

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN087014.D
 Acq On : 13 Jun 2025 19:51
 Operator : JC\MD
 Sample : Q2302-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 250611078-02-VOARE

Quant Time: Jun 14 00:35:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	194559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	391285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	172357	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	143349	55.030	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.060%	
35) Dibromofluoromethane	8.177	113	117876	50.834	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.660%	
50) Toluene-d8	10.571	98	486367	52.983	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.960%	
62) 4-Bromofluorobenzene	12.847	95	178943	52.468	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.940%	

Target Compounds						Qvalue
4) Vinyl Chloride	2.553	62	1632	0.632	ug/l #	74
8) Diethyl Ether	3.989	74	6195	4.211	ug/l	98
11) Tert butyl alcohol	5.536	59	5696001	8058.605	ug/l	99
14) Allyl chloride	4.953	41	39788	11.079	ug/l #	40
15) Acrylonitrile	5.536	53	38292	23.178	ug/l #	21
16) Acetone	4.442	43	412948	298.931	ug/l	98
17) Carbon Disulfide	4.742	76	21971	3.668	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	23767	3.031	ug/l	96
25) 2-Butanone	7.494	43	676381	301.223	ug/l	97
26) 2,2-Dichloropropane	7.441	77	224262	66.176	ug/l #	52
27) cis-1,2-Dichloroethene	7.500	96	4139	1.436	ug/l #	17
28) Bromochloromethane	7.847	49	1848	0.863	ug/l #	13
29) Tetrahydrofuran	7.847	42	1077967	736.946	ug/l	95
31) Cyclohexane	8.230	56	3776	0.894	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	16246	4.702	ug/l #	48
37) Ethyl Acetate	7.494	43	676381	153.772	ug/l #	66
38) Carbon Tetrachloride	8.230	117	19050	5.616	ug/l #	16
40) Benzene	8.612	78	66077	5.848	ug/l	100
41) Methacrylonitrile	7.847	41	573255	232.059	ug/l #	40
42) 1,2-Dichloroethane	8.671	62	3573	1.043	ug/l #	72
43) Isopropyl Acetate	8.659	43	18564	2.630	ug/l #	1
45) 1,2-Dichloropropane	9.624	63	876	0.319	ug/l	90
48) Methyl methacrylate	9.671	41	1504	0.463	ug/l #	36
49) 1,4-Dioxane	9.706	88	5403	91.401	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	33325	7.841	ug/l	87
52) Toluene	10.629	92	117077	16.955	ug/l	99
55) 1,1,2-Trichloroethane	10.882	97	4460	1.679	ug/l #	14
59) 2-Hexanone	11.070	43	17604	6.430	ug/l	68
65) Chlorobenzene	11.894	112	26534	3.348	ug/l	99
67) Ethyl Benzene	11.965	91	242492	17.763	ug/l	100
68) m/p-Xylenes	12.065	106	88981	17.027	ug/l	98
69) o-Xylene	12.400	106	46826	9.356	ug/l	99
70) Styrene	12.406	104	7401	0.864	ug/l #	8
71) Bromoform	12.853	173	852	0.451	ug/l #	1
73) Isopropylbenzene	12.694	105	29376	2.340	ug/l	97
74) N-amyl acetate	12.482	43	2291	0.522	ug/l #	63

