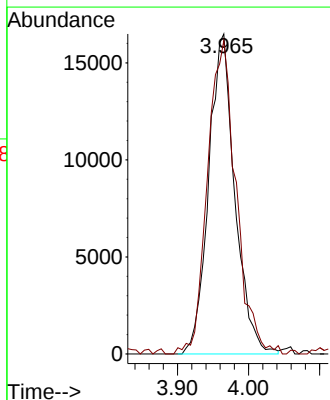
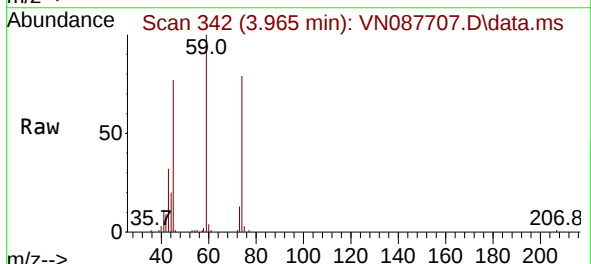
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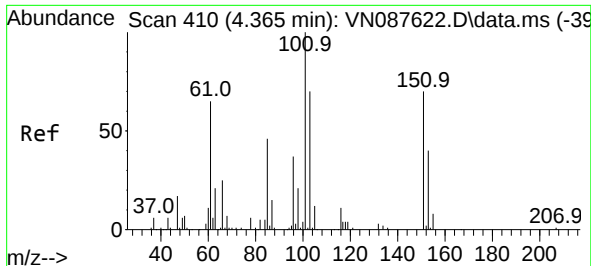
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#8
Diethyl Ether
Concen: 17.929 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

Tgt Ion: 74 Resp: 42173
Ion Ratio Lower Upper
74 100
45 106.7 50.6 151.9





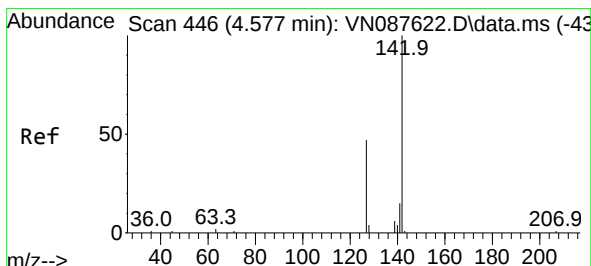
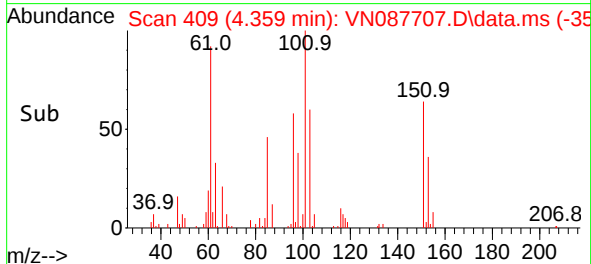
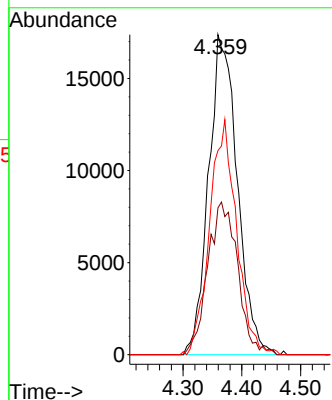
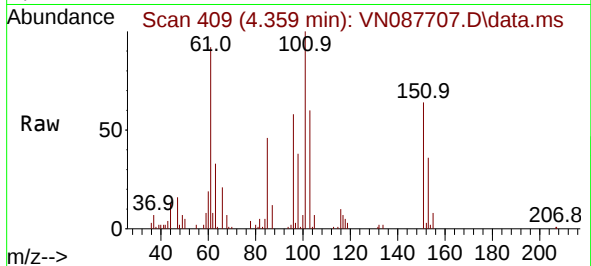
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.260 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

Tgt Ion:101 Resp: 5886
Ion Ratio Lower Upper
101 100
85 49.9 36.6 55.0
151 68.9 54.7 82.1

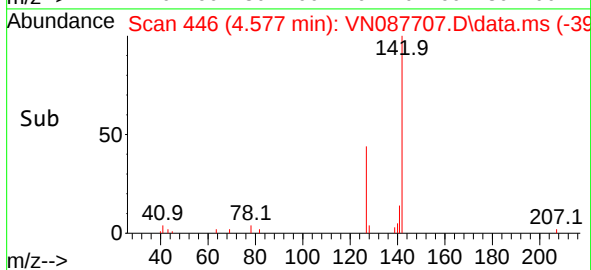
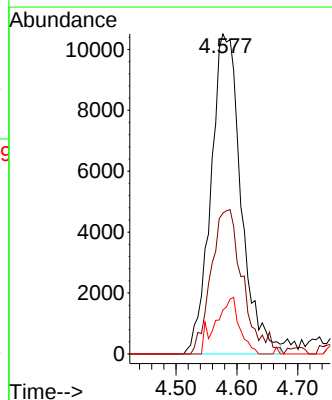
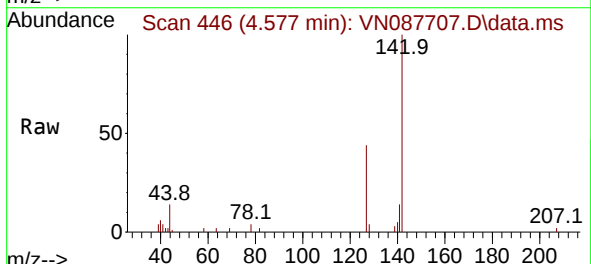
Manual Integrations
APPROVED

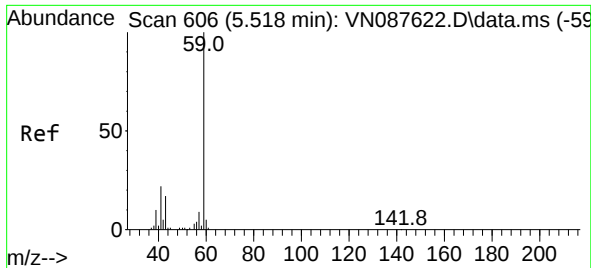
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#10
Methyl Iodide
Concen: 20.491 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

Tgt Ion:142 Resp: 36173
Ion Ratio Lower Upper
142 100
127 44.0 38.0 57.0
141 13.8 12.0 18.0





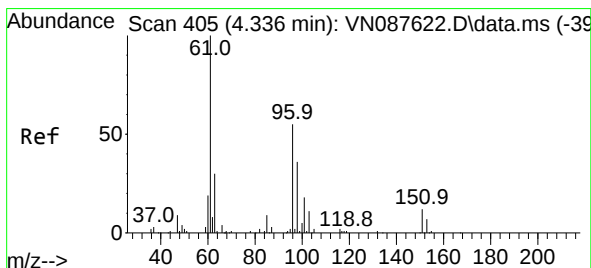
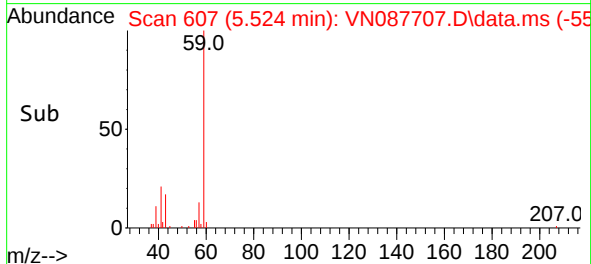
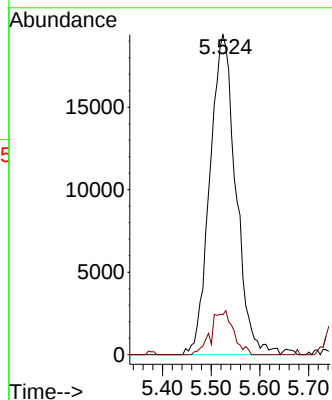
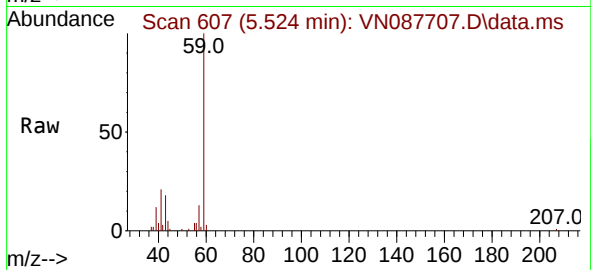
#11
Tert butyl alcohol
Concen: 92.842 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0902MBSD01

Tgt Ion: 59 Resp: 71934
Ion Ratio Lower Upper
59 100
57 11.8 9.0 13.4

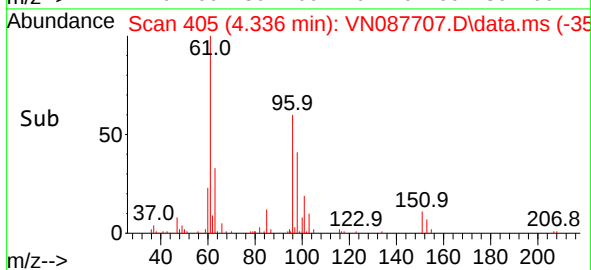
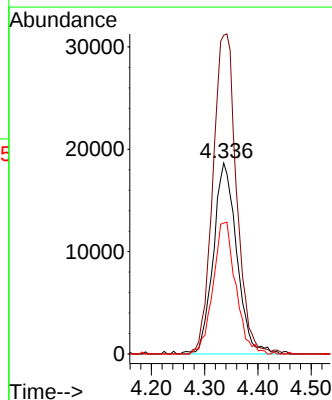
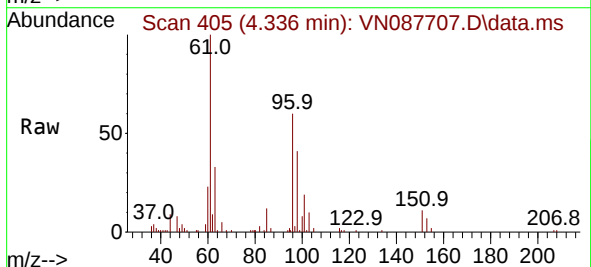
Manual Integrations
APPROVED

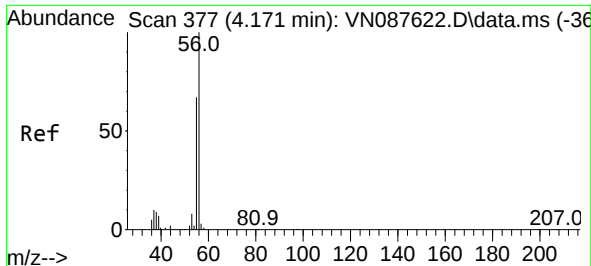
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#12
1,1-Dichloroethene
Concen: 18.175 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

Tgt Ion: 96 Resp: 57078
Ion Ratio Lower Upper
96 100
61 166.9 143.8 215.8
98 68.6 52.1 78.1





#13

Acrolein

Concen: 56.022 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

Tgt Ion: 56 Resp: 5336

Ion Ratio Lower Upper

56 100

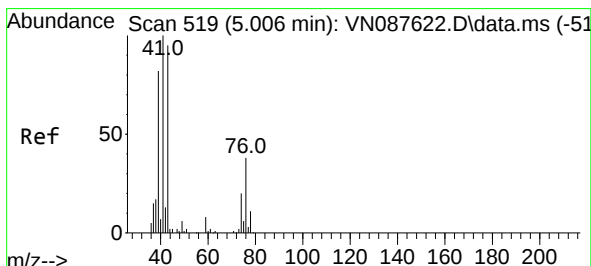
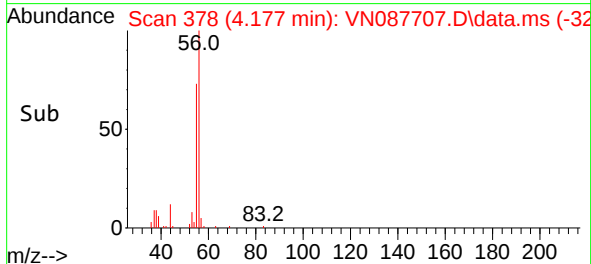
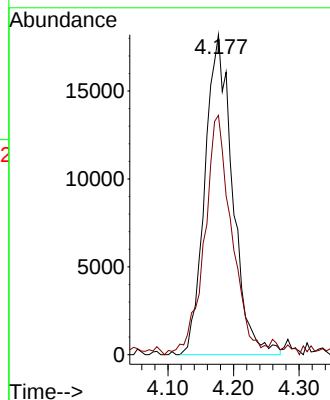
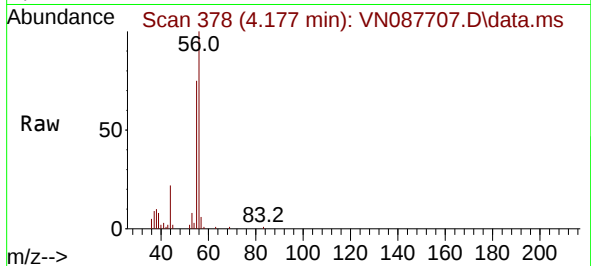
55 74.0 57.3 85.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#14

Allyl chloride

Concen: 16.977 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.018 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

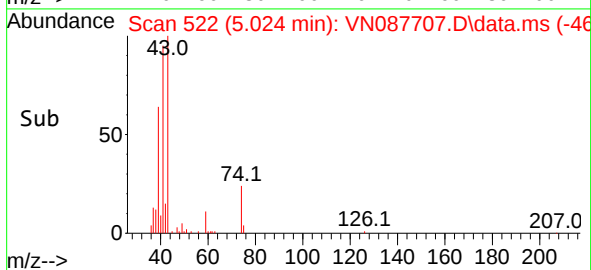
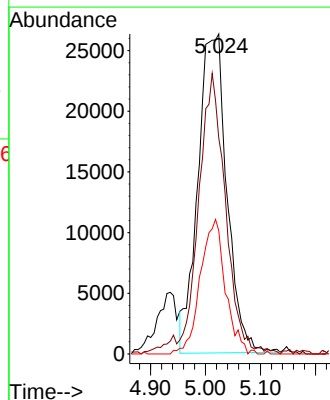
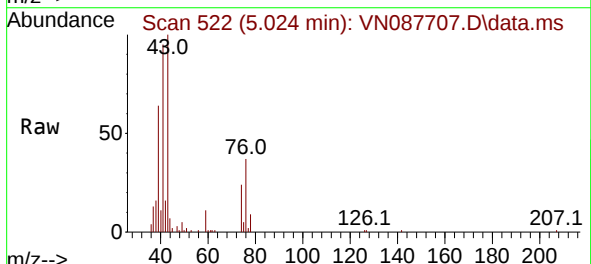
Tgt Ion: 41 Resp: 96616

Ion Ratio Lower Upper

41 100

39 80.2 63.9 95.9

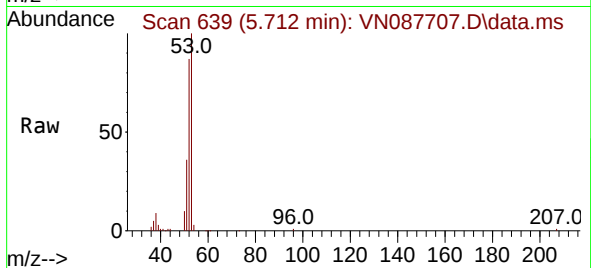
76 36.5 28.1 42.1





#15
Acrylonitrile
Concen: 90.514 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

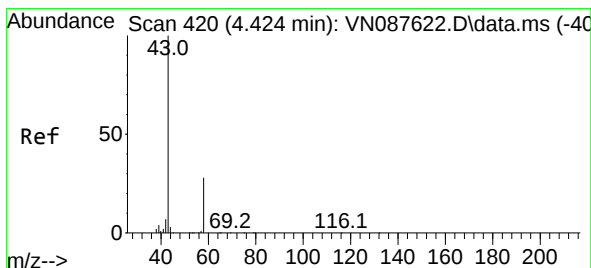
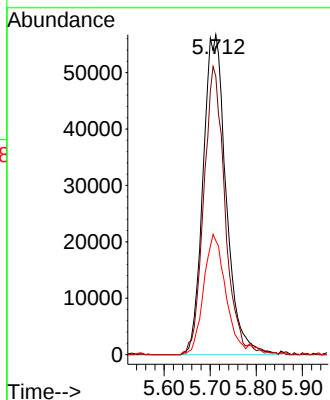
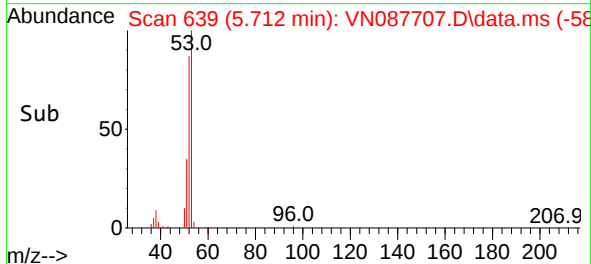
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBSD01



Tgt Ion: 53 Resp: 197784
Ion Ratio Lower Upper
53 100
52 83.3 67.6 101.4
51 35.8 30.1 45.1

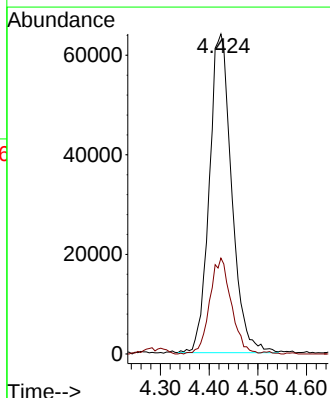
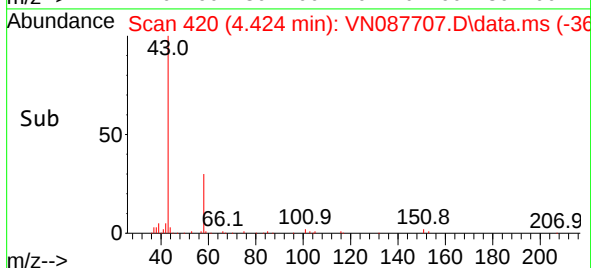
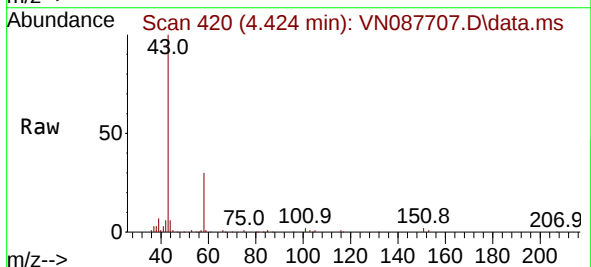
Manual Integrations
APPROVED

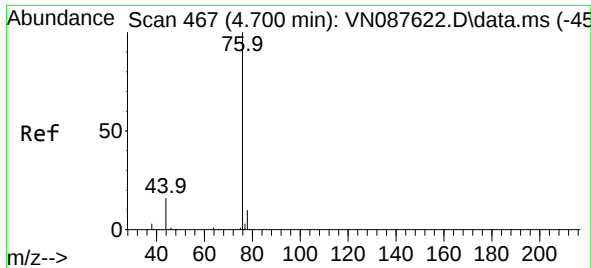
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#16
Acetone
Concen: 84.055 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

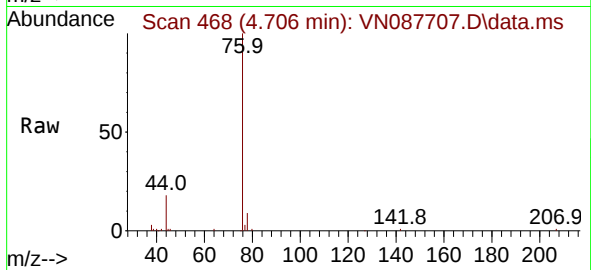
Tgt Ion: 43 Resp: 204214
Ion Ratio Lower Upper
43 100
58 30.1 22.6 33.8





#17
Carbon Disulfide
Concen: 16.719 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

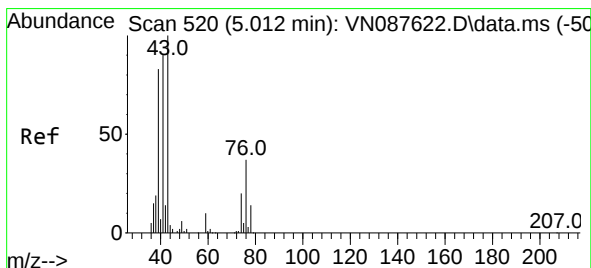
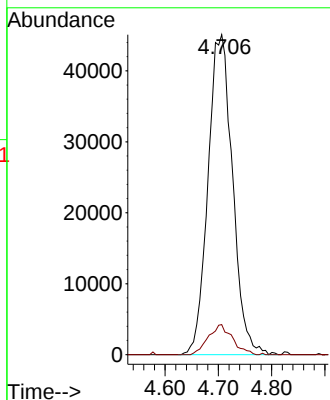
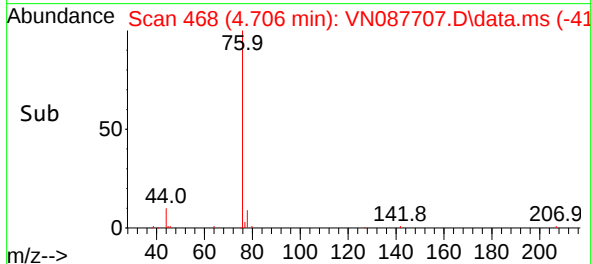
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBSD01



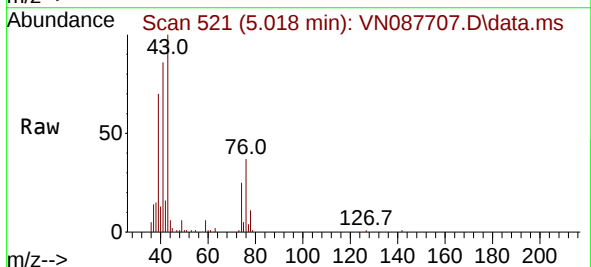
Tgt Ion: 76 Resp: 14454
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

Manual Integrations
APPROVED

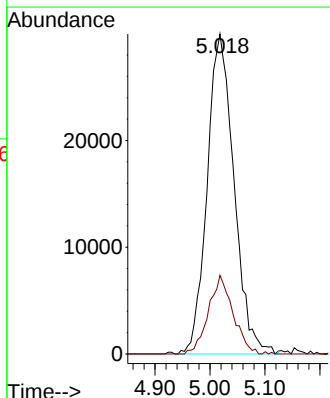
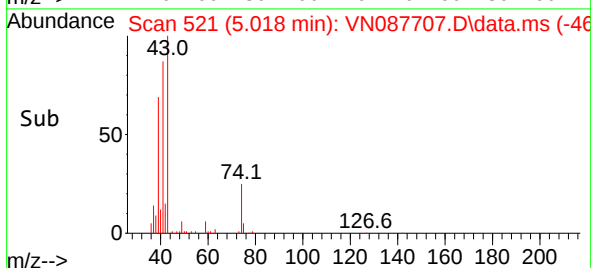
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

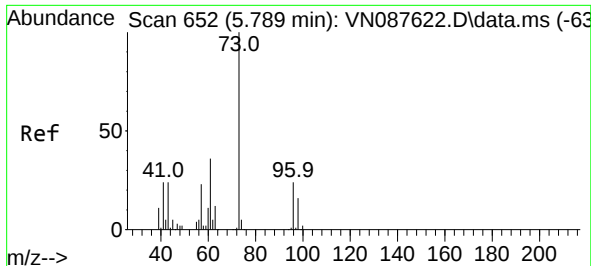


#18
Methyl Acetate
Concen: 19.994 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28



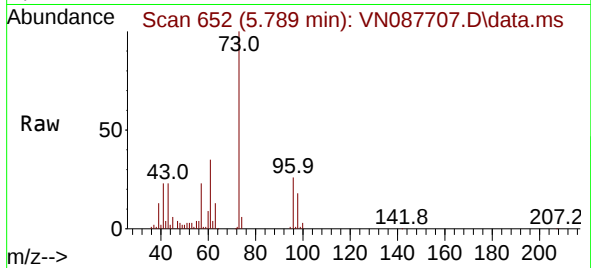
Tgt Ion: 43 Resp: 101709
Ion Ratio Lower Upper
43 100
74 22.4 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 18.230 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

