

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
 Data File : VN087936.D
 Acq On : 24 Sep 2025 10:08
 Operator : JC\MD
 Sample : VN0924WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2025
 Supervised By : Mahesh Dadoda 09/26/2025

Quant Time: Sep 25 03:06:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	214330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	404775	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	389038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	206895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	193525	53.652	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.300%			
35) Dibromofluoromethane	8.147	113	146369	49.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.600%			
50) Toluene-d8	10.547	98	507616	49.117	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.240%			
62) 4-Bromofluorobenzene	12.829	95	184577	49.964	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	51063	20.572	ug/l	92
3) Chloromethane	2.383	50	49242	19.375	ug/l	98
4) Vinyl Chloride	2.542	62	50784	19.586	ug/l	94
5) Bromomethane	2.977	94	32694	20.339	ug/l	93
6) Chloroethane	3.136	64	34330	20.363	ug/l	96
7) Trichlorofluoromethane	3.512	101	81919	19.405	ug/l	97
8) Diethyl Ether	3.965	74	32208	20.195	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	44861	20.106	ug/l	98
10) Methyl Iodide	4.577	142	32885	16.376	ug/l #	87
11) Tert butyl alcohol	5.524	59	56407	108.572	ug/l #	89
12) 1,1-Dichloroethene	4.342	96	45078	20.023	ug/l	99
13) Acrolein	4.177	56	78303	117.463	ug/l	95
14) Allyl chloride	5.018	41	72333	19.735	ug/l	100
15) Acrylonitrile	5.712	53	169773	104.177	ug/l	98
16) Acetone	4.430	43	157260	105.964	ug/l	98
17) Carbon Disulfide	4.701	76	136889	19.461	ug/l #	89
18) Methyl Acetate	5.024	43	80104	21.568	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	174177	19.805	ug/l	97
20) Methylene Chloride	5.259	84	61915	20.611	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	53370	19.337	ug/l	90
22) Diisopropyl ether	6.665	45	175098	20.464	ug/l	92
23) Vinyl Acetate	6.595	43	797170	110.652	ug/l	99
24) 1,1-Dichloroethane	6.559	63	103005	20.606	ug/l	96
25) 2-Butanone	7.471	43	233023	102.728	ug/l	99
26) 2,2-Dichloropropane	7.471	77	92445	20.815	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	67002	20.403	ug/l	98
28) Bromochloromethane	7.794	49	48578	17.886	ug/l	100
29) Tetrahydrofuran	7.824	42	144691	99.618	ug/l	98
30) Chloroform	7.947	83	112100	20.509	ug/l	94
31) Cyclohexane	8.236	56	80221	19.833	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	93396	20.222	ug/l	96
36) 1,1-Dichloropropene	8.347	75	69679	19.718	ug/l	99
37) Ethyl Acetate	7.547	43	89273	19.238	ug/l	100
38) Carbon Tetrachloride	8.341	117	77107	19.015	ug/l	95
39) Methylcyclohexane	9.577	83	71760	18.408	ug/l	94
40) Benzene	8.589	78	231765	19.808	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	44963	18.749	ug/l	97
42) 1,2-Dichloroethane	8.653	62	85643	19.614	ug/l	98
43) Isopropyl Acetate	8.677	43	148053	20.269	ug/l	100
44) Trichloroethene	9.336	130	55787	19.960	ug/l	89
45) 1,2-Dichloropropane	9.606	63	57732	19.677	ug/l	99
46) Dibromomethane	9.688	93	45700	19.740	ug/l	98
47) Bromodichloromethane	9.871	83	89216	19.647	ug/l #	92
48) Methyl methacrylate	9.665	41	64933	19.196	ug/l	95
49) 1,4-Dioxane	9.683	88	20306	406.347	ug/l	96
51) 4-Methyl-2-Pentanone	10.424	43	464634	101.939	ug/l	98
52) Toluene	10.606	92	144931	19.739	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	88425	19.027	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	95205	19.724	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	60996	20.431	ug/l	89
56) Ethyl methacrylate	10.859	69	79797	18.498	ug/l	98
57) 1,3-Dichloropropane	11.141	76	98877	20.136	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	233843	115.290	ug/l	97
59) 2-Hexanone	11.177	43	285209	94.633	ug/l	97
60) Dibromochloromethane	11.335	129	68408	19.488	ug/l	100
61) 1,2-Dibromoethane	11.447	107	63311	20.031	ug/l	96
64) Tetrachloroethene	11.082	164	42842	18.078	ug/l	91
65) Chlorobenzene	11.871	112	161909	19.557	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	57835	19.372	ug/l	95
67) Ethyl Benzene	11.941	91	260358	18.847	ug/l	99
68) m/p-Xylenes	12.047	106	202840	38.392	ug/l	99
69) o-Xylene	12.377	106	94788	18.674	ug/l	99
70) Styrene	12.388	104	167376	19.199	ug/l	99
71) Bromoform	12.559	173	46403	19.157	ug/l #	97
73) Isopropylbenzene	12.677	105	237012	18.484	ug/l	97
74) N-amyl acetate	12.677	43	69584m	16.470	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	90524	19.594	ug/l	98
76) 1,2,3-Trichloropropane	12.971	75	86424m	21.191	ug/l	
77) Bromobenzene	12.959	156	67539	19.796	ug/l	97
78) n-propylbenzene	13.012	91	308254	19.228	ug/l	98
79) 2-Chlorotoluene	13.106	91	185821	19.036	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	212286	19.140	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.724	75	26430	17.995	ug/l	98
82) 4-Chlorotoluene	13.200	91	194470	19.771	ug/l	99
83) tert-Butylbenzene	13.412	119	178246	18.987	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	217940	19.157	ug/l	99
85) sec-Butylbenzene	13.594	105	266788	19.383	ug/l	100
86) p-Isopropyltoluene	13.706	119	219833	18.858	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	130036	19.531	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	132712	19.396	ug/l	98
89) n-Butylbenzene	14.035	91	208113	18.890	ug/l	98
90) Hexachloroethane	14.306	117	45352	18.624	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	124837	19.453	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	20584	19.174	ug/l	97
93) 1,2,4-Trichlorobenzene	15.370	180	73093	19.290	ug/l	95
94) Hexachlorobutadiene	15.470	225	27305	19.579	ug/l	97
95) Naphthalene	15.612	128	222219	18.270	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	70864	19.237	ug/l	94

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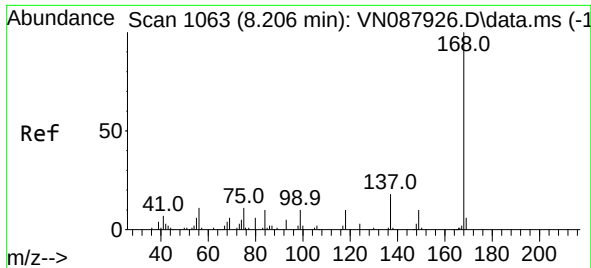
Manual Integrations
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Response via : Initial Calibration

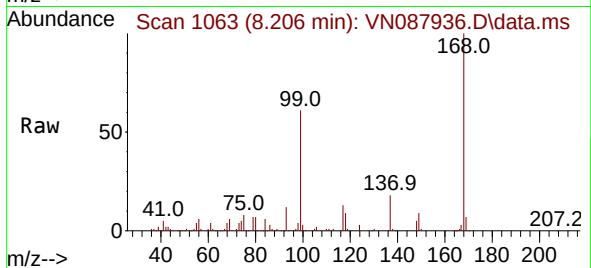
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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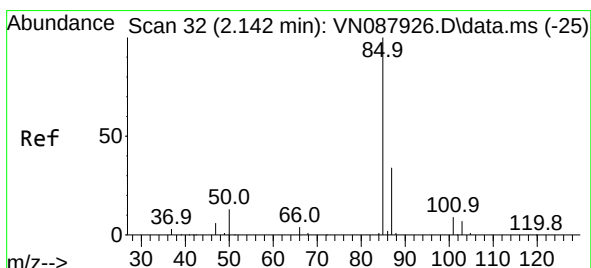
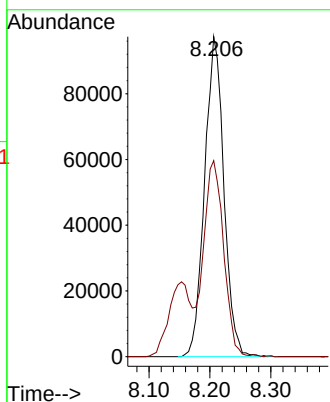
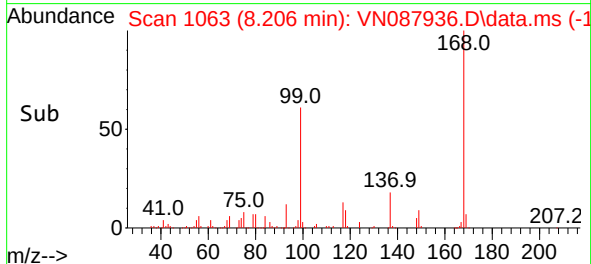
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



Tgt Ion:168 Resp: 214330
Ion Ratio Lower Upper
168 100
99 61.3 52.2 78.2

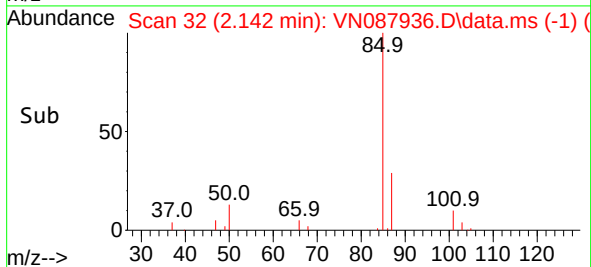
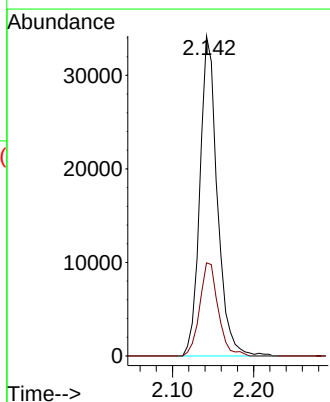
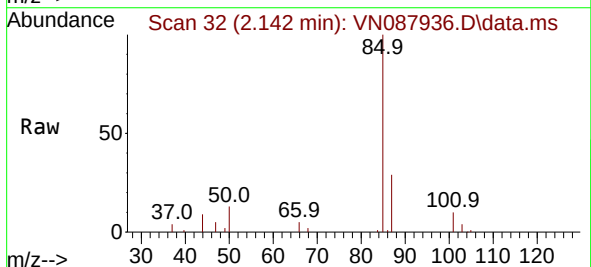
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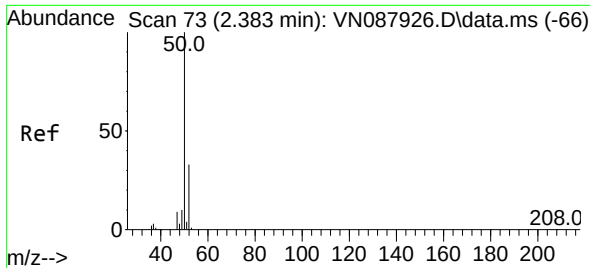
Reviewed By :John Carlone 09/25/2025
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#2
Dichlorodifluoromethane
Concen: 20.572 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

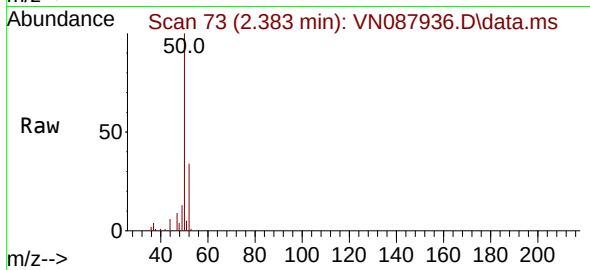
Tgt Ion: 85 Resp: 51063
Ion Ratio Lower Upper
85 100
87 29.1 16.9 50.6





#3
Chloromethane
Concen: 19.375 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

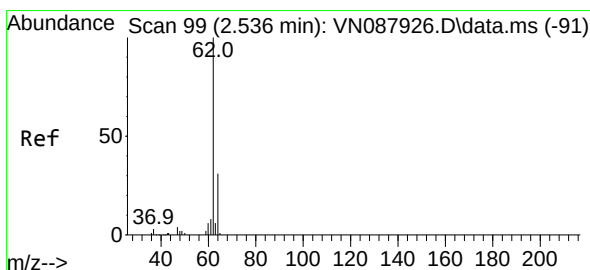
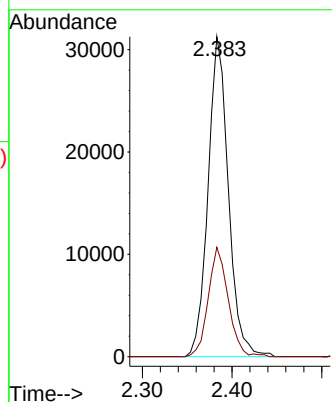
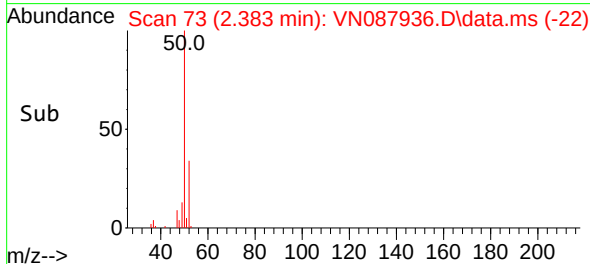
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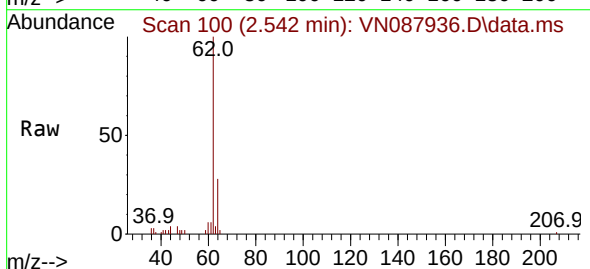
Tgt Ion: 50 Resp: 4924
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0

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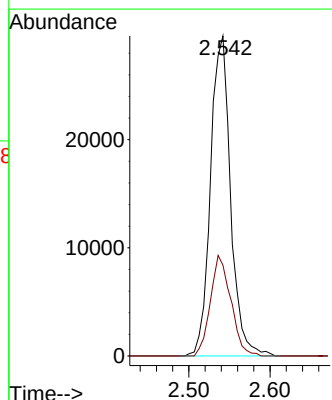
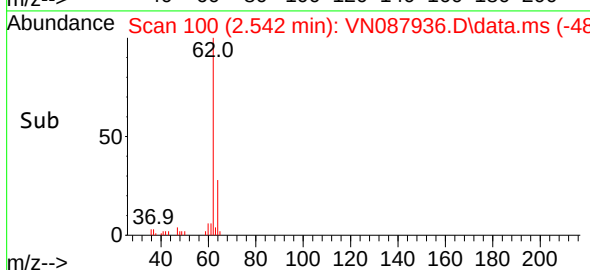
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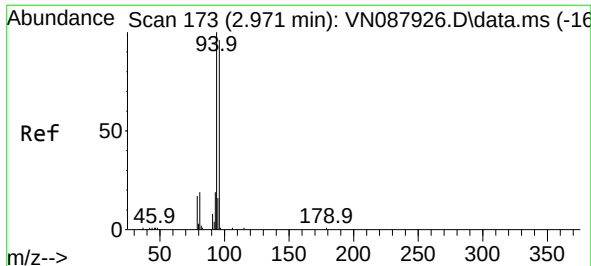


#4
Vinyl Chloride
Concen: 19.586 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN087936.D
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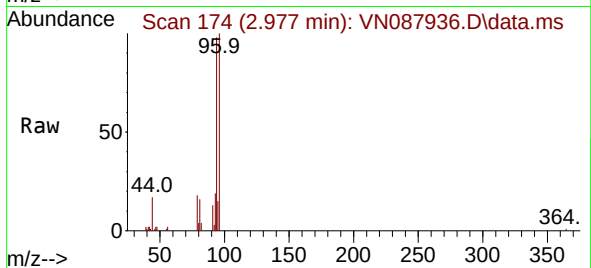
Tgt Ion: 62 Resp: 50784
Ion Ratio Lower Upper
62 100
64 28.4 25.2 37.8





#5
Bromomethane
Concen: 20.339 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

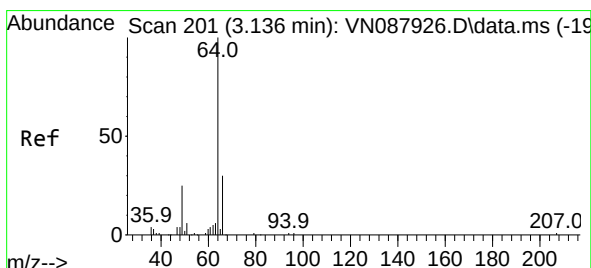
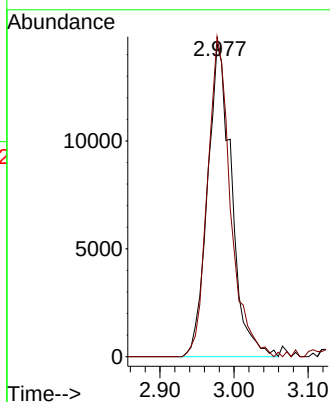
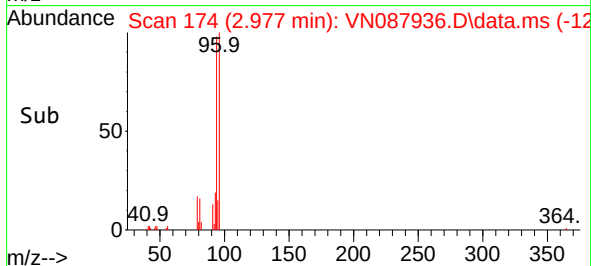
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Tgt Ion: 94 Resp: 32694
Ion Ratio Lower Upper
94 100
96 102.5 76.8 115.2

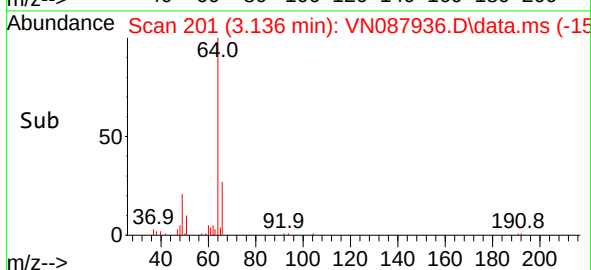
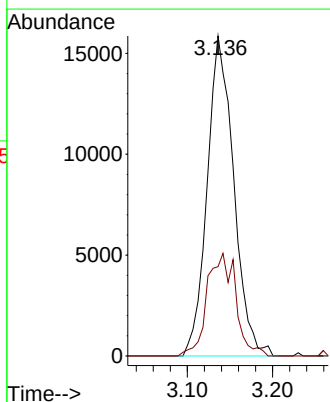
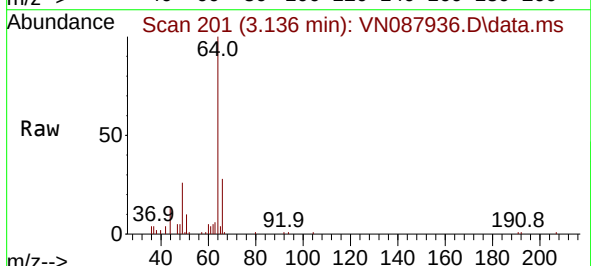
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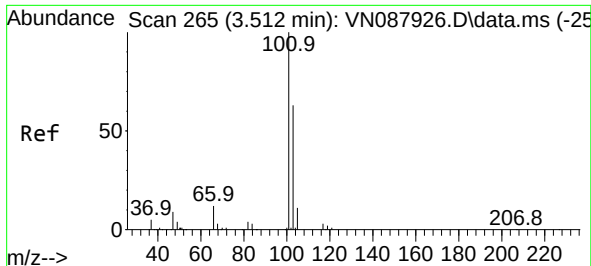
Reviewed By :John Carlone 09/25/2025
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#6
Chloroethane
Concen: 20.363 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN087936.D
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Tgt Ion: 64 Resp: 34330
Ion Ratio Lower Upper
64 100
66 27.9 23.8 35.8





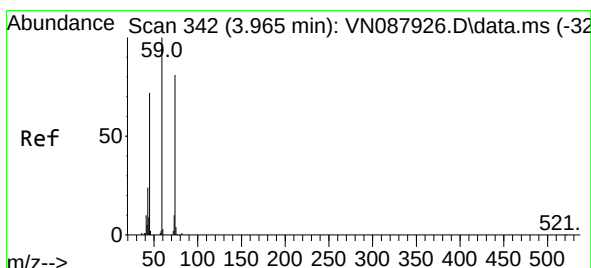
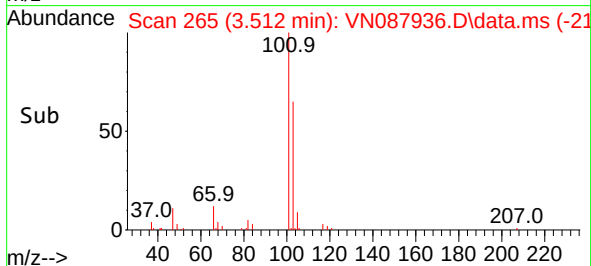
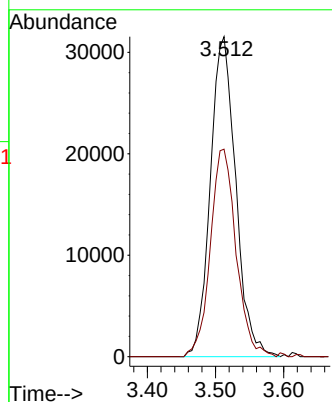
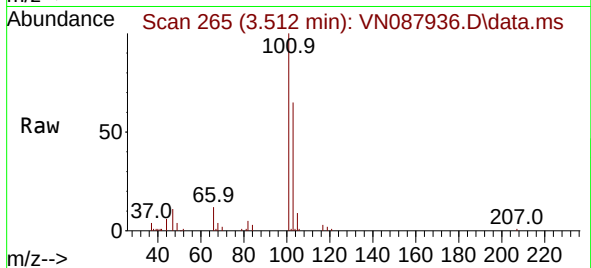
#7
 Trichlorofluoromethane
 Concen: 19.405 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN087936.D
 Acq: 24 Sep 2025 10:08

Instrument :
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 ClientSampleId :
 VN0924WBS01

Tgt Ion:101 Resp: 81919
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.2 75.4

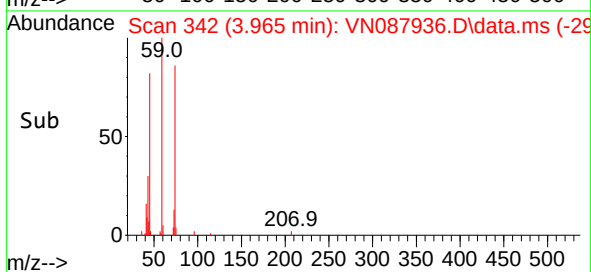
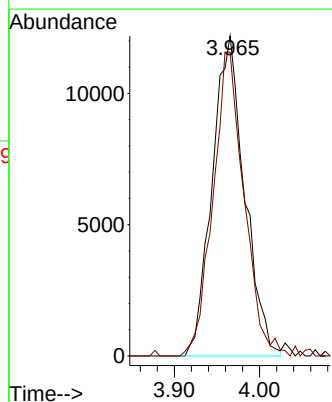
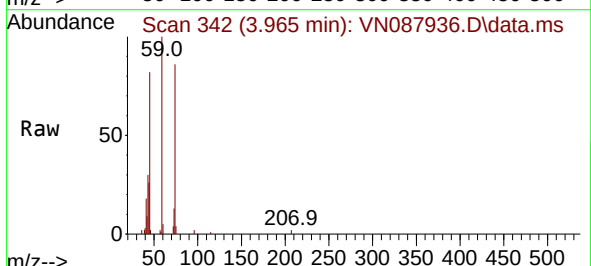
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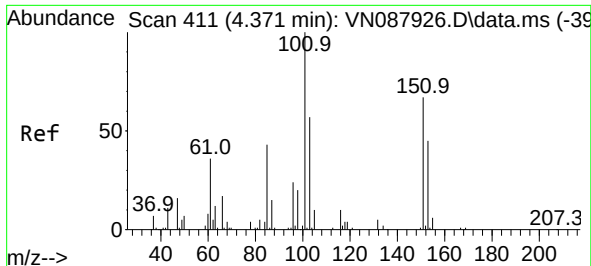
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#8
 Diethyl Ether
 Concen: 20.195 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 32208
 Ion Ratio Lower Upper
 74 100
 45 91.1 45.4 136.1





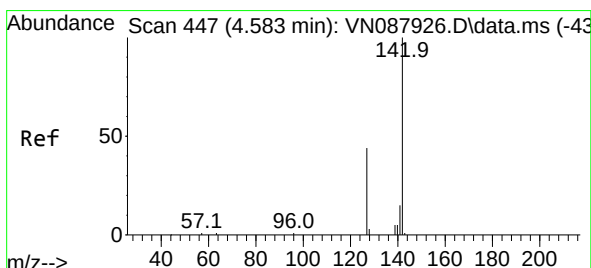
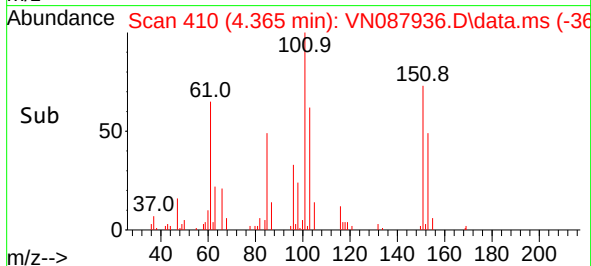
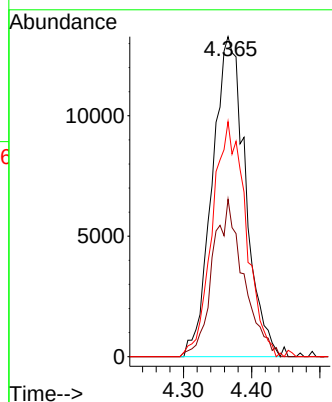
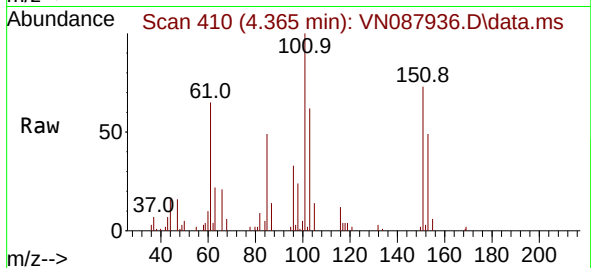
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.106 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tgt Ion:101 Resp: 4486
Ion Ratio Lower Upper
101 100
85 46.2 36.5 54.7
151 75.0 58.6 87.8

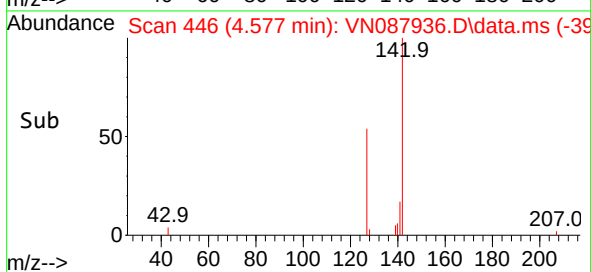
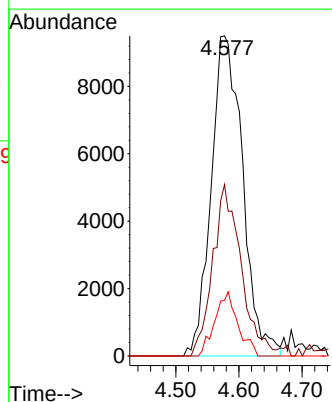
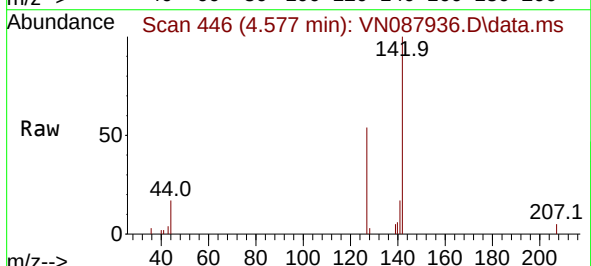
Manual Integrations
APPROVED