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

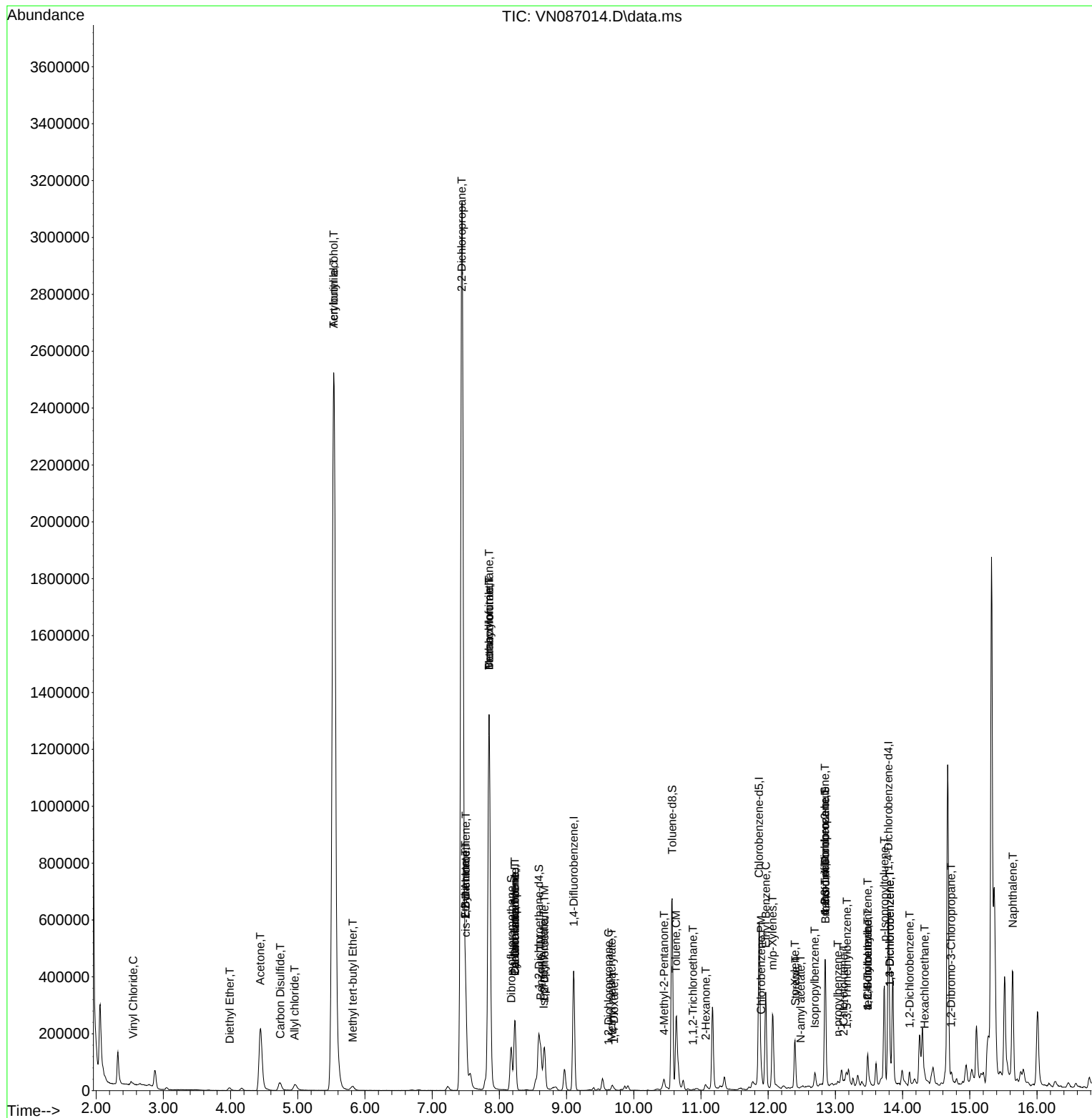
76) 1,2,3-Trichloropropane	12.847	75	81971	20.008	ug/l #	1
78) n-propylbenzene	13.035	91	13690	0.897	ug/l	96
79) 2-Chlorotoluene	13.123	91	4444	0.486	ug/l	89
80) 1,3,5-Trimethylbenzene	13.170	105	15371	1.483	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	81971	46.057	ug/l #	16
82) 4-Chlorotoluene	13.482	91	6017	0.650	ug/l	74
83) tert-Butylbenzene	13.482	119	7483	0.789	ug/l #	49
84) 1,2,4-Trimethylbenzene	13.482	105	57257	5.508	ug/l	100
86) p-Isopropyltoluene	13.729	119	207851	18.246	ug/l	99
87) 1,3-Dichlorobenzene	13.812	146	24483	4.321	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	24483	4.239	ug/l	92
90) Hexachloroethane	14.329	117	662	0.343	ug/l #	17
91) 1,2-Dichlorobenzene	14.106	146	1508	0.277	ug/l #	81
92) 1,2-Dibromo-3-Chloropr...	14.723	75	535	0.526	ug/l #	2
95) Naphthalene	15.641	128	387562	29.956	ug/l	100