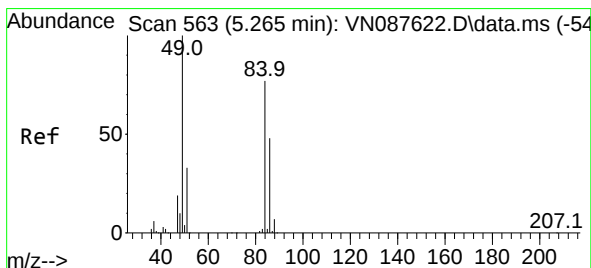
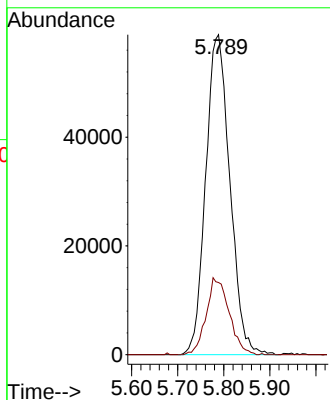
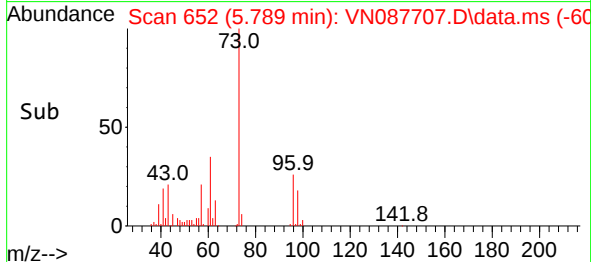
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



Tgt Ion: 73 Resp: 214780
Ion Ratio Lower Upper
73 100
57 22.5 18.4 27.6

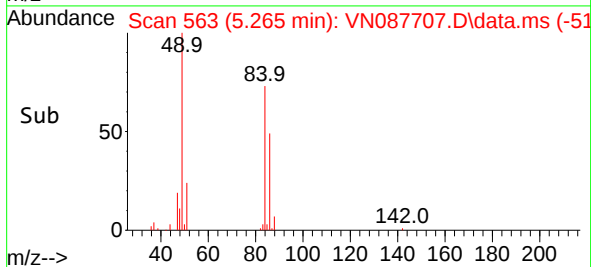
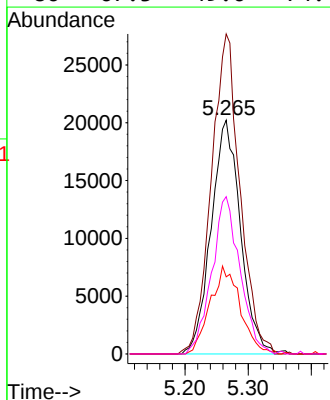
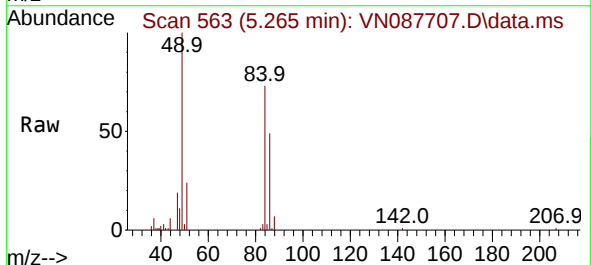
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#20
Methylene Chloride
Concen: 17.716 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

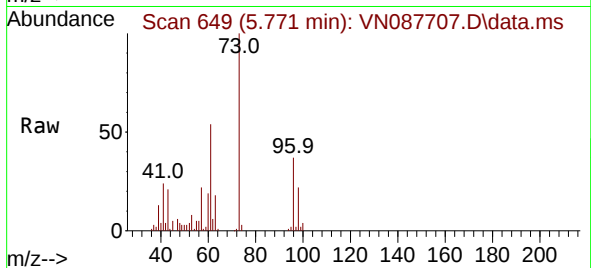
Tgt Ion: 84 Resp: 65074
Ion Ratio Lower Upper
84 100
49 136.9 103.4 155.2
51 33.0 33.8 50.8#
86 67.3 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 17.100 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

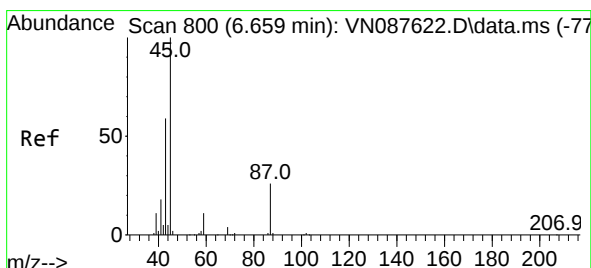
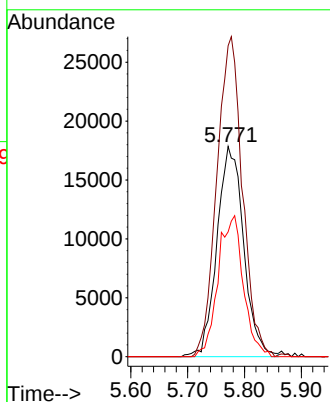
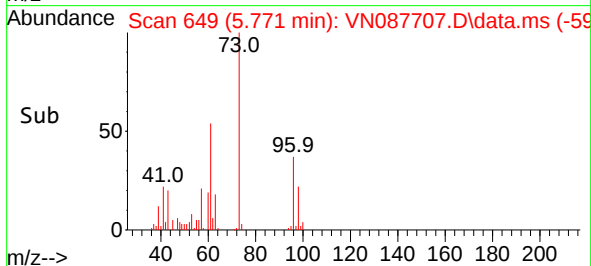
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



Tgt Ion: 96 Resp: 5820
Ion Ratio Lower Upper
96 100
61 147.9 118.0 177.0
98 59.4 50.0 75.0

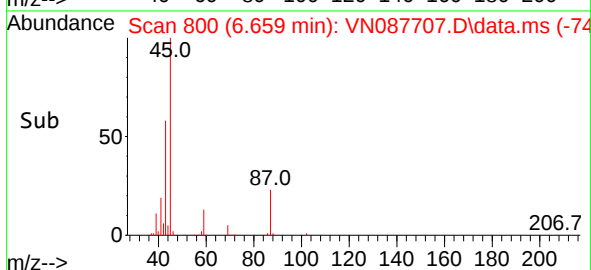
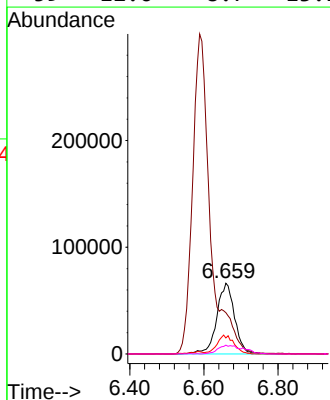
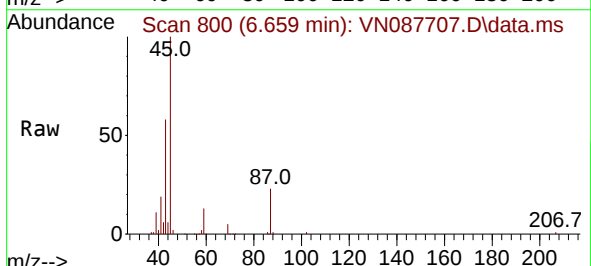
Manual Integrations
APPROVED

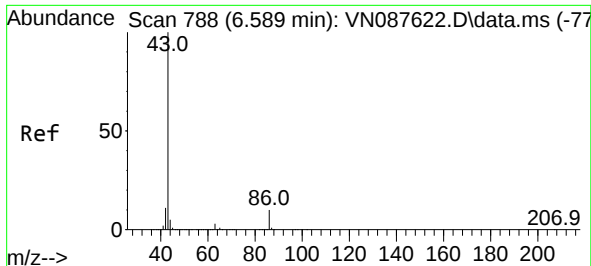
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#22
Diisopropyl ether
Concen: 18.010 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

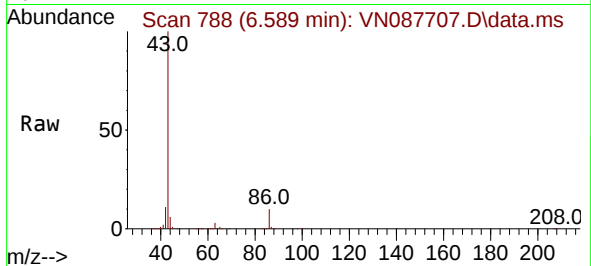
Tgt Ion: 45 Resp: 221192
Ion Ratio Lower Upper
45 100
43 57.3 47.7 71.5
87 22.6 21.4 32.0
59 12.6 8.7 13.1





#23
 Vinyl Acetate
 Concen: 88.686 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087707.D
 Acq: 02 Sep 2025 12:28

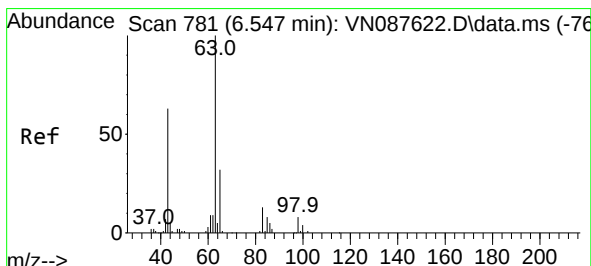
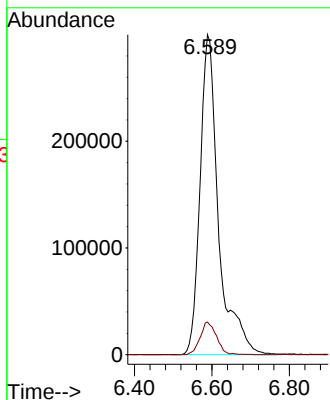
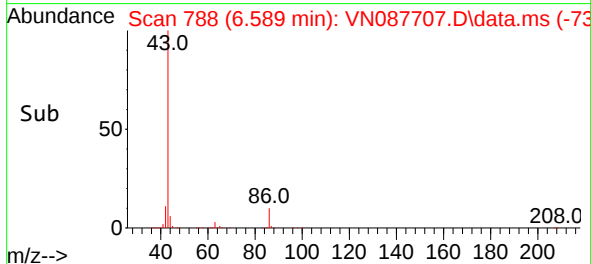
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902MBSD01



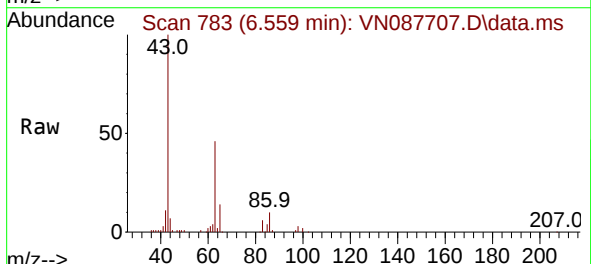
Tgt Ion: 43 Resp: 99093
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.4

Manual Integrations
 APPROVED

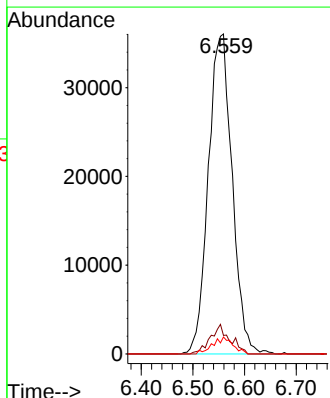
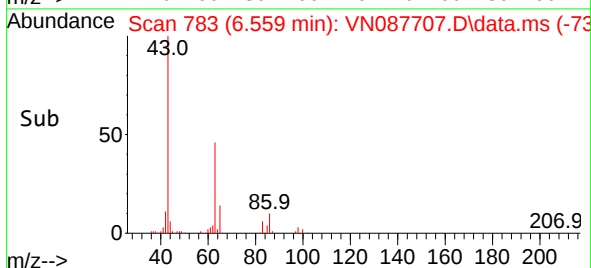
Reviewed By :John Carlone 09/03/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025



#24
 1,1-Dichloroethane
 Concen: 17.144 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN087707.D
 Acq: 02 Sep 2025 12:28



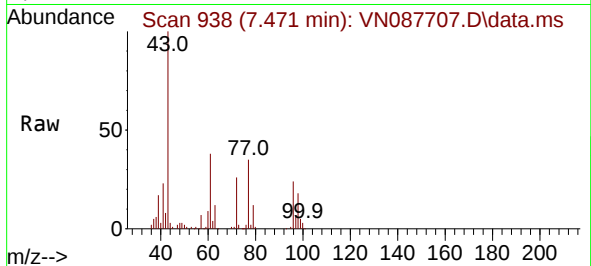
Tgt Ion: 63 Resp: 115445
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.8 11.4
 100 5.3 2.0 6.0





#25
2-Butanone
Concen: 86.575 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

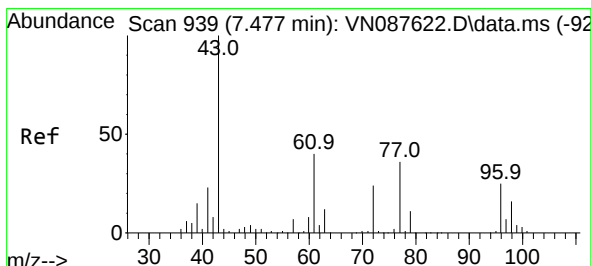
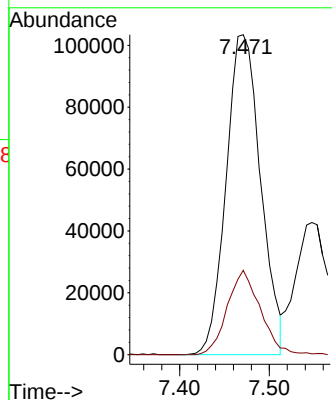
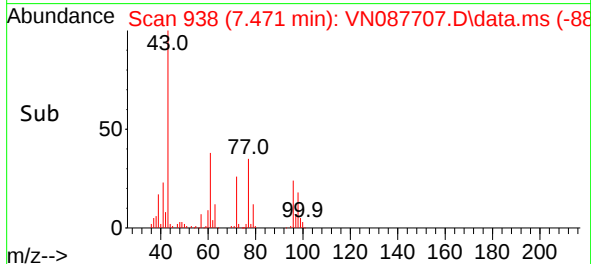
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



Tgt Ion: 43 Resp: 276720
Ion Ratio Lower Upper
43 100
72 26.4 19.9 29.9

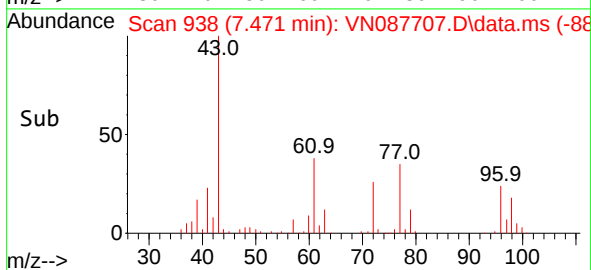
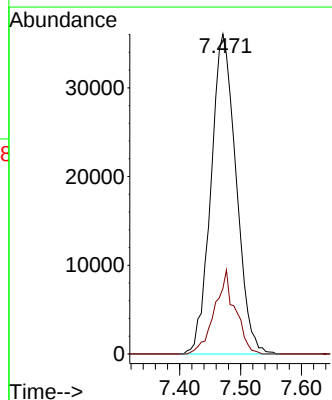
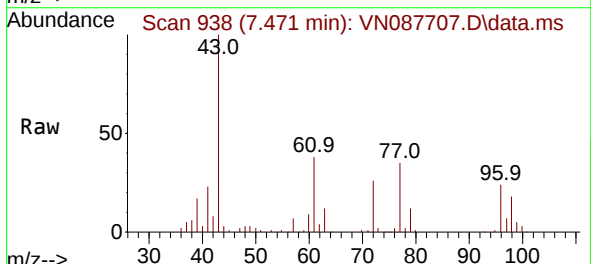
Manual Integrations
APPROVED

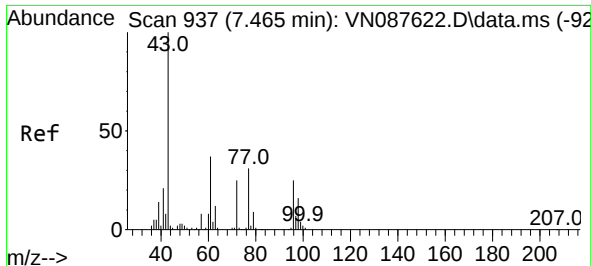
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#26
2,2-Dichloropropane
Concen: 17.880 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

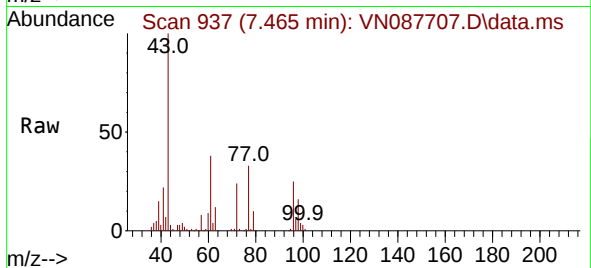
Tgt Ion: 77 Resp: 103338
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 17.224 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN087707.D
 Acq: 02 Sep 2025 12:28

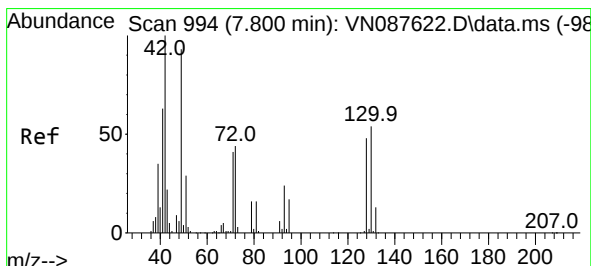
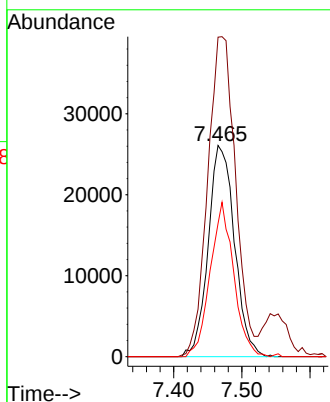
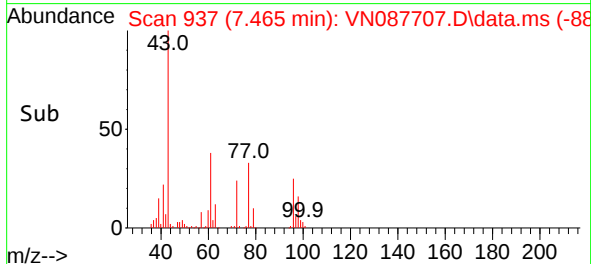
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902MBS01



Tgt Ion: 96 Resp: 70084
 Ion Ratio Lower Upper
 96 100
 61 159.8 0.0 301.8
 98 65.5 0.0 126.2

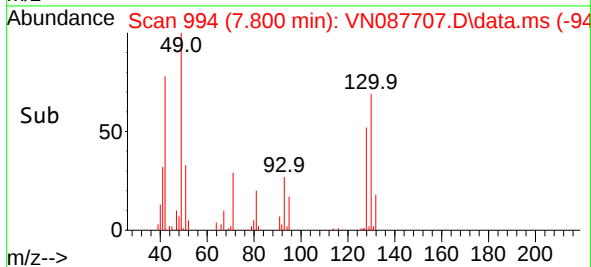
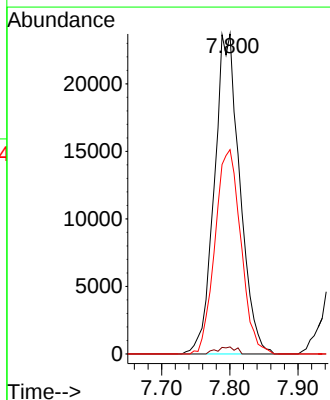
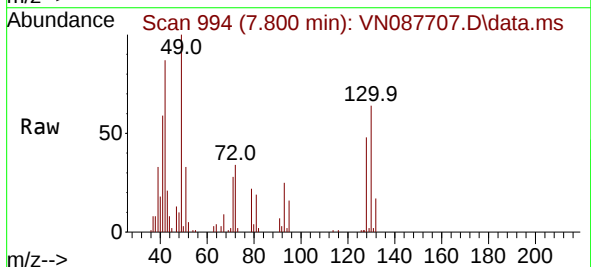
Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/03/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025



#28
 Bromochloromethane
 Concen: 18.969 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN087707.D
 Acq: 02 Sep 2025 12:28

Tgt Ion: 49 Resp: 61751
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.0
 130 64.7 53.1 79.7





#29

Tetrahydrofuran

Concen: 87.999 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

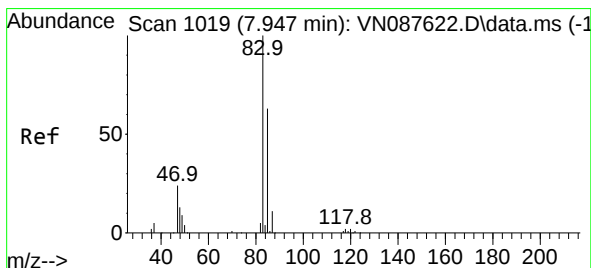
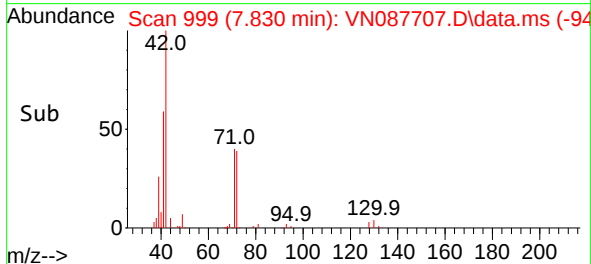
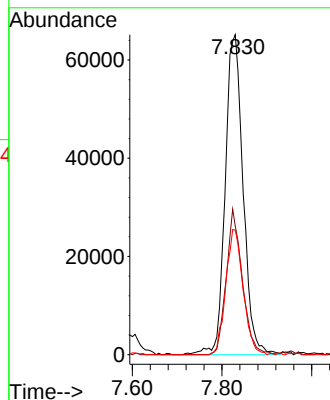
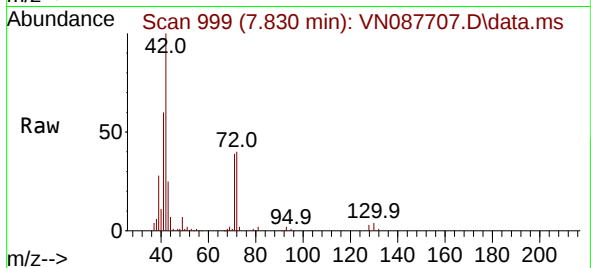
Tgt Ion:	42	Resp:	18101
Ion	Ratio	Lower	Upper
42	100		
72	40.8	33.7	50.5
71	37.9	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#30

Chloroform

Concen: 17.527 ug/l

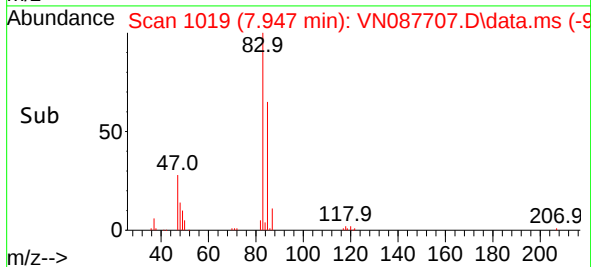
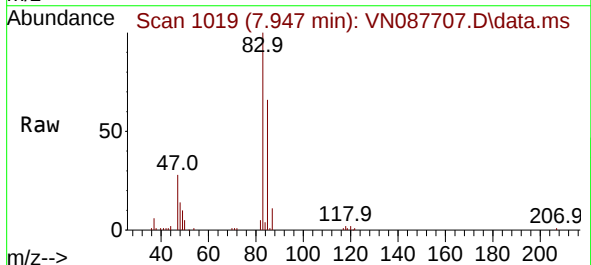
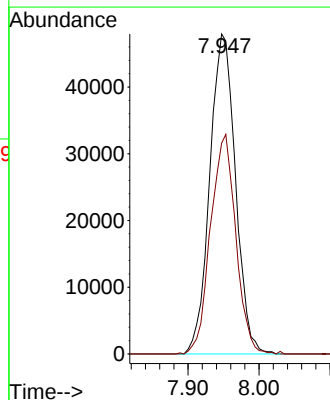
RT: 7.947 min Scan# 1019

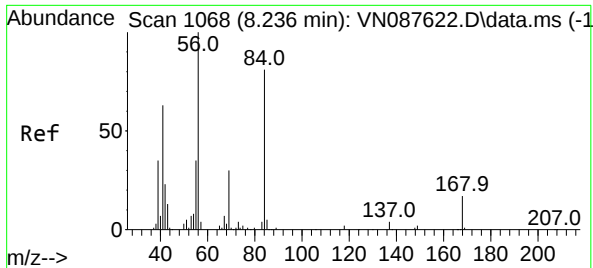
Delta R.T. -0.000 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