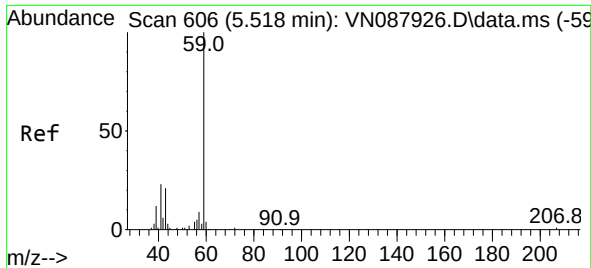
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#10
Methyl Iodide
Concen: 16.376 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

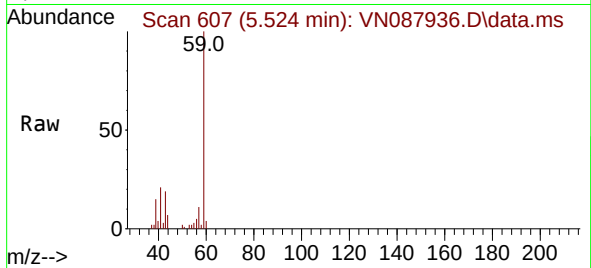
Tgt Ion:142 Resp: 32885
Ion Ratio Lower Upper
142 100
127 53.6 35.3 52.9#
141 17.4 11.8 17.8





#11
Tert butyl alcohol
Concen: 108.572 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

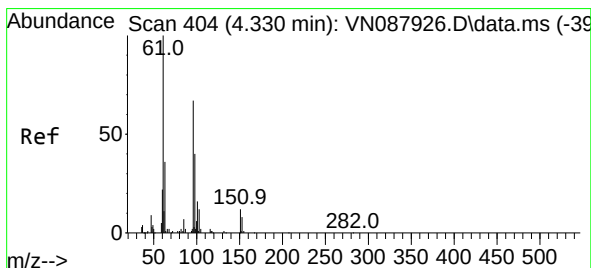
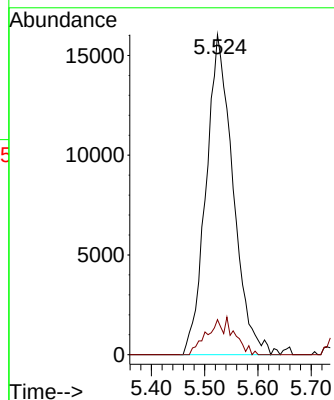
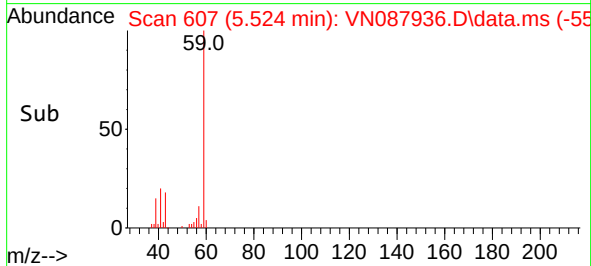
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



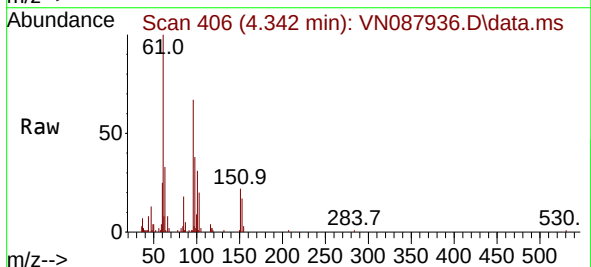
Tgt Ion: 59 Resp: 5640
Ion Ratio Lower Upper
59 100
57 6.8 8.8 13.2

Manual Integrations
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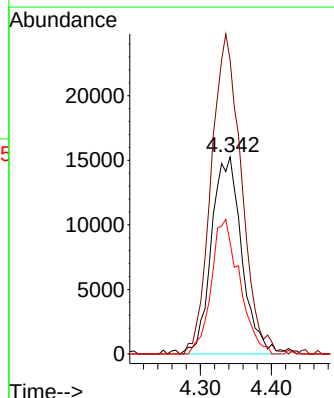
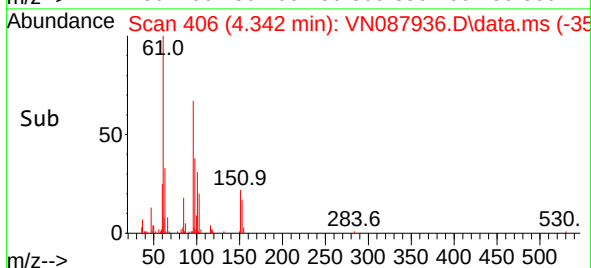
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

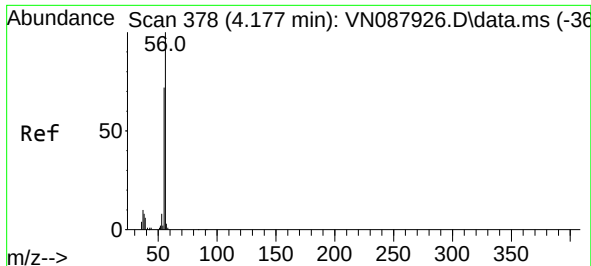


#12
1,1-Dichloroethene
Concen: 20.023 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08



Tgt Ion: 96 Resp: 45078
Ion Ratio Lower Upper
96 100
61 149.2 119.2 178.8
98 56.5 47.5 71.3





#13

Acrolein

Concen: 117.463 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tgt Ion: 56 Resp: 7830

Ion Ratio Lower Upper

56 100

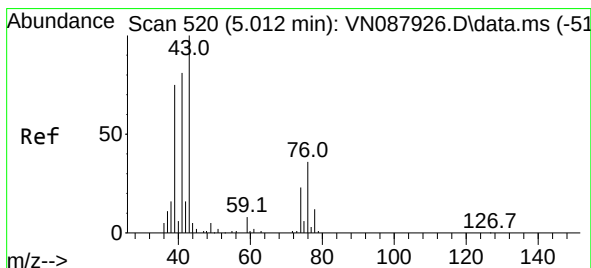
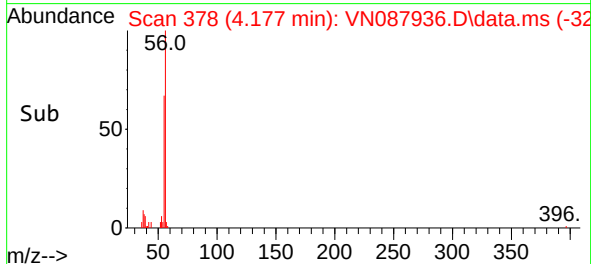
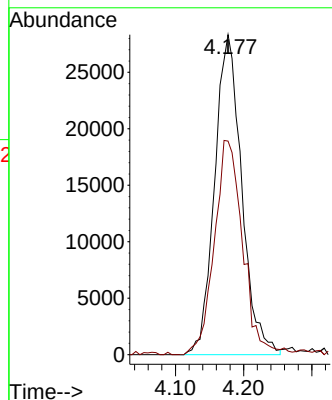
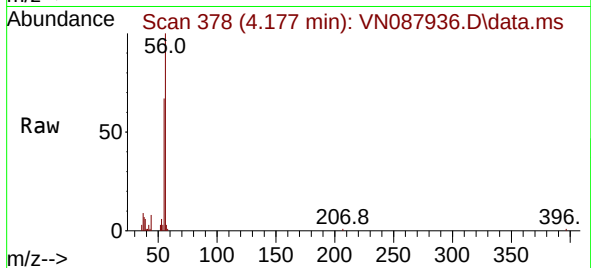
55 70.2 59.3 88.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#14

Allyl chloride

Concen: 19.735 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

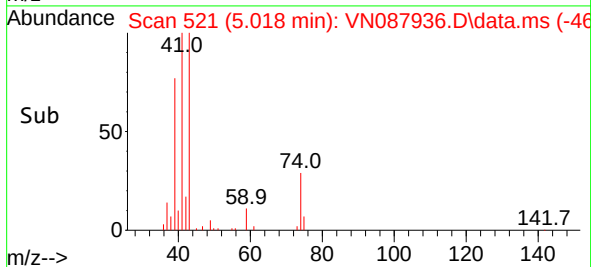
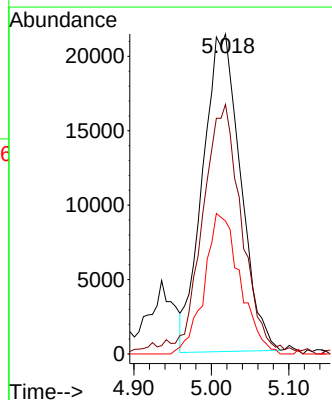
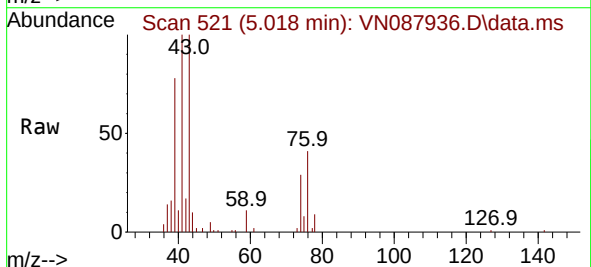
Tgt Ion: 41 Resp: 72333

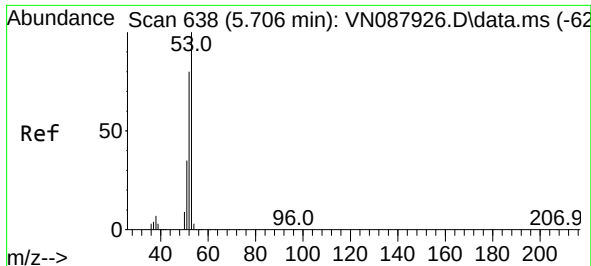
Ion Ratio Lower Upper

41 100

39 79.8 63.8 95.8

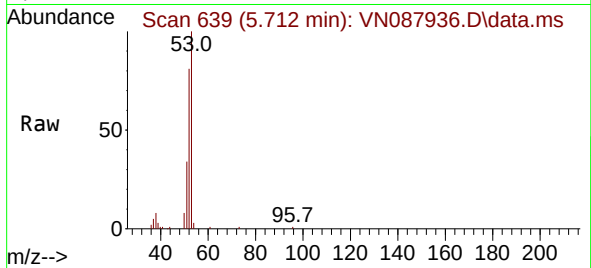
76 41.8 33.0 49.6





#15
Acrylonitrile
Concen: 104.177 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

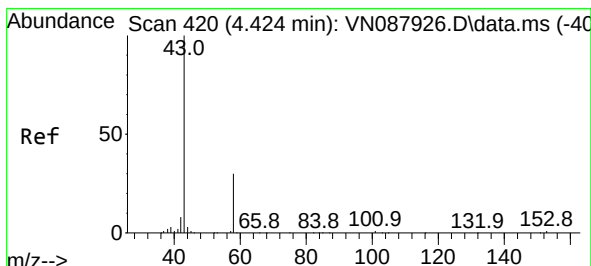
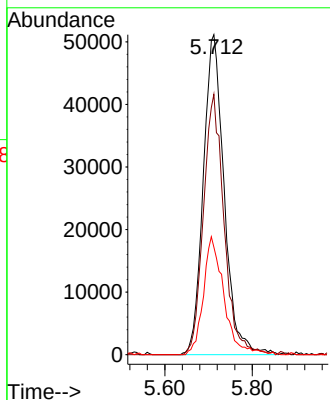
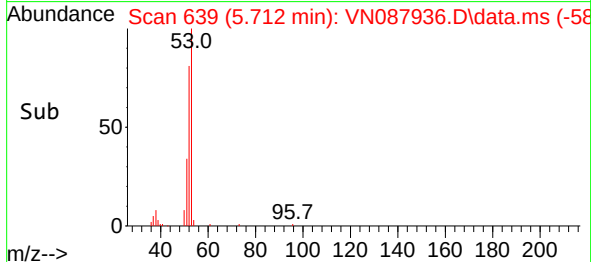
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



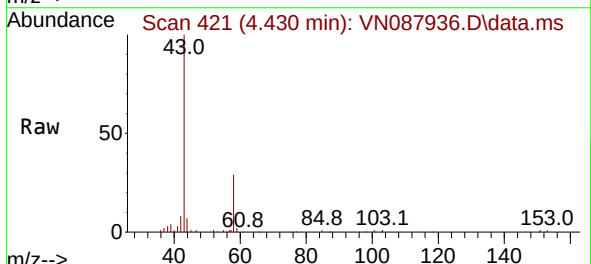
Tgt Ion: 53 Resp: 16977
Ion Ratio Lower Upper
53 100
52 80.4 66.6 99.8
51 36.3 29.0 43.4

Manual Integrations
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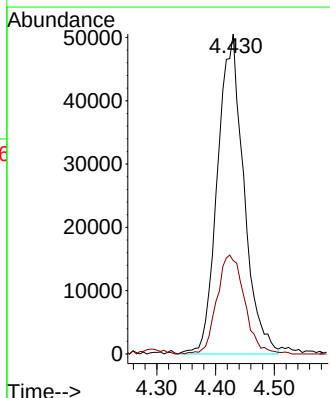
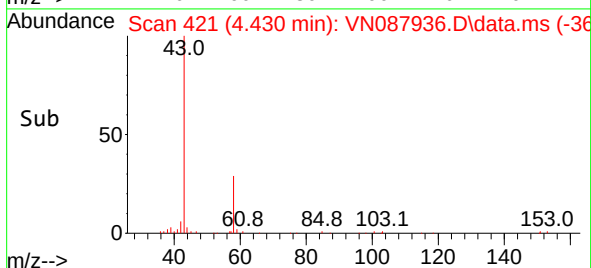
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

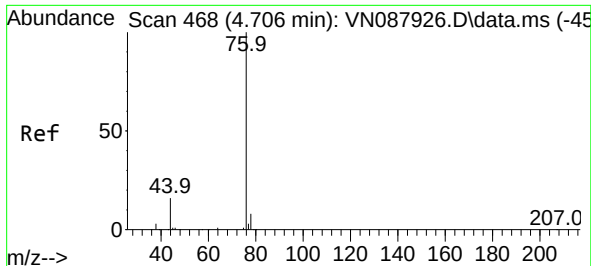


#16
Acetone
Concen: 105.964 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08



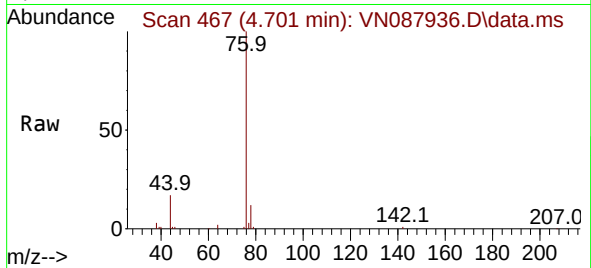
Tgt Ion: 43 Resp: 157260
Ion Ratio Lower Upper
43 100
58 29.1 24.1 36.1





#17
Carbon Disulfide
Concen: 19.461 ug/l
RT: 4.701 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

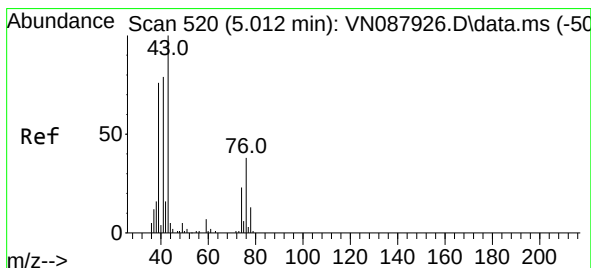
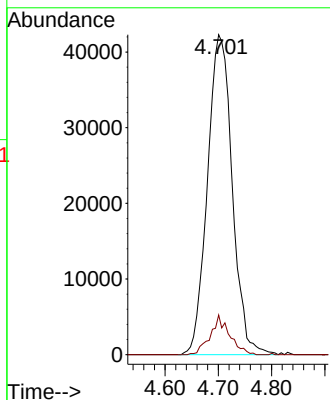
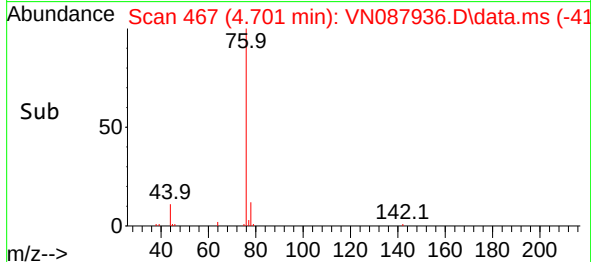
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



Tgt Ion: 76 Resp: 136889
Ion Ratio Lower Upper
76 100
78 12.4 6.7 10.1

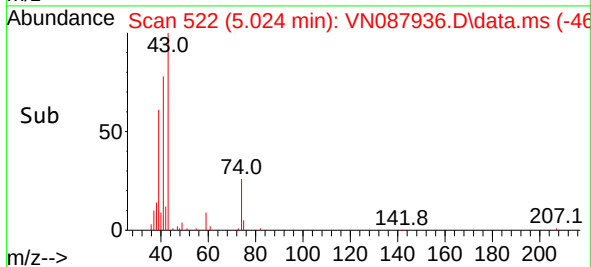
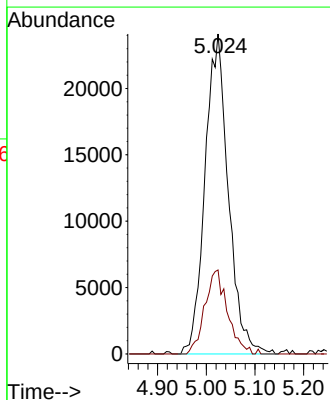
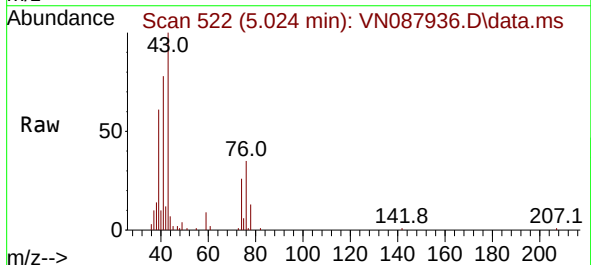
Manual Integrations
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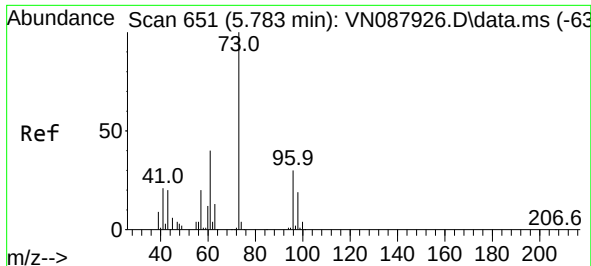
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#18
Methyl Acetate
Concen: 21.568 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Tgt Ion: 43 Resp: 80104
Ion Ratio Lower Upper
43 100
74 25.4 19.7 29.5





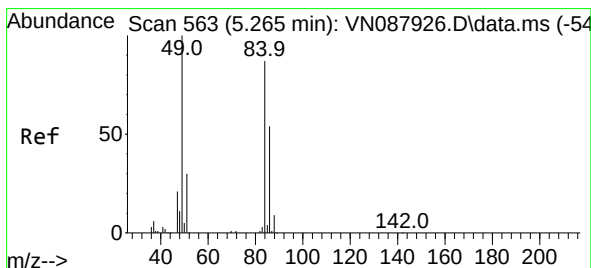
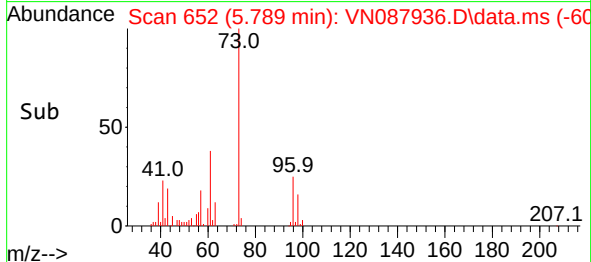
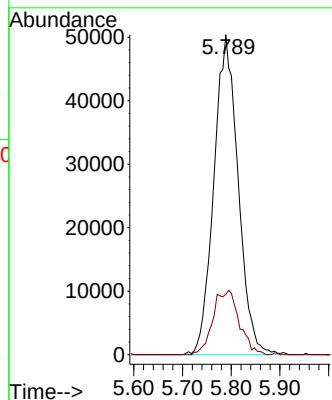
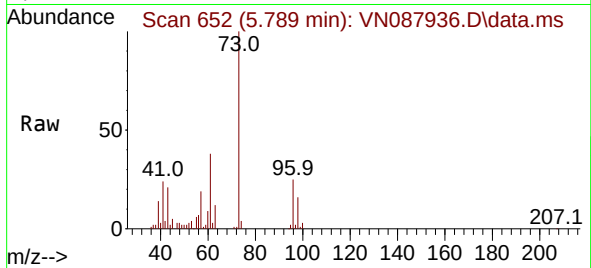
#19
Methyl tert-butyl Ether
Concen: 19.805 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tgt Ion: 73 Resp: 17417
Ion Ratio Lower Upper
73 100
57 18.8 16.3 24.5

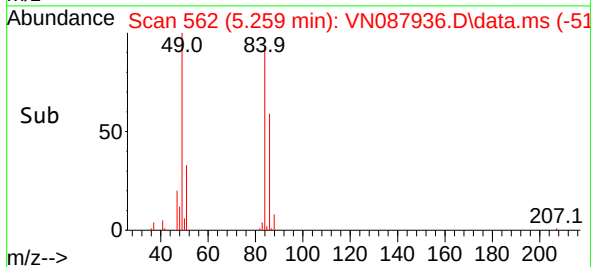
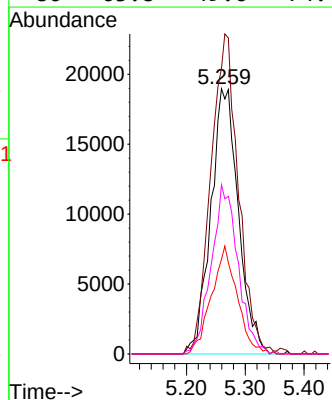
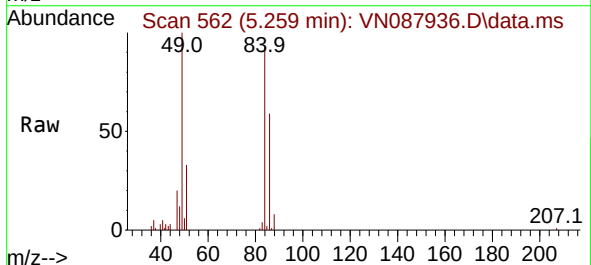
Manual Integrations
APPROVED

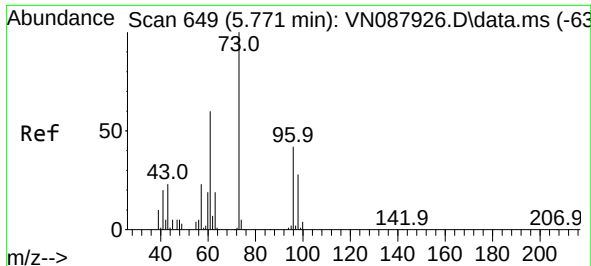
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#20
Methylene Chloride
Concen: 20.611 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

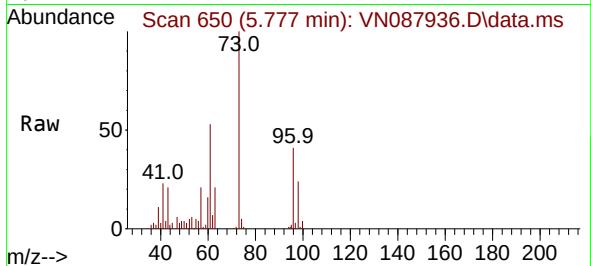
Tgt Ion: 84 Resp: 61915
Ion Ratio Lower Upper
84 100
49 107.6 92.1 138.1
51 35.7 27.7 41.5
86 63.8 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 19.337 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

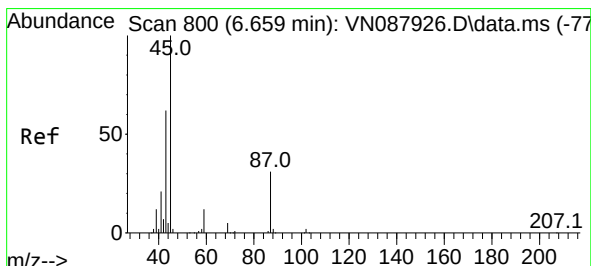
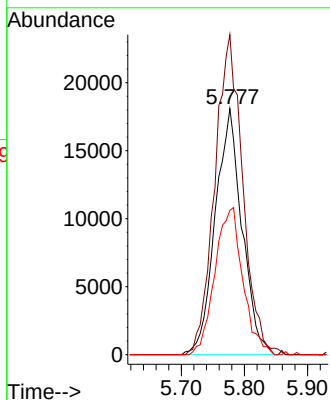
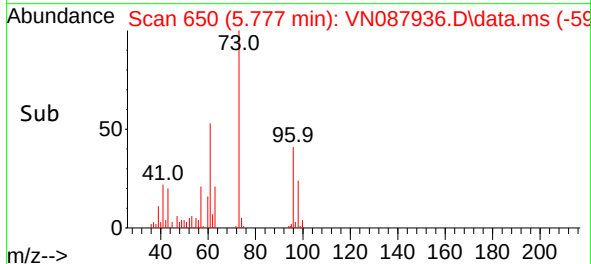
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



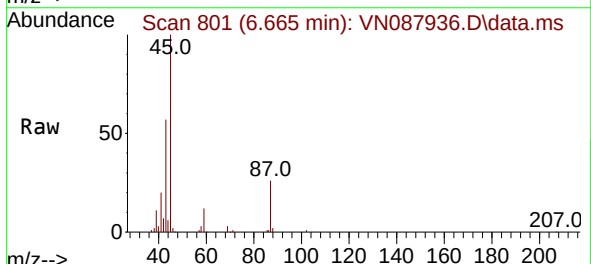
Tgt Ion: 96 Resp: 53370
Ion Ratio Lower Upper
96 100
61 130.1 114.4 171.6
98 58.6 53.6 80.4

Manual Integrations
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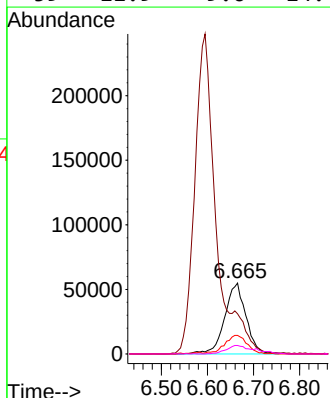
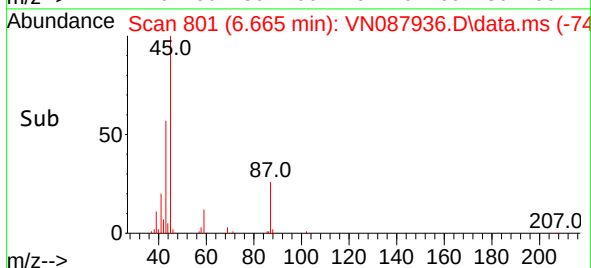
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