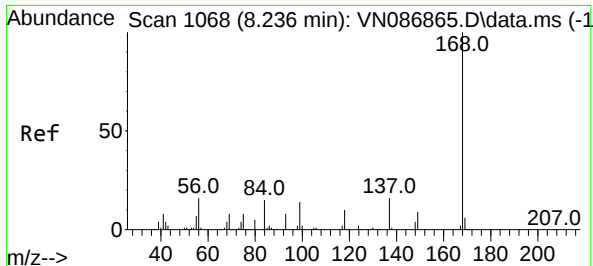
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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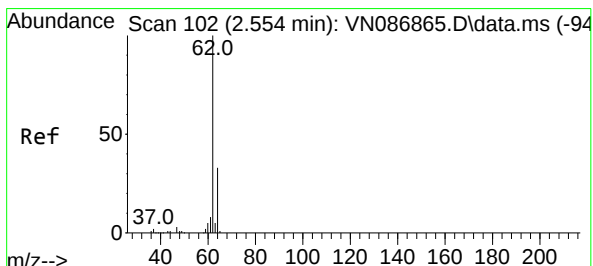
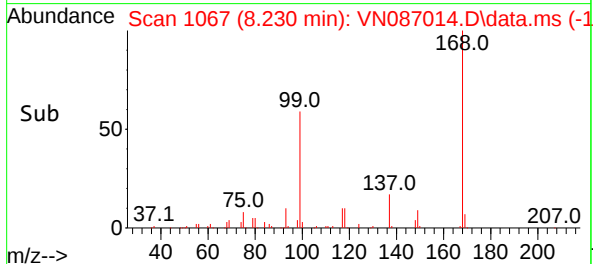
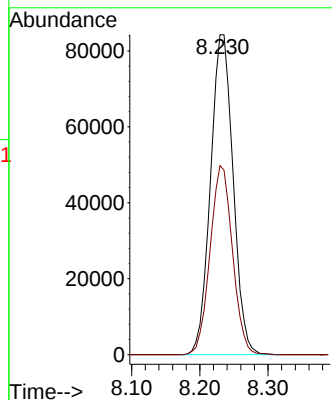
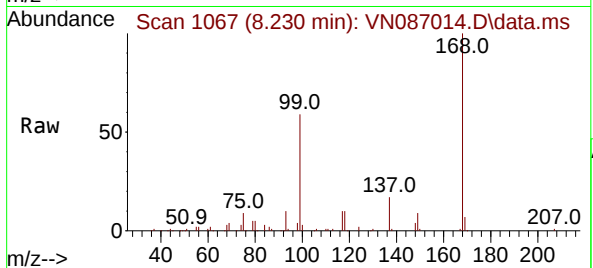




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

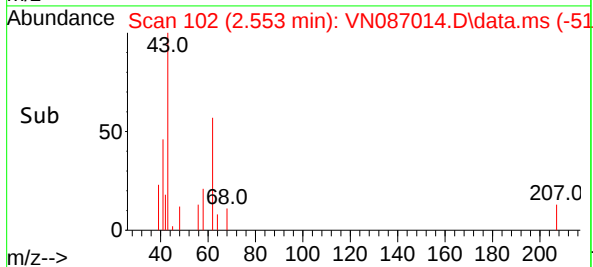
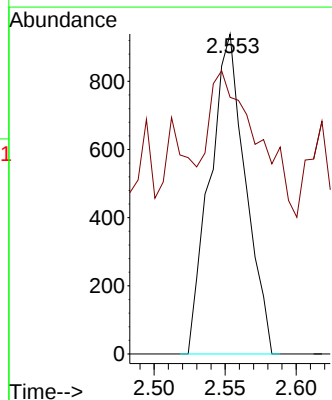
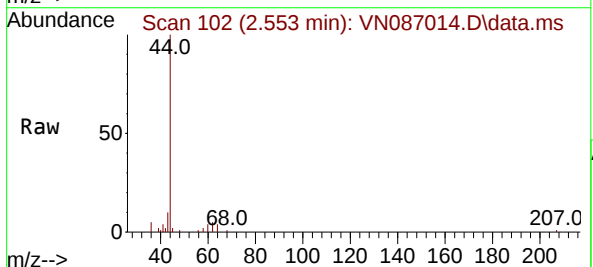
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