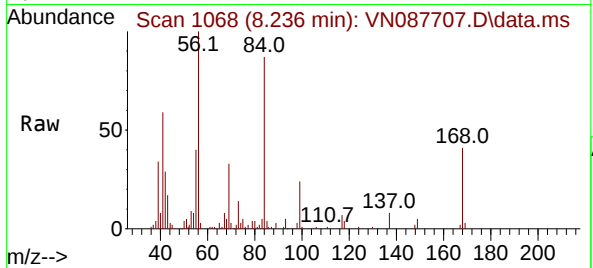
Tgt Ion:	83	Resp:	120463
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.7	76.1





#31
Cyclohexane
Concen: 18.025 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

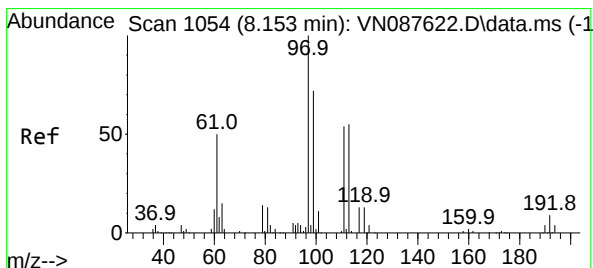
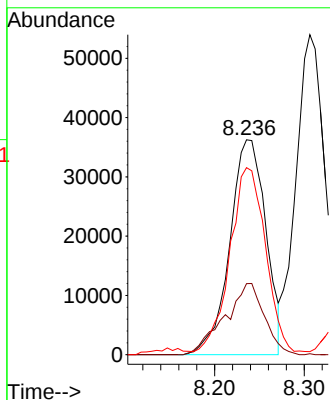
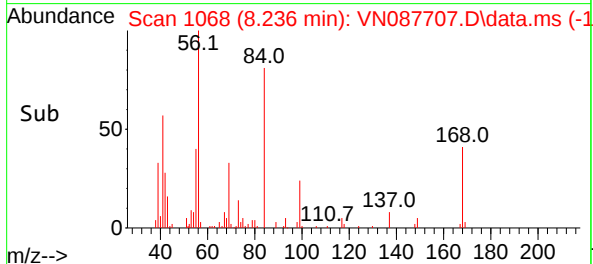
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



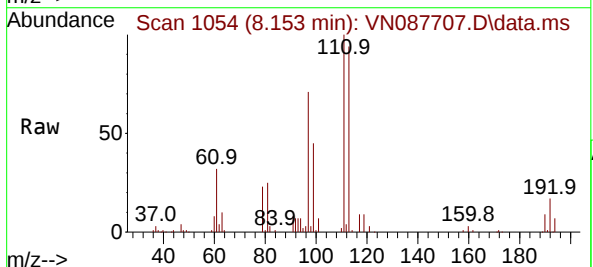
Tgt Ion: 56 Resp: 10118
Ion Ratio Lower Upper
56 100
69 33.0 23.7 35.5
84 84.1 64.7 97.1

Manual Integrations
APPROVED

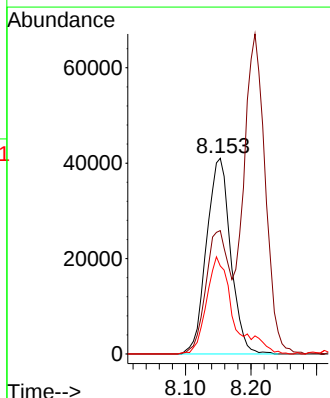
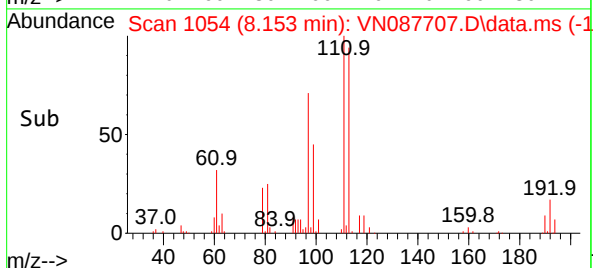
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

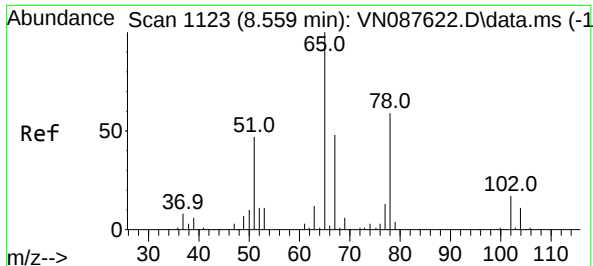


#32
1,1,1-Trichloroethane
Concen: 17.977 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28



Tgt Ion: 97 Resp: 104710
Ion Ratio Lower Upper
97 100
99 60.4 52.2 78.2
61 55.1 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 44.139 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

Tgt Ion: 65 Resp: 19699

Ion Ratio Lower Upper

65 100

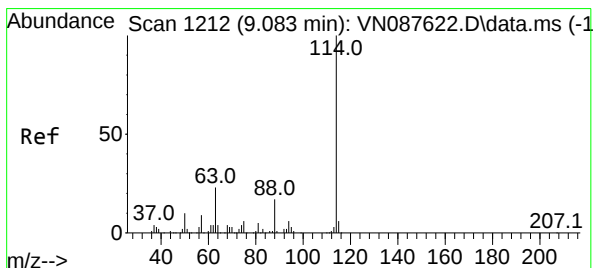
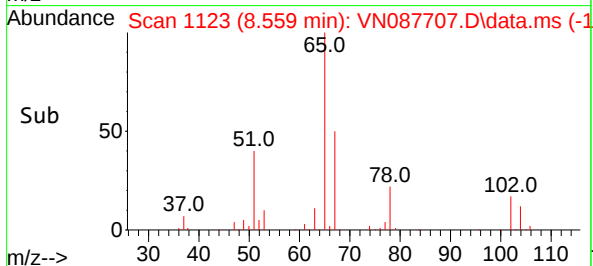
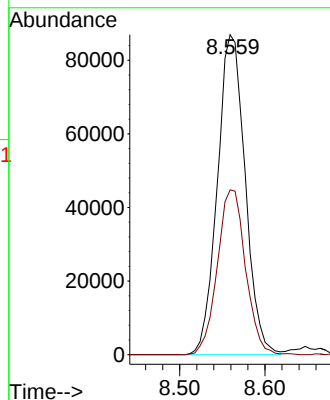
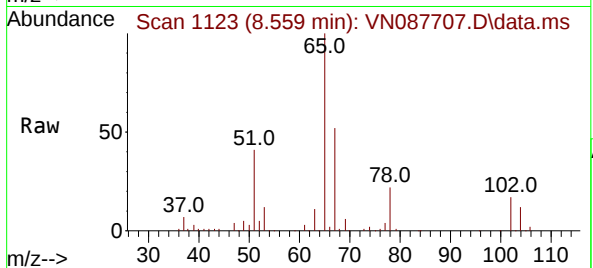
67 52.3 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

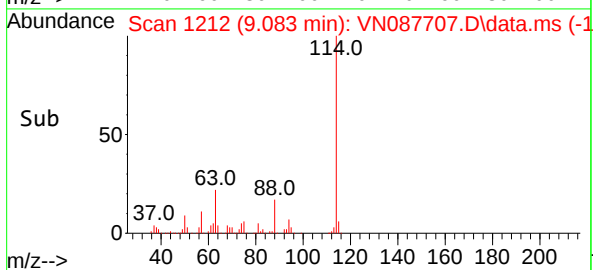
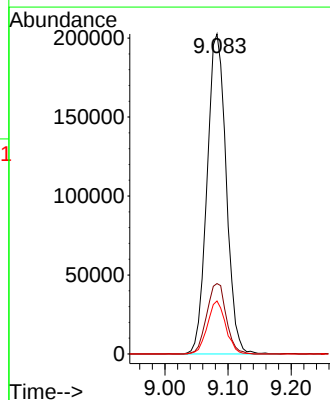
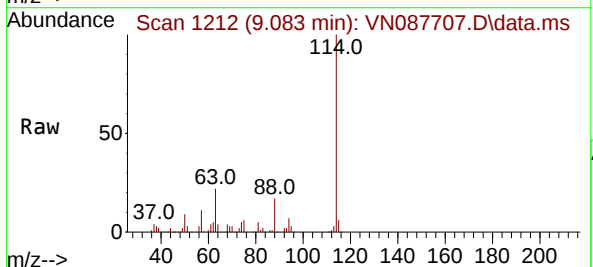
Tgt Ion:114 Resp: 425501

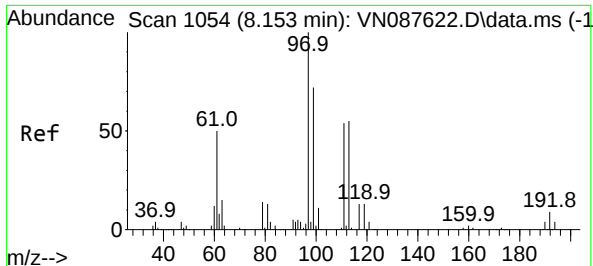
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.2

88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 44.509 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

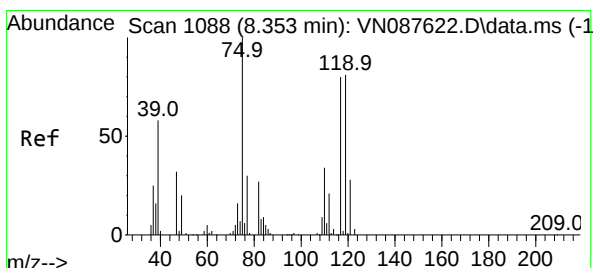
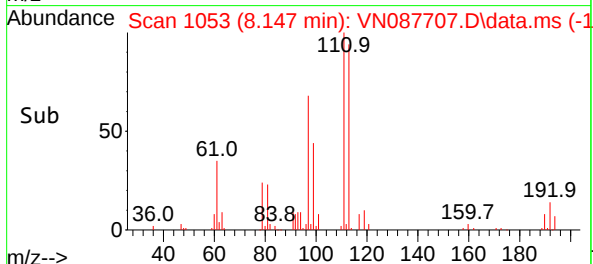
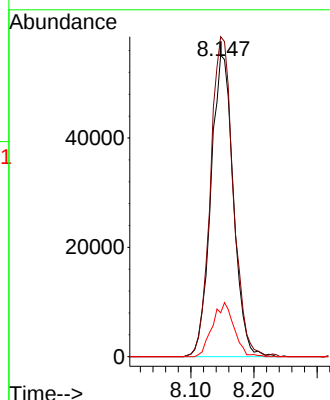
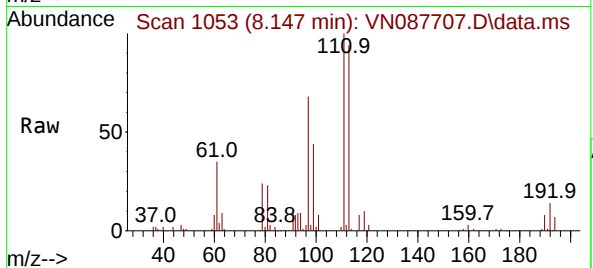
Tgt Ion:	113	Resp:	13673
Ion Ratio	Lower	Upper	
113	100		
111	106.3	82.8	124.2
192	17.2	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#36

1,1-Dichloropropene

Concen: 17.258 ug/l

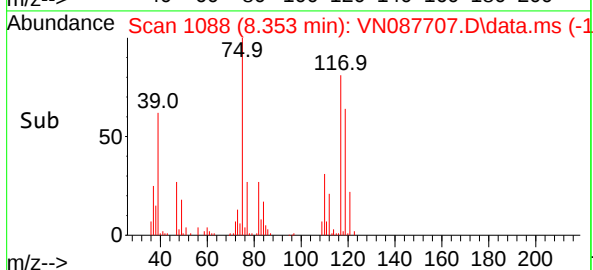
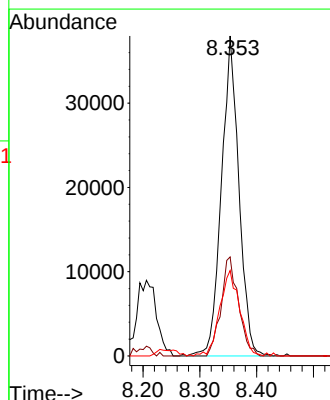
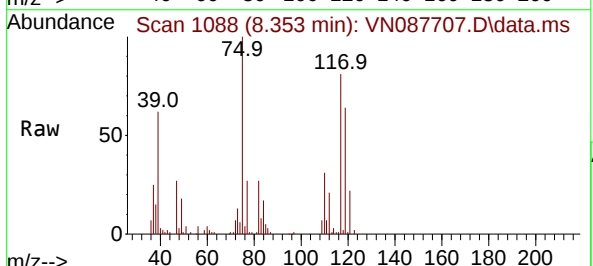
RT: 8.353 min Scan# 1088

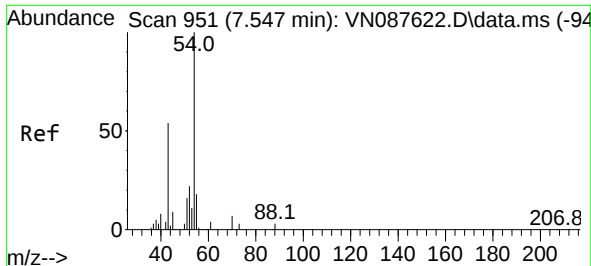
Delta R.T. -0.000 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

Tgt Ion:	75	Resp:	81336
Ion Ratio	Lower	Upper	
75	100		
110	30.9	15.9	47.6
77	30.3	24.4	36.6





#37

Ethyl Acetate

Concen: 18.021 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN087707.D

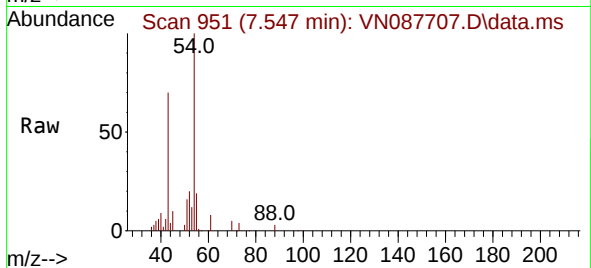
Acq: 02 Sep 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

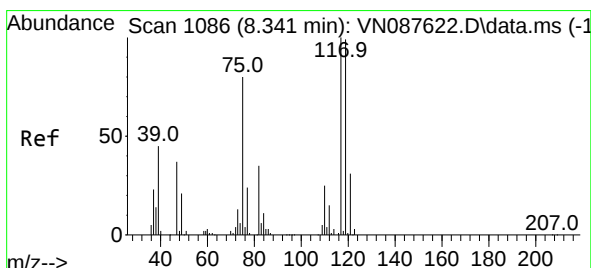
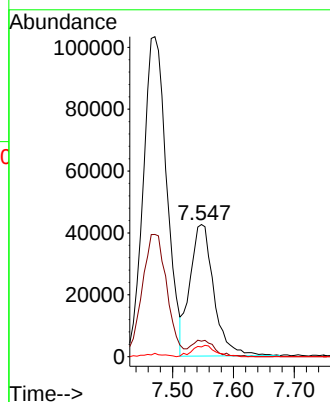
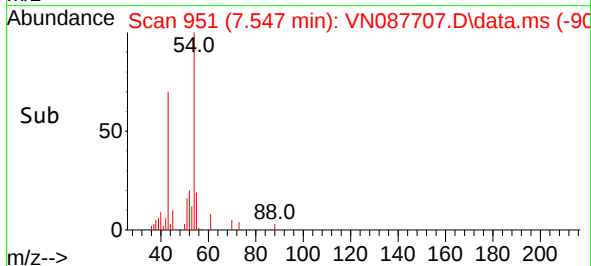
VN0902MBS01



Tgt Ion:	43	Resp:	11606
Ion Ratio	Lower	Upper	
43	100		
61	11.8	9.3	13.9
70	8.2	7.0	10.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#38

Carbon Tetrachloride

Concen: 18.375 ug/l

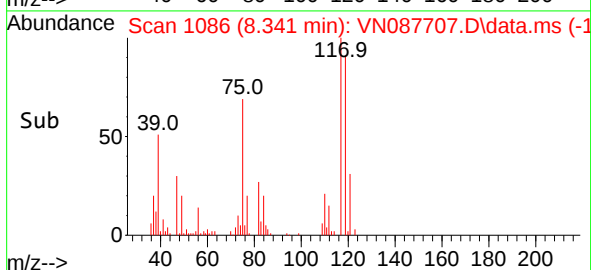
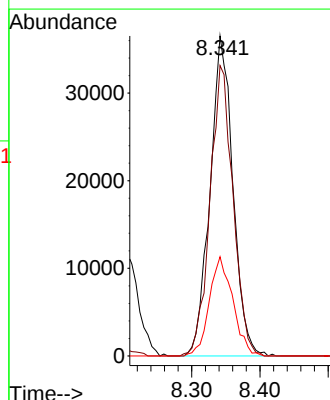
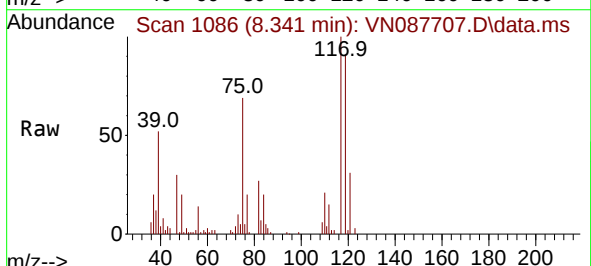
RT: 8.341 min Scan# 1086

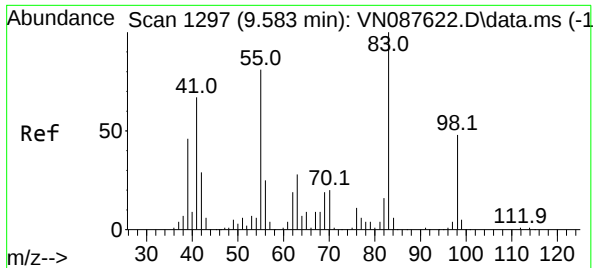
Delta R.T. -0.000 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

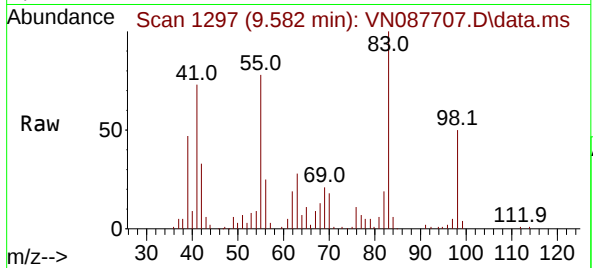
Tgt Ion:	117	Resp:	85506
Ion Ratio	Lower	Upper	
117	100		
119	90.8	79.0	118.6
121	31.0	25.0	37.6





#39
Methylcyclohexane
Concen: 17.696 ug/l
RT: 9.582 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

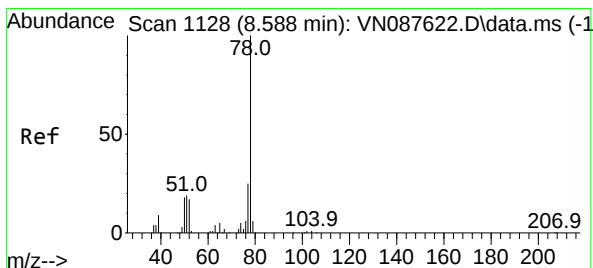
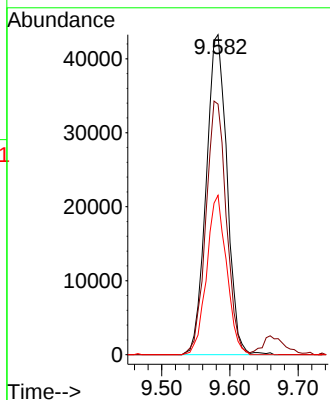
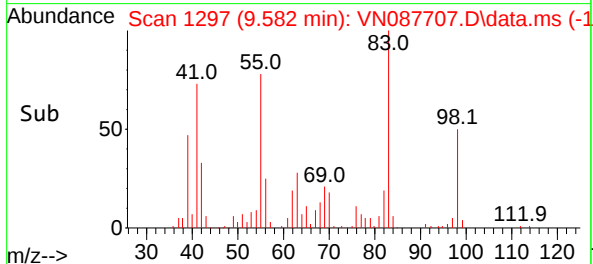
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBSD01



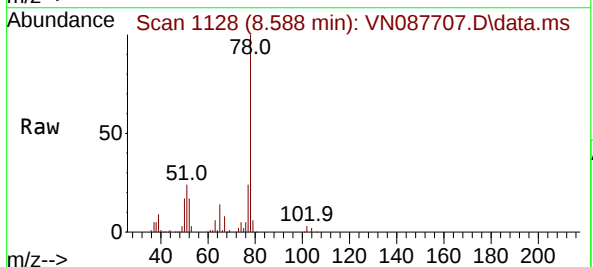
Tgt Ion: 83 Resp: 9182
Ion Ratio Lower Upper
83 100
55 78.3 64.6 96.8
98 49.8 38.4 57.6

Manual Integrations
APPROVED

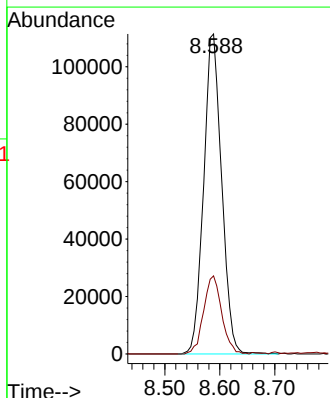
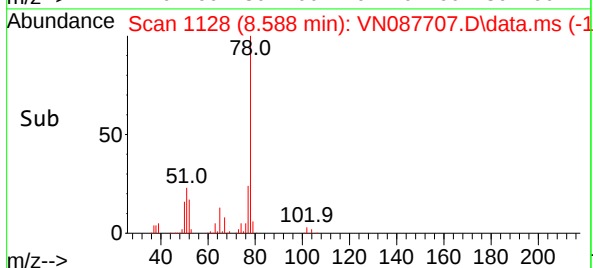
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

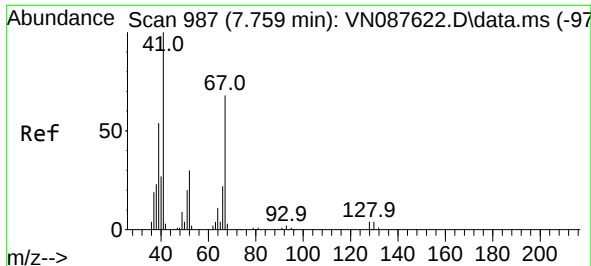


#40
Benzene
Concen: 17.512 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28



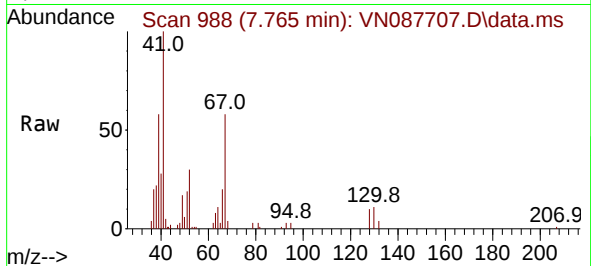
Tgt Ion: 78 Resp: 253148
Ion Ratio Lower Upper
78 100
77 24.4 19.7 29.5





#41
Methacrylonitrile
Concen: 17.548 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

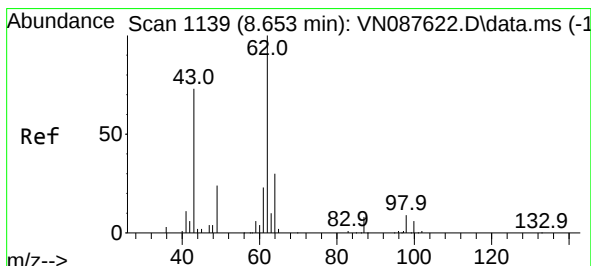
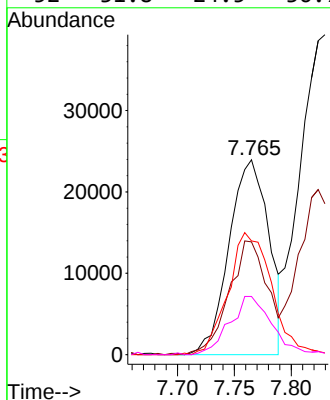
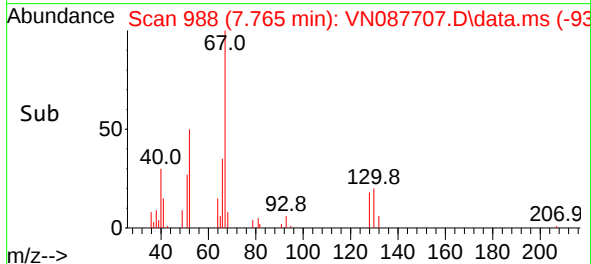
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