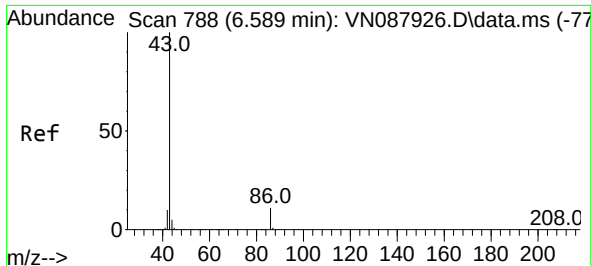


#22
Diisopropyl ether
Concen: 20.464 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08



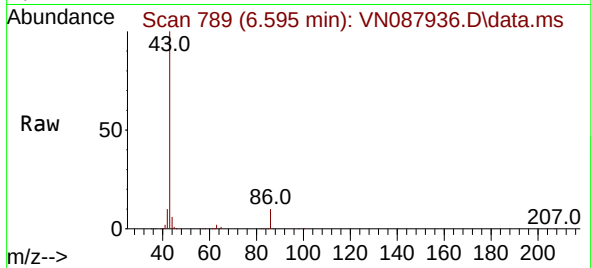
Tgt Ion: 45 Resp: 175098
Ion Ratio Lower Upper
45 100
43 55.2 49.9 74.9
87 26.3 25.2 37.8
59 11.9 9.6 14.4





#23
 Vinyl Acetate
 Concen: 110.652 ug/l
 RT: 6.595 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087936.D
 Acq: 24 Sep 2025 10:08

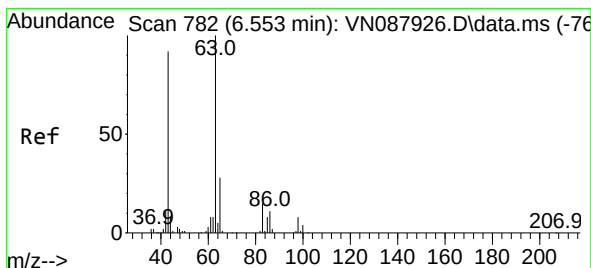
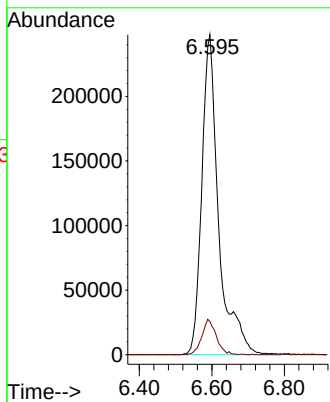
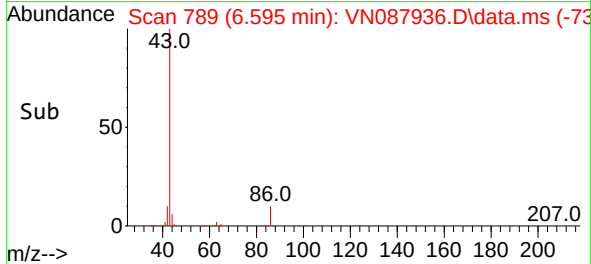
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01



Tgt Ion: 43 Resp: 797170
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.6 12.8

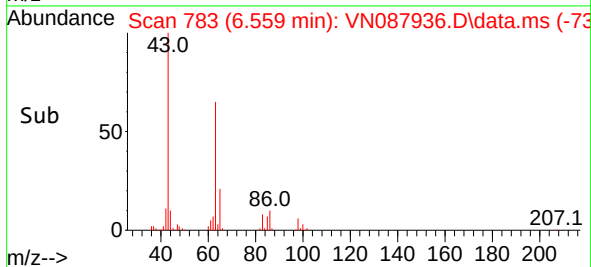
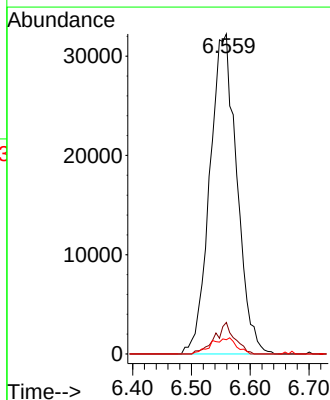
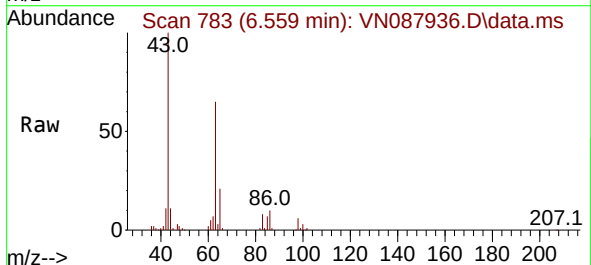
Manual Integrations
 APPROVED

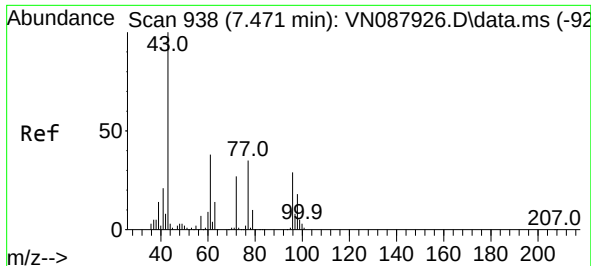
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#24
 1,1-Dichloroethane
 Concen: 20.606 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.006 min
 Lab File: VN087936.D
 Acq: 24 Sep 2025 10:08

Tgt Ion: 63 Resp: 103005
 Ion Ratio Lower Upper
 63 100
 98 9.9 3.9 11.5
 100 4.4 2.1 6.5





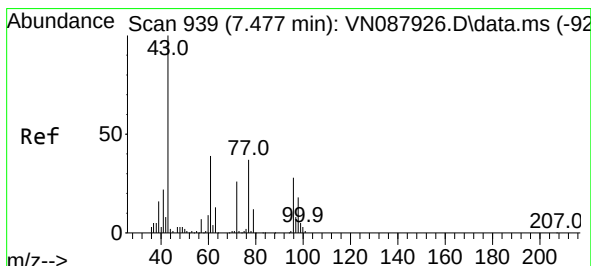
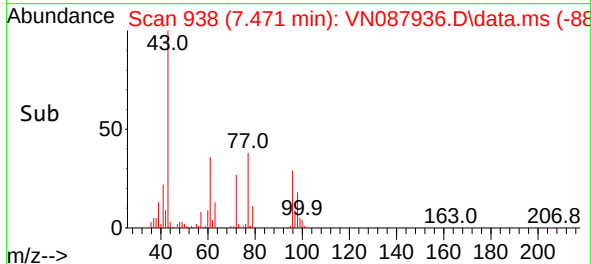
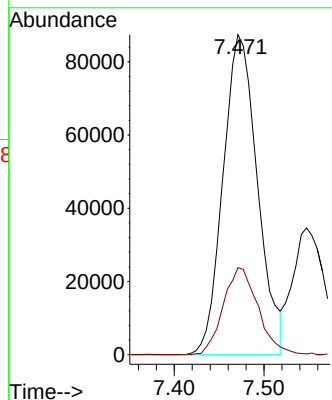
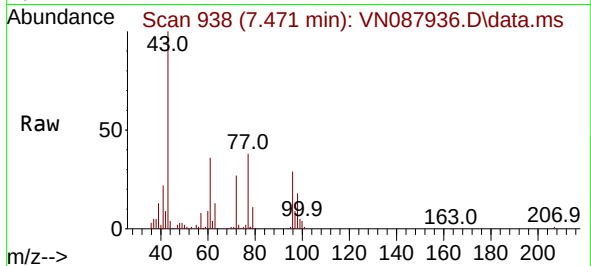
#25
2-Butanone
Concen: 102.728 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tgt Ion: 43 Resp: 23302
Ion Ratio Lower Upper
43 100
72 27.2 21.5 32.3

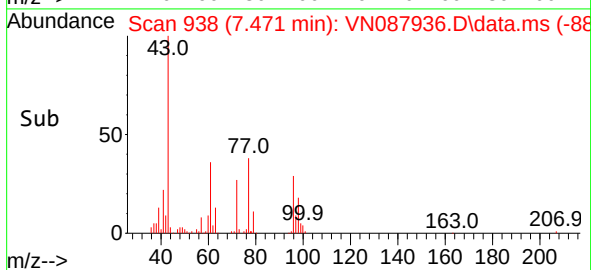
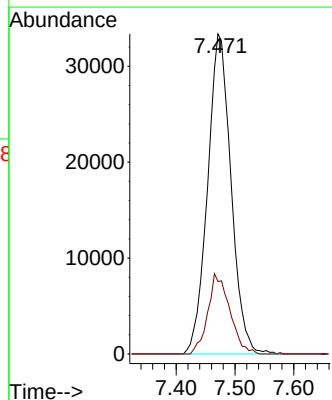
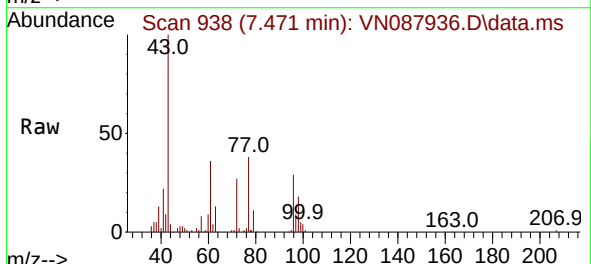
Manual Integrations
APPROVED

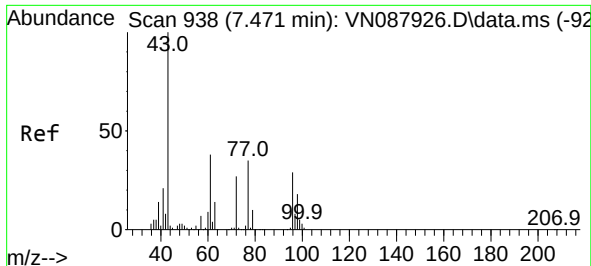
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#26
2,2-Dichloropropane
Concen: 20.815 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

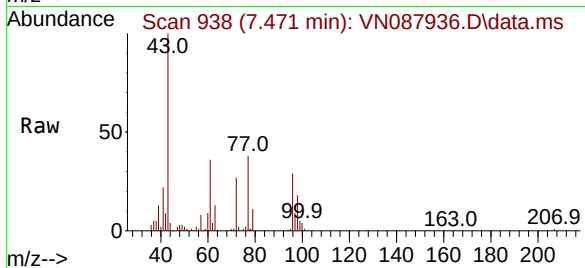
Tgt Ion: 77 Resp: 92445
Ion Ratio Lower Upper
77 100
97 23.4 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 20.403 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087936.D
 Acq: 24 Sep 2025 10:08

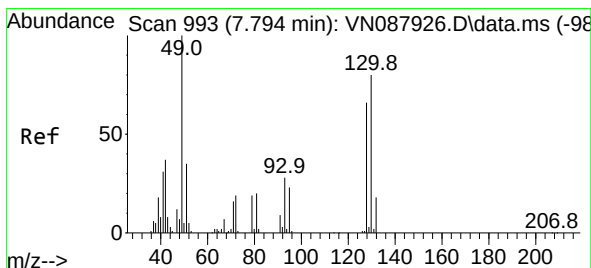
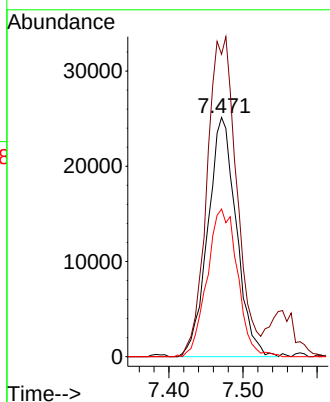
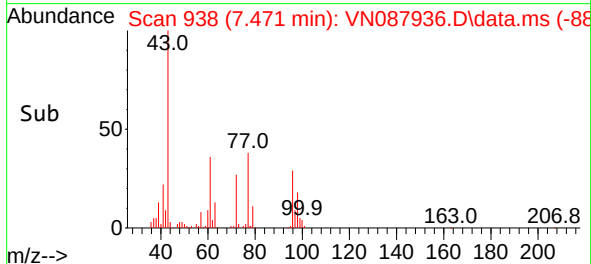
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01



Tgt Ion: 96 Resp: 6700
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 283.0
 98 65.9 0.0 127.6

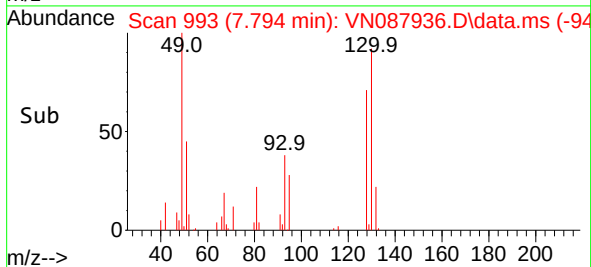
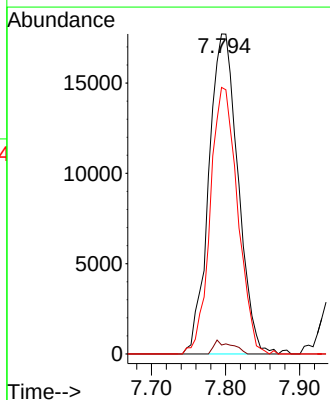
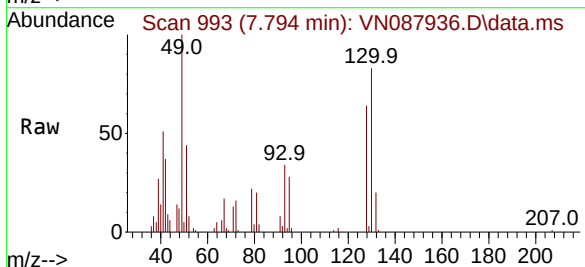
Manual Integrations
 APPROVED

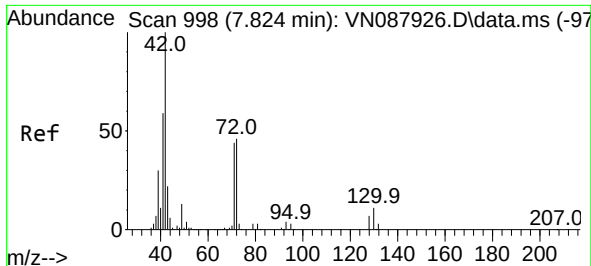
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#28
 Bromochloromethane
 Concen: 17.886 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN087936.D
 Acq: 24 Sep 2025 10:08

Tgt Ion: 49 Resp: 48578
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.4
 130 78.0 62.6 94.0





#29

Tetrahydrofuran

Concen: 99.618 ug/l

RT: 7.824 min Scan# 998

Delta R.T. 0.000 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

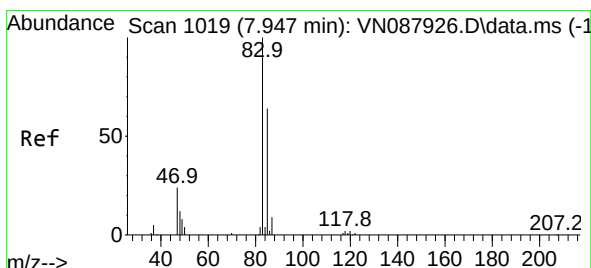
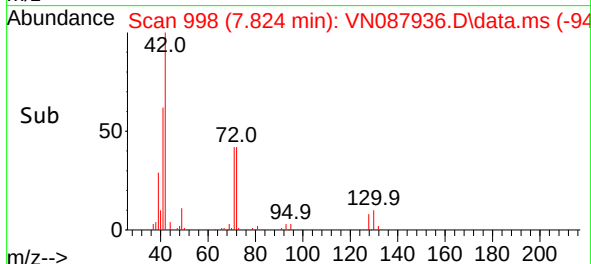
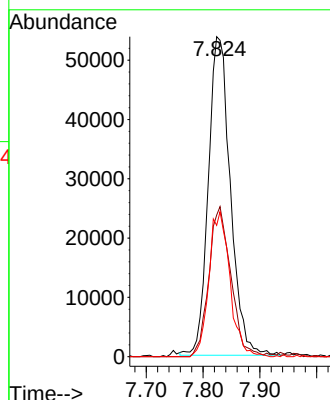
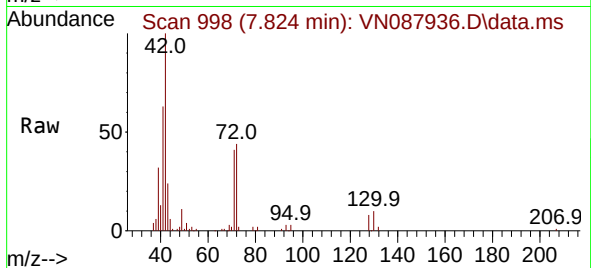
Tgt Ion:	42	Resp:	14469
Ion Ratio	Lower	Upper	
42	100		
72	47.0	36.5	54.7
71	43.3	33.8	50.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#30

Chloroform

Concen: 20.509 ug/l

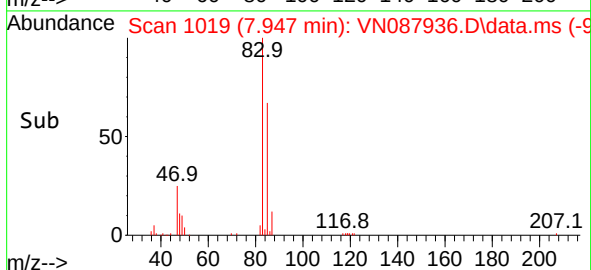
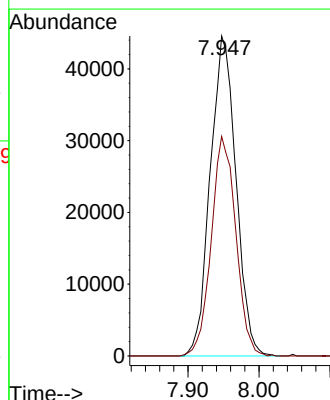
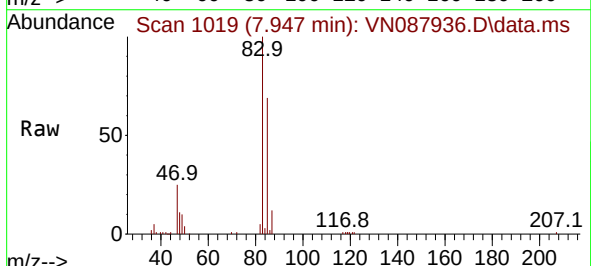
RT: 7.947 min Scan# 1019

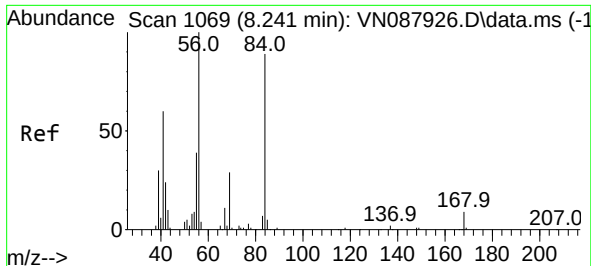
Delta R.T. 0.000 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

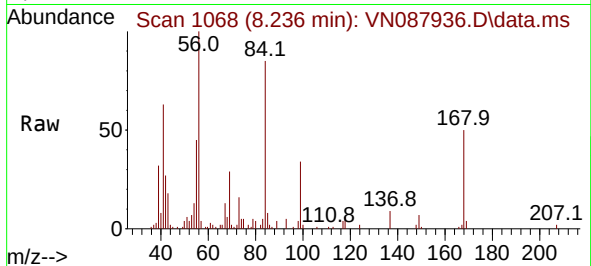
Tgt Ion:	83	Resp:	112100
Ion Ratio	Lower	Upper	
83	100		
85	68.6	50.9	76.3





#31
Cyclohexane
Concen: 19.833 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

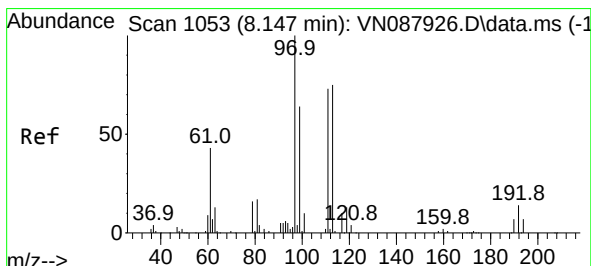
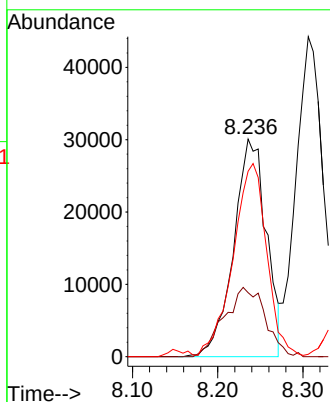
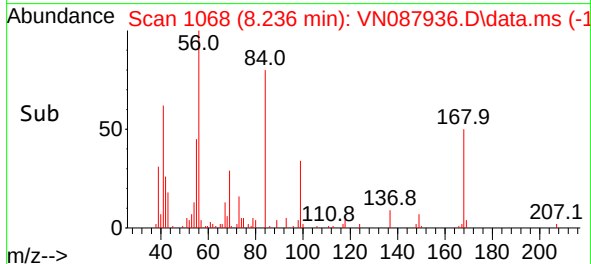
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



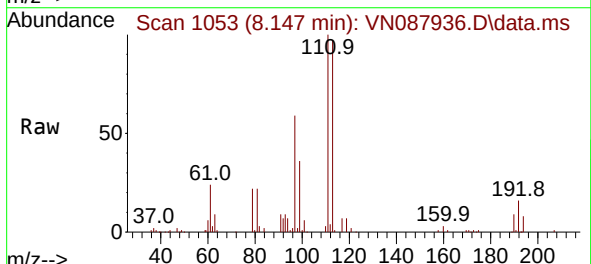
Tgt Ion: 56 Resp: 8022
Ion Ratio Lower Upper
56 100
69 29.4 23.4 35.0
84 82.6 70.8 106.2

Manual Integrations
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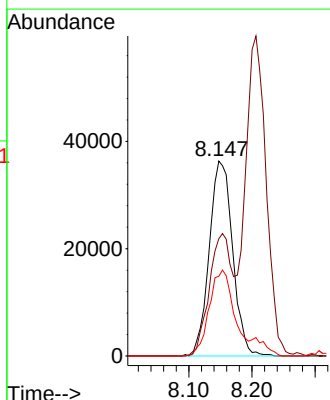
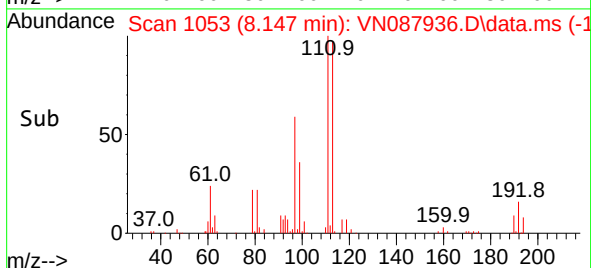
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

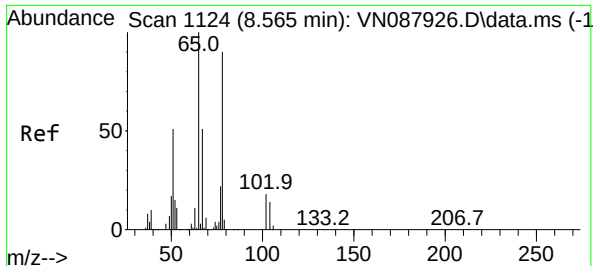


#32
1,1,1-Trichloroethane
Concen: 20.222 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08



Tgt Ion: 97 Resp: 93396
Ion Ratio Lower Upper
97 100
99 59.6 51.1 76.7
61 46.6 38.6 58.0





#33

1,2-Dichloroethane-d4

Concen: 53.652 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tgt Ion: 65 Resp: 19352

Ion Ratio Lower Upper

65 100

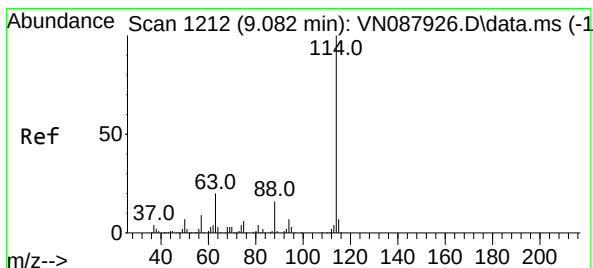
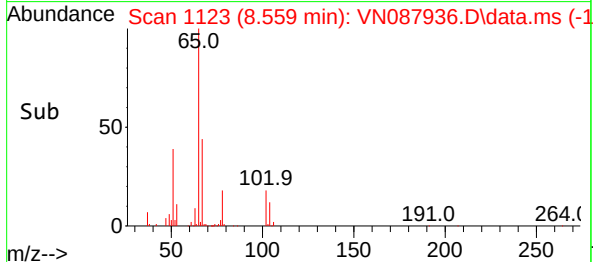
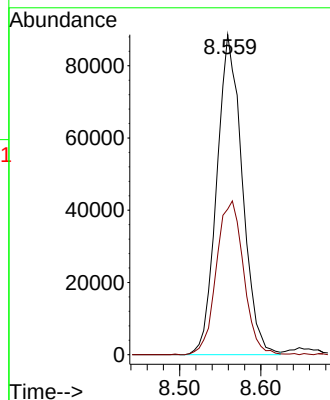
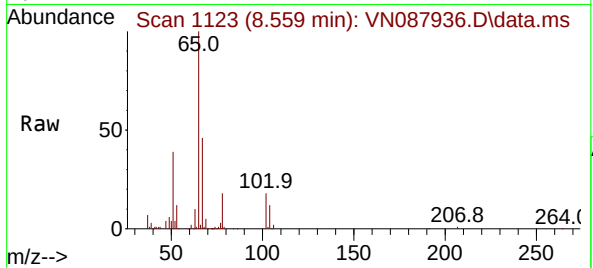
67 51.3 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

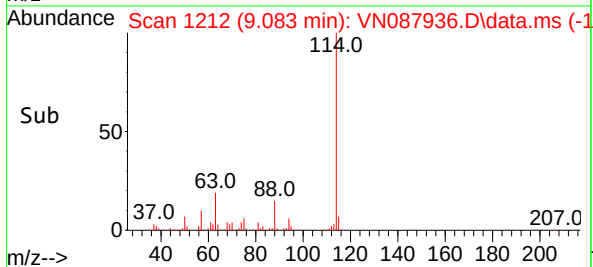
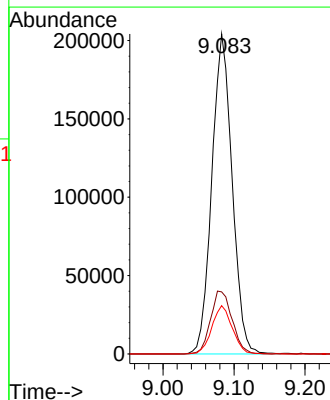
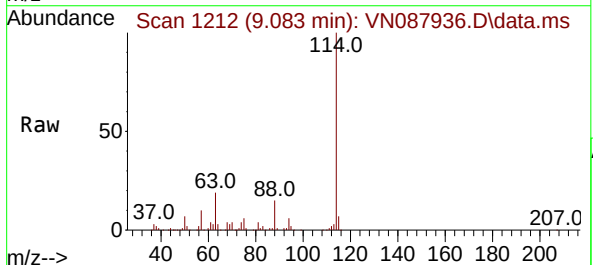
Tgt Ion:114 Resp: 404775