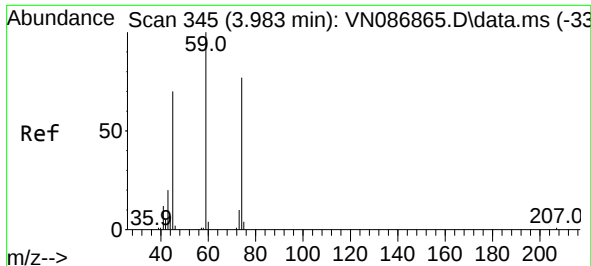
Tgt Ion:168 Resp: 194559
Ion Ratio Lower Upper
168 100
99 59.1 49.1 73.7



#4
Vinyl Chloride
Concen: 0.632 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 62 Resp: 1632
Ion Ratio Lower Upper
62 100
64 18.0 26.0 39.0#

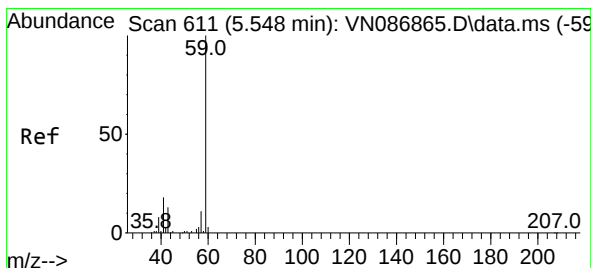
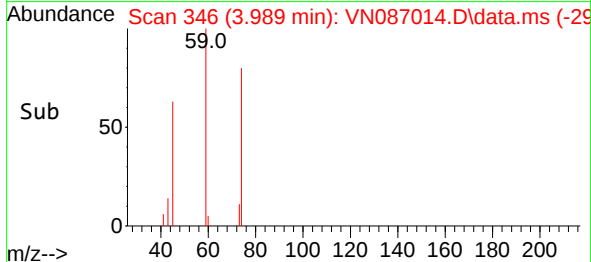
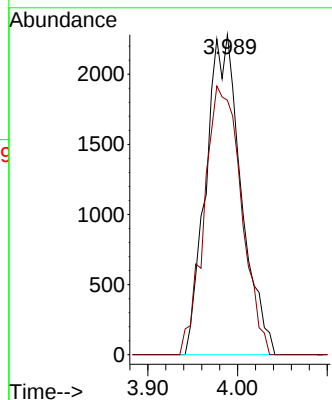
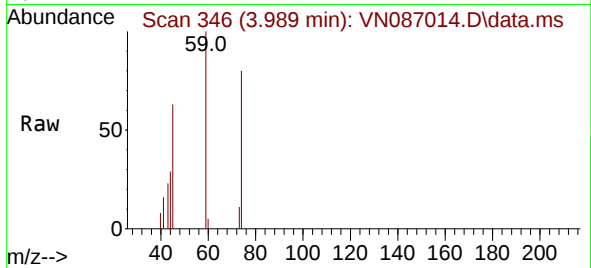




#8
Diethyl Ether
Concen: 4.211 ug/l
RT: 3.989 min Scan# 345
Delta R.T. 0.006 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