Tgt Ion: 41 Resp: 5854
Ion Ratio Lower Upper
41 100
39 56.3 45.4 68.0
67 68.2 55.3 82.9
52 31.8 24.5 36.7

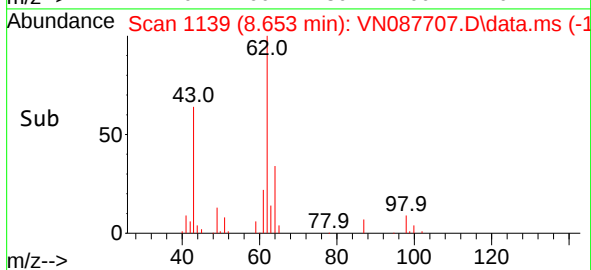
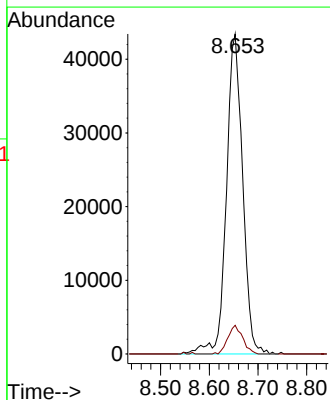
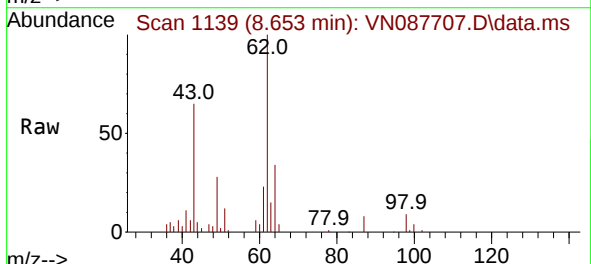
Manual Integrations
APPROVED

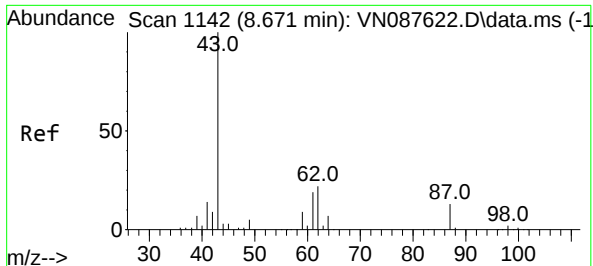
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#42
1,2-Dichloroethane
Concen: 18.143 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

Tgt Ion: 62 Resp: 100786
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.4





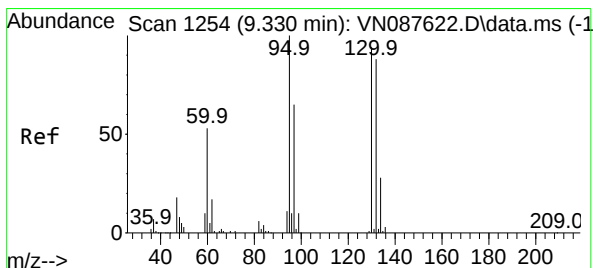
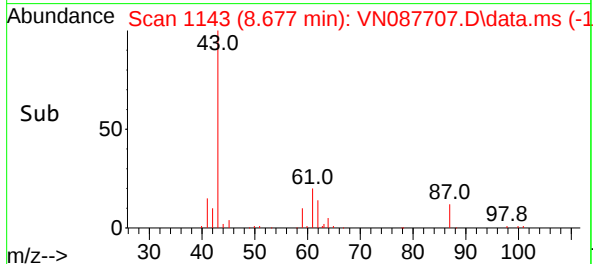
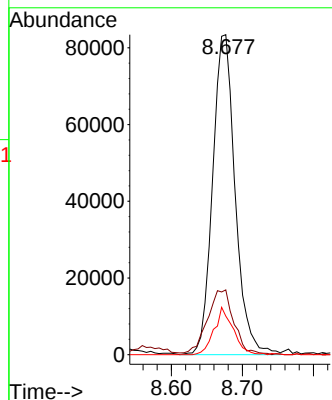
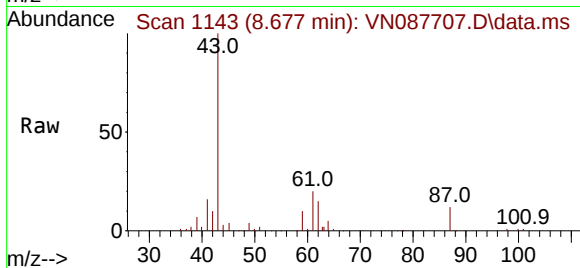
#43
Isopropyl Acetate
Concen: 18.302 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0902MBSD01

Tgt Ion: 43 Resp: 18402
Ion Ratio Lower Upper
43 100
61 23.9 18.8 28.2
87 12.5 9.6 14.4

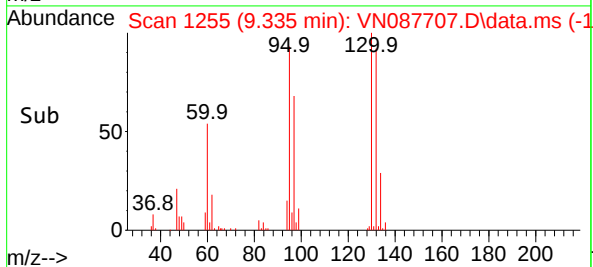
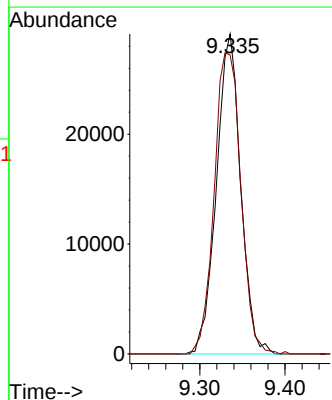
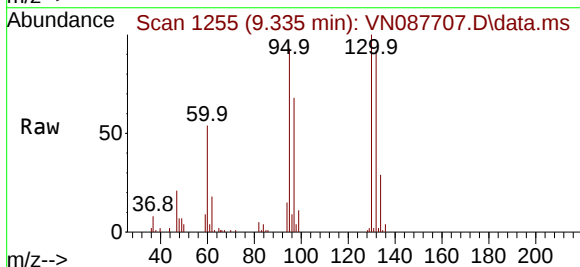
Manual Integrations
APPROVED

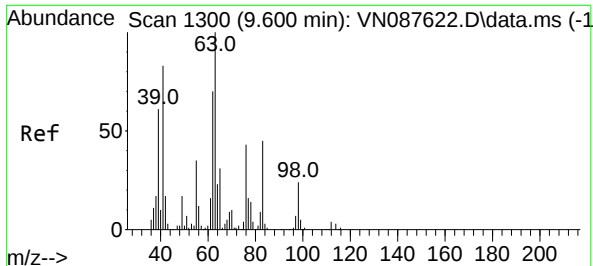
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#44
Trichloroethene
Concen: 17.436 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

Tgt Ion:130 Resp: 57544
Ion Ratio Lower Upper
130 100
95 93.4 0.0 212.0





#45

1,2-Dichloropropane

Concen: 17.584 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

Tgt Ion: 63 Resp: 6700

Ion Ratio Lower Upper

63 100

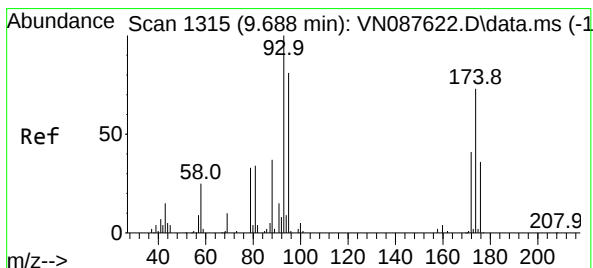
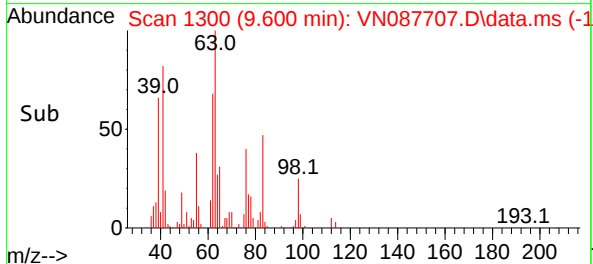
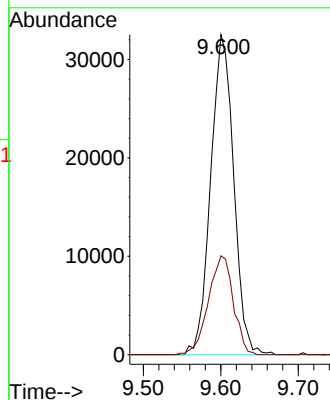
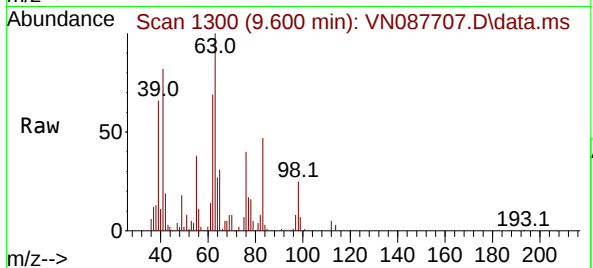
65 30.9 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#46

Dibromomethane

Concen: 18.120 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

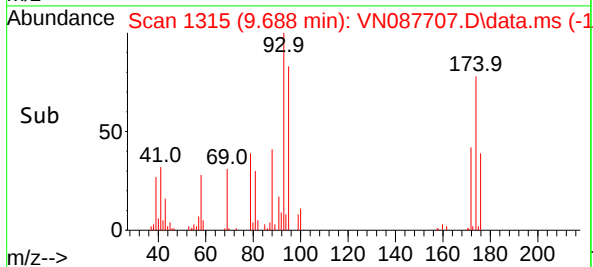
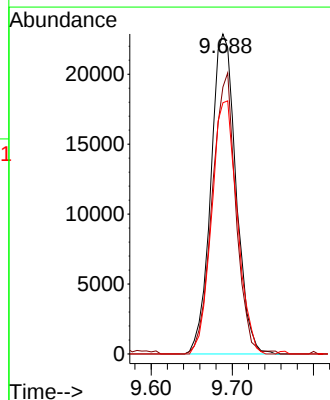
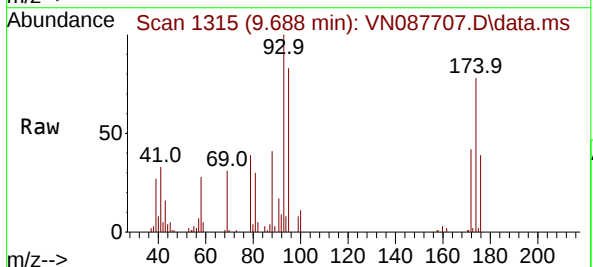
Tgt Ion: 93 Resp: 49132

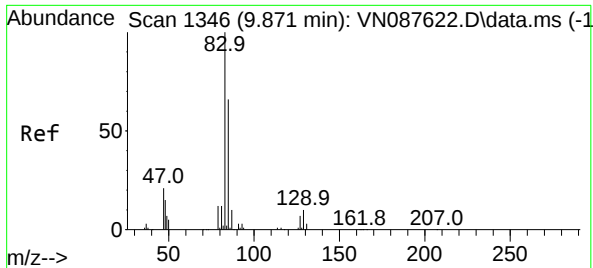
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

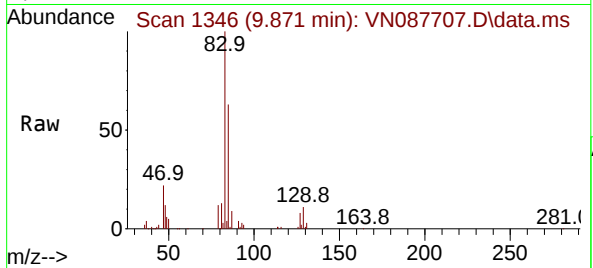
174 80.5 63.4 95.2





#47
Bromodichloromethane
Concen: 18.759 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

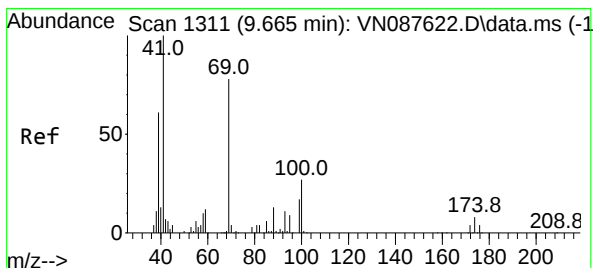
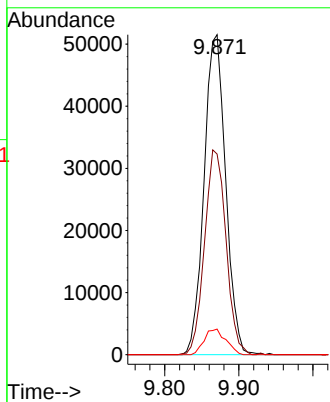
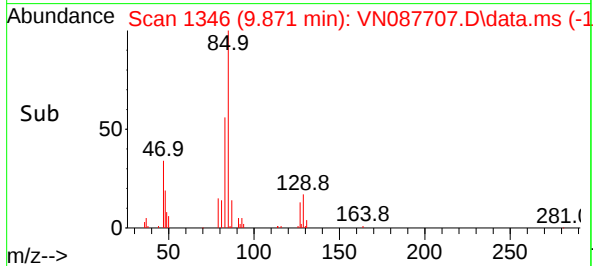
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



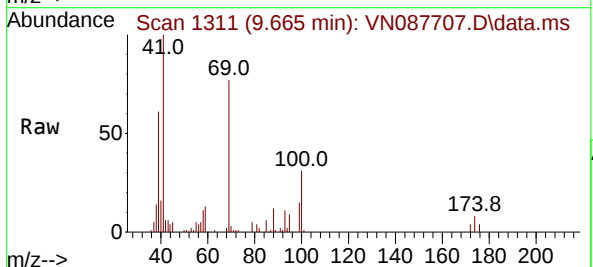
Tgt Ion: 83 Resp: 104249
Ion Ratio Lower Upper
83 100
85 62.7 52.5 78.7
127 8.0 5.8 8.6

Manual Integrations
APPROVED

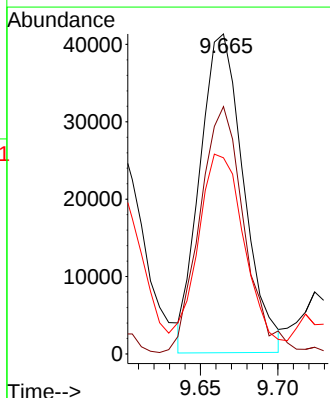
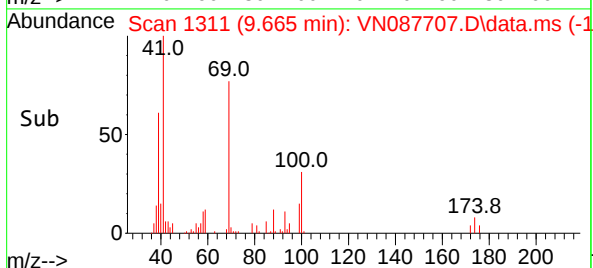
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

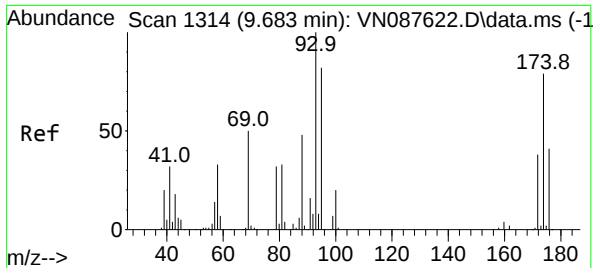


#48
Methyl methacrylate
Concen: 16.993 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28



Tgt Ion: 41 Resp: 80820
Ion Ratio Lower Upper
41 100
69 79.2 62.7 94.1
39 68.2 52.9 79.3





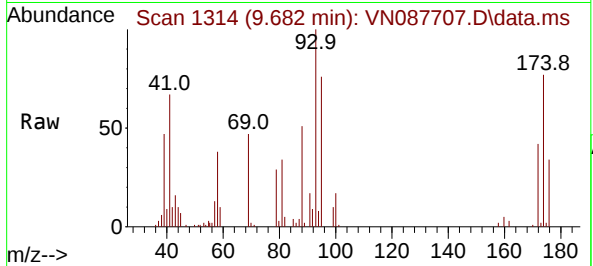
#49
 1,4-Dioxane
 Concen: 383.068 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VN087707.D
 Acq: 02 Sep 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01



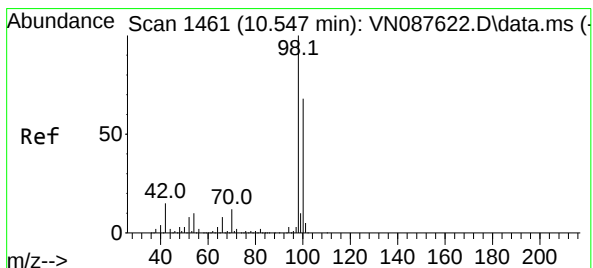
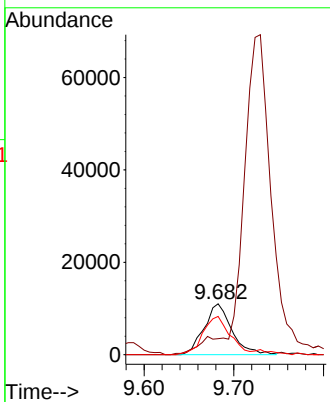
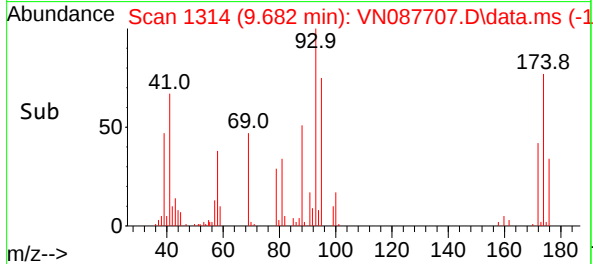
Tgt Ion: 88 Resp: 23614
 Ion Ratio Lower Upper
 88 100
 43 26.4 0.0 0.0
 58 73.4 57.9 86.9

Manual Integrations

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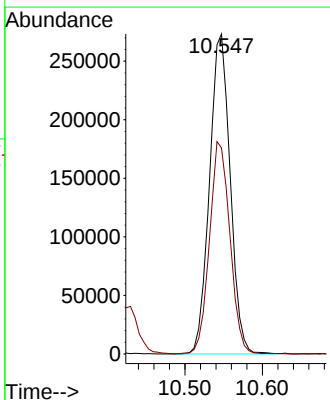
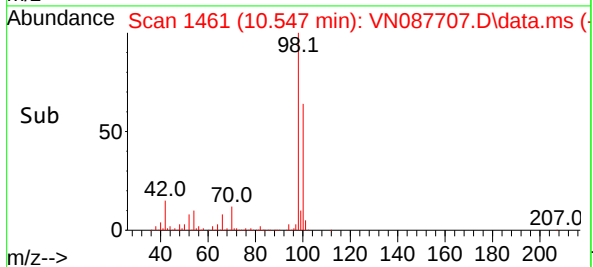
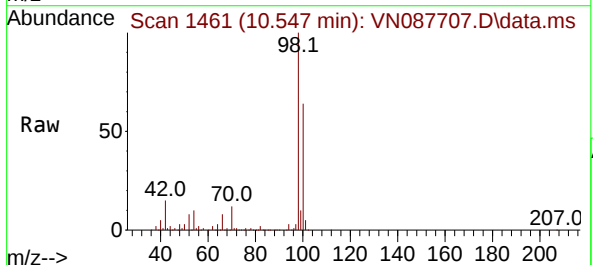
Reviewed By :John Carlone 09/03/2025

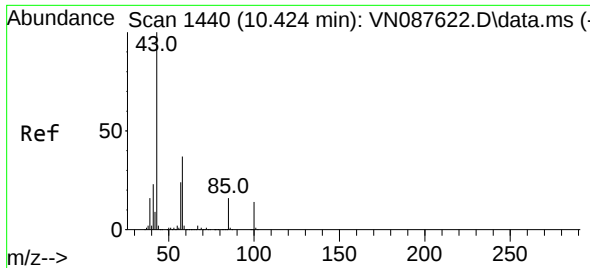
Supervised By :Semsettin Yesilyurt 09/03/2025



#50
 Toluene-d8
 Concen: 43.961 ug/l
 RT: 10.547 min Scan# 1461
 Delta R.T. -0.000 min
 Lab File: VN087707.D
 Acq: 02 Sep 2025 12:28

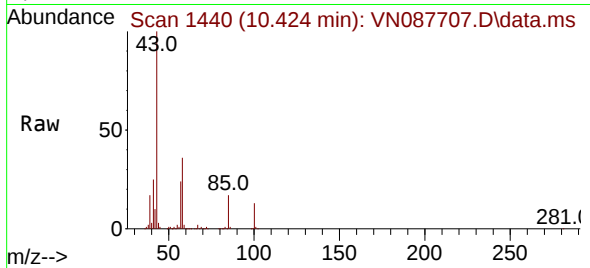
Tgt Ion: 98 Resp: 505478
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 90.838 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

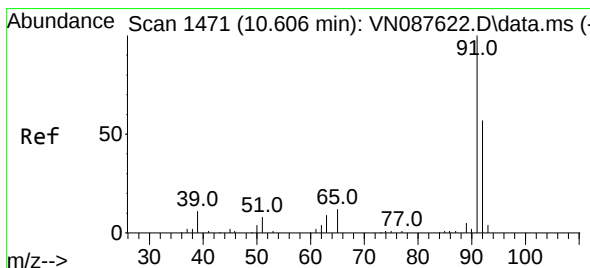
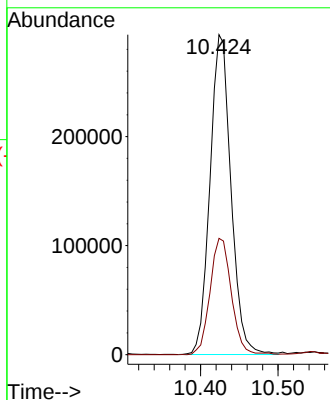
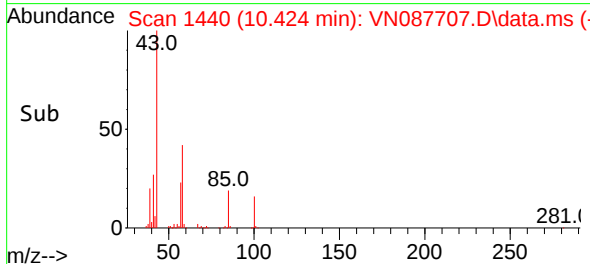
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBSD01



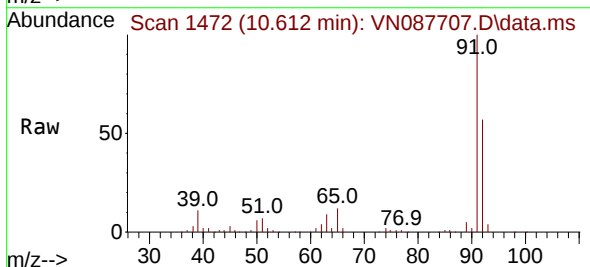
Tgt Ion: 43 Resp: 55107
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4