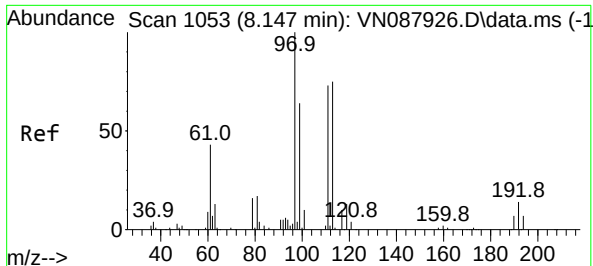
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

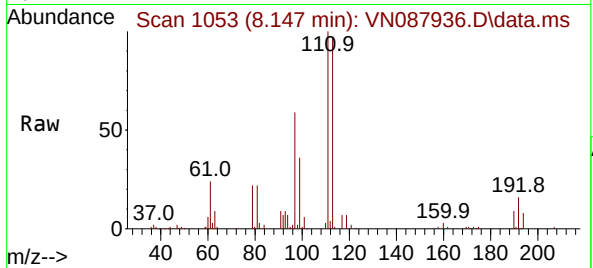
88 15.1 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.804 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

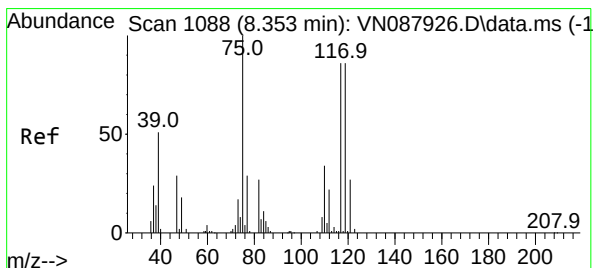
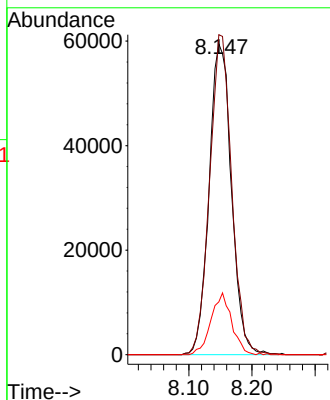
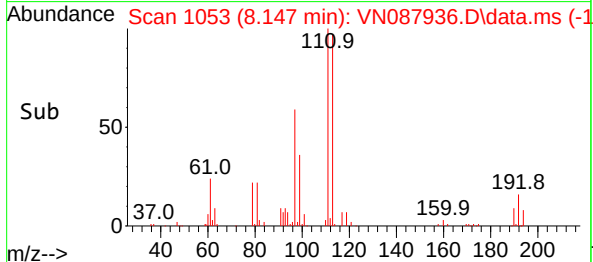
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



Tgt Ion: 113 Resp: 146369
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 18.4 14.2 21.2

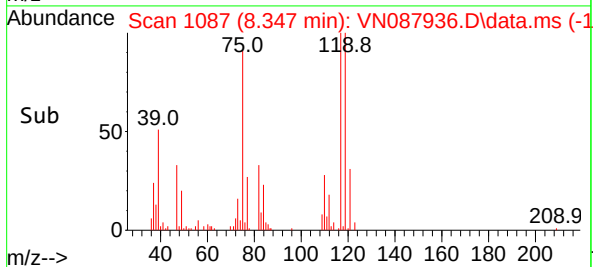
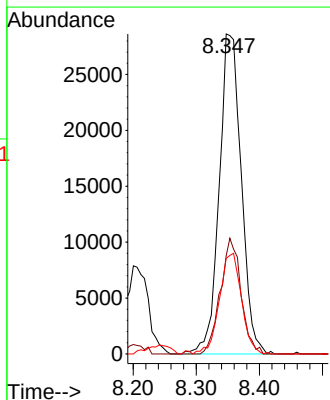
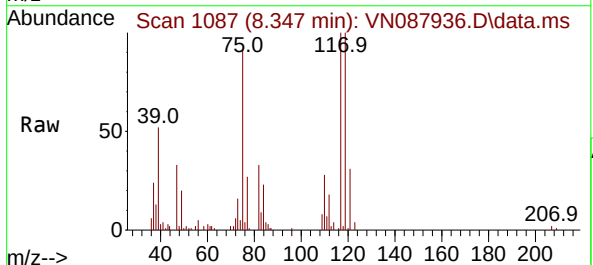
Manual Integrations
APPROVED

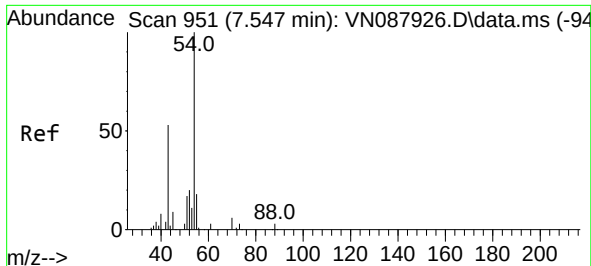
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#36
1,1-Dichloropropene
Concen: 19.718 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

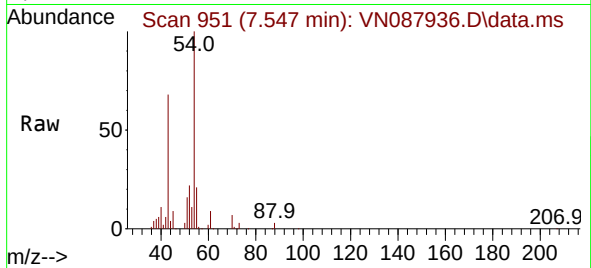
Tgt Ion: 75 Resp: 69679
Ion Ratio Lower Upper
75 100
110 33.7 17.1 51.3
77 31.3 24.8 37.2





#37
Ethyl Acetate
Concen: 19.238 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

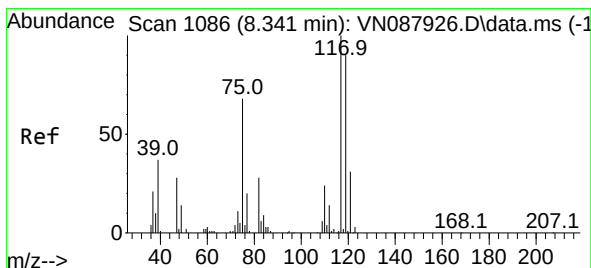
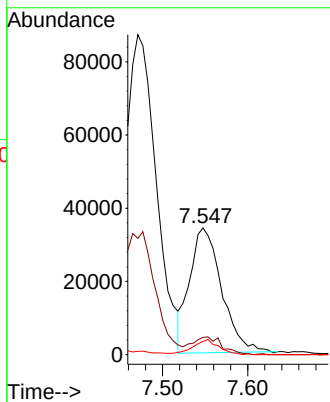
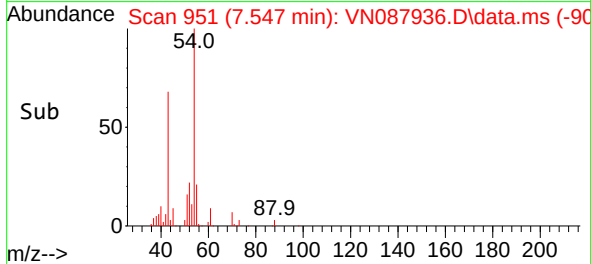
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



Tgt Ion: 43 Resp: 8927
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 9.9 7.8 11.8

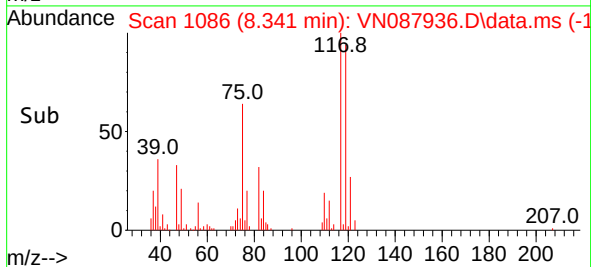
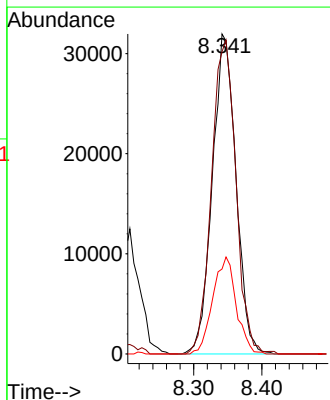
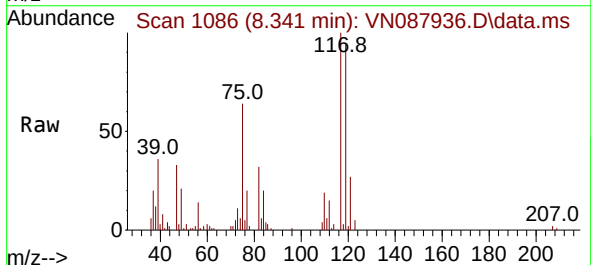
Manual Integrations
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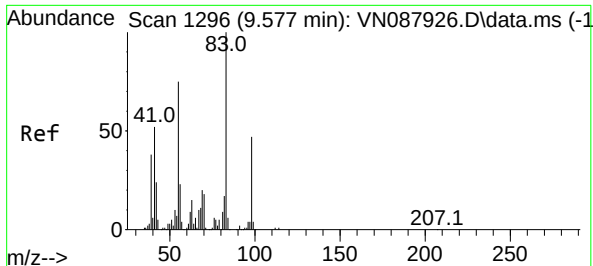
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#38
Carbon Tetrachloride
Concen: 19.015 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Tgt Ion:117 Resp: 77107
Ion Ratio Lower Upper
117 100
119 94.5 72.1 108.1
121 26.6 24.6 36.8





#39

Methylcyclohexane

Concen: 18.408 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

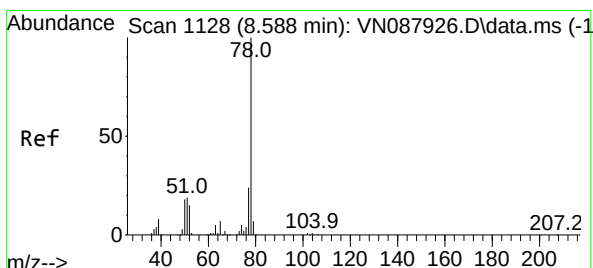
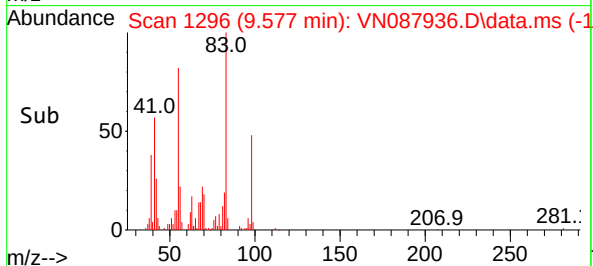
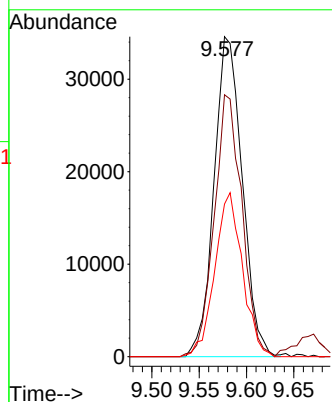
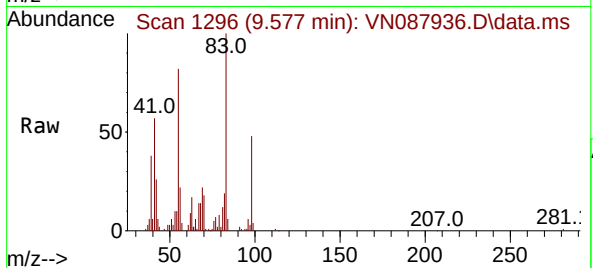
Tgt Ion: 83	Resp: 71760
Ion Ratio	Lower Upper
83 100	
55 81.9	59.9 89.9
98 47.7	37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#40

Benzene

Concen: 19.808 ug/l

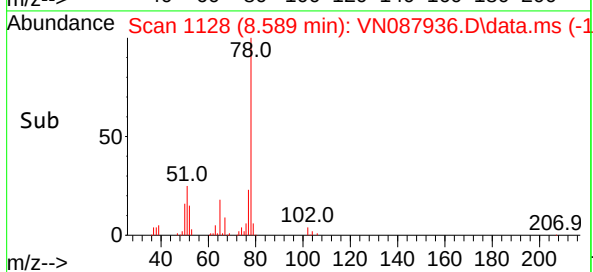
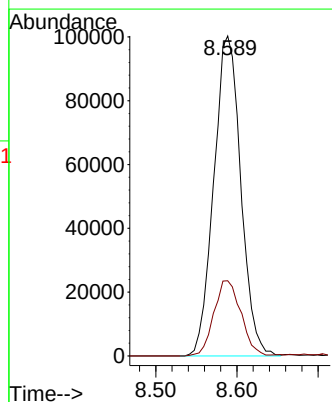
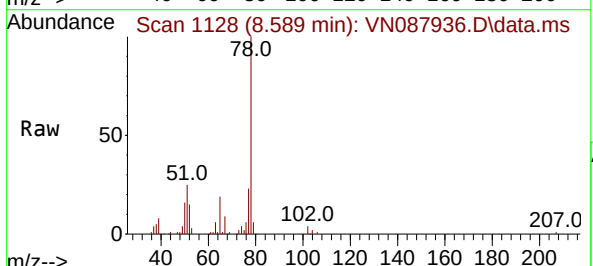
RT: 8.589 min Scan# 1128

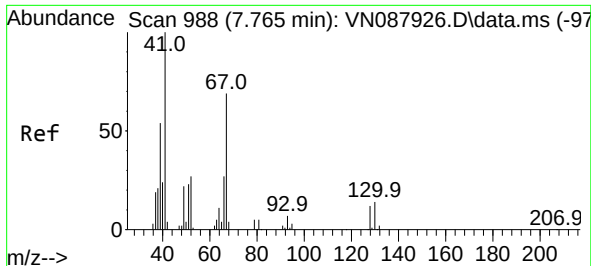
Delta R.T. 0.000 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

Tgt Ion: 78	Resp: 231765
Ion Ratio	Lower Upper
78 100	
77 23.5	19.0 28.6





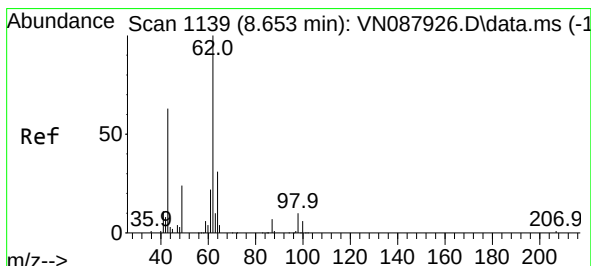
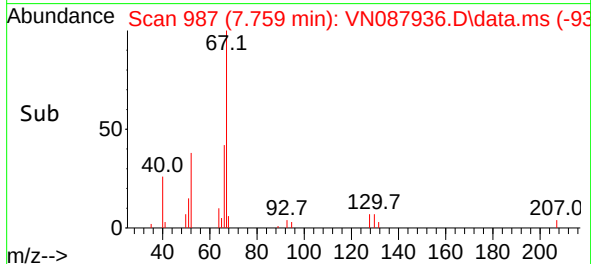
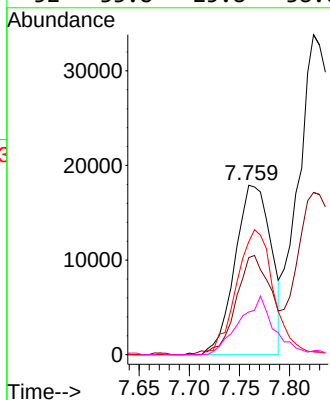
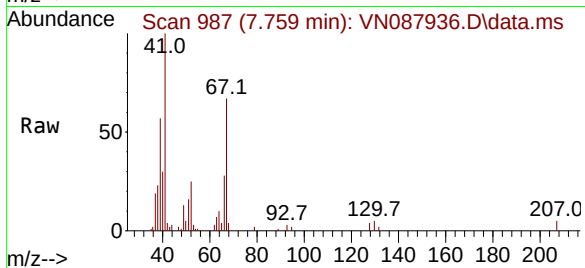
#41
Methacrylonitrile
Concen: 18.749 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tgt Ion: 41 Resp: 4496
Ion Ratio Lower Upper
41 100
39 56.0 43.5 65.3
67 75.8 57.6 86.4
52 33.8 25.8 38.6

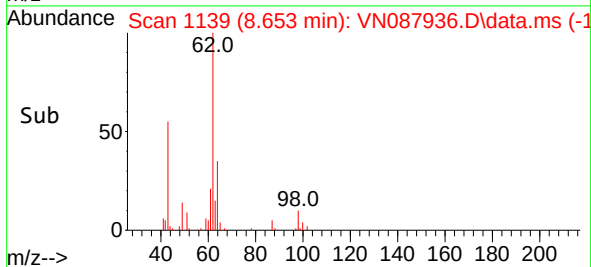
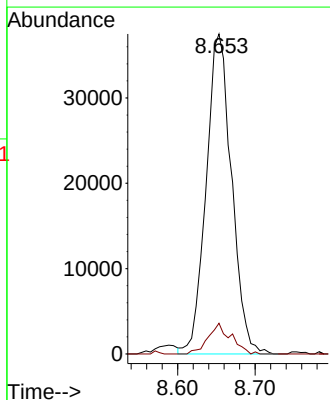
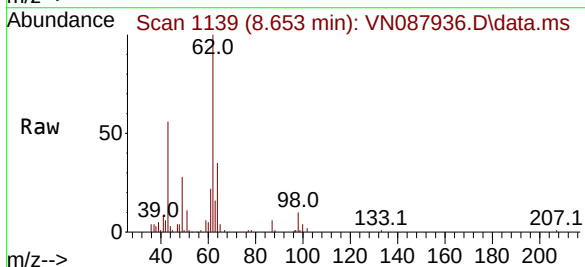
Manual Integrations
APPROVED

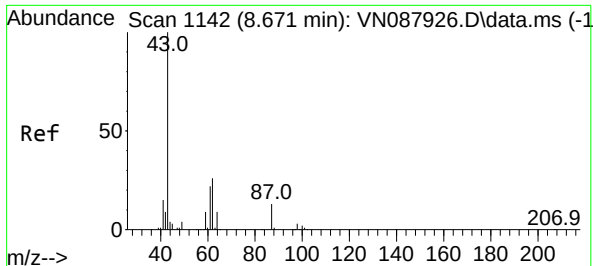
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#42
1,2-Dichloroethane
Concen: 19.614 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

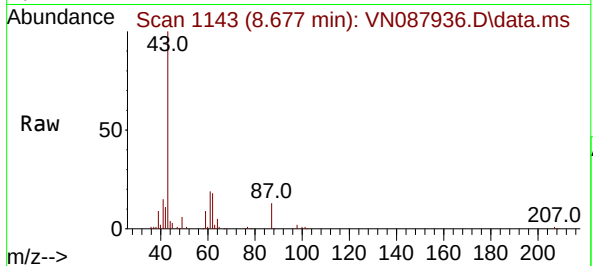
Tgt Ion: 62 Resp: 85643
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.6





#43
Isopropyl Acetate
Concen: 20.269 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

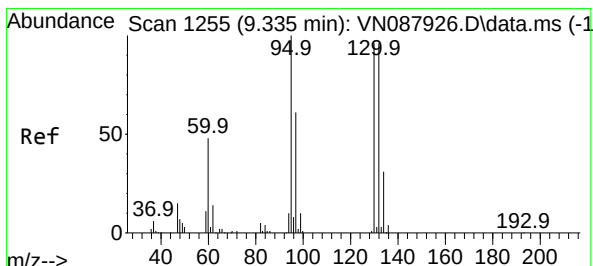
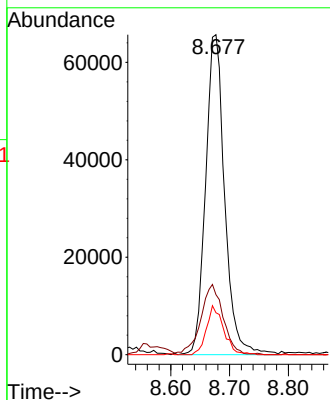
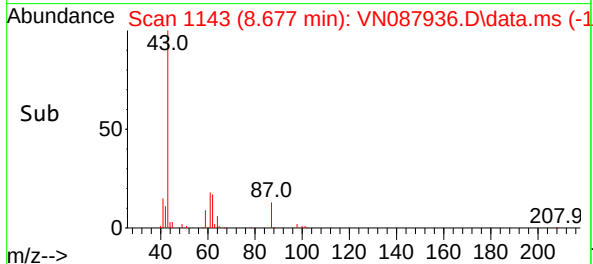
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



Tgt Ion: 43 Resp: 14805
Ion Ratio Lower Upper
43 100
61 25.2 20.2 30.2
87 13.8 10.9 16.3

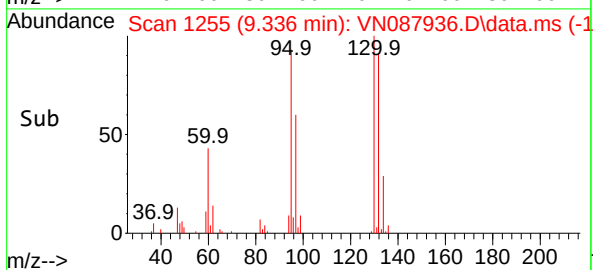
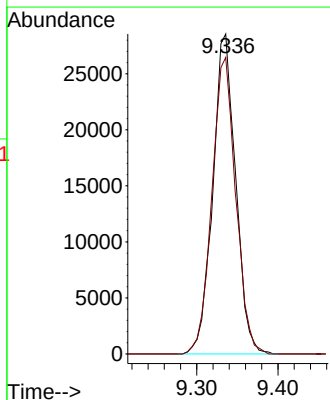
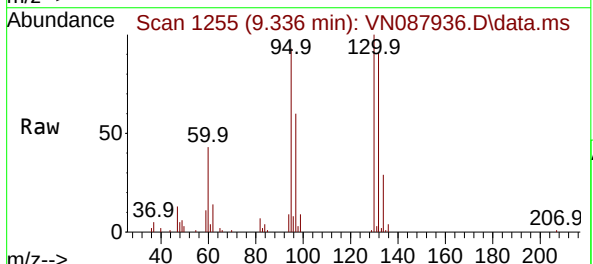
Manual Integrations
APPROVED

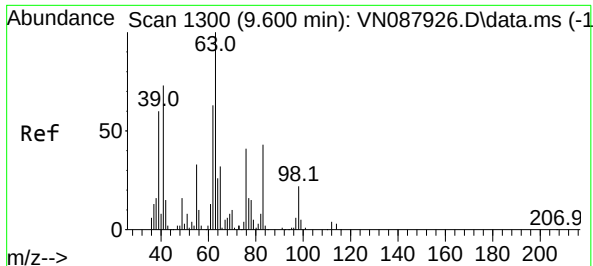
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#44
Trichloroethene
Concen: 19.960 ug/l
RT: 9.336 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Tgt Ion:130 Resp: 55787
Ion Ratio Lower Upper
130 100
95 92.6 0.0 208.0





#45

1,2-Dichloropropane

Concen: 19.677 ug/l

RT: 9.606 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tgt Ion: 63 Resp: 5773

Ion Ratio Lower Upper

63 100

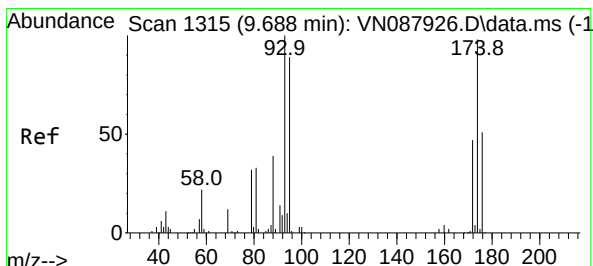
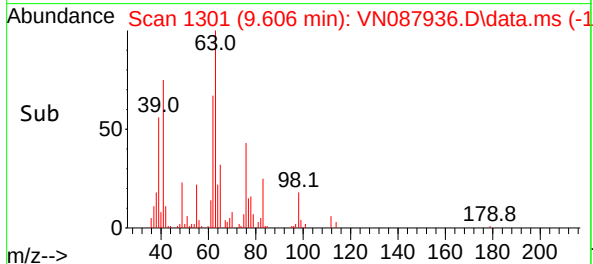
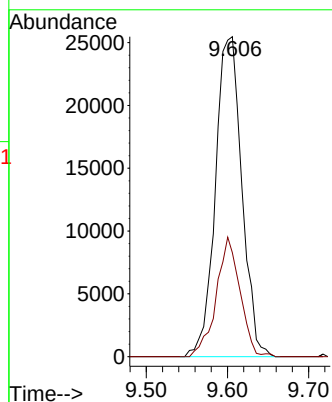
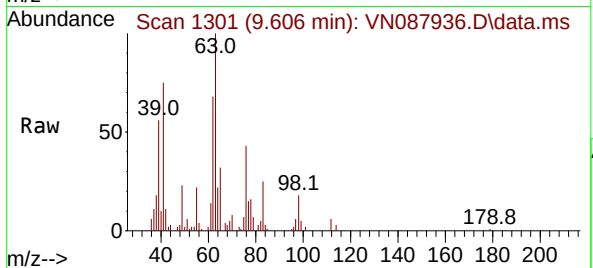
65 32.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#46

Dibromomethane

Concen: 19.740 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

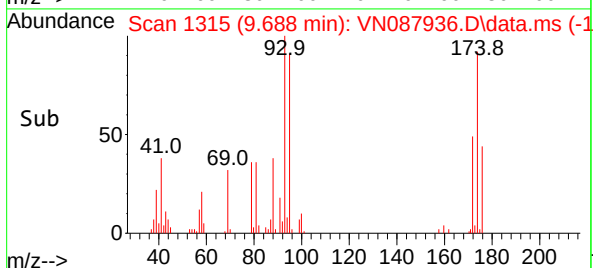
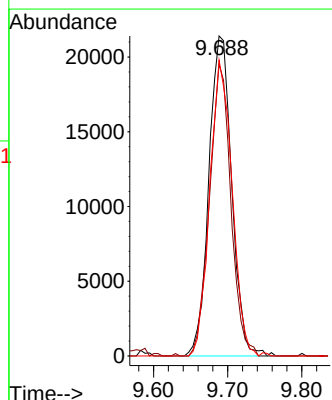
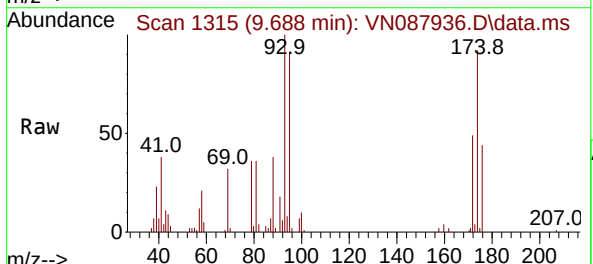
Tgt Ion: 93 Resp: 45700