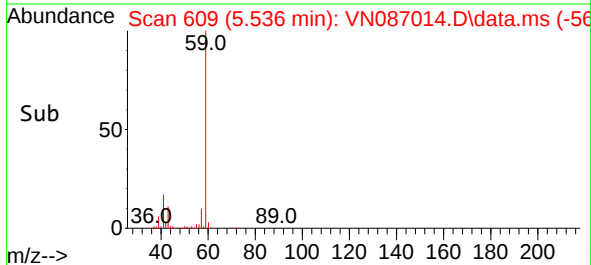
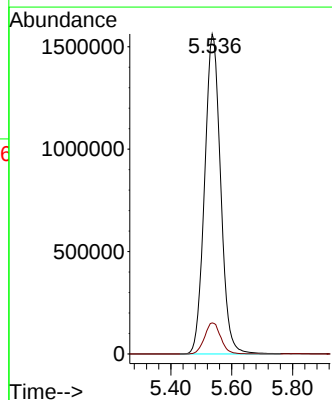
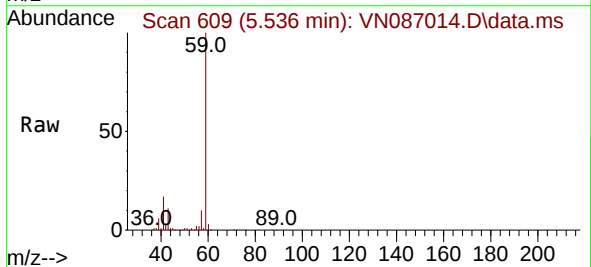
Instrument :
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250611078-02-VOARE

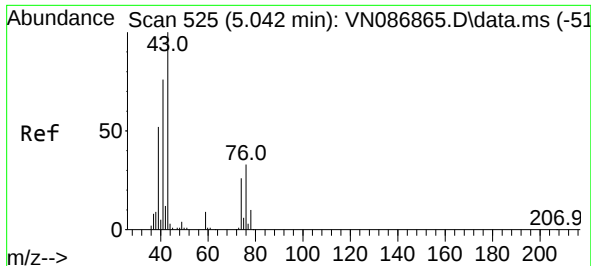
Tgt Ion: 74 Resp: 6195
Ion Ratio Lower Upper
74 100
45 88.7 45.5 136.5



#11
Tert butyl alcohol
Concen: 8058.605 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087014.D
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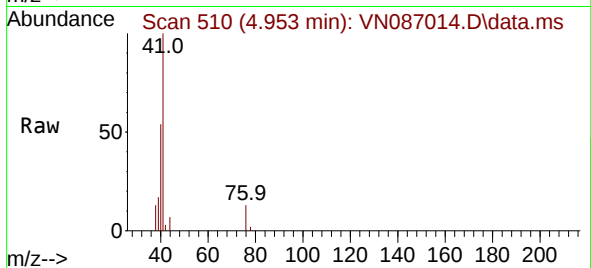
Tgt Ion: 59 Resp: 5696001
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1



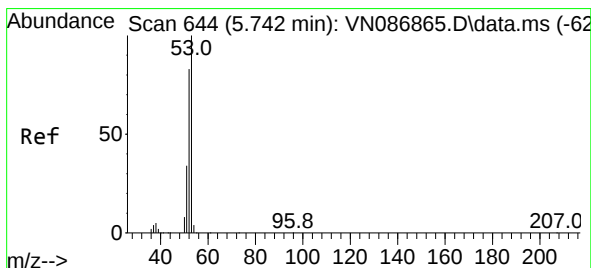
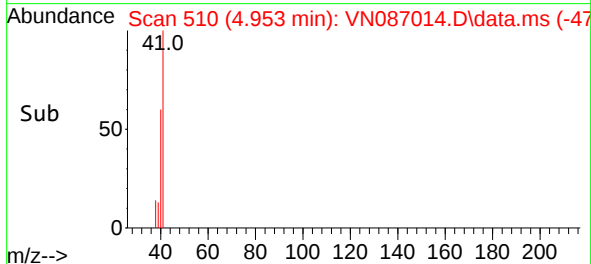
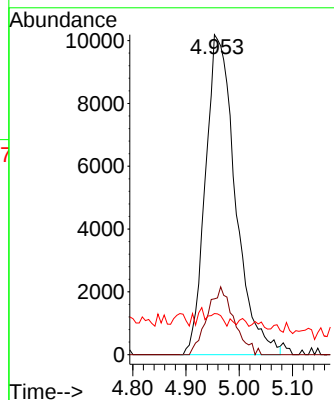