Manual Integrations
APPROVED

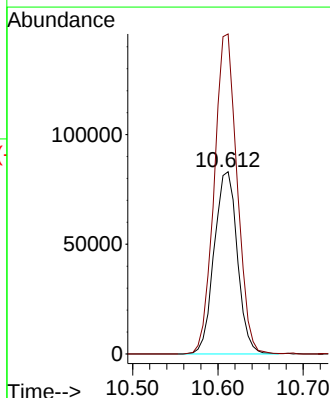
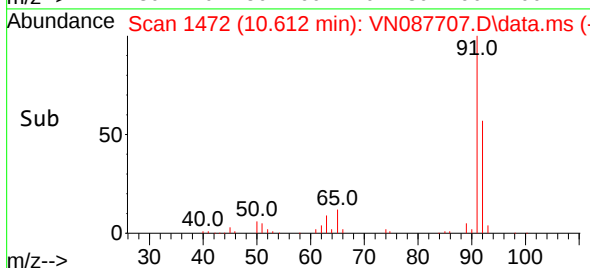
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

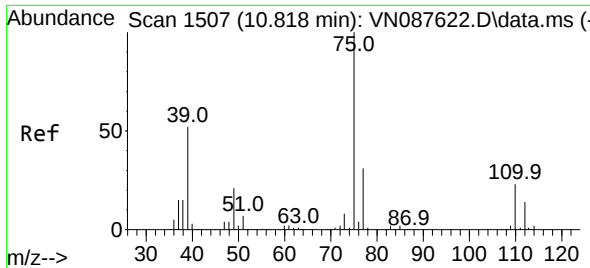


#52
Toluene
Concen: 17.526 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28



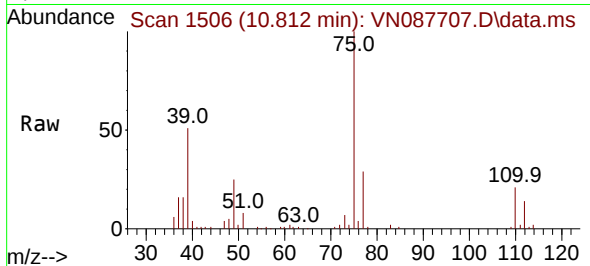
Tgt Ion: 92 Resp: 157056
Ion Ratio Lower Upper
92 100
91 173.4 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 18.077 ug/l
RT: 10.812 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

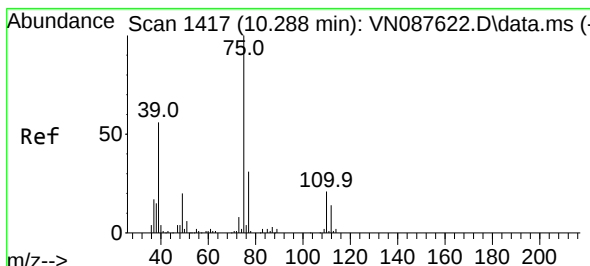
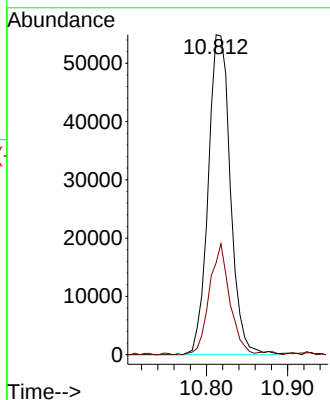
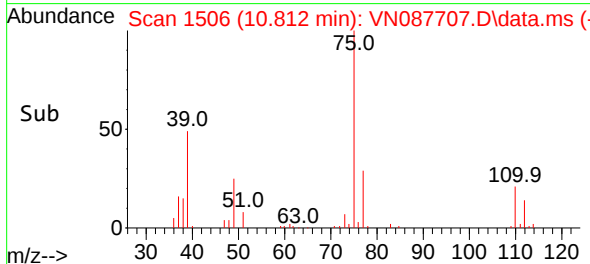
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



Tgt Ion: 75 Resp: 10398
Ion Ratio Lower Upper
75 100
77 28.4 25.2 37.8

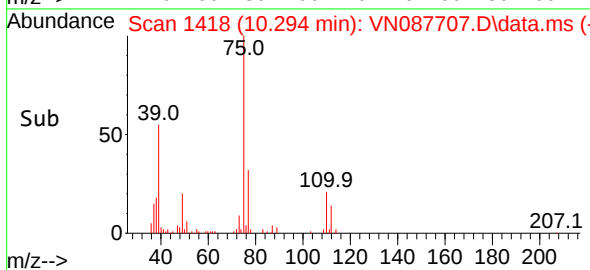
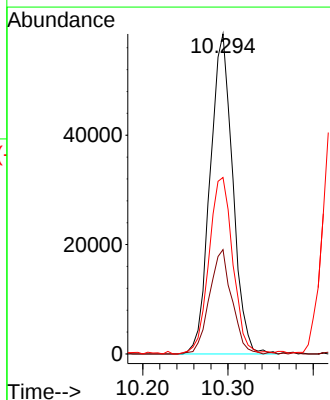
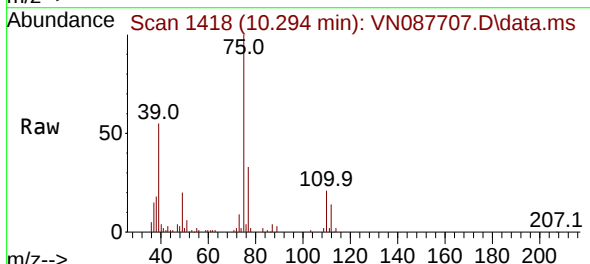
Manual Integrations
APPROVED

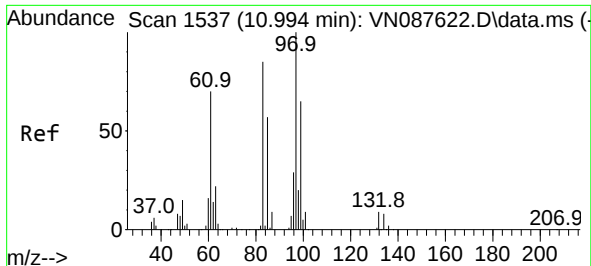
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#54
cis-1,3-Dichloropropene
Concen: 18.092 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

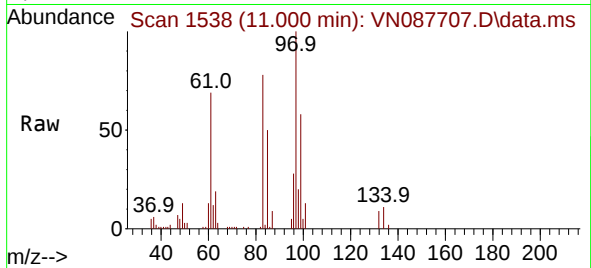
Tgt Ion: 75 Resp: 108054
Ion Ratio Lower Upper
75 100
77 32.6 24.6 37.0
39 55.1 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 18.127 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

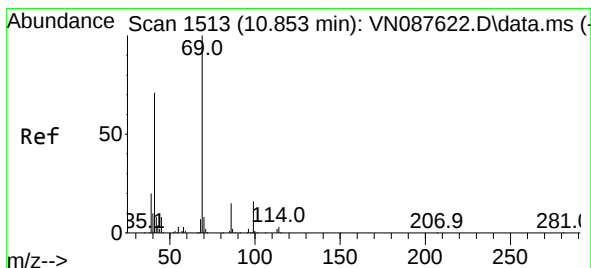
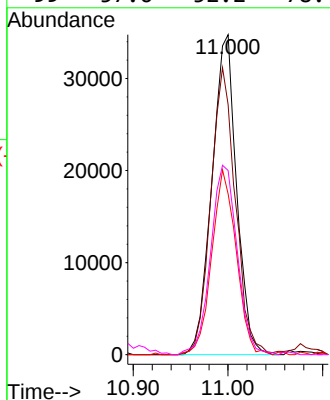
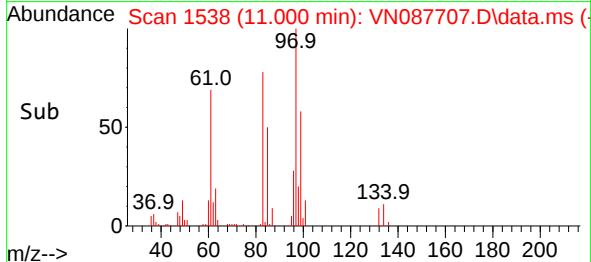
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBSD01



Tgt Ion:	97	Resp:	6284
Ion Ratio	Lower	Upper	
97	100		
83	78.2	68.2	102.4
85	50.3	45.5	68.3
99	57.6	52.2	78.4

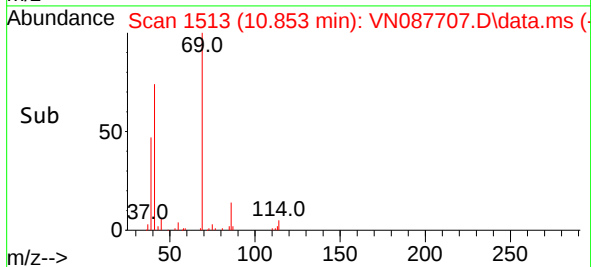
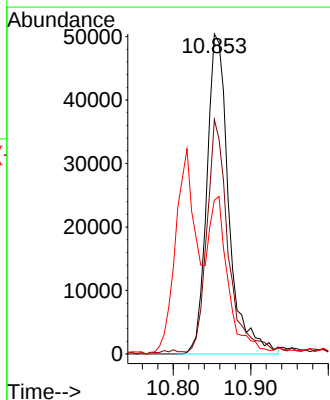
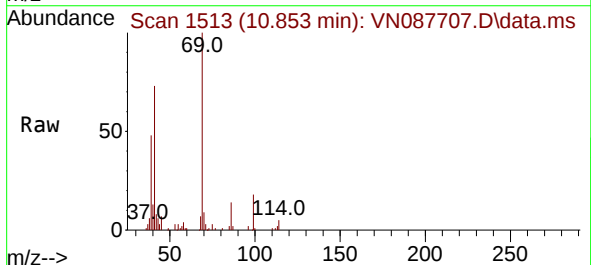
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#56
Ethyl methacrylate
Concen: 17.924 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

Tgt Ion:	69	Resp:	99302
Ion Ratio	Lower	Upper	
69	100		
41	70.5	56.5	84.7
39	40.2	34.2	51.4





#57

1,3-Dichloropropane

Concen: 18.025 ug/l

RT: 11.141 min Scan# 110589

Delta R.T. -0.000 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

Tgt Ion: 76 Resp: 110589

Ion Ratio Lower Upper

76 100

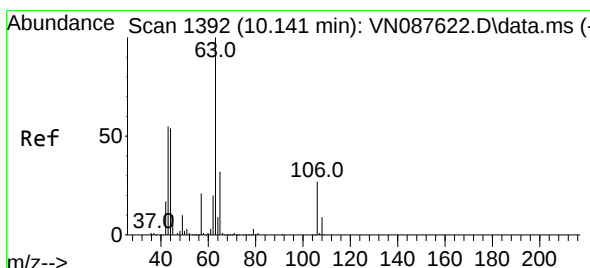
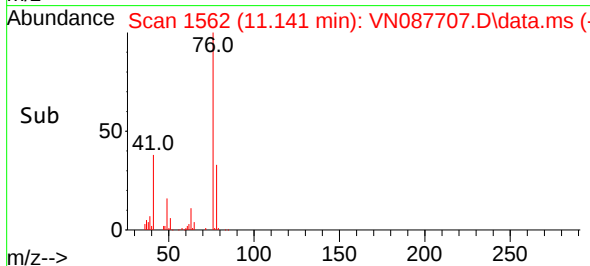
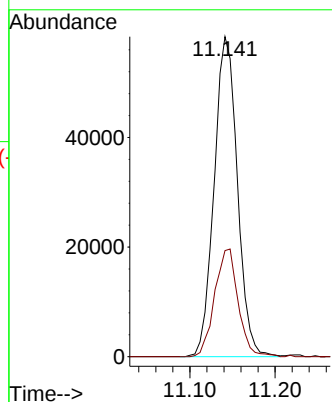
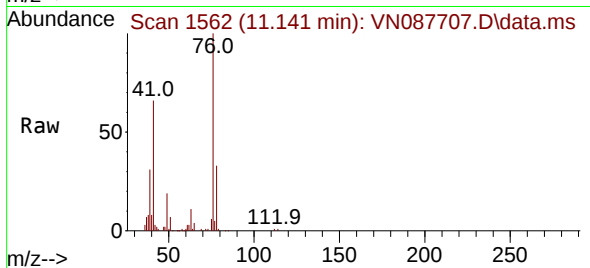
78 34.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 92.541 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087707.D

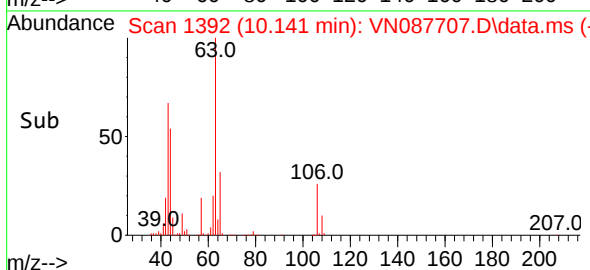
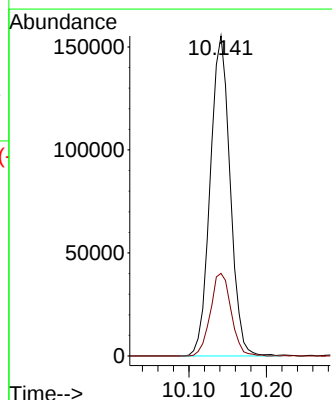
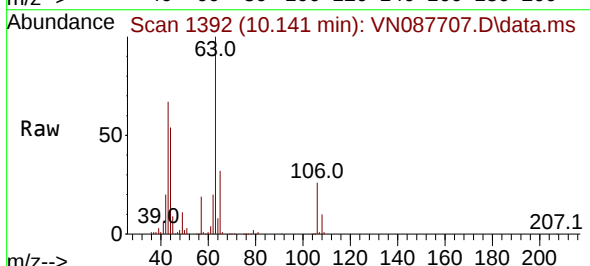
Acq: 02 Sep 2025 12:28

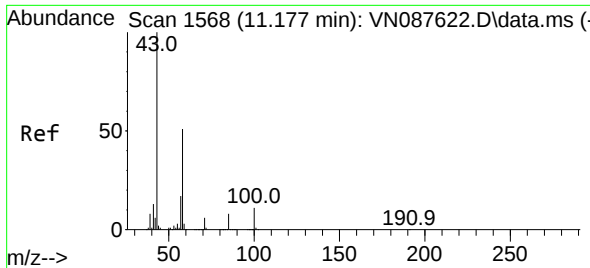
Tgt Ion: 63 Resp: 277503

Ion Ratio Lower Upper

63 100

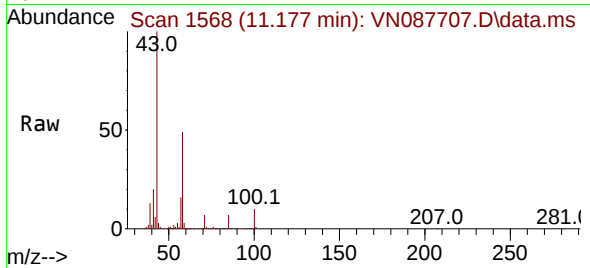
106 26.8 21.1 31.7





#59
2-Hexanone
Concen: 91.865 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

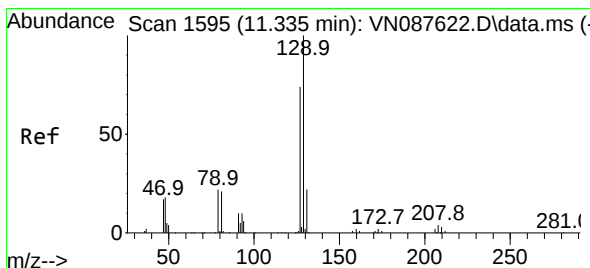
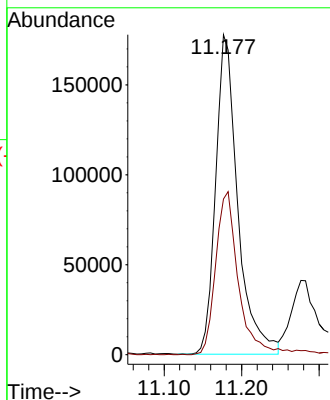
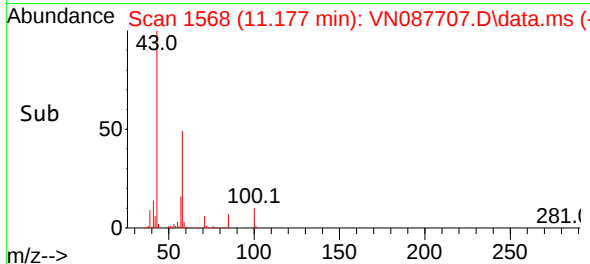
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



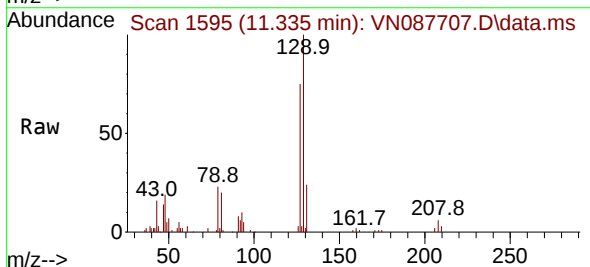
Tgt Ion: 43 Resp: 352215
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.8

Manual Integrations
APPROVED

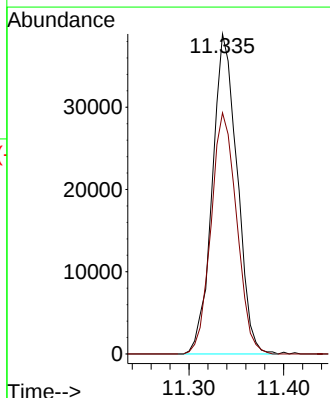
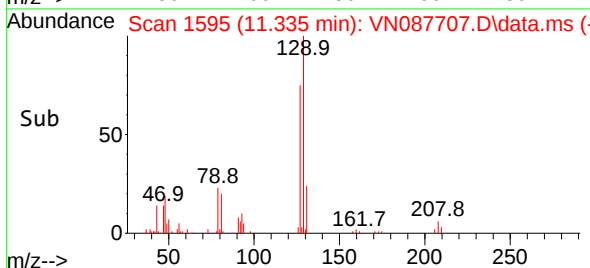
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

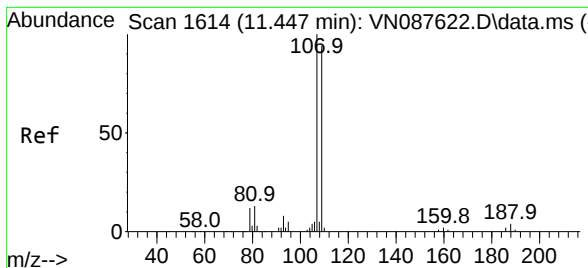


#60
Dibromochloromethane
Concen: 17.656 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28



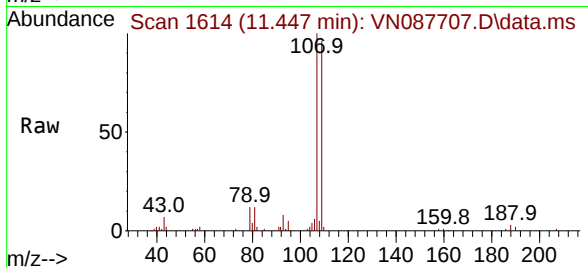
Tgt Ion:129 Resp: 70924
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3





#61
1,2-Dibromoethane
Concen: 18.132 ug/l
RT: 11.447 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

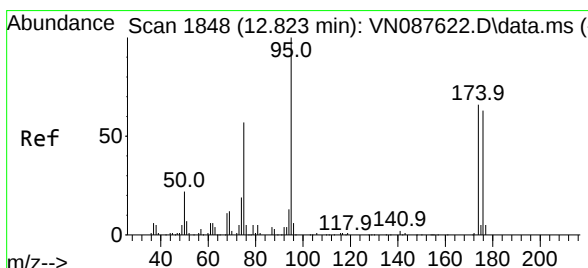
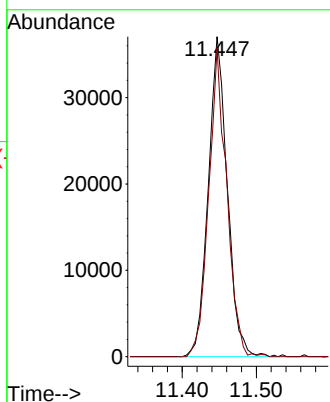
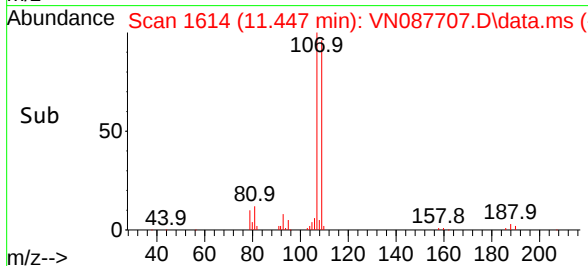
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBSD01



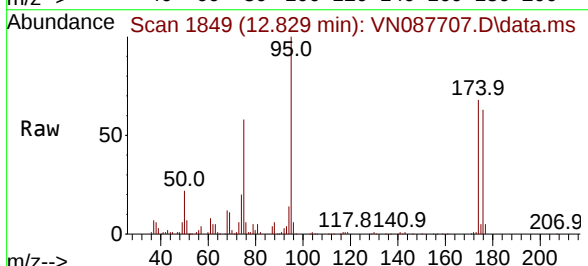
Tgt Ion:107 Resp: 6628
Ion Ratio Lower Upper
107 100
109 91.4 74.7 112.1

Manual Integrations
APPROVED

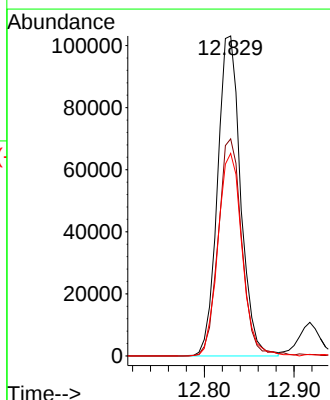
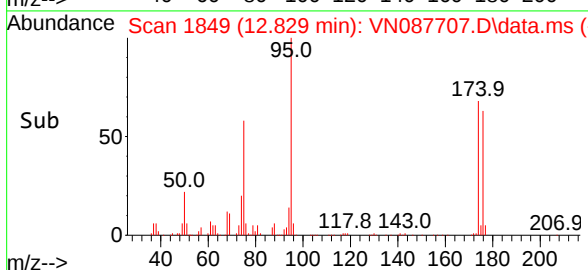
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

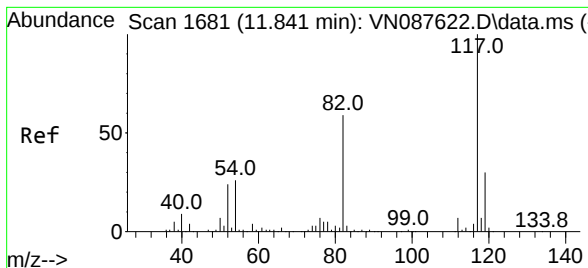


#62
4-Bromofluorobenzene
Concen: 45.090 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28



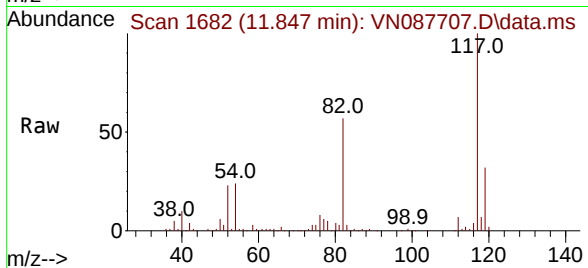
Tgt Ion: 95 Resp: 184380
Ion Ratio Lower Upper
95 100
174 69.1 0.0 138.4
176 66.2 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

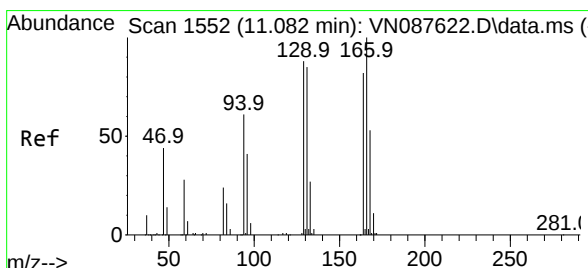
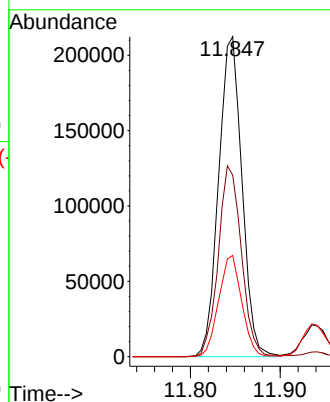
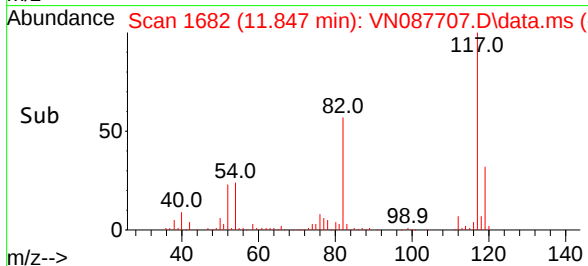
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