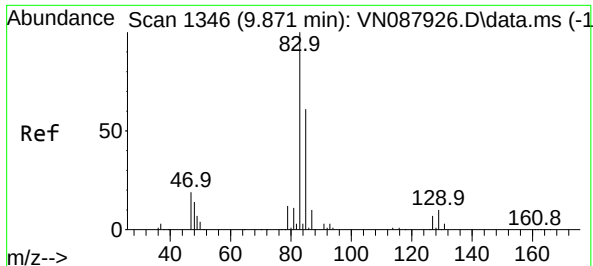
Ion Ratio Lower Upper

93 100

95 85.5 67.6 101.4

174 90.7 75.4 113.0





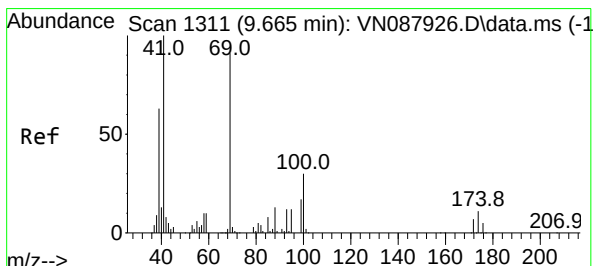
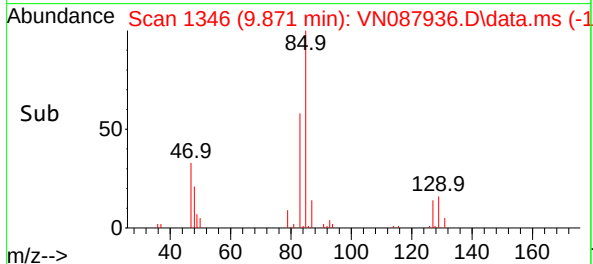
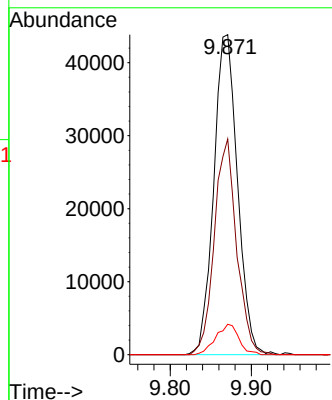
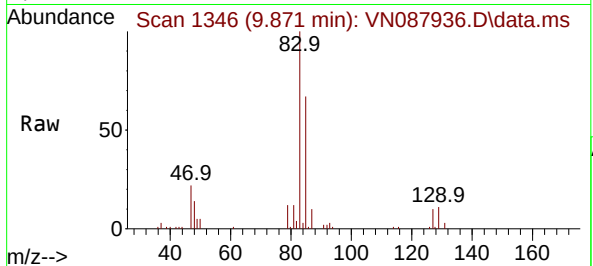
#47
Bromodichloromethane
Concen: 19.647 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tgt Ion: 83 Resp: 89210
Ion Ratio Lower Upper
83 100
85 67.4 49.1 73.7
127 9.5 5.9 8.9

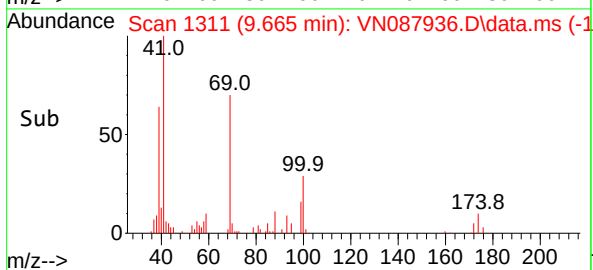
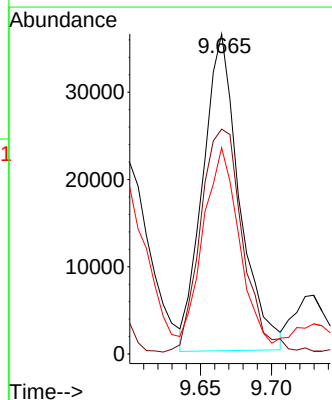
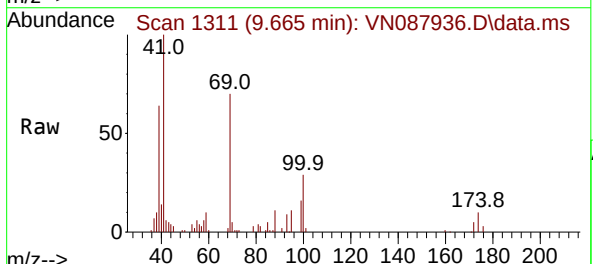
Manual Integrations
APPROVED

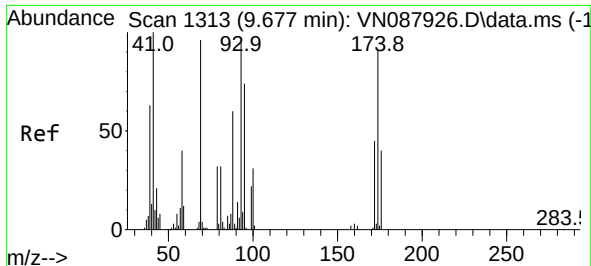
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#48
Methyl methacrylate
Concen: 19.196 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Tgt Ion: 41 Resp: 64933
Ion Ratio Lower Upper
41 100
69 81.8 70.9 106.3
39 65.4 52.9 79.3





#49

1,4-Dioxane

Concen: 406.347 ug/l

RT: 9.683 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

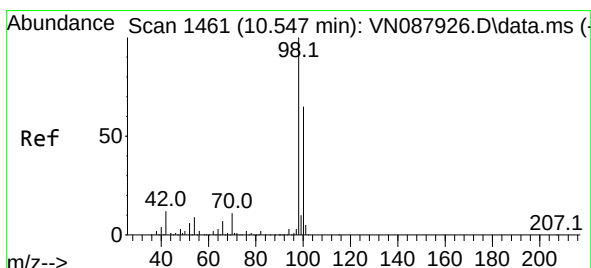
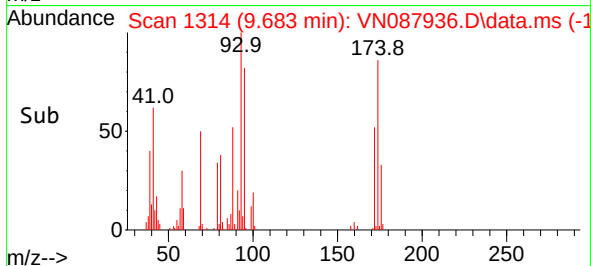
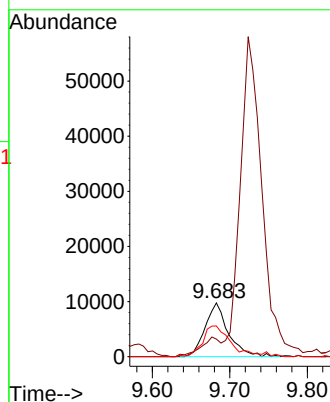
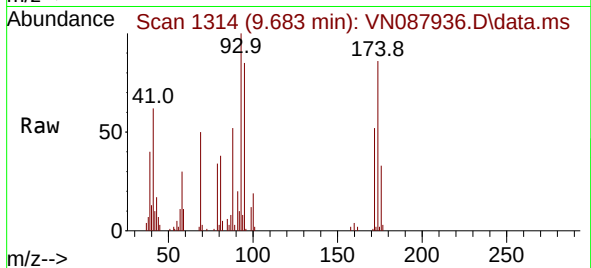
Tgt Ion:	88	Resp:	20300
Ion	Ratio	Lower	Upper
88	100		
43	30.5	22.6	33.8
58	68.3	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#50

Toluene-d8

Concen: 49.117 ug/l

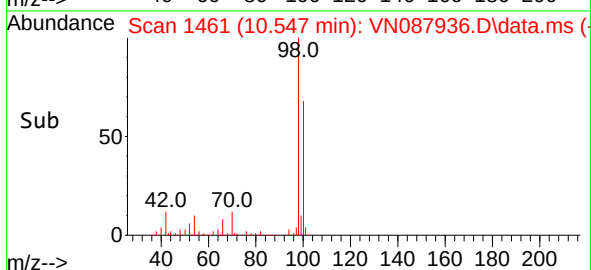
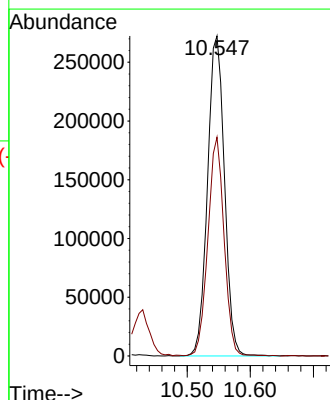
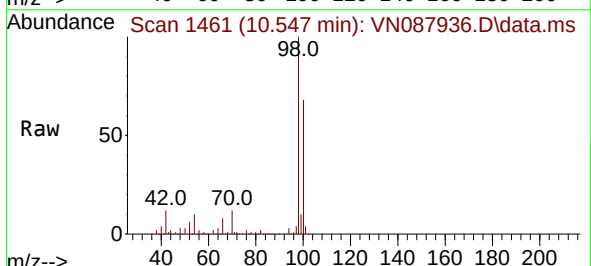
RT: 10.547 min Scan# 1461

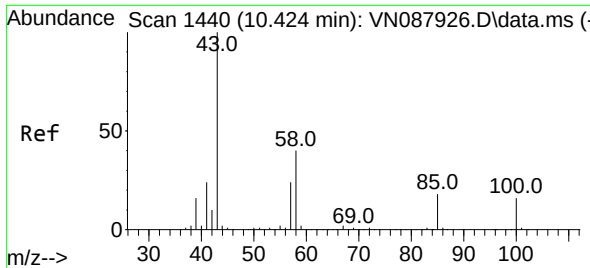
Delta R.T. 0.000 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

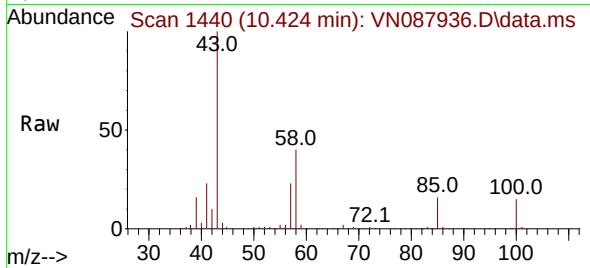
Tgt Ion:	98	Resp:	507616
Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5





#51
4-Methyl-2-Pentanone
Concen: 101.939 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

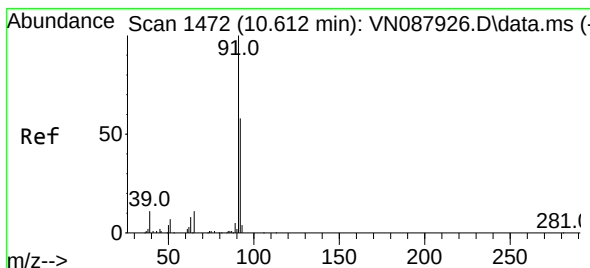
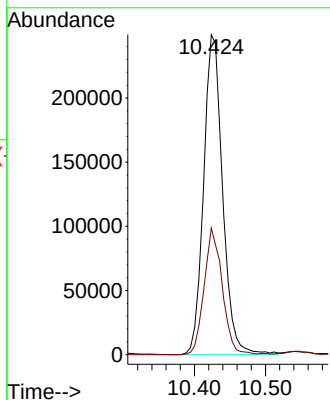
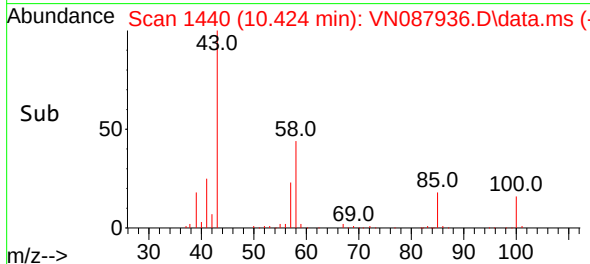
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



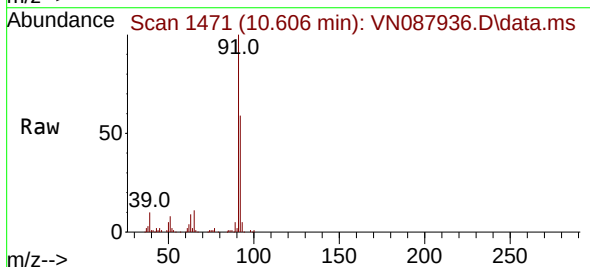
Tgt Ion: 43 Resp: 464634
Ion Ratio Lower Upper
43 100
58 37.7 31.0 46.6

Manual Integrations
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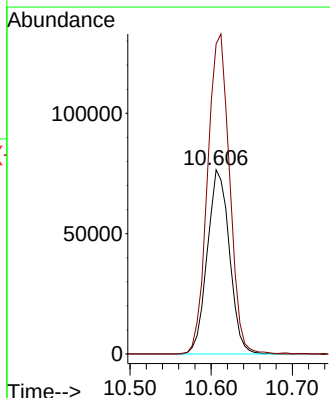
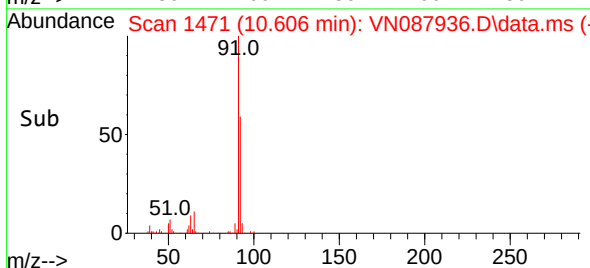
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

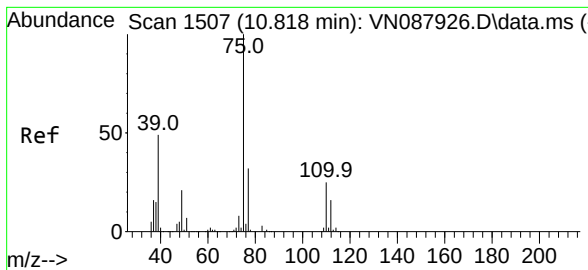


#52
Toluene
Concen: 19.739 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08



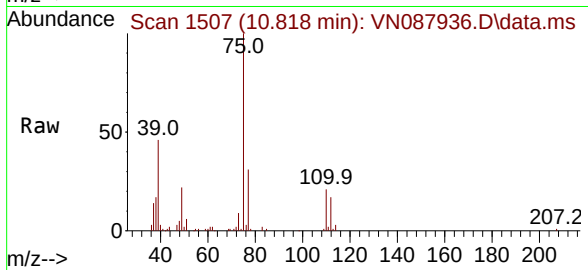
Tgt Ion: 92 Resp: 144931
Ion Ratio Lower Upper
92 100
91 172.9 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 19.027 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

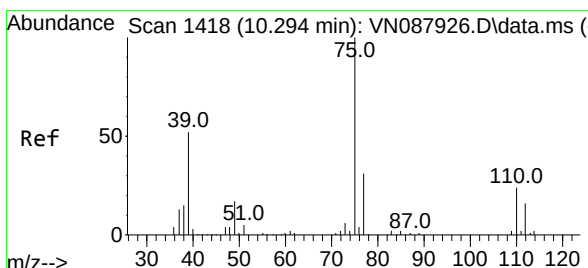
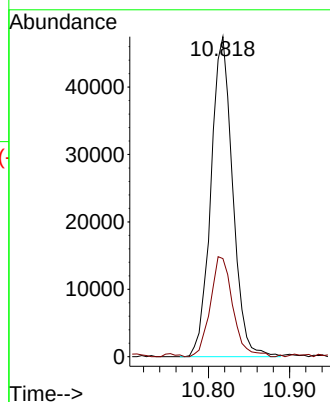
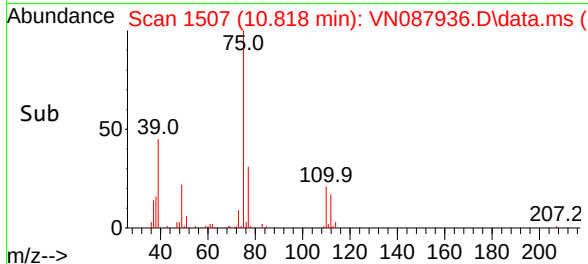
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



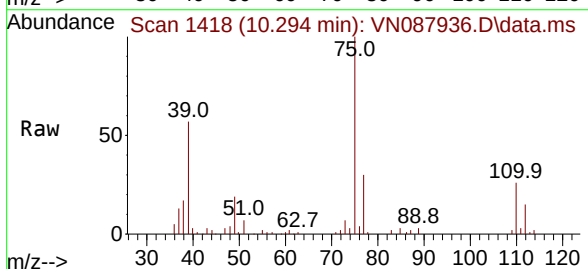
Tgt Ion: 75 Resp: 88425
Ion Ratio Lower Upper
75 100
77 30.1 25.3 37.9

Manual Integrations
APPROVED

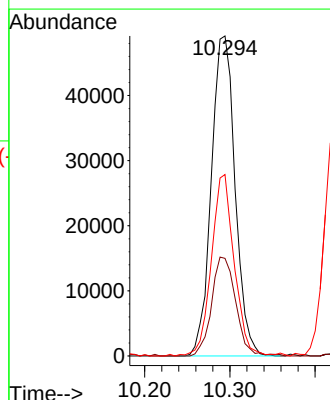
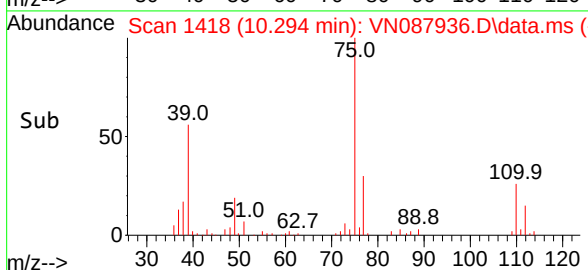
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

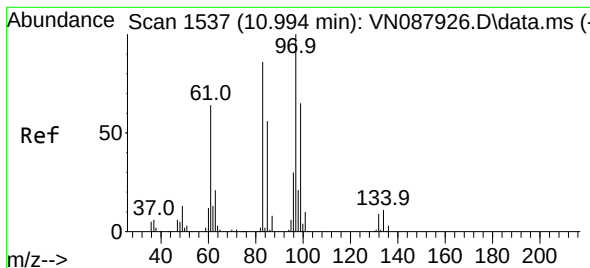


#54
cis-1,3-Dichloropropene
Concen: 19.724 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08



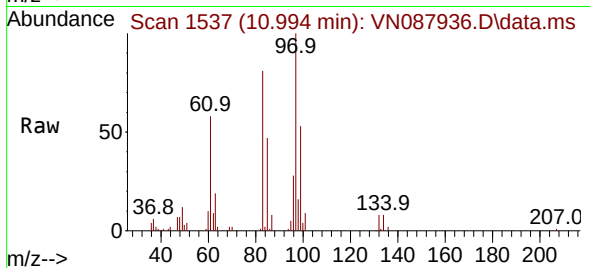
Tgt Ion: 75 Resp: 95205
Ion Ratio Lower Upper
75 100
77 30.5 24.7 37.1
39 56.3 41.4 62.0





#55
1,1,2-Trichloroethane
Concen: 20.431 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

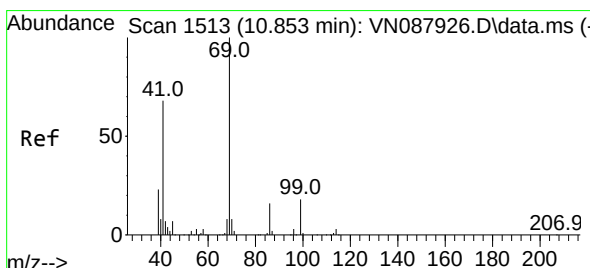
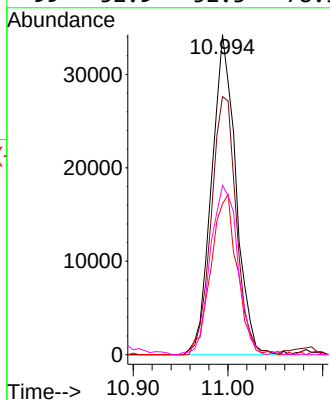
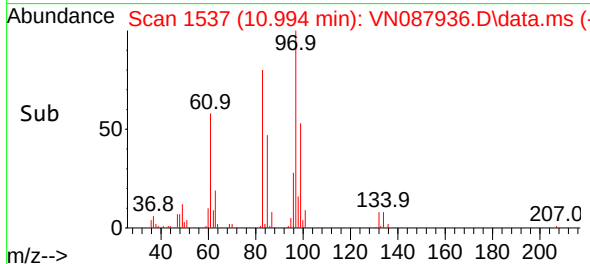
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



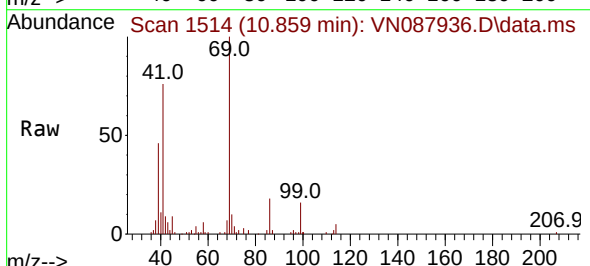
Tgt Ion:	97	Resp:	60990
Ion Ratio	100	Lower	Upper
97	100		
83	80.7	69.0	103.4
85	47.2	44.4	66.6
99	52.9	52.3	78.5

Manual Integrations
APPROVED

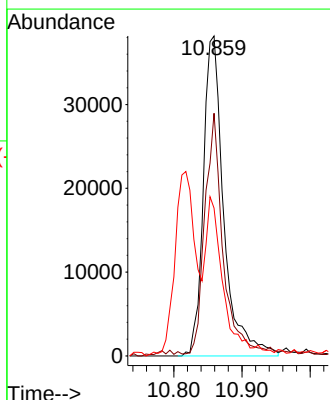
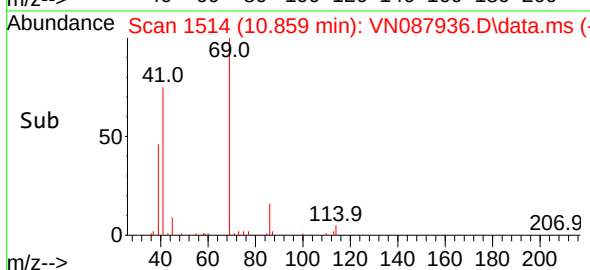
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

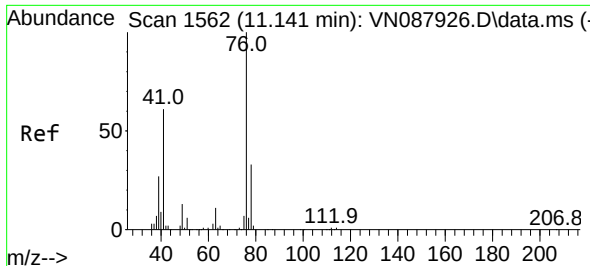


#56
Ethyl methacrylate
Concen: 18.498 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08



Tgt Ion:	69	Resp:	79797
Ion Ratio	100	Lower	Upper
69	100		
41	67.5	53.8	80.6
39	40.5	34.7	52.1





#57

1,3-Dichloropropane

Concen: 20.136 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

Tgt Ion: 76 Resp: 9887

Ion Ratio Lower Upper

76 100

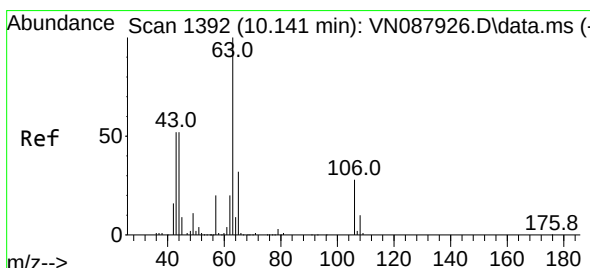
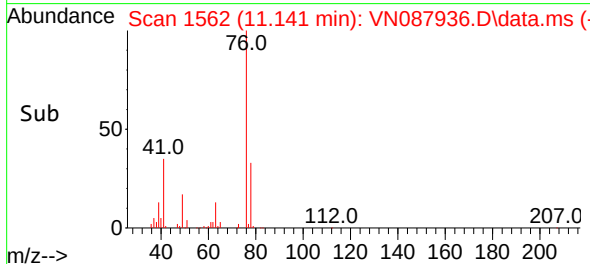
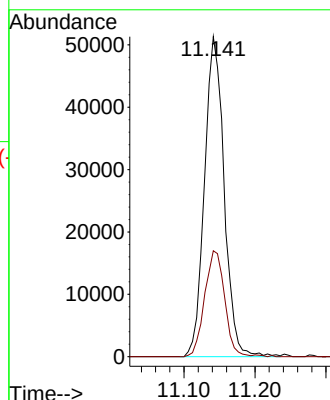
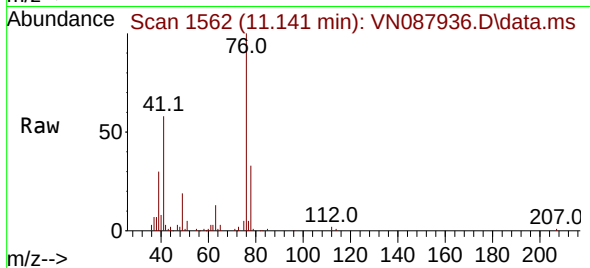
78 33.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 115.290 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087936.D

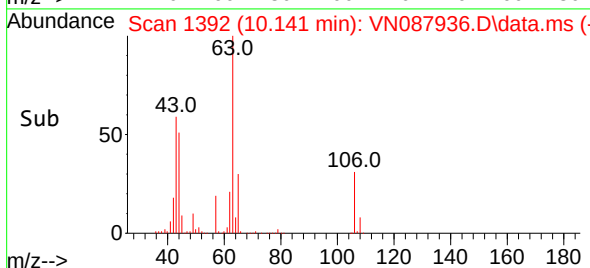
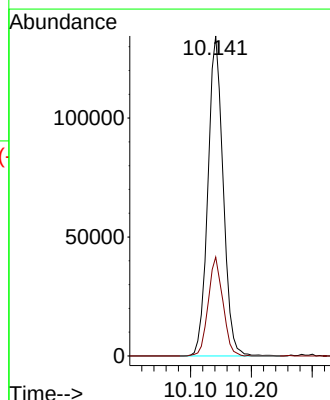
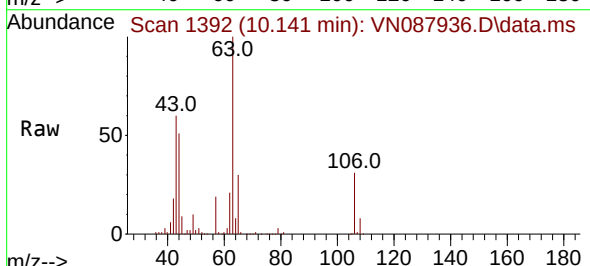
Acq: 24 Sep 2025 10:08

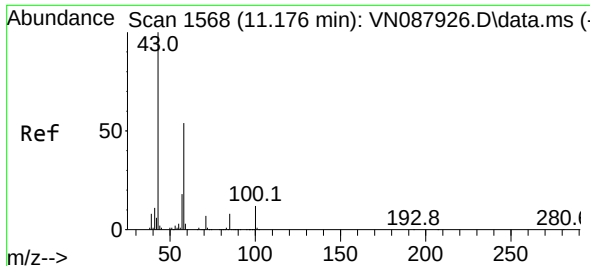
Tgt Ion: 63 Resp: 233843

Ion Ratio Lower Upper

63 100

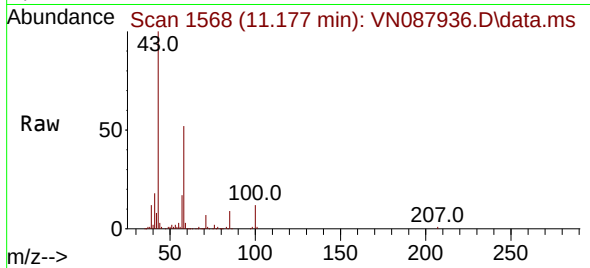
106 29.7 22.6 33.8





#59
2-Hexanone
Concen: 94.633 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