#14
 Allyl chloride
 Concen: 11.079 ug/l
 RT: 4.953 min Scan# 51
 Delta R.T. -0.088 min
 Lab File: VN087014.D
 Acq: 13 Jun 2025 19:51

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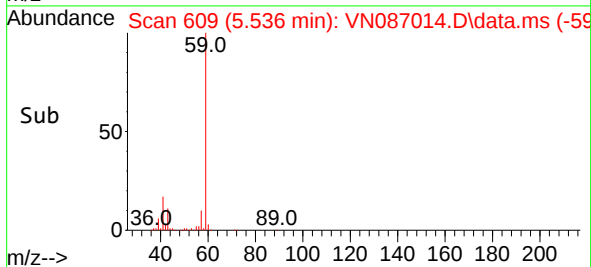
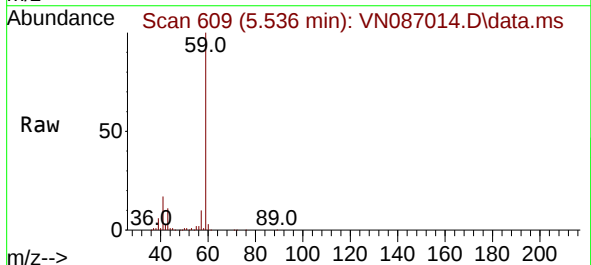
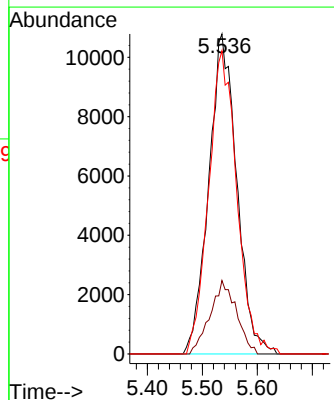


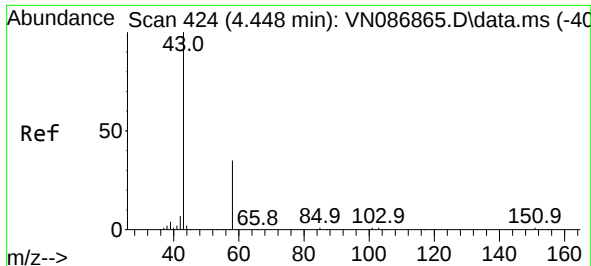
Tgt Ion:	41	Resp:	39788
Ion	Ratio	Lower	Upper
41	100		
39	18.9	51.3	76.9#
76	0.0	31.4	47.0#



#15
 Acrylonitrile
 Concen: 23.178 ug/l
 RT: 5.536 min Scan# 609
 Delta R.T. -0.206 min
 Lab File: VN087014.D
 Acq: 13 Jun 2025 19:51

Tgt Ion:	53	Resp:	38292
Ion	Ratio	Lower	Upper
53	100		
52	21.5	65.0	97.6#
51	95.3	27.2	40.8#