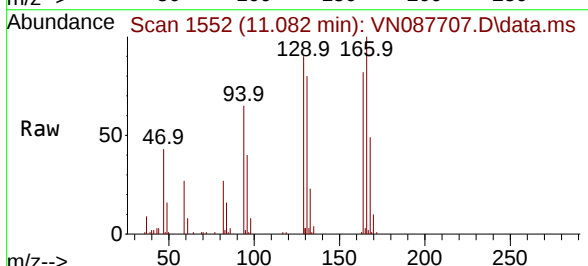
Tgt Ion:117 Resp: 38355
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 31.6 24.3 36.5

Manual Integrations
APPROVED

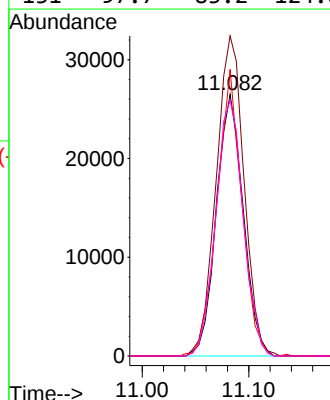
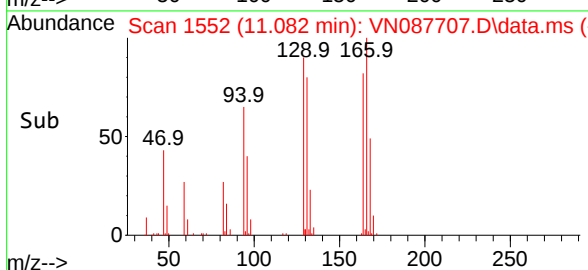
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

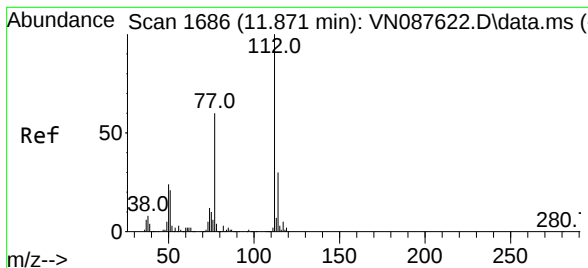


#64
Tetrachloroethene
Concen: 17.490 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28



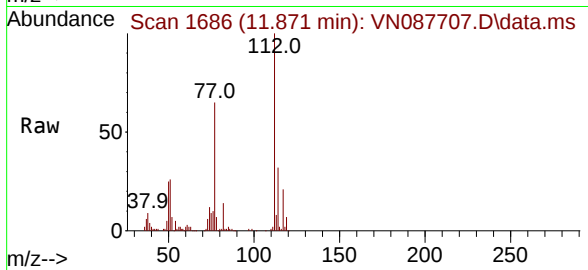
Tgt Ion:164 Resp: 46543
Ion Ratio Lower Upper
164 100
166 122.3 97.7 146.5
129 109.5 85.9 128.9
131 97.7 83.2 124.8





#65
Chlorobenzene
Concen: 17.198 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

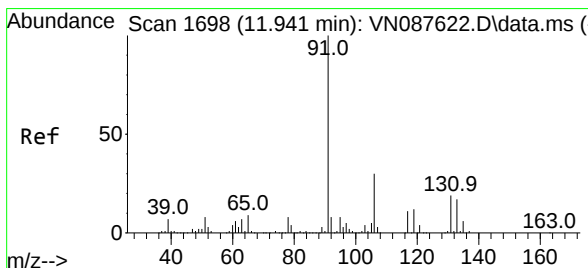
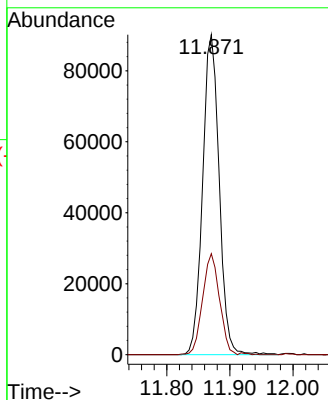
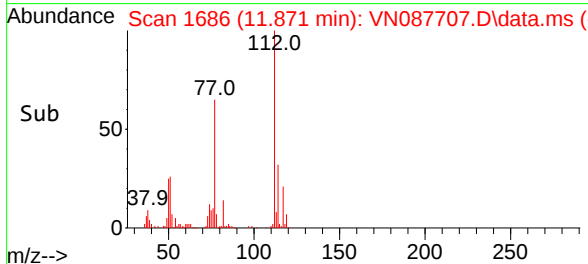
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBSD01



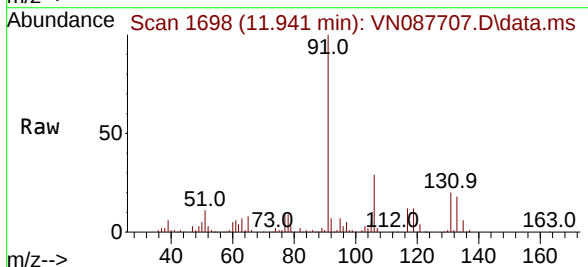
Tgt Ion:112 Resp: 16411
Ion Ratio Lower Upper
112 100
114 31.6 24.3 36.5

Manual Integrations
APPROVED

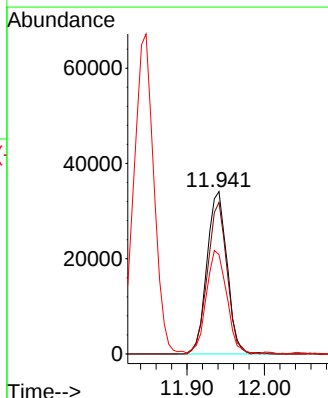
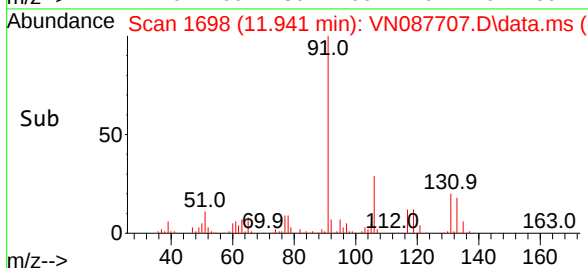
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

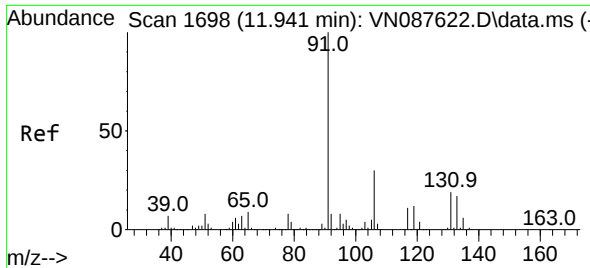


#66
1,1,1,2-Tetrachloroethane
Concen: 19.383 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28



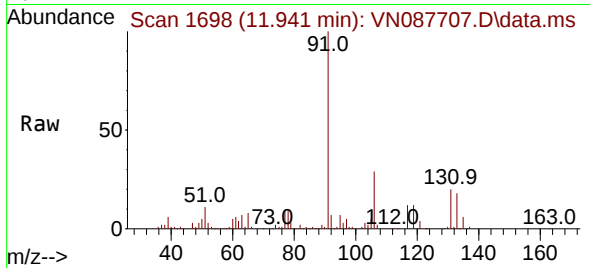
Tgt Ion:131 Resp: 61405
Ion Ratio Lower Upper
131 100
133 91.2 48.0 144.0
119 65.4 32.6 97.7





#67
Ethyl Benzene
Concen: 18.219 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

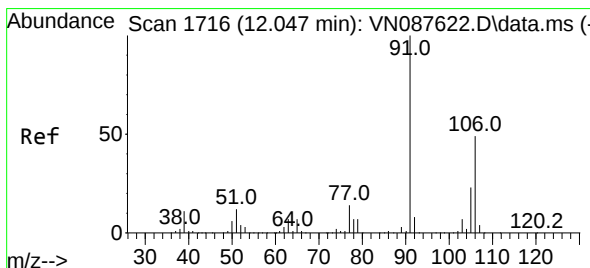
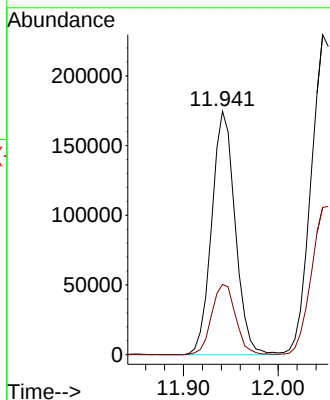
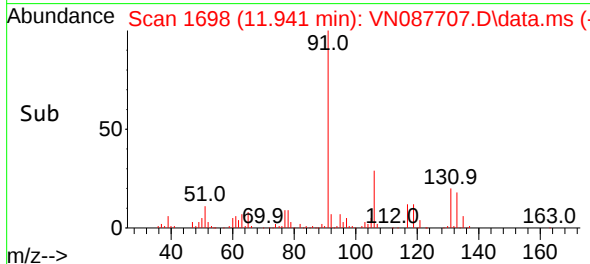
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBSD01



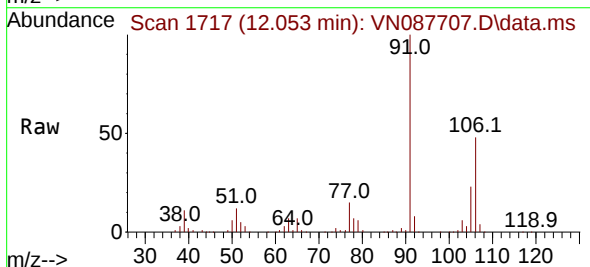
Tgt Ion: 91 Resp: 301009
Ion Ratio Lower Upper
91 100
106 28.8 24.1 36.1

Manual Integrations
APPROVED

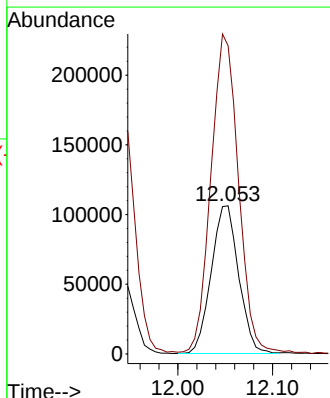
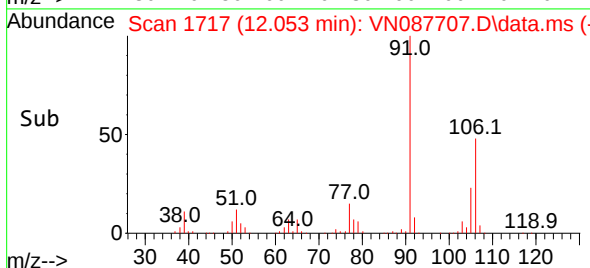
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

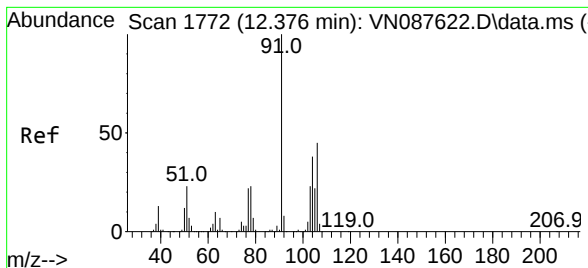


#68
m/p-Xylenes
Concen: 35.188 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28



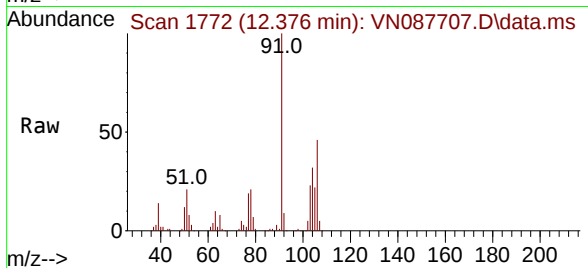
Tgt Ion:106 Resp: 213211
Ion Ratio Lower Upper
106 100
91 218.0 169.3 253.9





#69
o-Xylene
Concen: 17.644 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

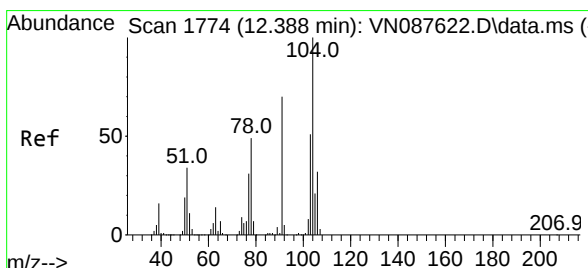
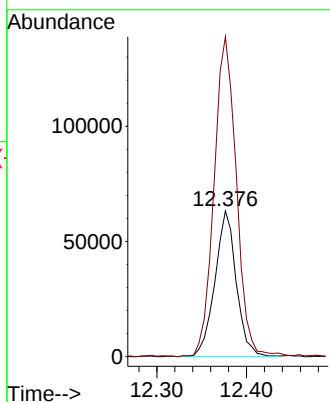
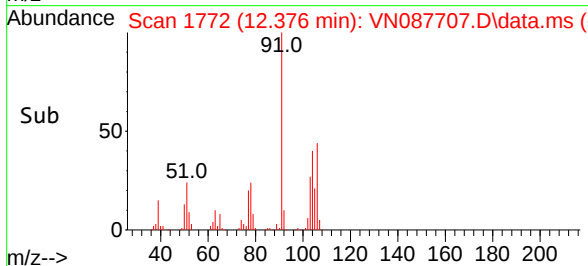
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBSD01



Tgt Ion:106 Resp: 104770
Ion Ratio Lower Upper
106 100
91 229.4 111.4 334.2

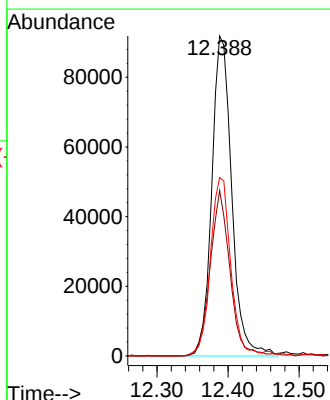
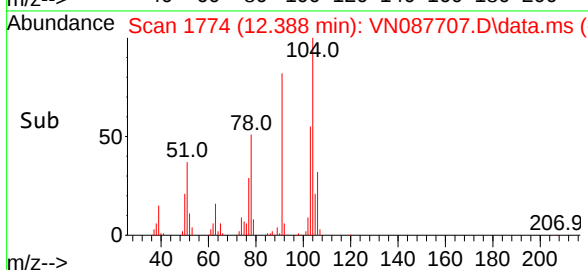
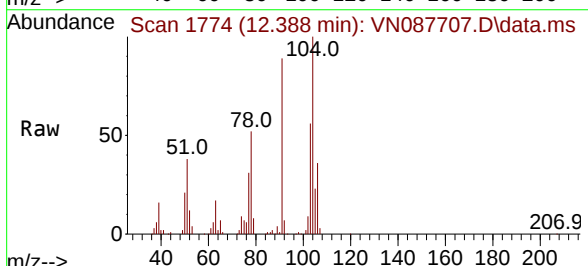
Manual Integrations
APPROVED

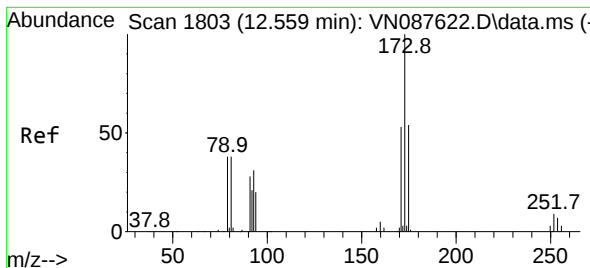
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#70
Styrene
Concen: 17.962 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

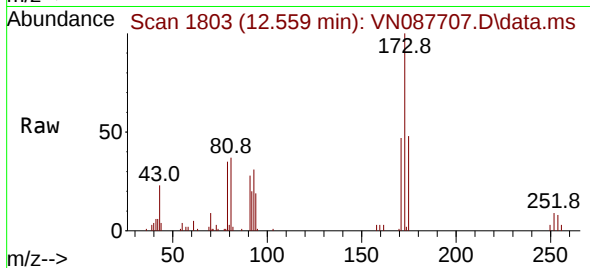
Tgt Ion:104 Resp: 178688
Ion Ratio Lower Upper
104 100
78 51.8 42.2 63.2
103 56.5 43.4 65.2





#71
Bromoform
Concen: 18.791 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

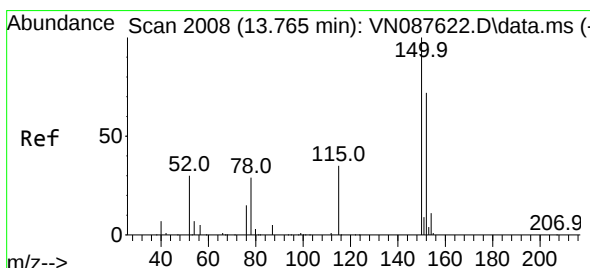
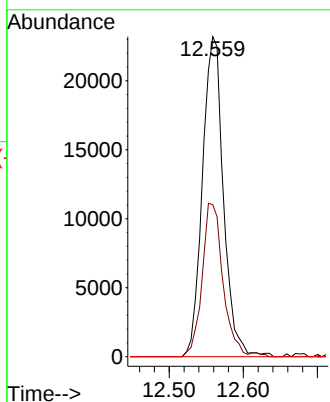
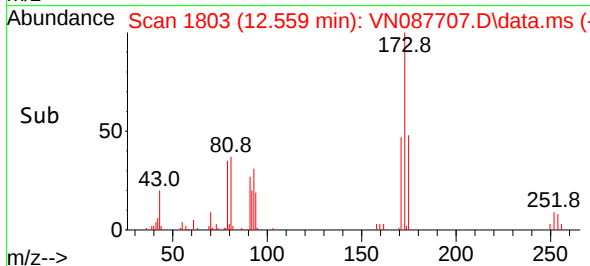
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



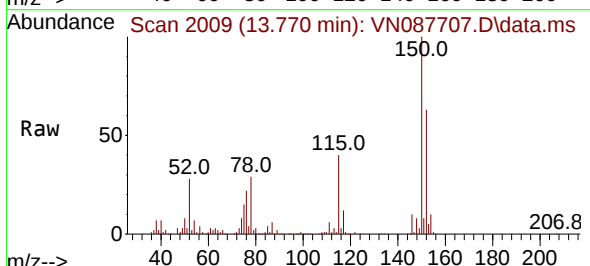
Tgt Ion:173 Resp: 45654
Ion Ratio Lower Upper
173 100
175 47.3 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

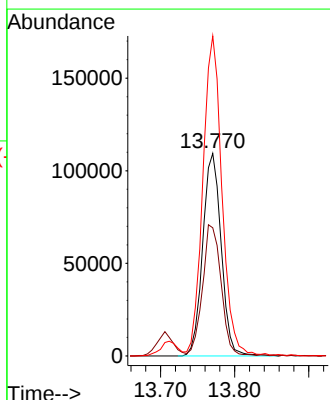
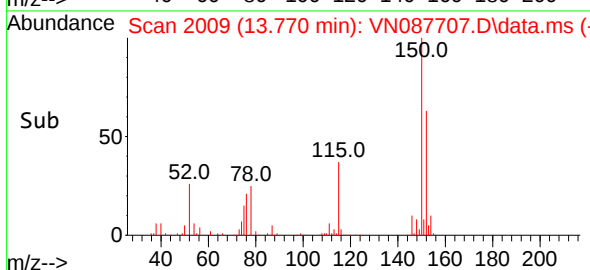
Reviewed By :John Carbone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

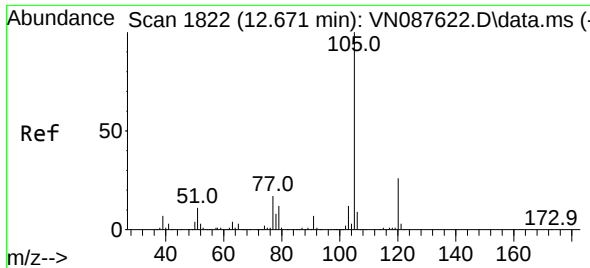


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28



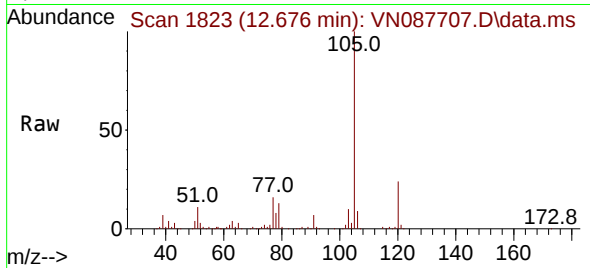
Tgt Ion:152 Resp: 189771
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 162.4 0.0 351.0





#73
Isopropylbenzene
Concen: 18.028 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

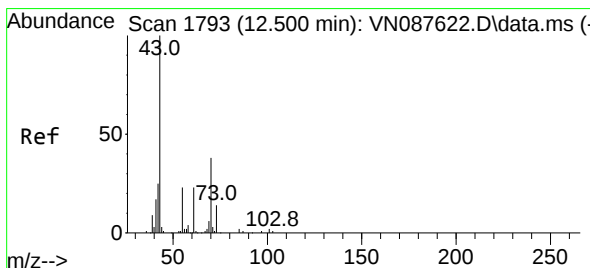
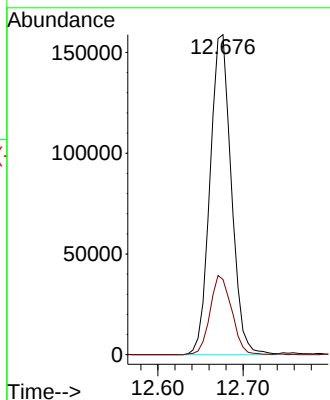
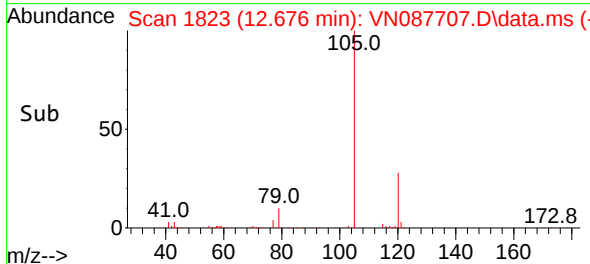
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBSD01



Tgt Ion:105 Resp: 27645
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.3

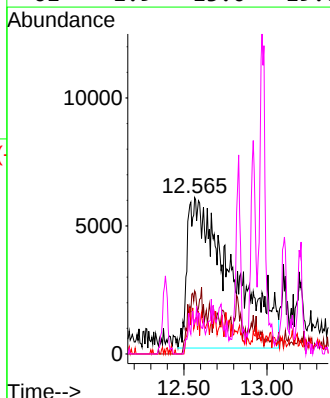
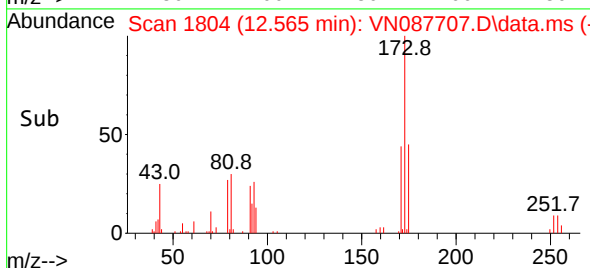
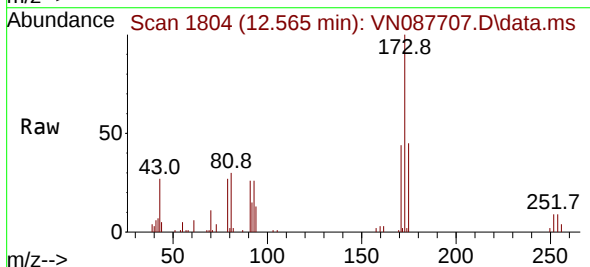
Manual Integrations
APPROVED