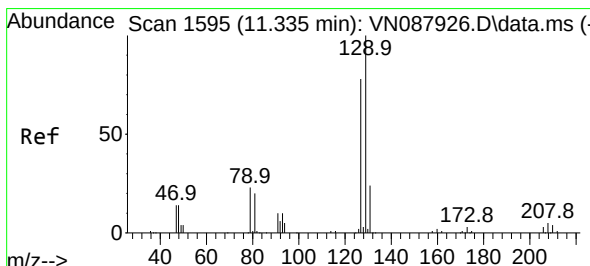
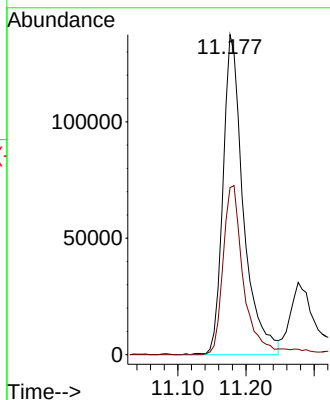
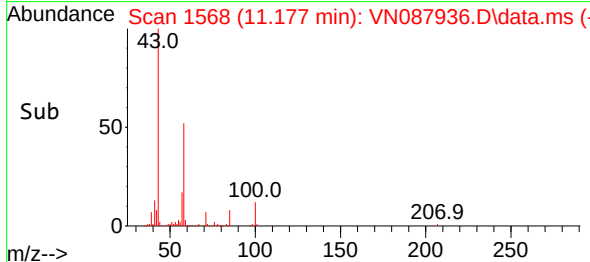
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



Tgt Ion: 43 Resp: 285209
Ion Ratio Lower Upper
43 100
58 54.8 26.4 79.2

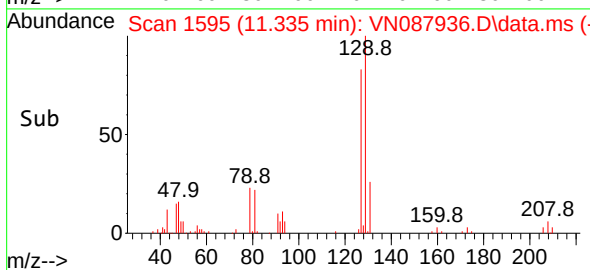
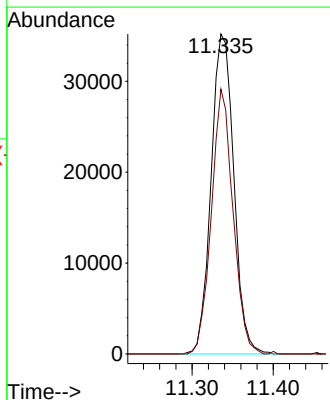
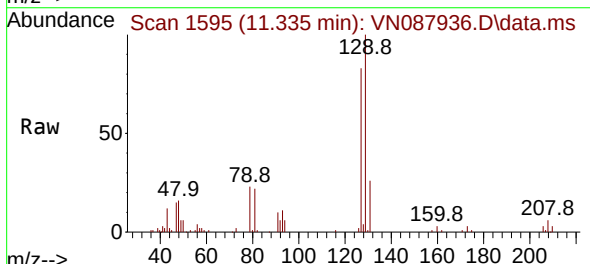
Manual Integrations
APPROVED

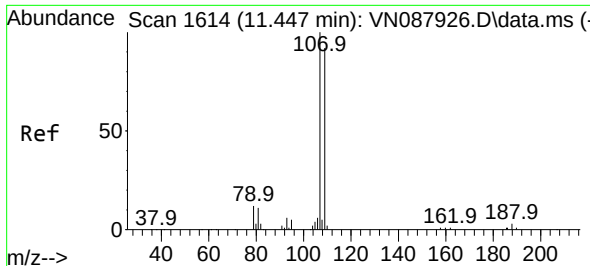
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#60
Dibromochloromethane
Concen: 19.488 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Tgt Ion:129 Resp: 68408
Ion Ratio Lower Upper
129 100
127 78.9 39.3 117.9





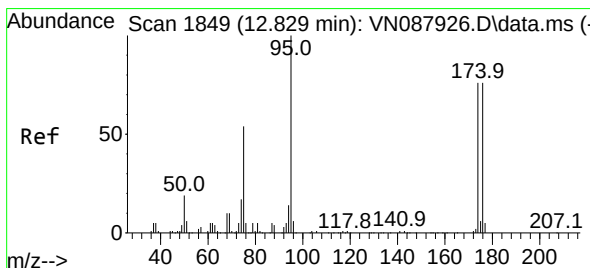
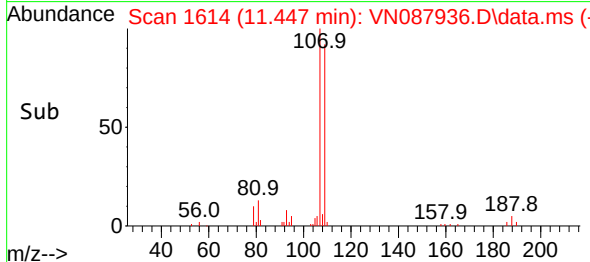
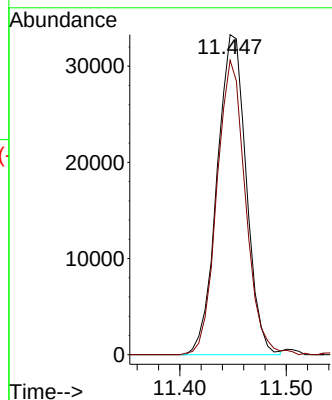
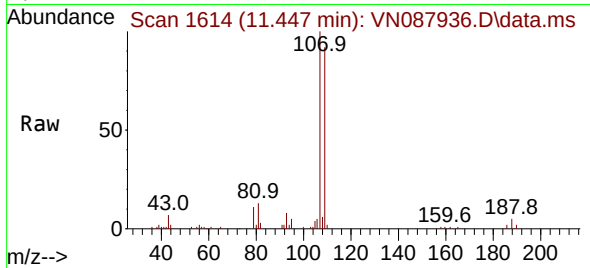
#61
1,2-Dibromoethane
Concen: 20.031 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tgt Ion:107 Resp: 6331
Ion Ratio Lower Upper
107 100
109 90.3 75.3 112.9

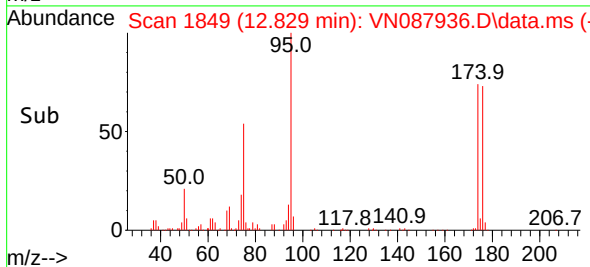
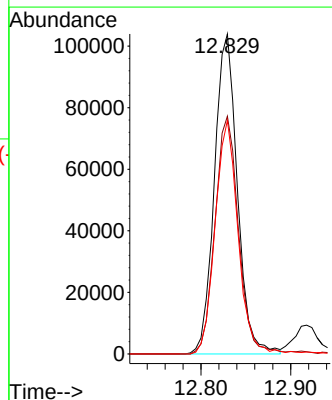
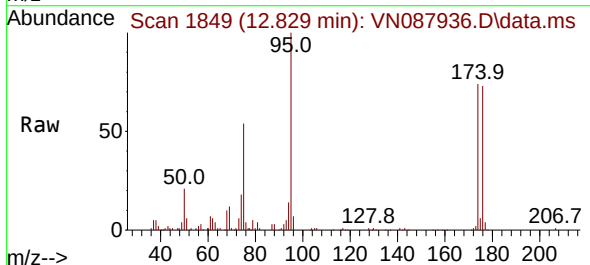
Manual Integrations
APPROVED

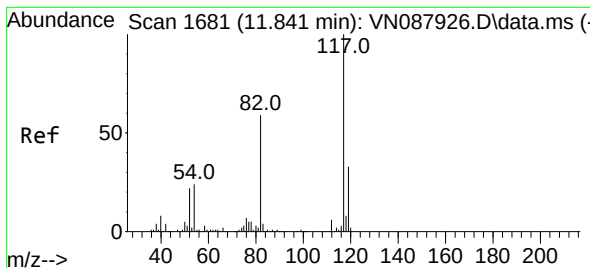
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#62
4-Bromofluorobenzene
Concen: 49.964 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

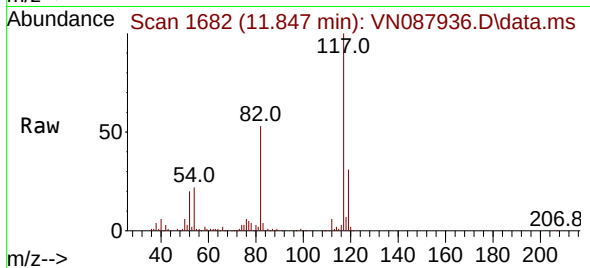
Tgt Ion: 95 Resp: 184577
Ion Ratio Lower Upper
95 100
174 76.0 0.0 159.2
176 72.7 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

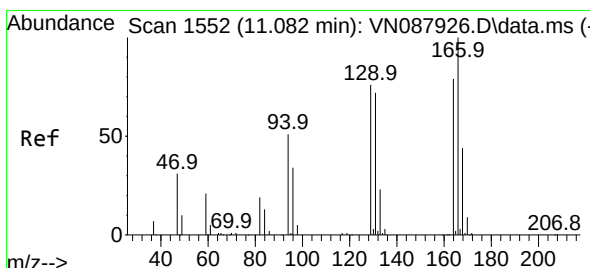
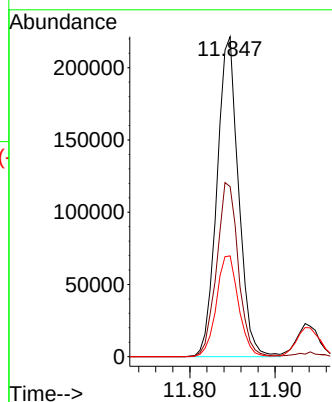
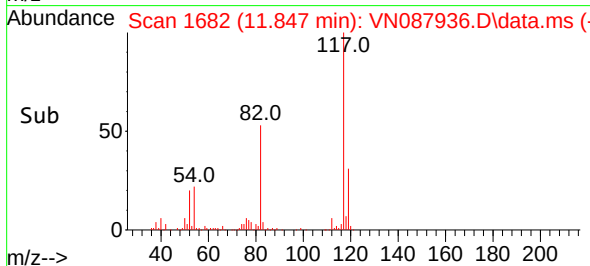
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



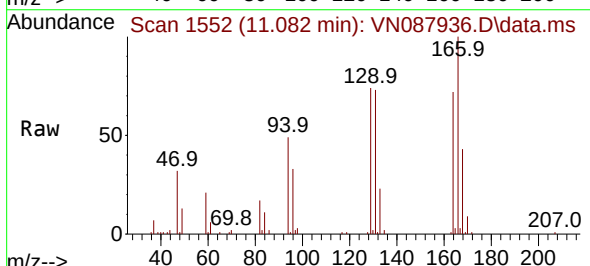
Tgt Ion:117 Resp: 389038
Ion Ratio Lower Upper
117 100
82 53.2 47.0 70.4
119 31.5 26.1 39.1

Manual Integrations
APPROVED

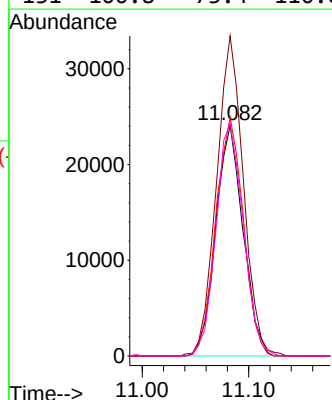
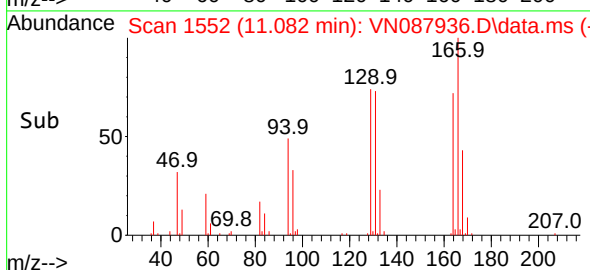
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

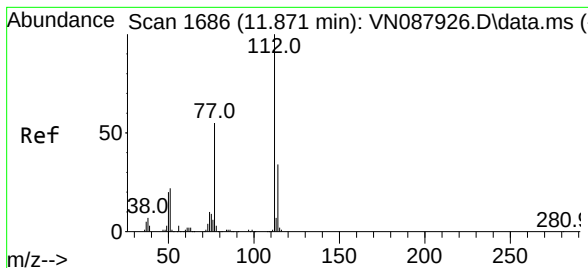


#64
Tetrachloroethene
Concen: 18.078 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08



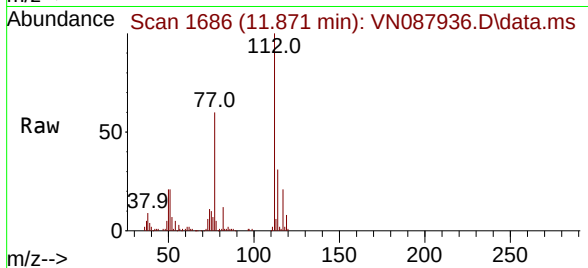
Tgt Ion:164 Resp: 42842
Ion Ratio Lower Upper
164 100
166 138.7 101.6 152.4
129 103.4 77.5 116.3
131 100.8 73.4 110.0





#65
Chlorobenzene
Concen: 19.557 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

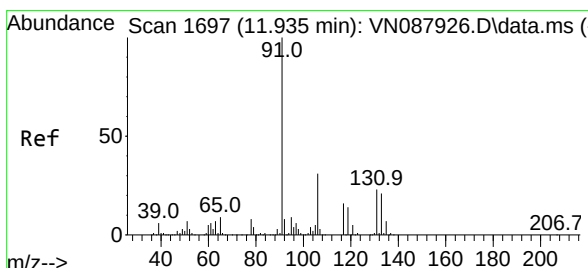
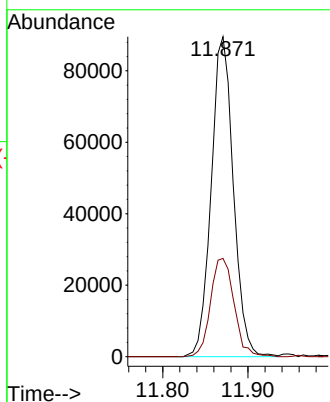
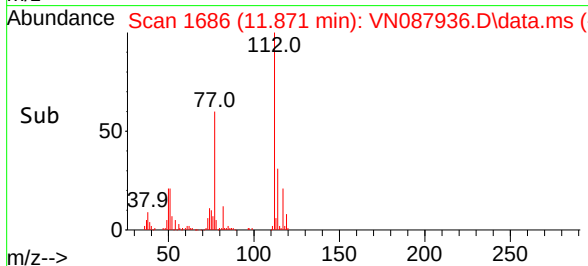
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



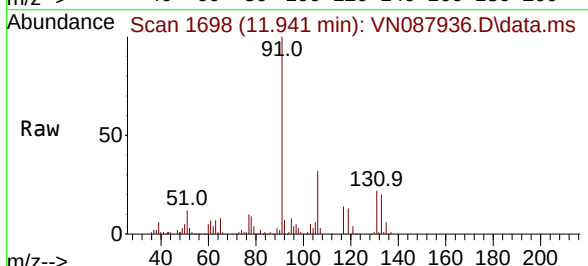
Tgt Ion:112 Resp: 161909
Ion Ratio Lower Upper
112 100
114 30.7 27.2 40.8

Manual Integrations
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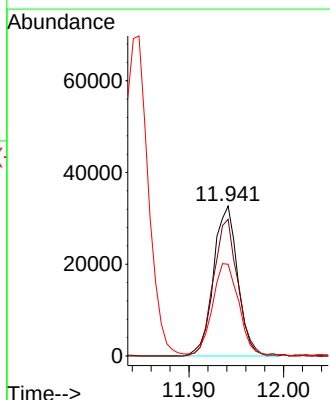
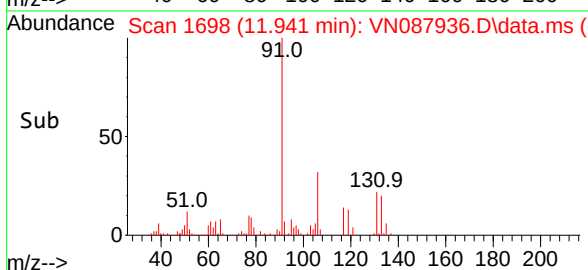
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

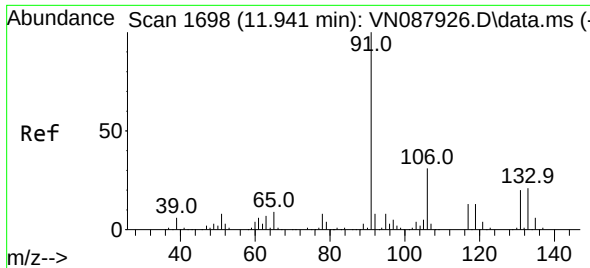


#66
1,1,1,2-Tetrachloroethane
Concen: 19.372 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08



Tgt Ion:131 Resp: 57835
Ion Ratio Lower Upper
131 100
133 93.0 48.4 145.0
119 68.3 31.9 95.5





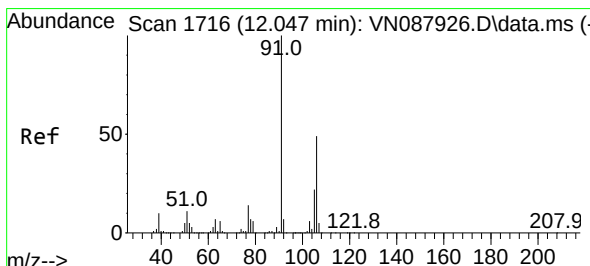
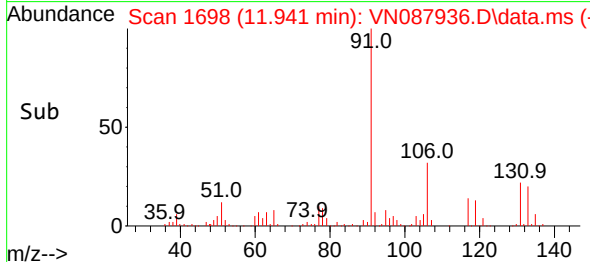
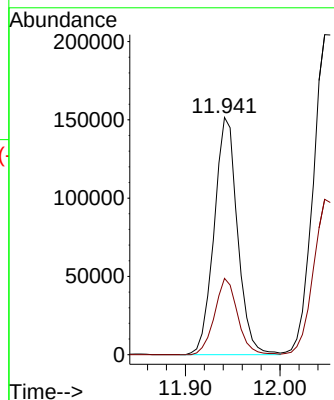
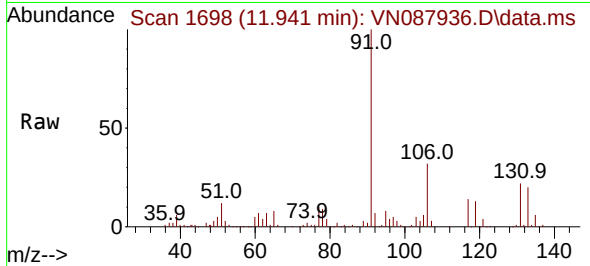
#67
Ethyl Benzene
Concen: 18.847 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tgt Ion: 91 Resp: 260358
Ion Ratio Lower Upper
91 100
106 32.2 25.2 37.8

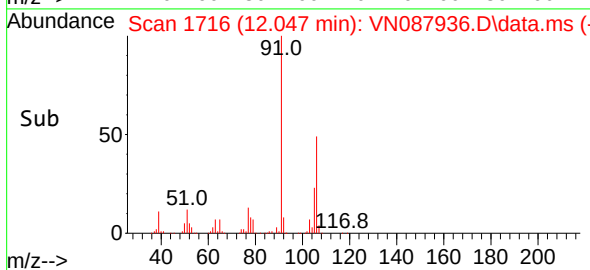
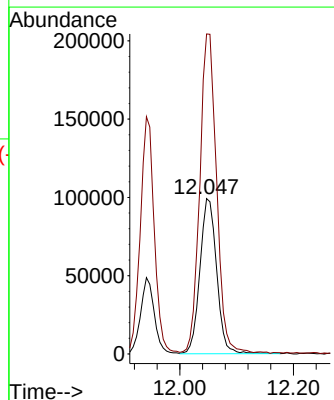
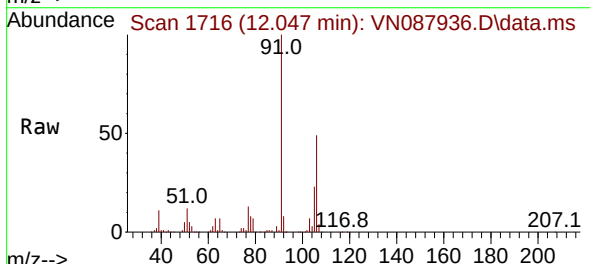
Manual Integrations
APPROVED

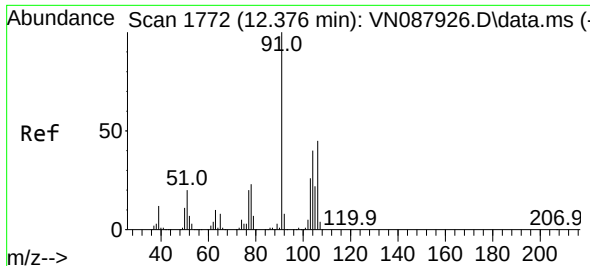
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#68
m/p-Xylenes
Concen: 38.392 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Tgt Ion:106 Resp: 202840
Ion Ratio Lower Upper
106 100
91 205.4 162.9 244.3





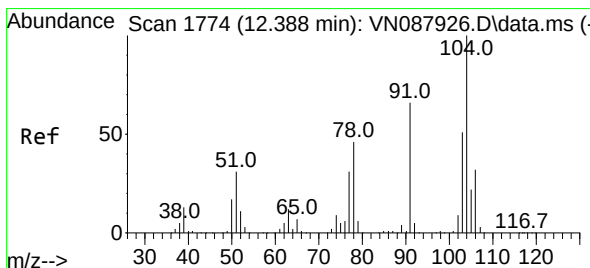
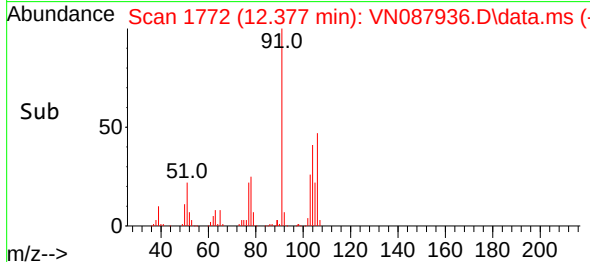
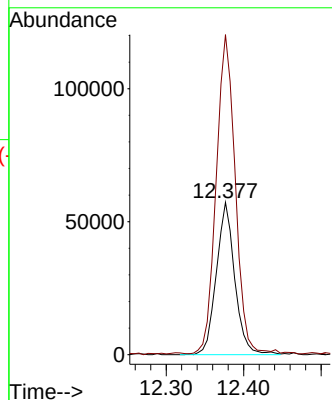
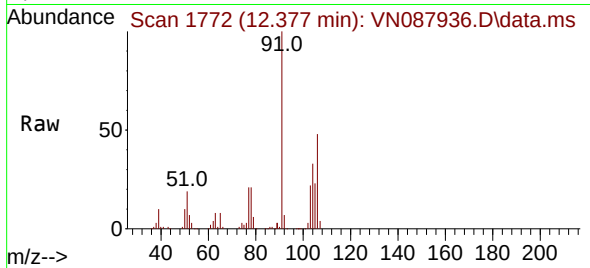
#69
o-Xylene
Concen: 18.674 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tgt Ion:106 Resp: 94788
Ion Ratio Lower Upper
106 100
91 217.3 108.2 324.6

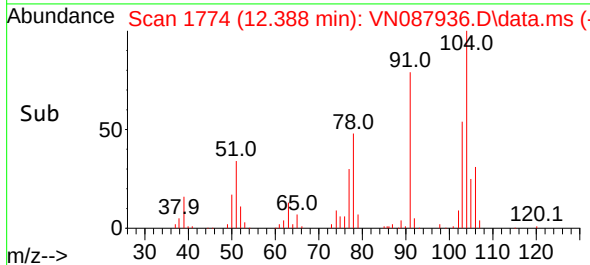
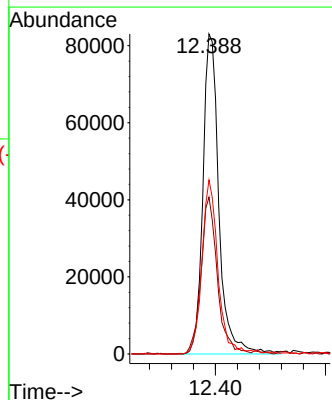
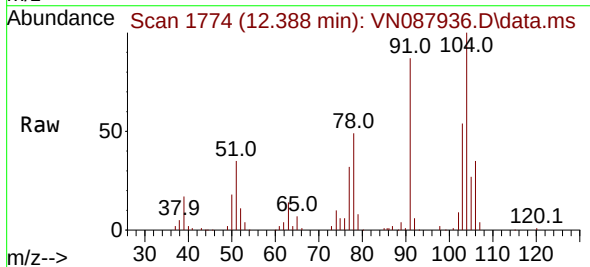
Manual Integrations
APPROVED

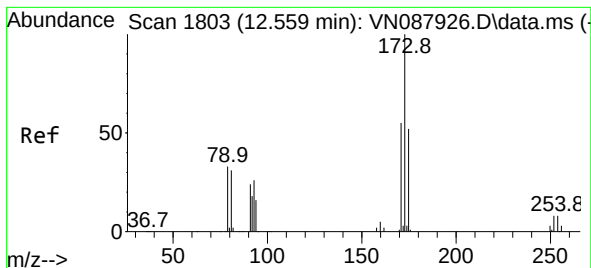
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#70
Styrene
Concen: 19.199 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Tgt Ion:104 Resp: 167376
Ion Ratio Lower Upper
104 100
78 49.9 39.7 59.5
103 54.1 44.6 67.0





#71

Bromoform

Concen: 19.157 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

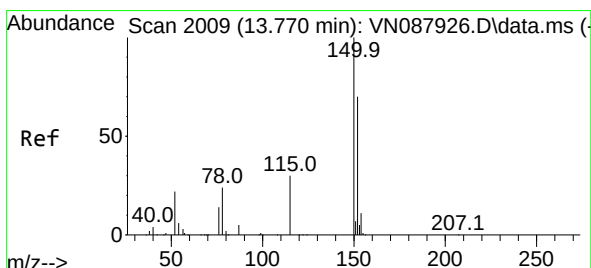
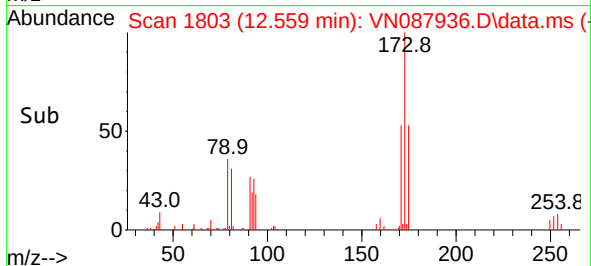
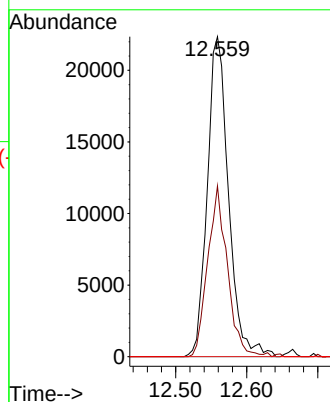
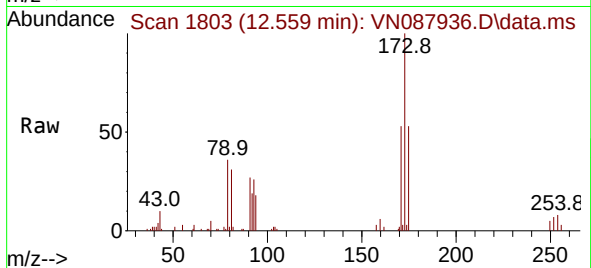
Tgt Ion:173	Resp:	46400
Ion Ratio	Lower	Upper
173	100	
175	49.7	23.7 71.1
254	0.0	0.1 0.1