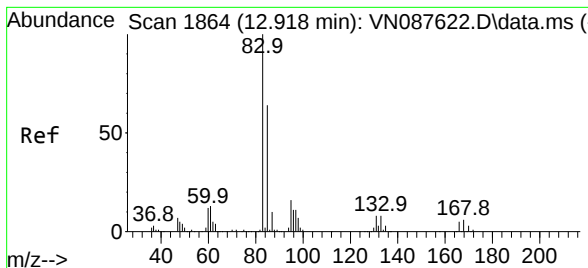
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#74
N-ethyl acetate
Concen: 18.743 ug/l m
RT: 12.565 min Scan# 1804
Delta R.T. 0.065 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

Tgt Ion: 43 Resp: 108921
Ion Ratio Lower Upper
43 100
70 0.0 27.6 41.4#
55 2.2 13.0 19.6#
61 1.9 13.0 19.6#





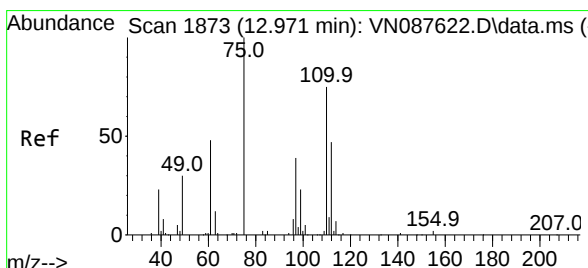
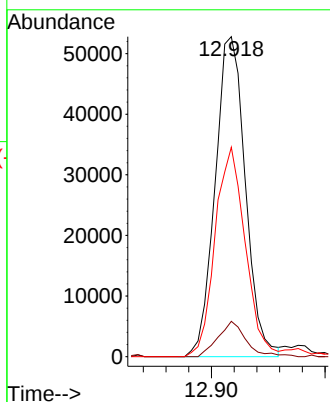
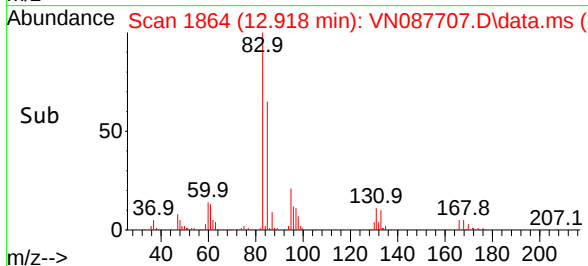
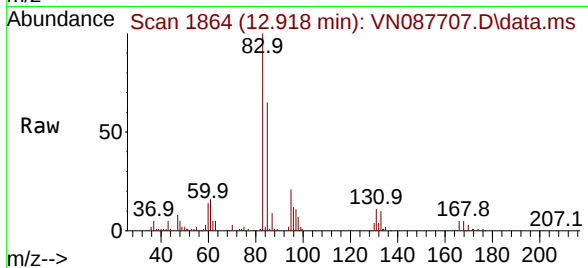
#75
1,1,2,2-Tetrachloroethane
Concen: 18.509 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01

Tgt Ion: 83 Resp: 9771
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.4
85 65.1 32.1 96.3

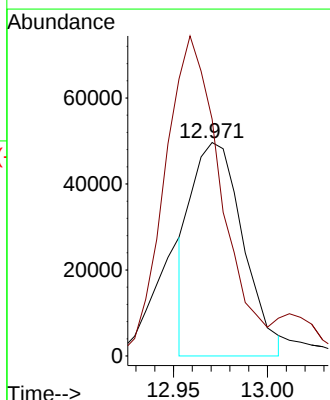
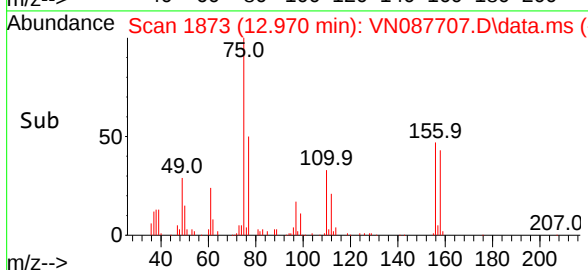
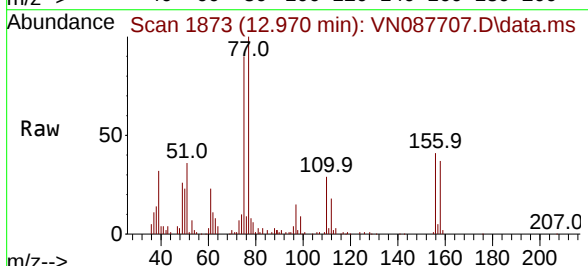
Manual Integrations
APPROVED

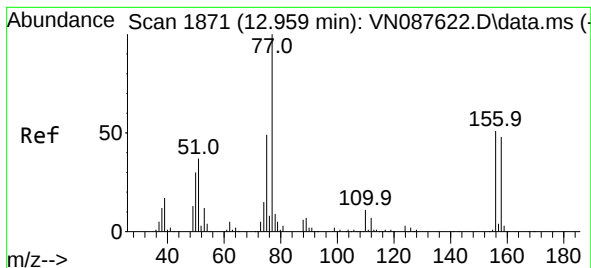
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#76
1,2,3-Trichloropropane
Concen: 21.367 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

Tgt Ion: 75 Resp: 95088
Ion Ratio Lower Upper
75 100
77 164.1 89.1 267.4





#77

Bromobenzene

Concen: 17.786 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

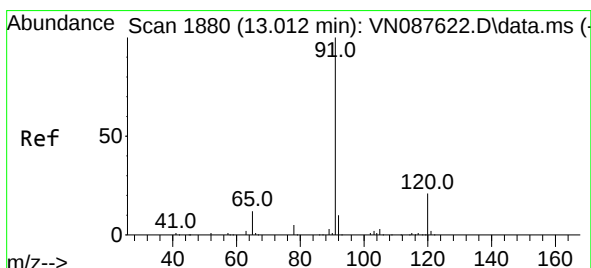
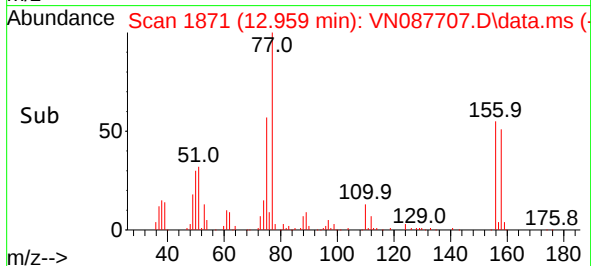
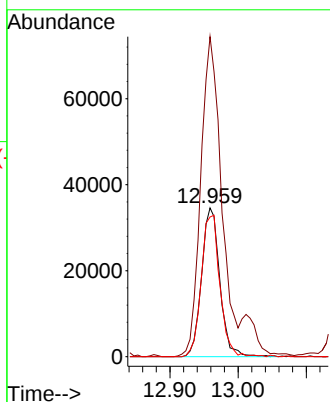
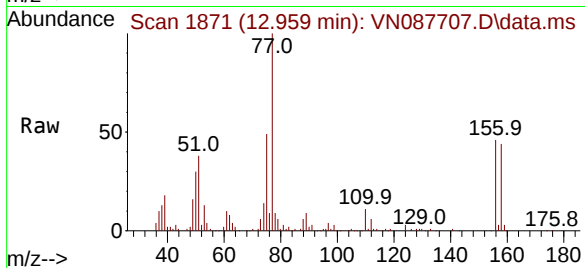
Tgt Ion:156 Resp: 6430
 Ion Ratio Lower Upper
 156 100
 77 242.7 119.3 358.0
 158 96.9 48.2 144.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#78

n-propylbenzene

Concen: 18.273 ug/l

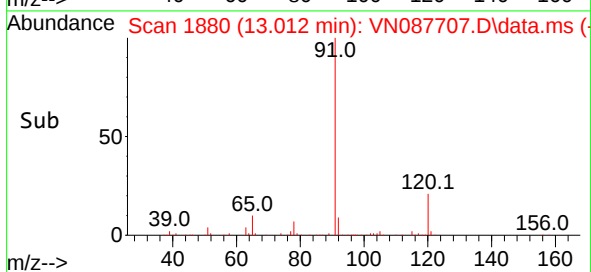
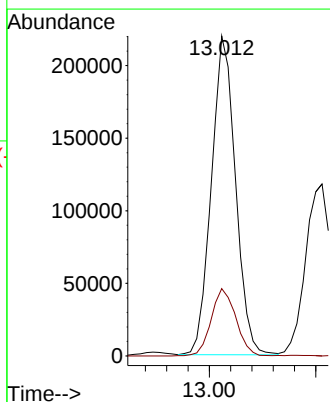
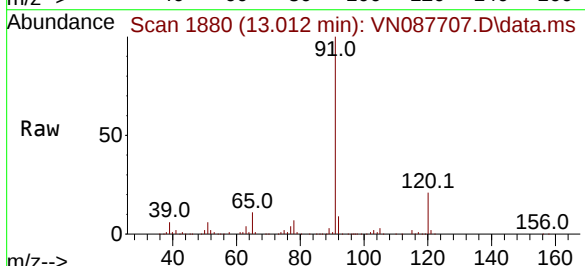
RT: 13.012 min Scan# 1880

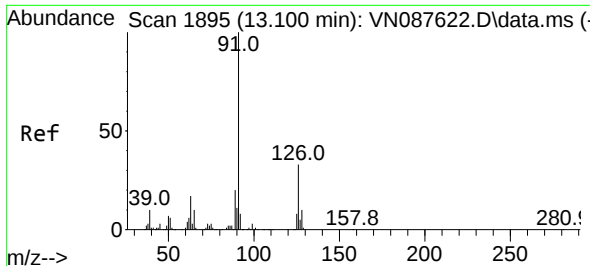
Delta R.T. -0.000 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

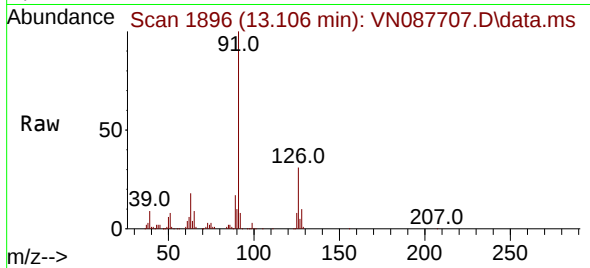
Tgt Ion: 91 Resp: 345144
 Ion Ratio Lower Upper
 91 100
 120 21.6 10.7 32.1





#79
2-Chlorotoluene
Concen: 18.131 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

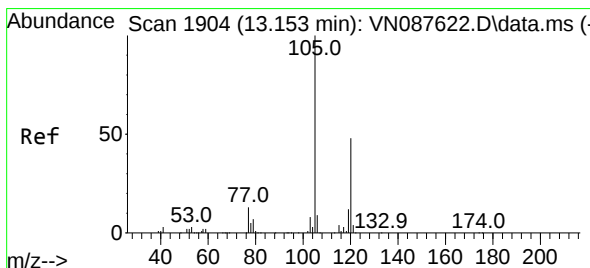
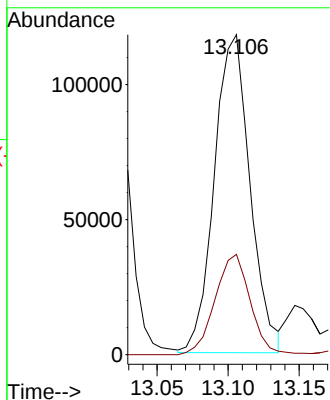
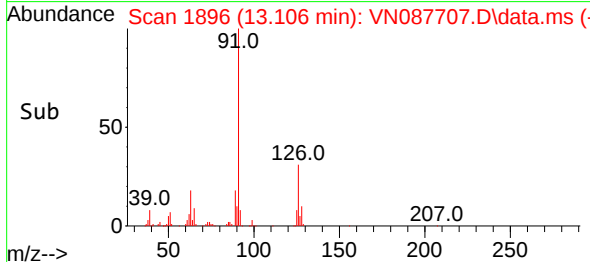
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



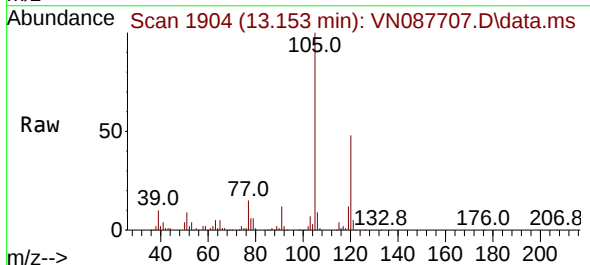
Tgt Ion: 91 Resp: 206095
Ion Ratio Lower Upper
91 100
126 31.1 16.1 48.3

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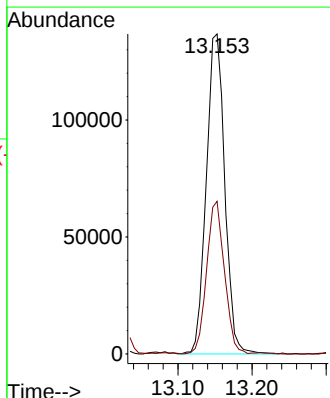
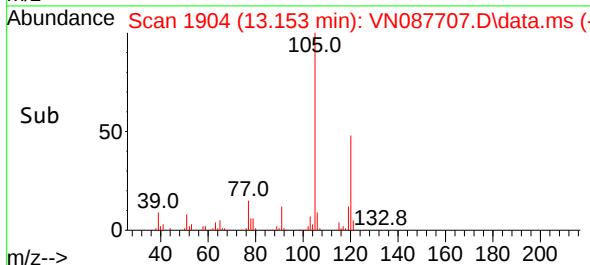
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

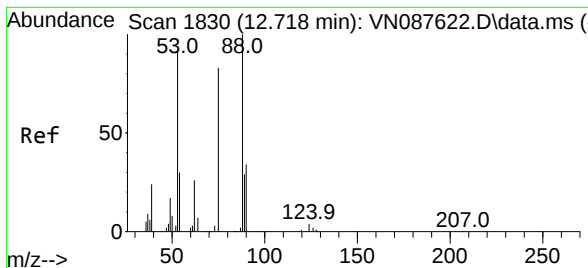


#80
1,3,5-Trimethylbenzene
Concen: 18.199 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28



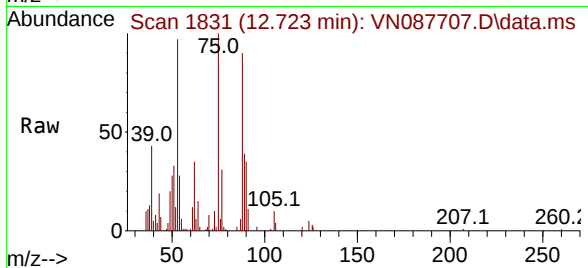
Tgt Ion:105 Resp: 236753
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 21.242 ug/l
RT: 12.723 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

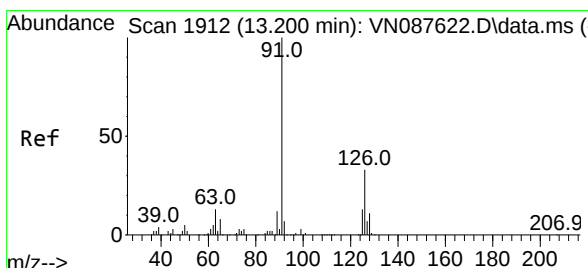
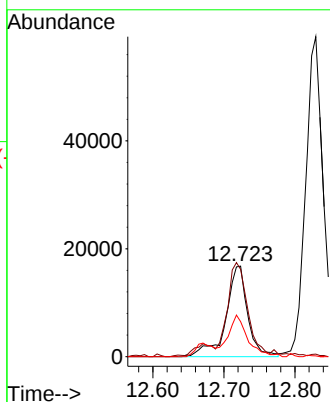
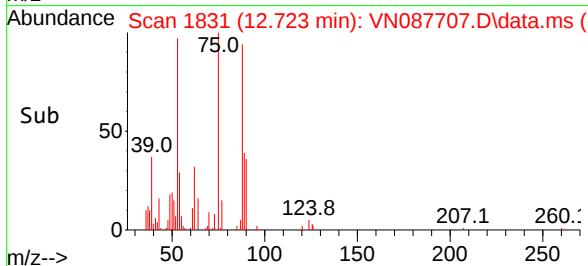
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



Tgt Ion: 75 Resp: 35708
Ion Ratio Lower Upper
75 100
53 90.0 101.8 152.6
89 41.3 35.6 53.4

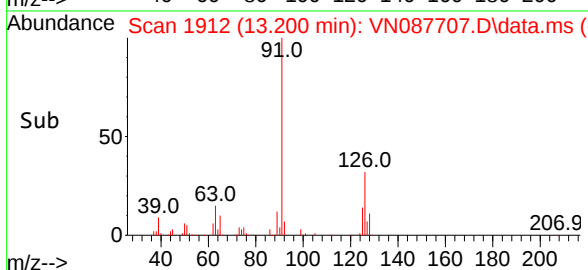
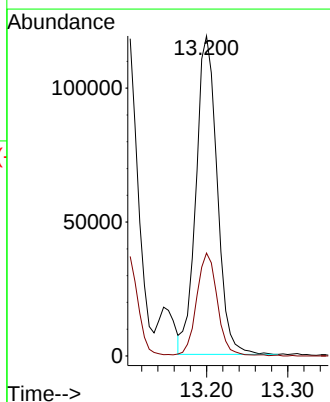
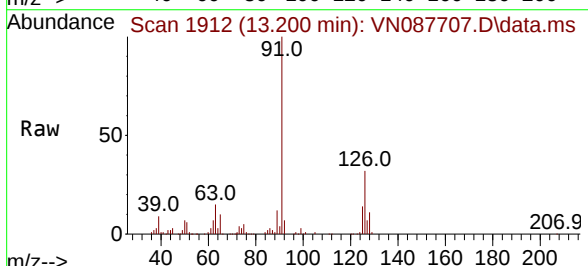
Manual Integrations
APPROVED

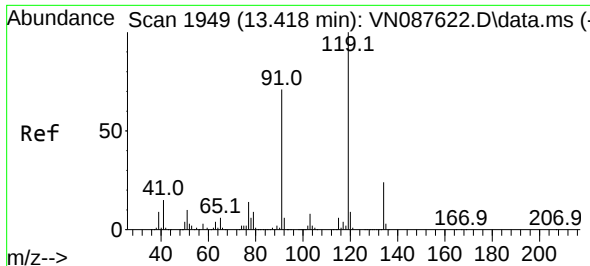
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025



#82
4-Chlorotoluene
Concen: 17.977 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

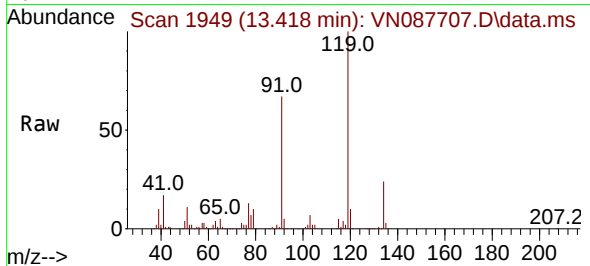
Tgt Ion: 91 Resp: 214848
Ion Ratio Lower Upper
91 100
126 32.0 15.6 46.8





#83
tert-Butylbenzene
Concen: 18.179 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

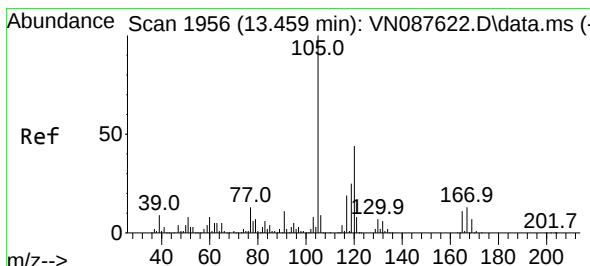
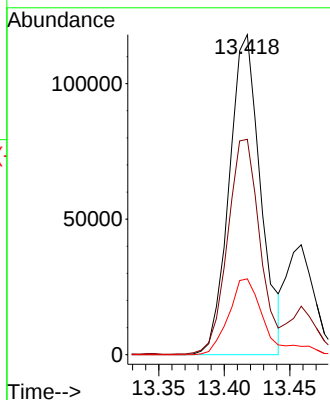
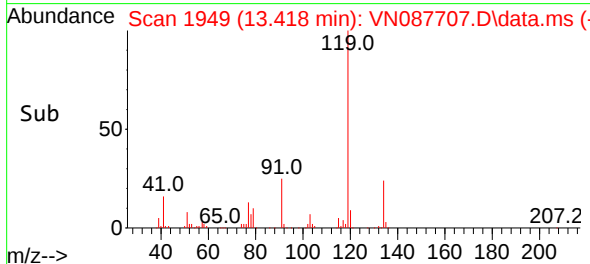
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



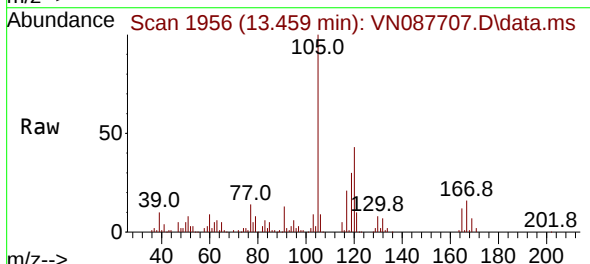
Tgt Ion:119 Resp: 197073
Ion Ratio Lower Upper
119 100
91 68.9 35.0 105.0
134 27.2 12.6 37.8

Manual Integrations
APPROVED

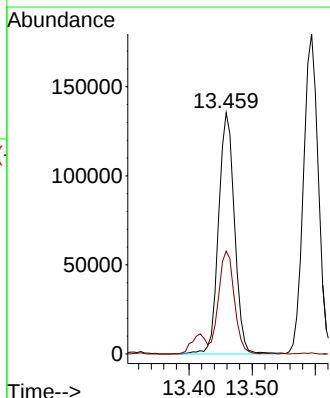
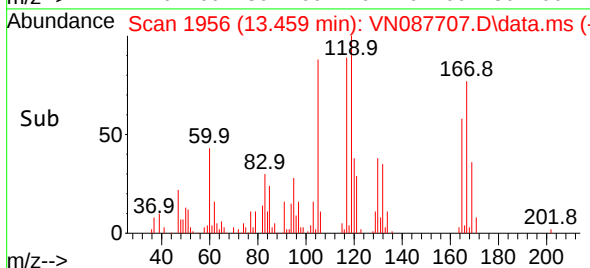
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

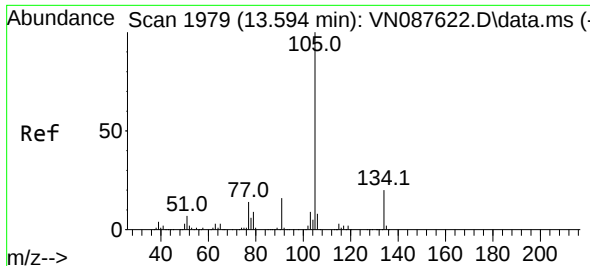


#84
1,2,4-Trimethylbenzene
Concen: 18.221 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28



Tgt Ion:105 Resp: 237282
Ion Ratio Lower Upper
105 100
120 42.1 22.0 66.0





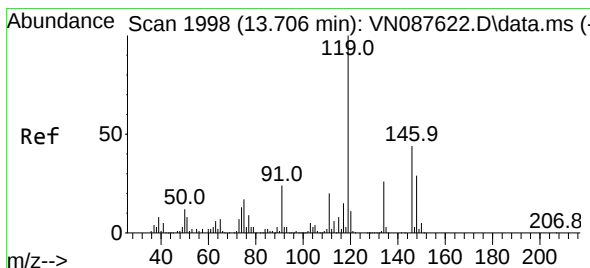
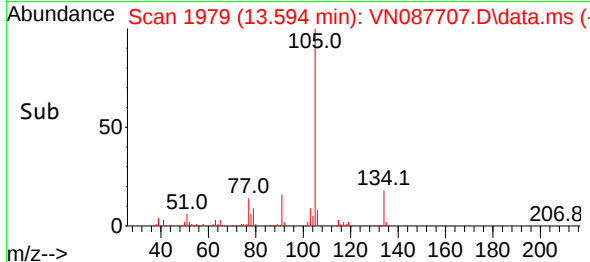
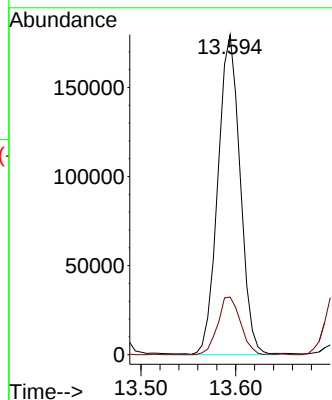
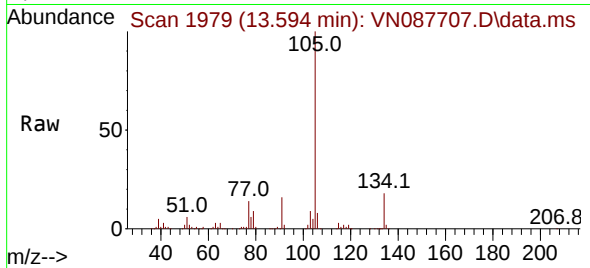
#85
 sec-Butylbenzene
 Concen: 18.251 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087707.D
 Acq: 02 Sep 2025 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902MBS01