Manual Integrations

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Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

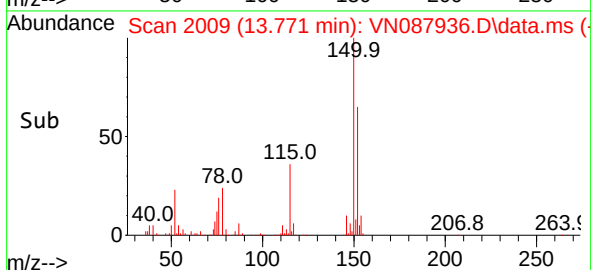
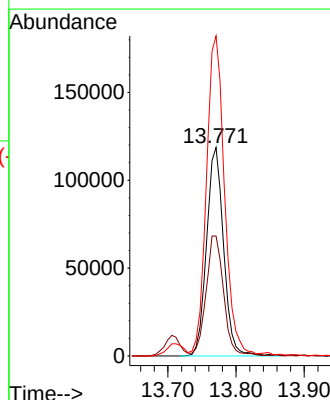
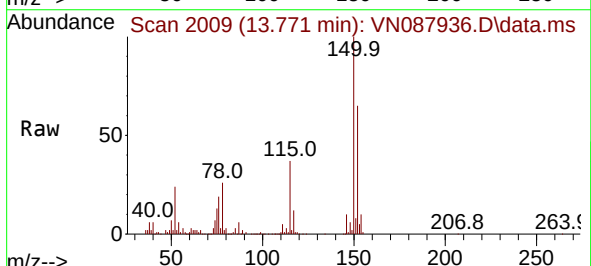
RT: 13.771 min Scan# 2009

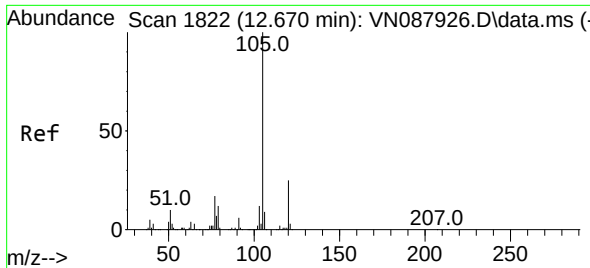
Delta R.T. 0.000 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

Tgt Ion:152	Resp:	206895
Ion Ratio	Lower	Upper
152	100	
115	58.7	29.9 89.7
150	159.7	0.0 335.0





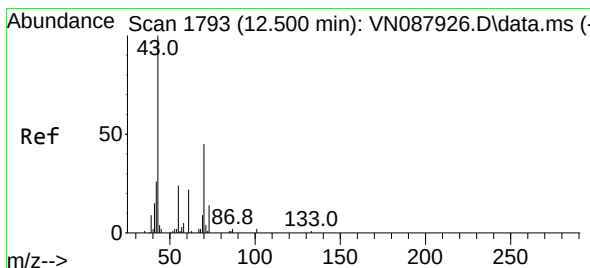
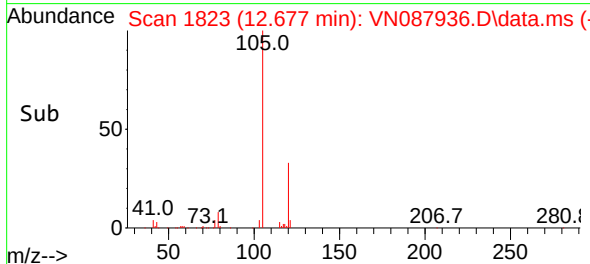
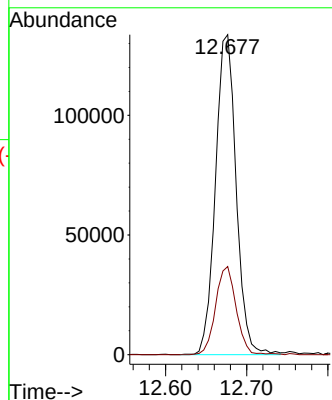
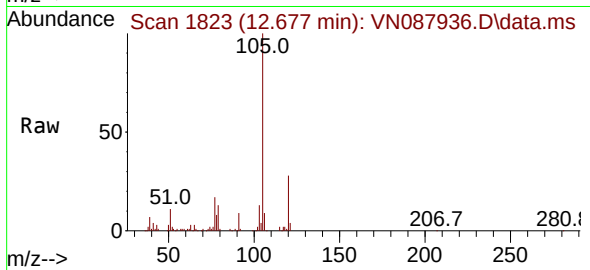
#73
Isopropylbenzene
Concen: 18.484 ug/l
RT: 12.677 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tgt Ion:105 Resp: 237012
Ion Ratio Lower Upper
105 100
120 27.4 13.1 39.1

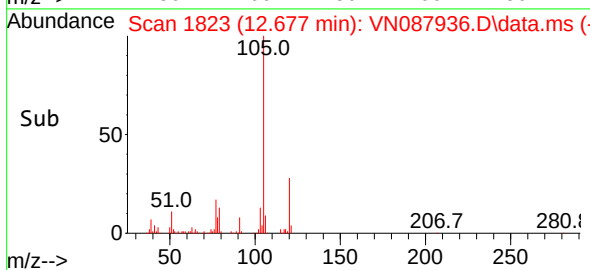
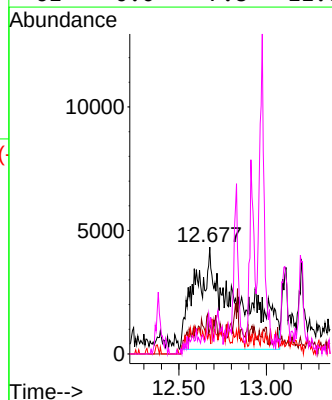
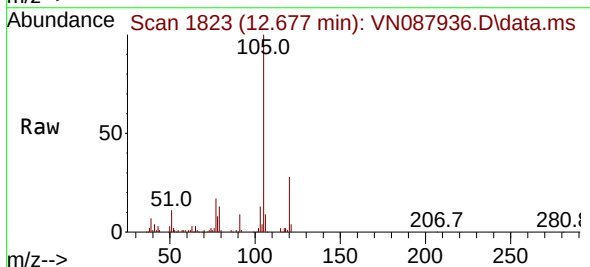
Manual Integrations
APPROVED

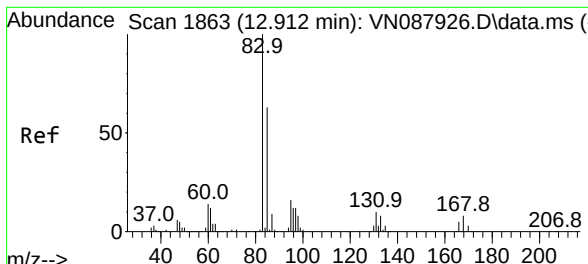
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#74
N-ethyl acetate
Concen: 16.470 ug/l m
RT: 12.677 min Scan# 1823
Delta R.T. 0.177 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Tgt Ion: 43 Resp: 69584
Ion Ratio Lower Upper
43 100
70 0.0 19.8 29.8#
55 0.1 9.6 14.4#
61 0.0 7.8 11.6#





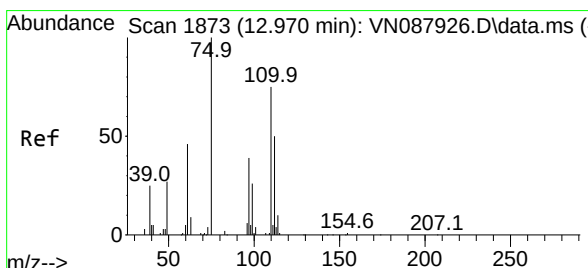
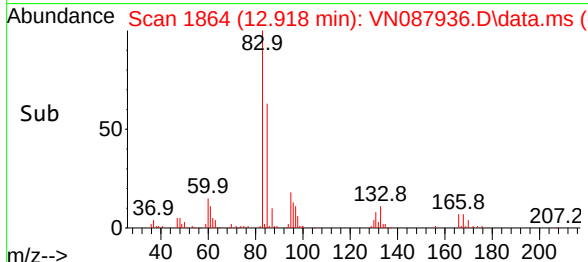
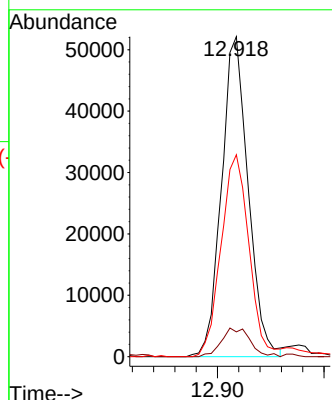
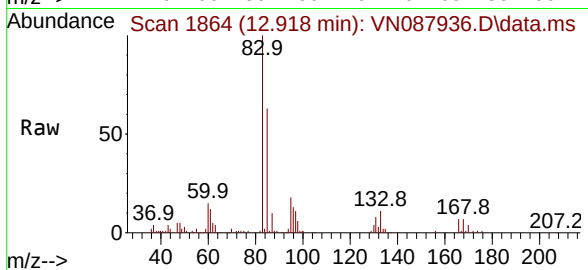
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.594 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VN087936.D
 Acq: 24 Sep 2025 10:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01

Tgt Ion: 83 Resp: 90524
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.2 15.6
 85 66.1 32.4 97.0

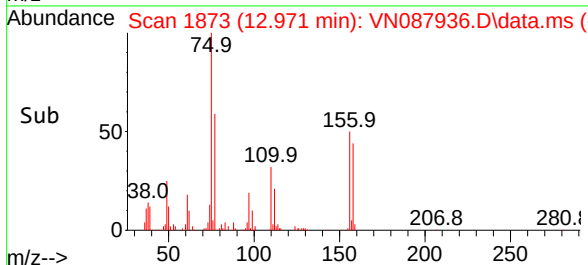
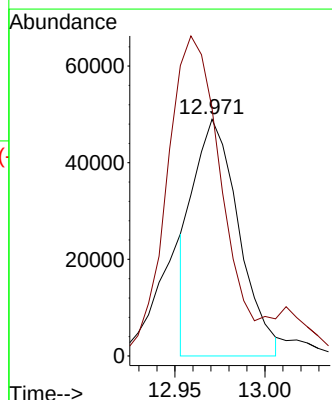
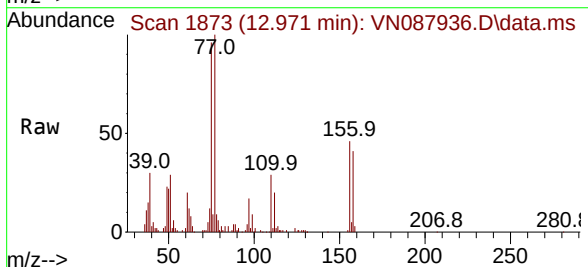
Manual Integrations
 APPROVED

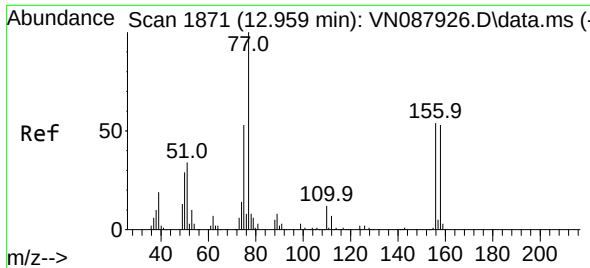
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#76
 1,2,3-Trichloropropane
 Concen: 21.191 ug/l m
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN087936.D
 Acq: 24 Sep 2025 10:08

Tgt Ion: 75 Resp: 86424
 Ion Ratio Lower Upper
 75 100
 77 167.2 89.5 268.5





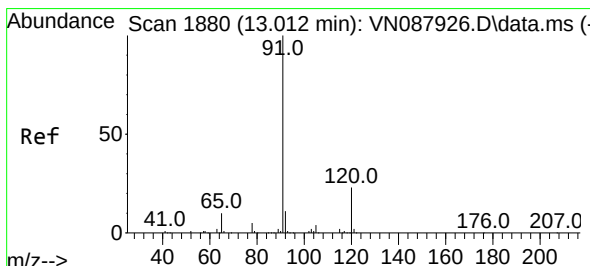
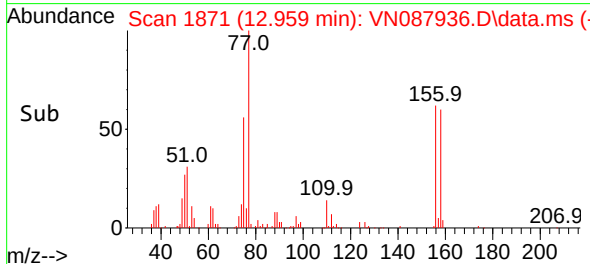
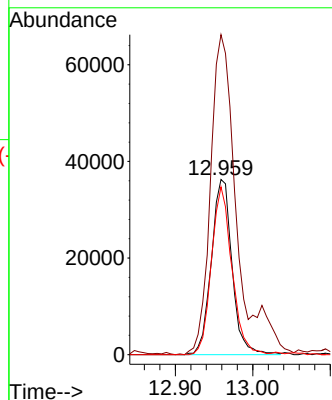
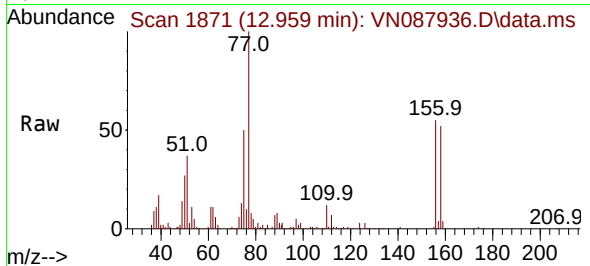
#77
Bromobenzene
Concen: 19.796 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01

Tgt Ion:156 Resp: 67539
Ion Ratio Lower Upper
156 100
77 214.0 108.2 324.6
158 94.6 49.6 149.0

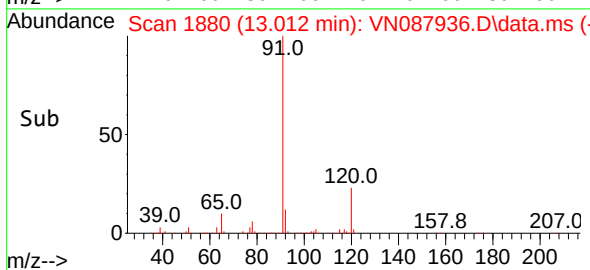
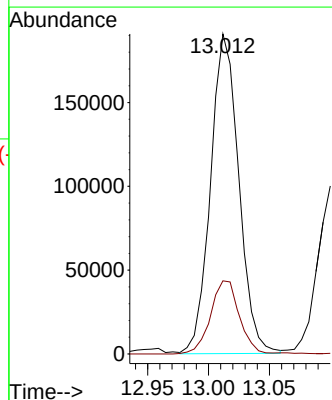
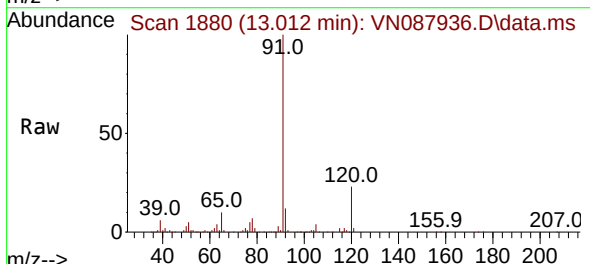
Manual Integrations
APPROVED

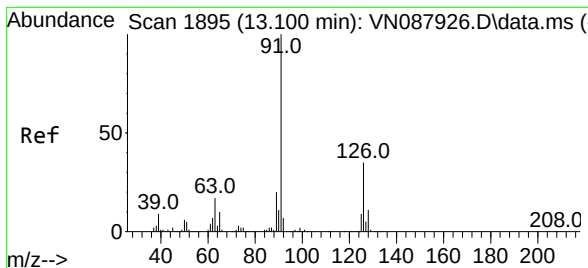
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#78
n-propylbenzene
Concen: 19.228 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

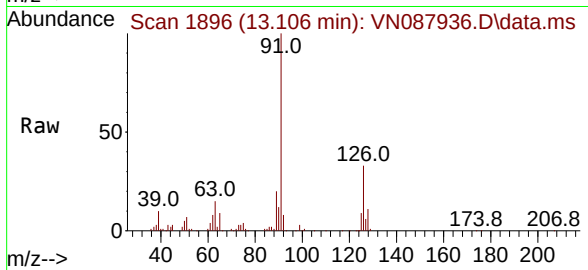
Tgt Ion: 91 Resp: 308254
Ion Ratio Lower Upper
91 100
120 23.2 11.1 33.1





#79
2-Chlorotoluene
Concen: 19.036 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

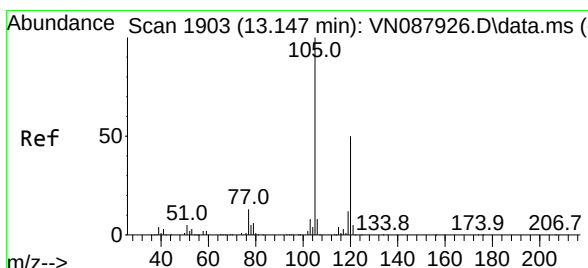
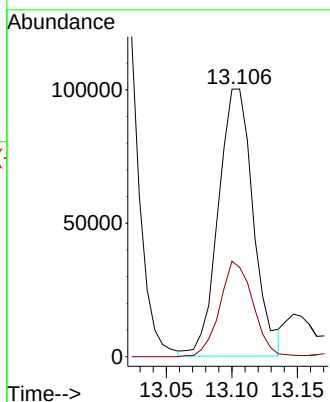
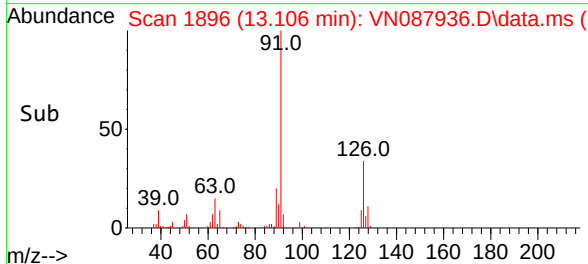
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



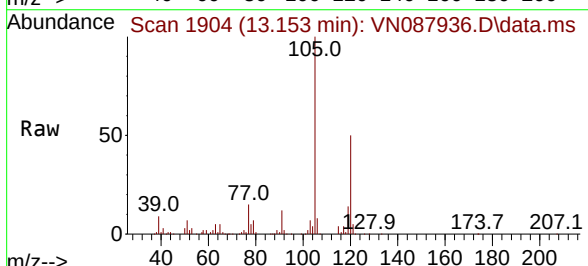
Tgt Ion: 91 Resp: 18582
Ion Ratio Lower Upper
91 100
126 34.0 16.6 49.8

Manual Integrations
APPROVED

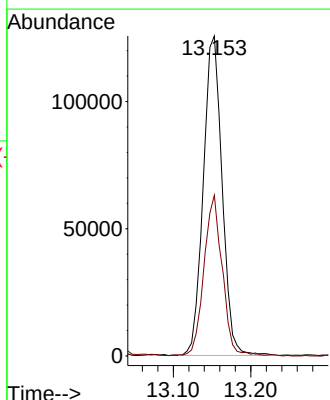
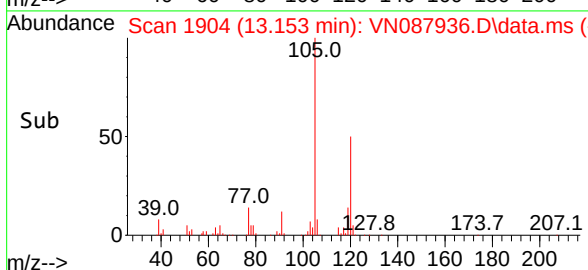
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

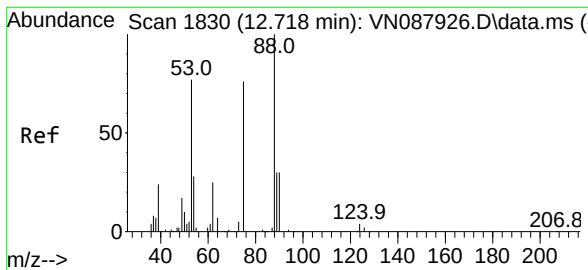


#80
1,3,5-Trimethylbenzene
Concen: 19.140 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08



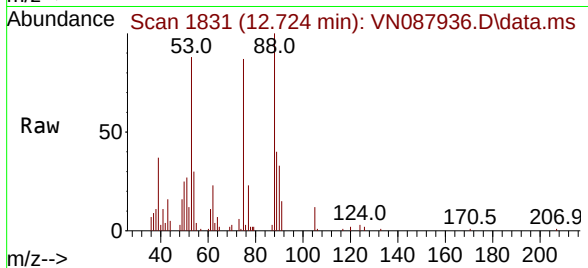
Tgt Ion:105 Resp: 212286
Ion Ratio Lower Upper
105 100
120 48.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 17.995 ug/l
RT: 12.724 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

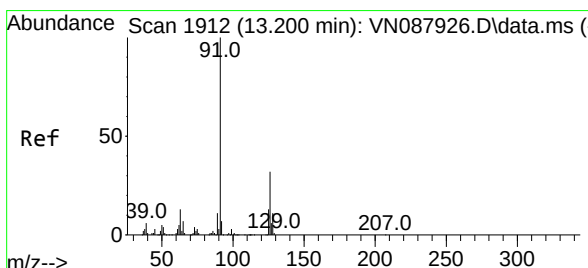
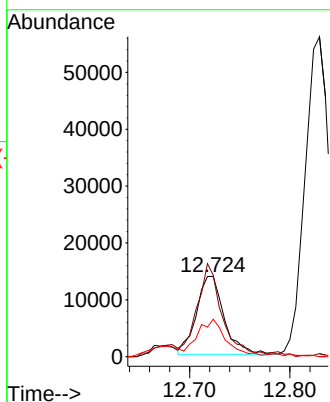
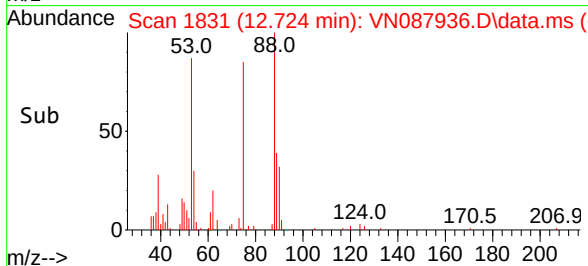
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.2	82.0	123.0
89	48.0	36.1	54.1

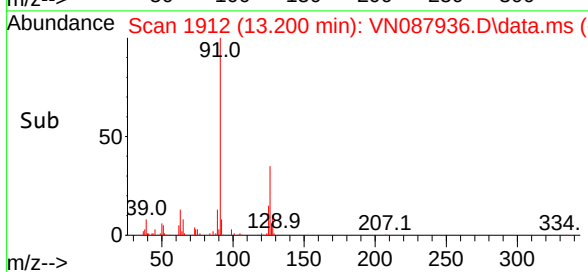
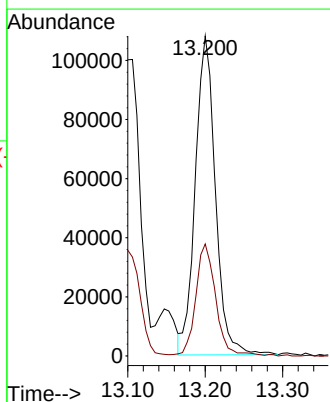
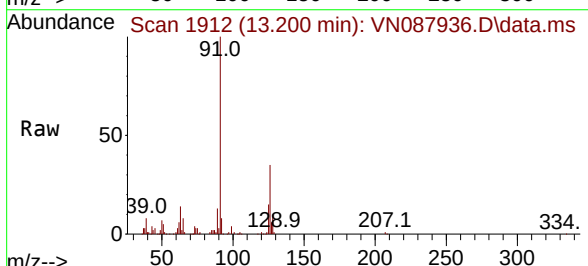
Manual Integrations
APPROVED

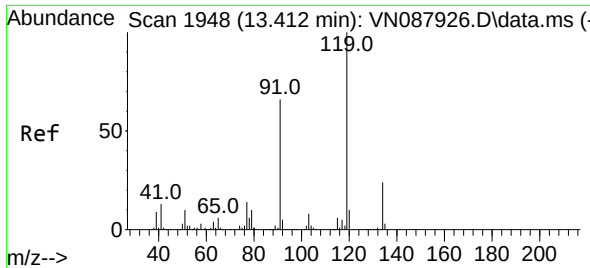
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#82
4-Chlorotoluene
Concen: 19.771 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

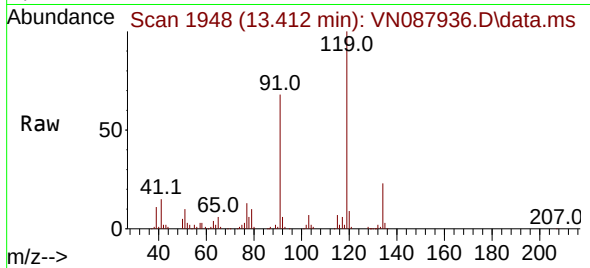
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.9	50.6





#83
 tert-Butylbenzene
 Concen: 18.987 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VN087936.D
 Acq: 24 Sep 2025 10:08

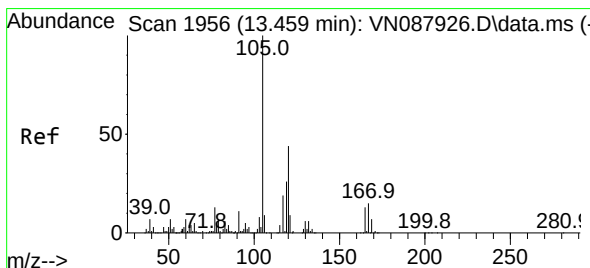
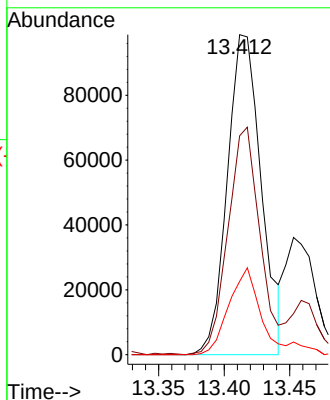
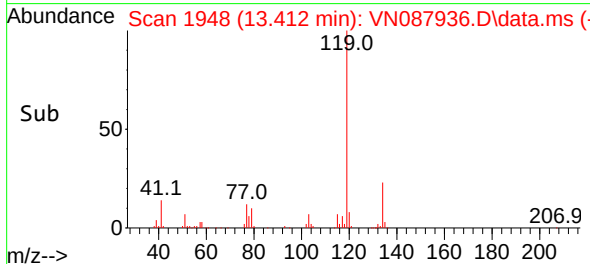
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01



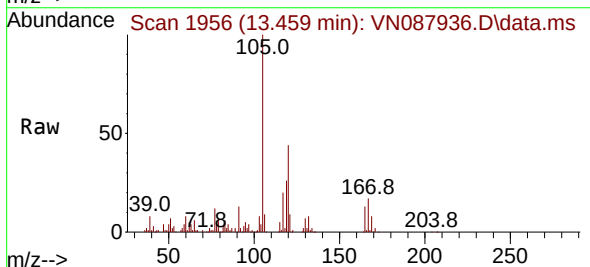
Tgt Ion:119 Resp: 178240
 Ion Ratio Lower Upper
 119 100
 91 66.6 32.1 96.3
 134 24.8 12.3 36.8