Tgt Ion:105 Resp: 293604
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.6 28.6

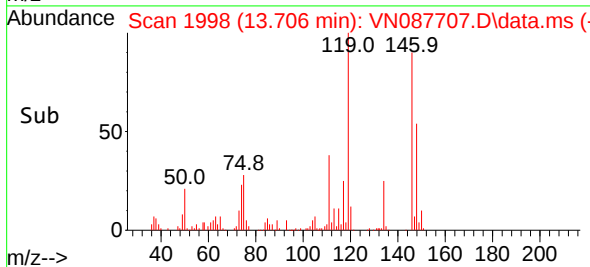
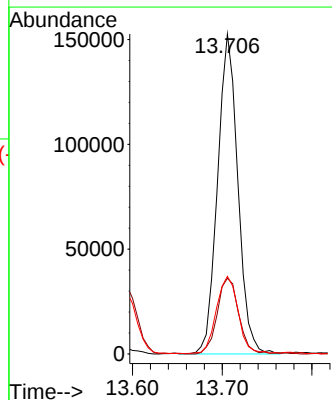
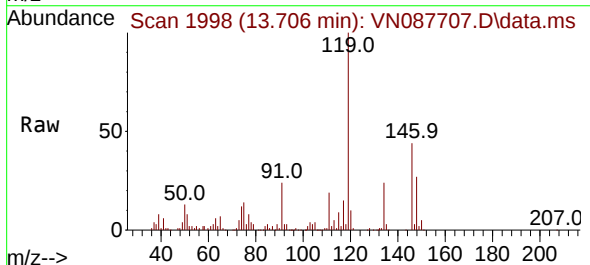
Manual Integrations
 APPROVED

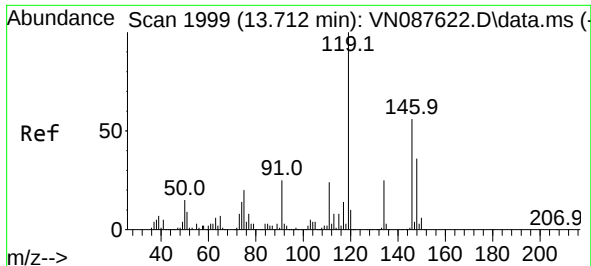
Reviewed By :John Carlone 09/03/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025



#86
 p-Isopropyltoluene
 Concen: 18.085 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087707.D
 Acq: 02 Sep 2025 12:28

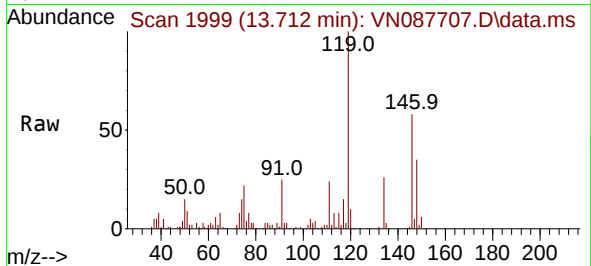
Tgt Ion:119 Resp: 240233
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.7 38.0
 91 25.8 12.5 37.5





#87
 1,3-Dichlorobenzene
 Concen: 17.844 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087707.D
 Acq: 02 Sep 2025 12:28

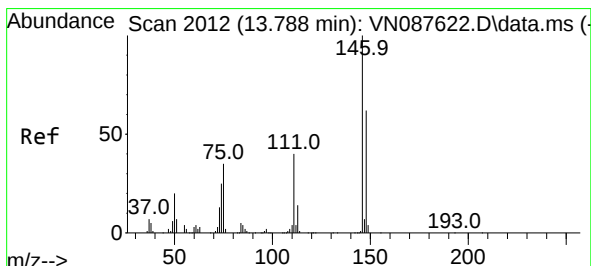
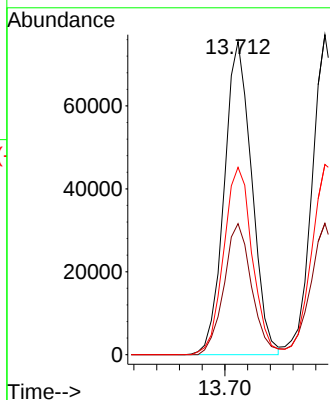
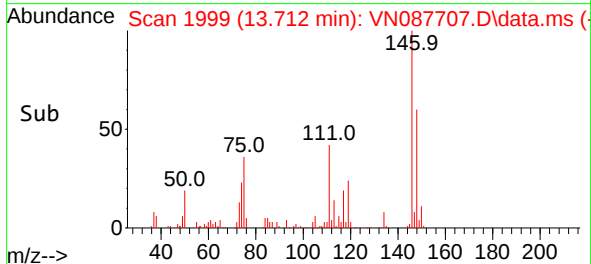
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902MBS01



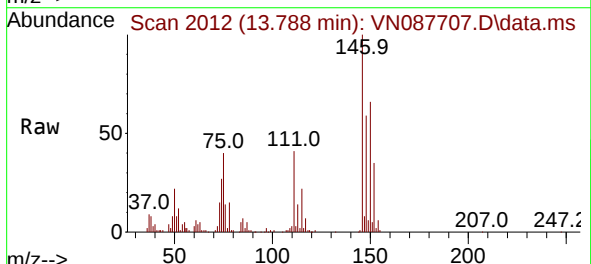
Tgt Ion:146 Resp: 127052
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.1 66.5
 148 62.6 32.0 96.2

Manual Integrations
 APPROVED

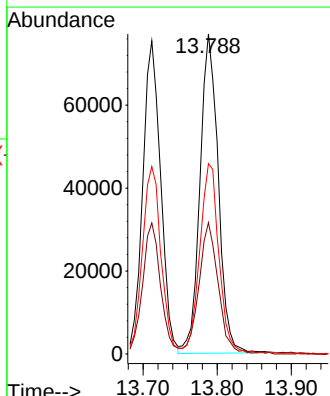
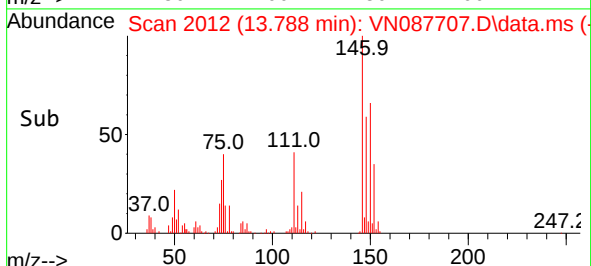
Reviewed By :John Carlone 09/03/2025
 Supervised By :Semsettin Yesilyurt 09/03/2025

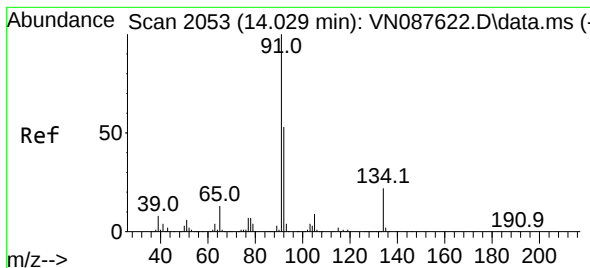


#88
 1,4-Dichlorobenzene
 Concen: 17.793 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087707.D
 Acq: 02 Sep 2025 12:28



Tgt Ion:146 Resp: 131841
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.0 63.0
 148 61.7 32.0 96.0





#89

n-Butylbenzene

Concen: 18.517 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

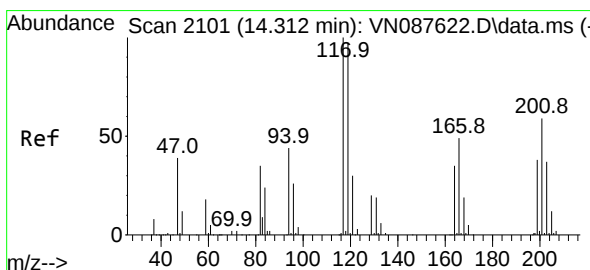
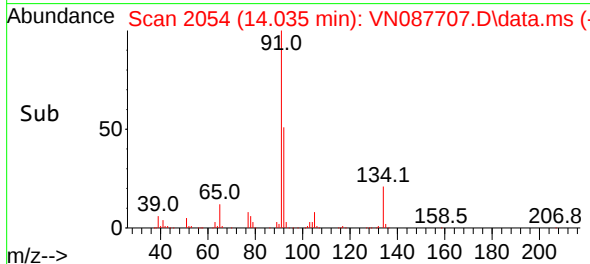
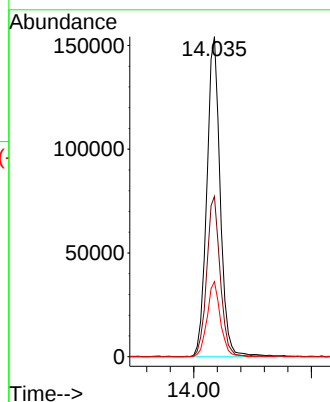
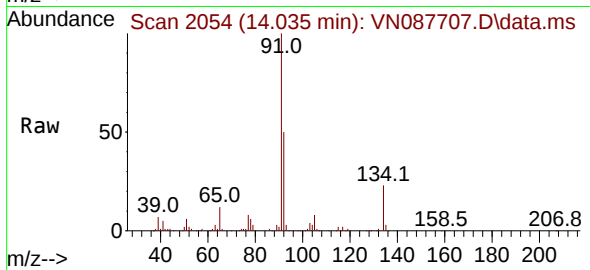
Tgt Ion:	91	Resp:	244290
Ion	Ratio	Lower	Upper
91	100		
92	50.0	25.9	77.8
134	23.3	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#90

Hexachloroethane

Concen: 19.016 ug/l

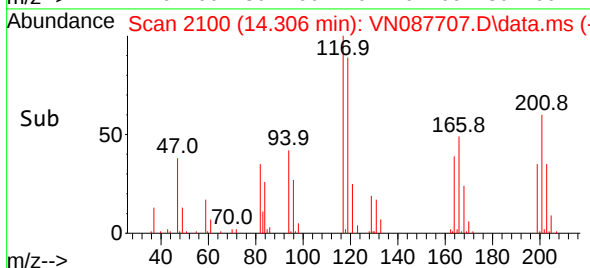
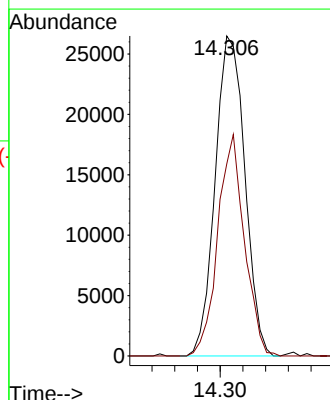
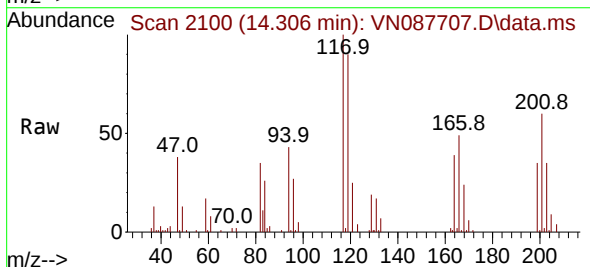
RT: 14.306 min Scan# 2100

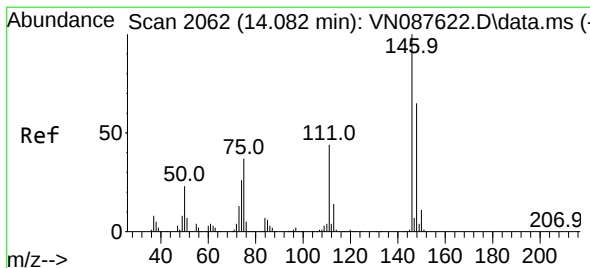
Delta R.T. -0.006 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

Tgt Ion:	117	Resp:	48125
Ion	Ratio	Lower	Upper
117	100		
201	62.0	29.1	87.4





#91

1,2-Dichlorobenzene

Concen: 18.266 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

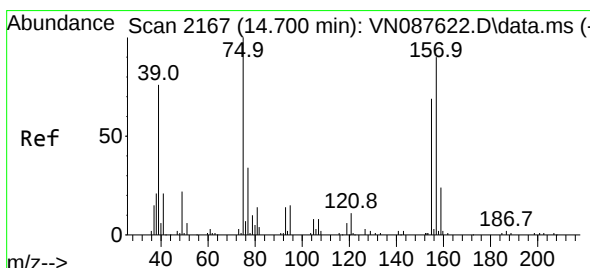
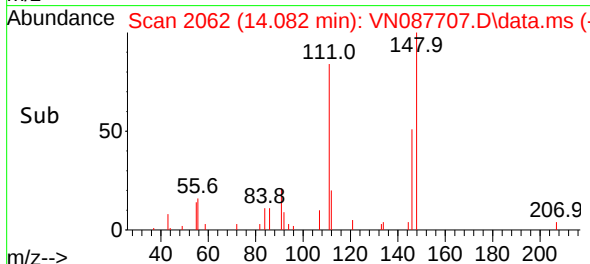
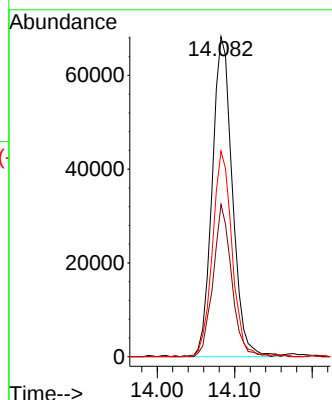
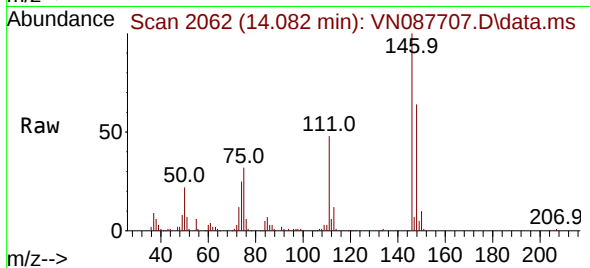
Tgt Ion:	146	Resp:	123390
Ion Ratio	Lower	Upper	
146	100		
111	43.6	22.6	67.8
148	62.7	31.9	95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.791 ug/l

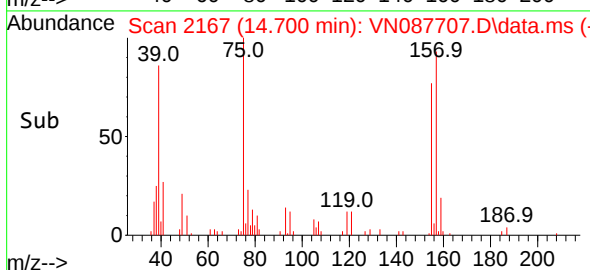
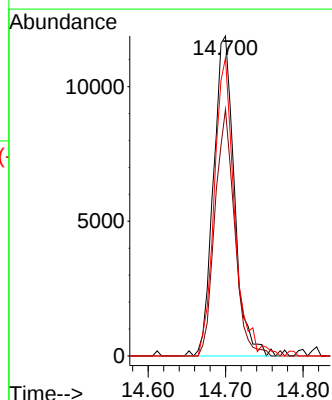
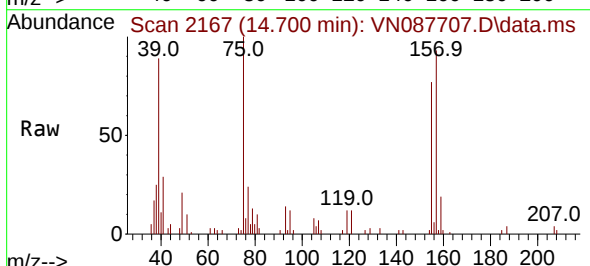
RT: 14.700 min Scan# 2167

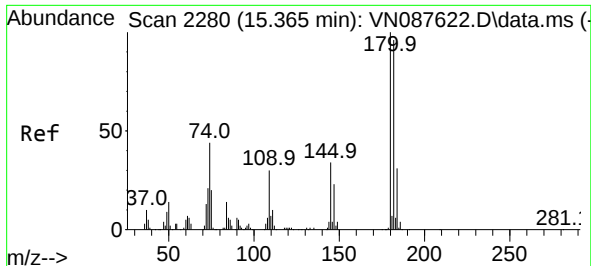
Delta R.T. -0.000 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

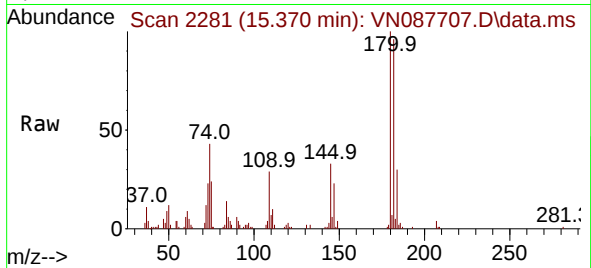
Tgt Ion:	75	Resp:	22313
Ion Ratio	Lower	Upper	
75	100		
155	72.1	36.6	109.9
157	89.8	45.6	136.9





#93
1,2,4-Trichlorobenzene
Concen: 17.068 ug/l
RT: 15.370 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28

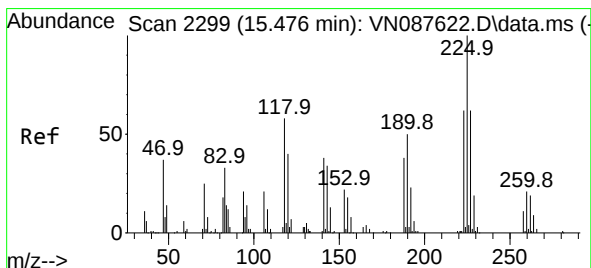
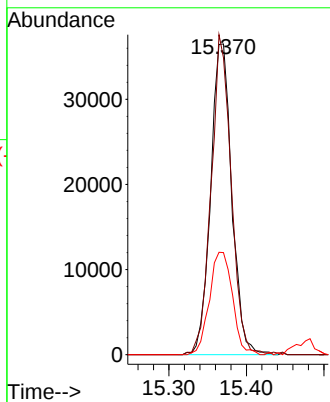
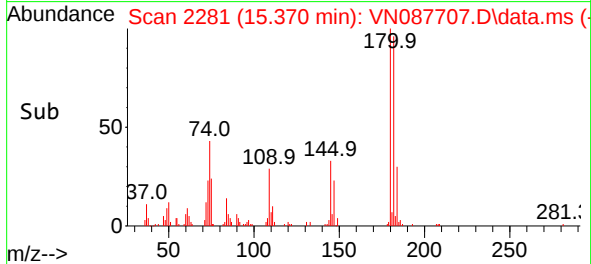
Instrument :
MSVOA_N
ClientSampleId :
VN0902MBS01



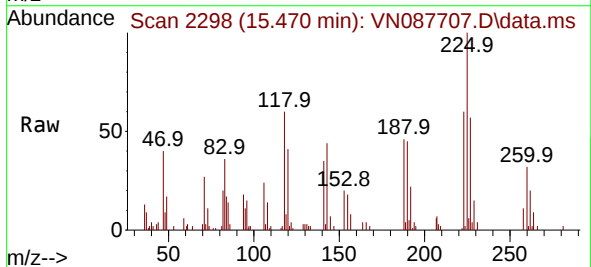
Tgt Ion:180 Resp: 6923
Ion Ratio Lower Upper
180 100
182 97.4 47.6 142.9
145 36.0 16.5 49.5

Manual Integrations
APPROVED

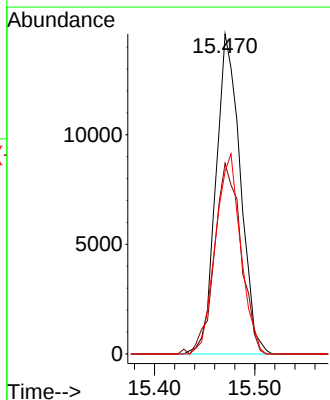
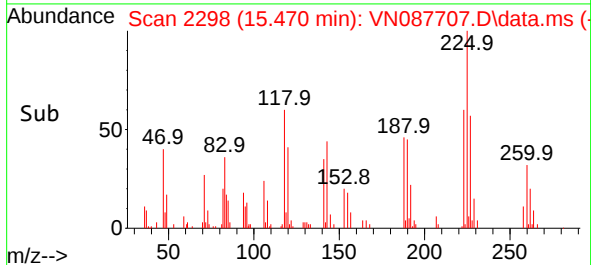
Reviewed By :John Carlone 09/03/2025
Supervised By :Semsettin Yesilyurt 09/03/2025

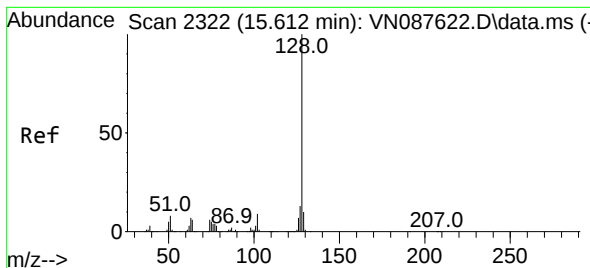


#94
Hexachlorobutadiene
Concen: 17.053 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087707.D
Acq: 02 Sep 2025 12:28



Tgt Ion:225 Resp: 24661
Ion Ratio Lower Upper
225 100
223 64.7 32.0 96.2
227 64.6 32.1 96.5





#95

Naphthalene

Concen: 17.328 ug/l

RT: 15.612 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0902MBS01

Tgt Ion:128 Resp: 24896

Ion Ratio Lower Upper

128 100

127 14.0 10.6 15.8

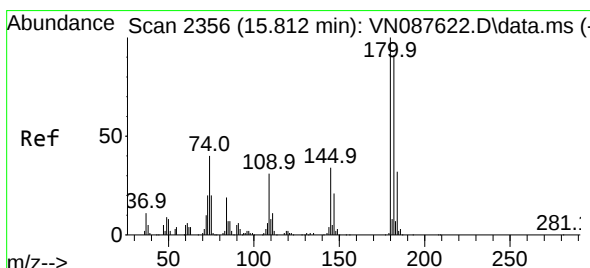
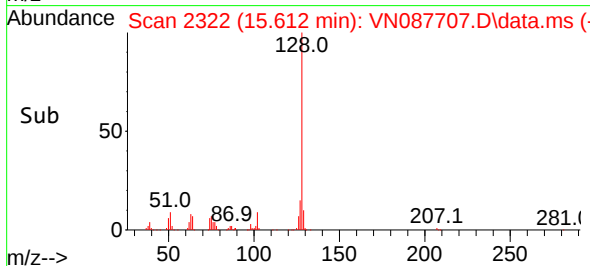
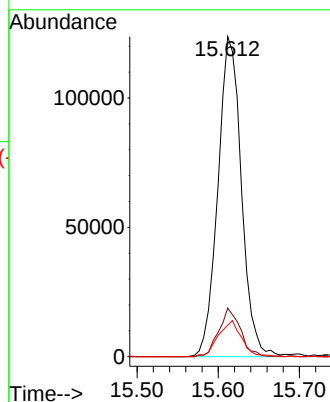
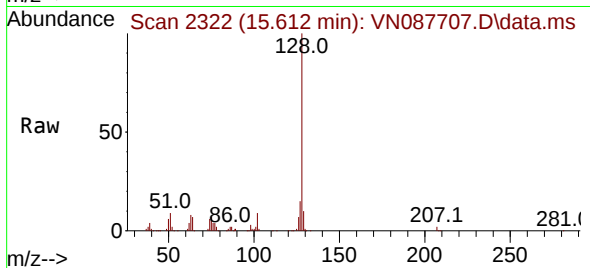
129 11.1 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2025

Supervised By :Semsettin Yesilyurt 09/03/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.493 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087707.D

Acq: 02 Sep 2025 12:28

Tgt Ion:180 Resp: 69368

Ion Ratio Lower Upper

180 100

182 90.5 46.8 140.3

145 36.3 17.3 52.0