Manual Integrations
 APPROVED

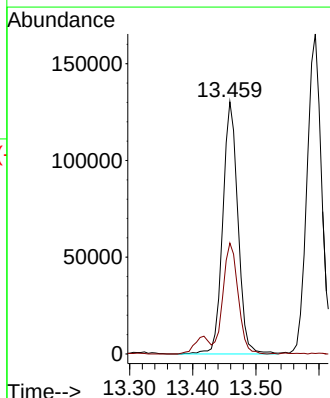
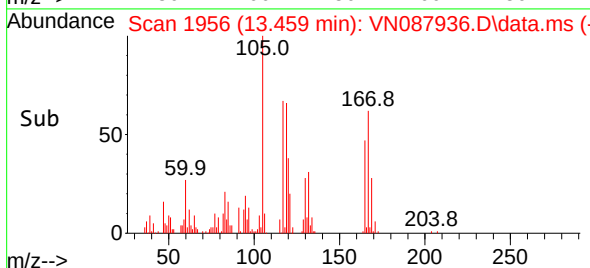
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025

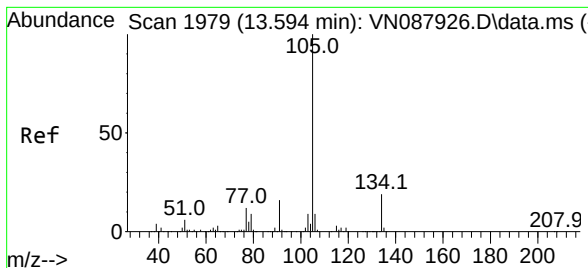


#84
 1,2,4-Trimethylbenzene
 Concen: 19.157 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087936.D
 Acq: 24 Sep 2025 10:08



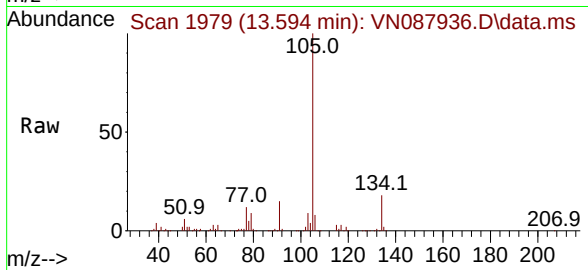
Tgt Ion:105 Resp: 217940
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 19.383 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087936.D
 Acq: 24 Sep 2025 10:08

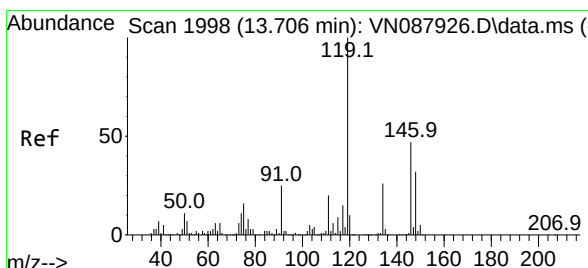
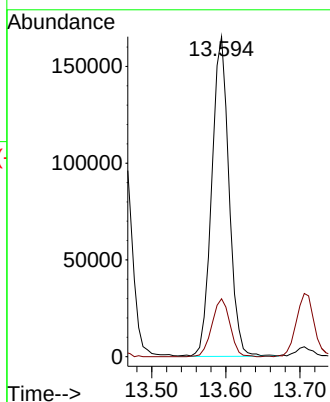
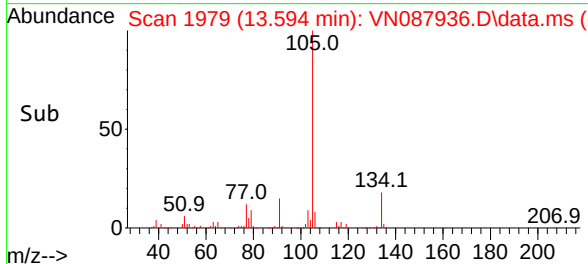
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01



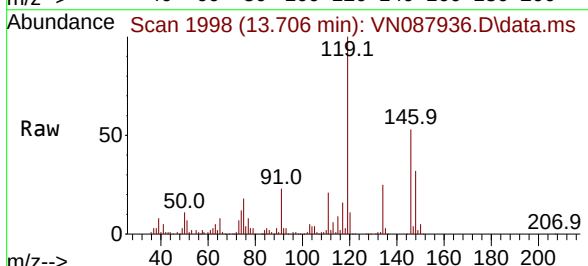
Tgt Ion:105 Resp: 266788
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.8

Manual Integrations
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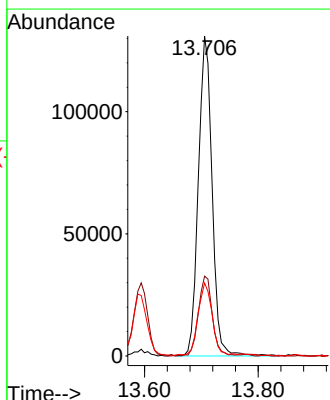
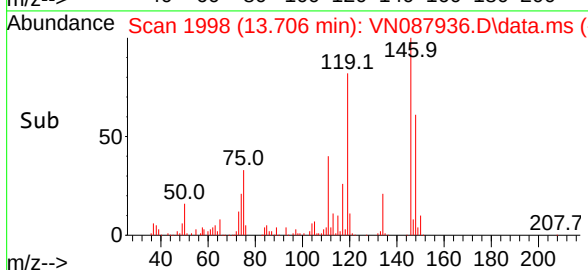
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025

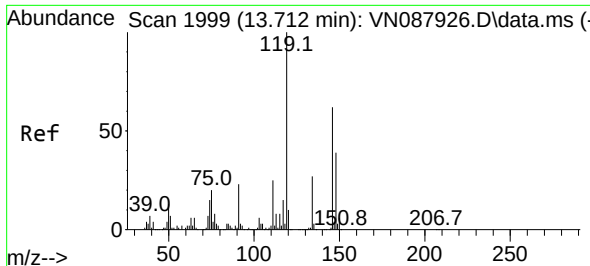


#86
 p-Isopropyltoluene
 Concen: 18.858 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087936.D
 Acq: 24 Sep 2025 10:08



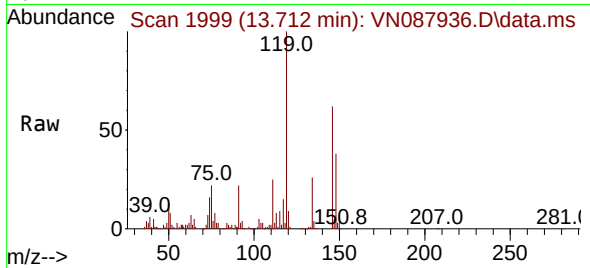
Tgt Ion:119 Resp: 219833
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.1 39.3
 91 23.4 11.9 35.5





#87
 1,3-Dichlorobenzene
 Concen: 19.531 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN087936.D
 Acq: 24 Sep 2025 10:08

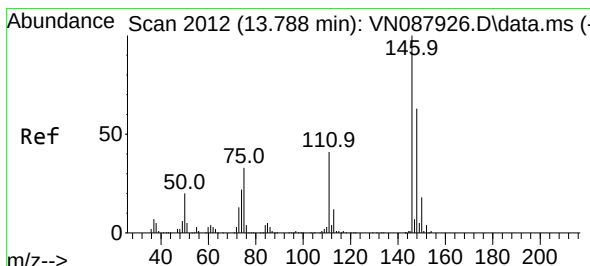
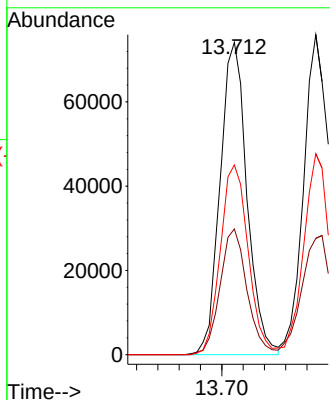
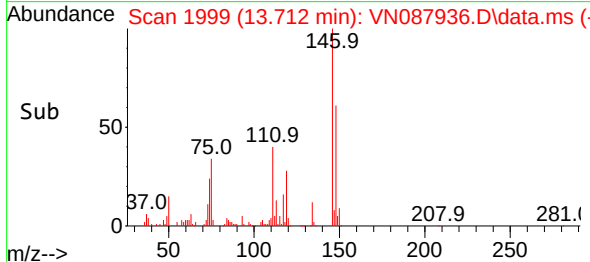
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0924WBS01



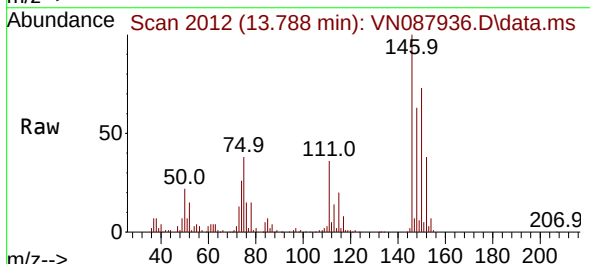
Tgt Ion:146 Resp: 130030
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 60.8
 148 62.6 32.4 97.2

Manual Integrations
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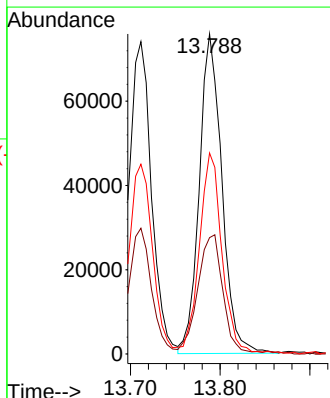
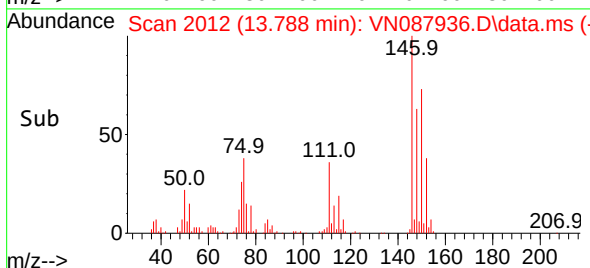
Reviewed By :John Carlone 09/25/2025
 Supervised By :Mahesh Dadoda 09/26/2025

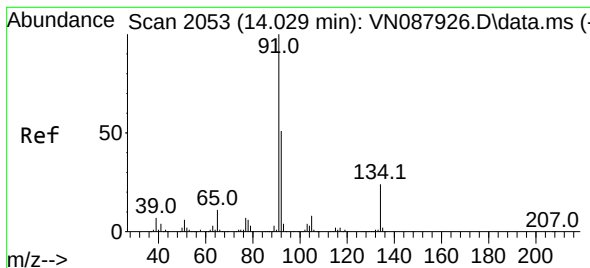


#88
 1,4-Dichlorobenzene
 Concen: 19.396 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN087936.D
 Acq: 24 Sep 2025 10:08



Tgt Ion:146 Resp: 132712
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.5 61.5
 148 63.2 32.8 98.4





#89

n-Butylbenzene

Concen: 18.890 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

Instrument :

MSVOA_N

ClientSampleId :

VN0924WBS01

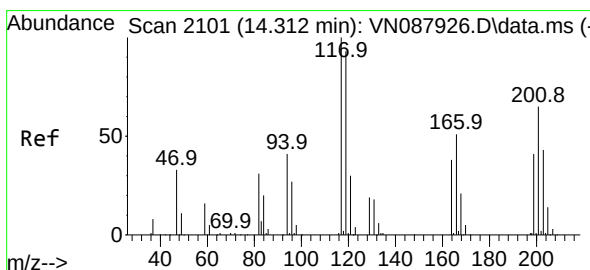
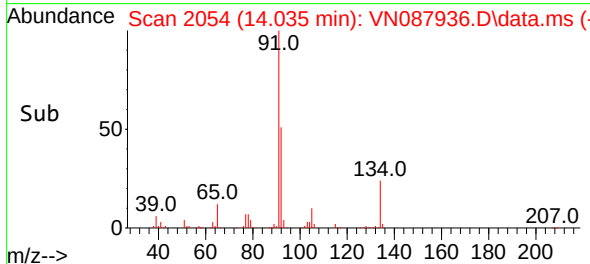
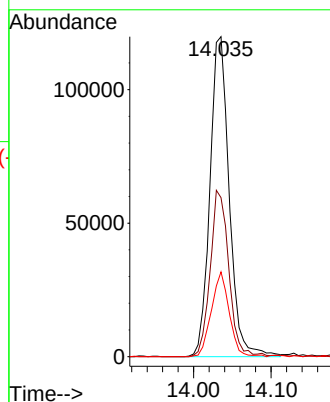
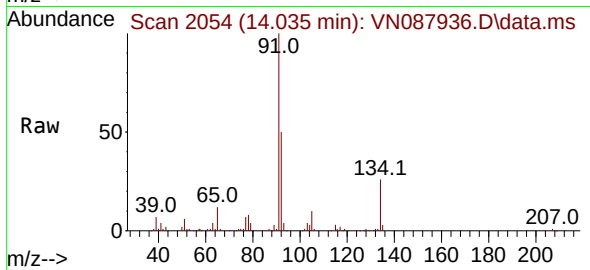
Tgt Ion:	91	Resp:	20811
Ion Ratio	Lower	Upper	
91	100		
92	50.1	25.9	77.8
134	24.5	12.6	37.8

Manual Integrations

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Reviewed By :John Carlone 09/25/2025

Supervised By :Mahesh Dadoda 09/26/2025



#90

Hexachloroethane

Concen: 18.624 ug/l

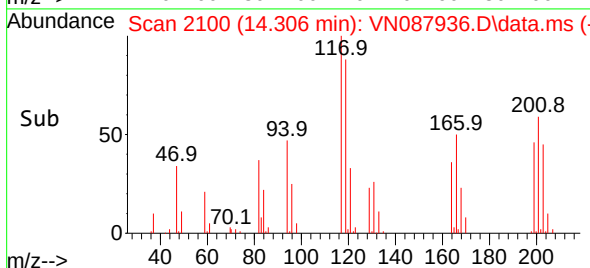
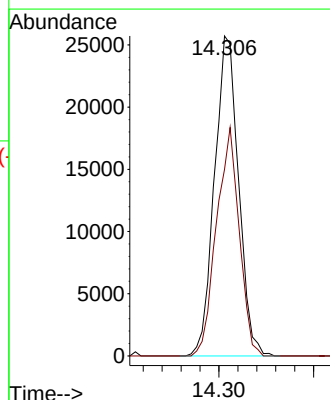
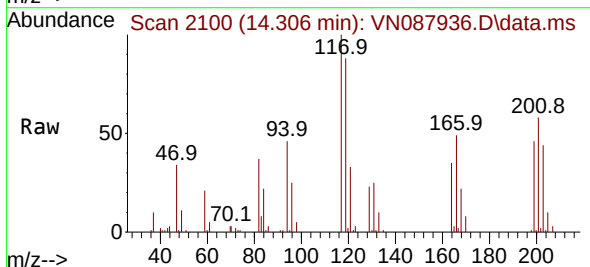
RT: 14.306 min Scan# 2100

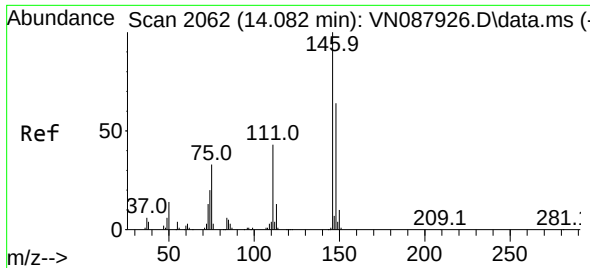
Delta R.T. -0.006 min

Lab File: VN087936.D

Acq: 24 Sep 2025 10:08

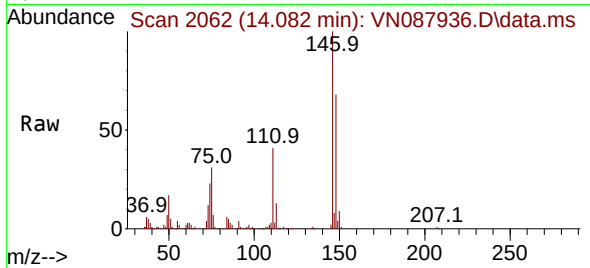
Tgt Ion:	117	Resp:	45352
Ion Ratio	Lower	Upper	
117	100		
201	67.5	33.6	100.6





#91
1,2-Dichlorobenzene
Concen: 19.453 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

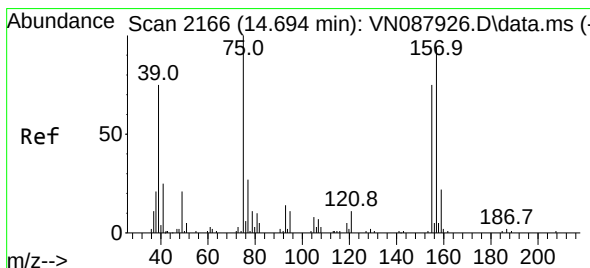
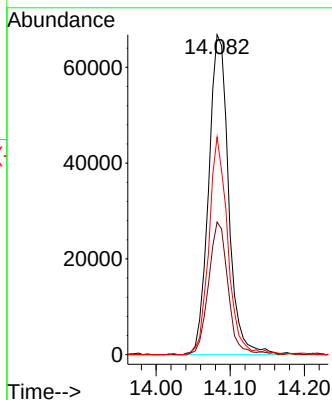
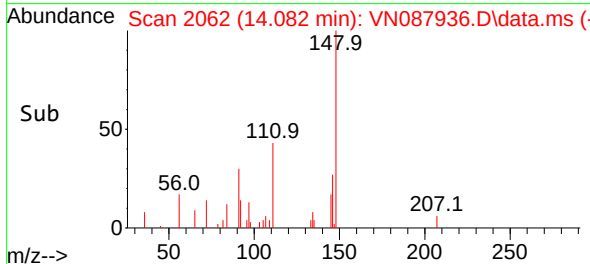
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



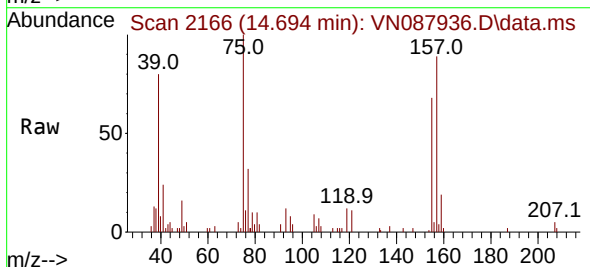
Tgt Ion:146 Resp: 12483
Ion Ratio Lower Upper
146 100
111 40.6 20.9 62.7
148 64.6 31.9 95.9

Manual Integrations
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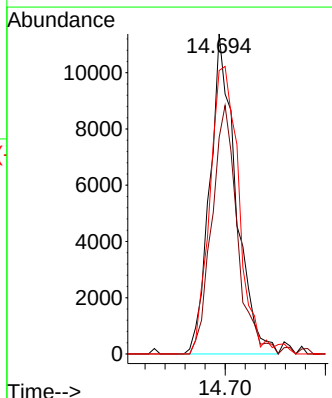
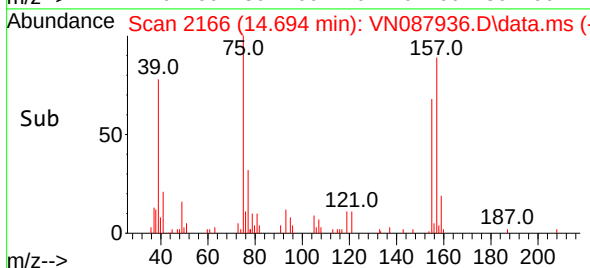
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

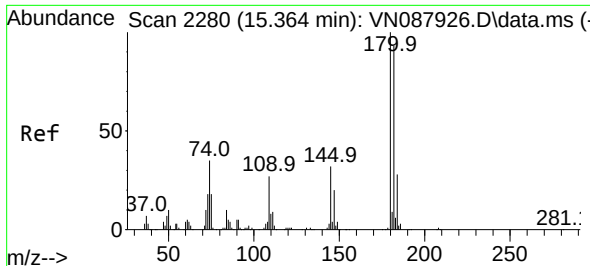


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.174 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08



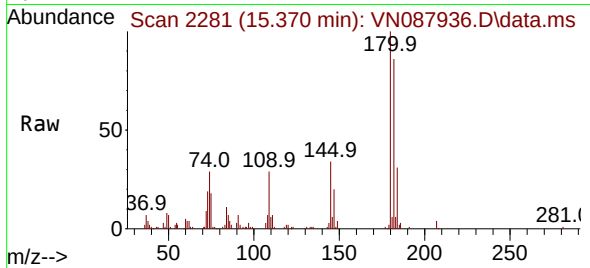
Tgt Ion: 75 Resp: 20584
Ion Ratio Lower Upper
75 100
155 75.7 40.2 120.6
157 100.8 50.9 152.7





#93
1,2,4-Trichlorobenzene
Concen: 19.290 ug/l
RT: 15.370 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

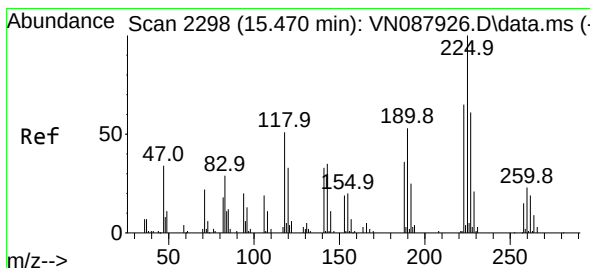
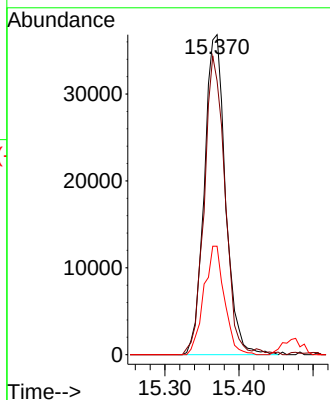
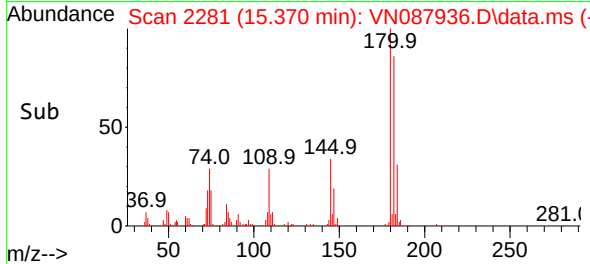
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



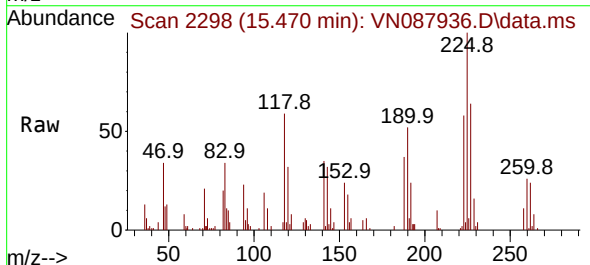
Tgt Ion:180 Resp: 7309
Ion Ratio Lower Upper
180 100
182 90.7 48.5 145.5
145 32.8 15.9 47.6

Manual Integrations
APPROVED

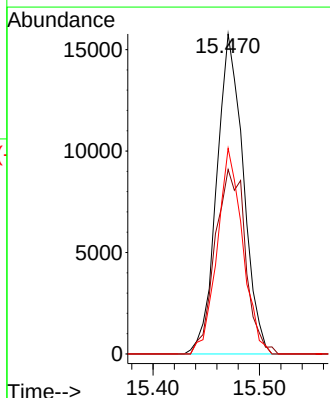
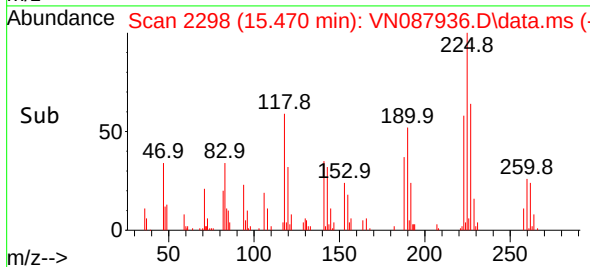
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

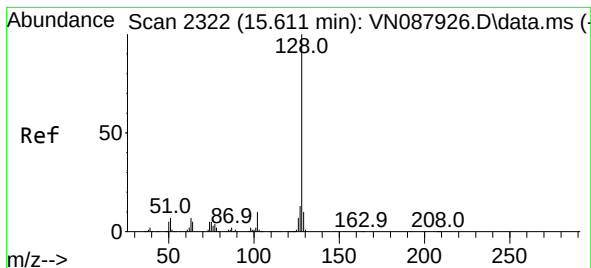


#94
Hexachlorobutadiene
Concen: 19.579 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08



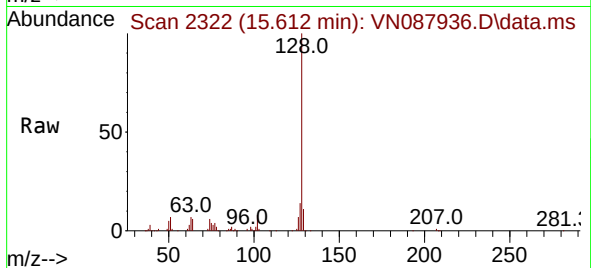
Tgt Ion:225 Resp: 27305
Ion Ratio Lower Upper
225 100
223 65.8 31.8 95.4
227 61.7 31.9 95.9





#95
Naphthalene
Concen: 18.270 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08

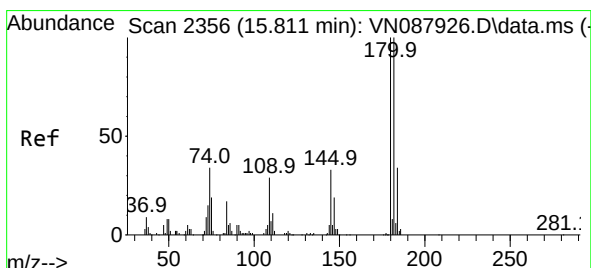
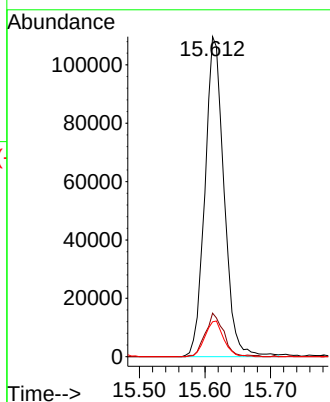
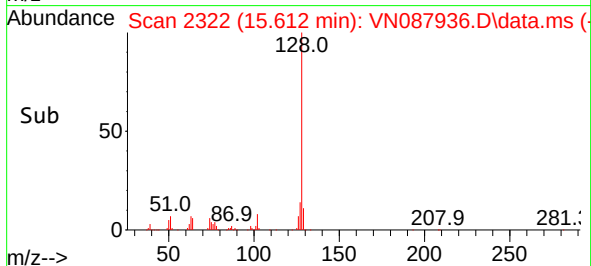
Instrument :
MSVOA_N
ClientSampleId :
VN0924WBS01



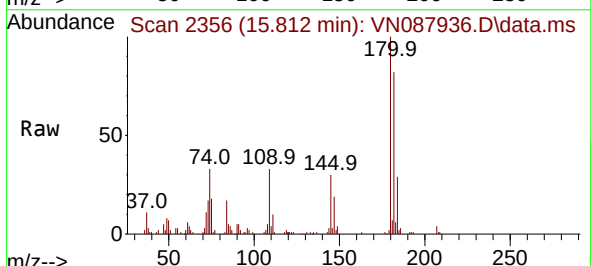
Tgt Ion:128 Resp: 222219
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.237 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN087936.D
Acq: 24 Sep 2025 10:08



Tgt Ion:180 Resp: 70864
Ion Ratio Lower Upper
180 100
182 87.7 47.3 142.0
145 33.2 16.1 48.3