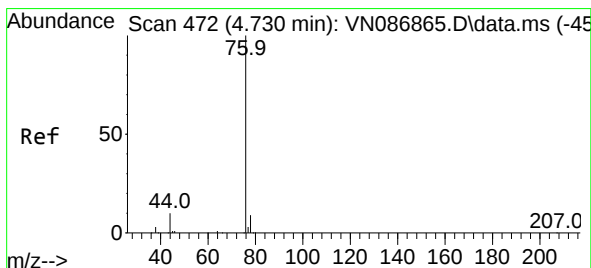
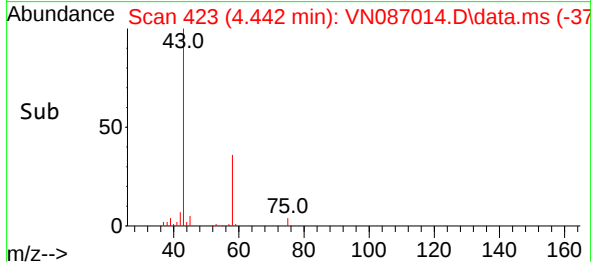
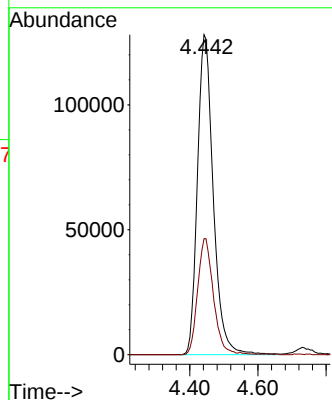
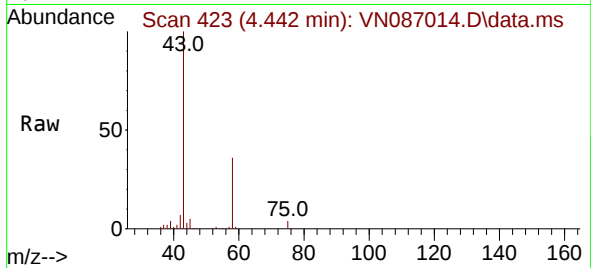




#16
Acetone
Concen: 298.931 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

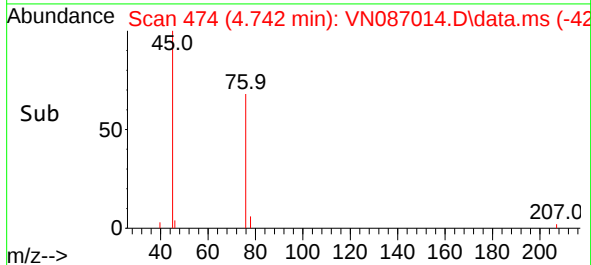
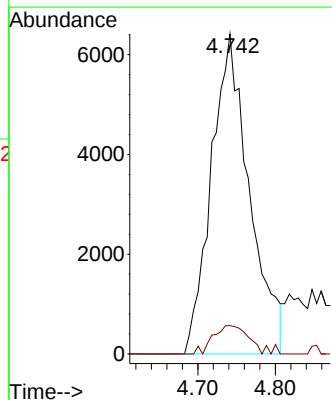
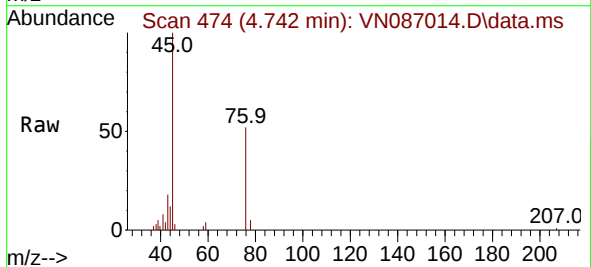
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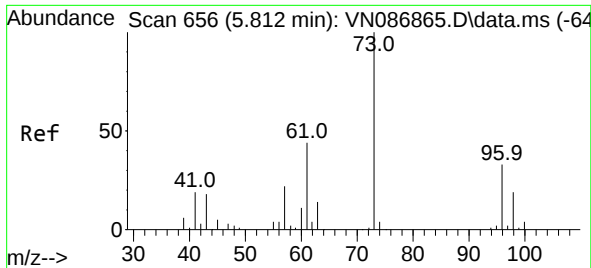
Tgt Ion: 43 Resp: 412948
Ion Ratio Lower Upper
43 100
58 36.2 28.0 42.0



#17
Carbon Disulfide
Concen: 3.668 ug/l
RT: 4.742 min Scan# 474
Delta R.T. 0.012 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 76 Resp: 21971
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

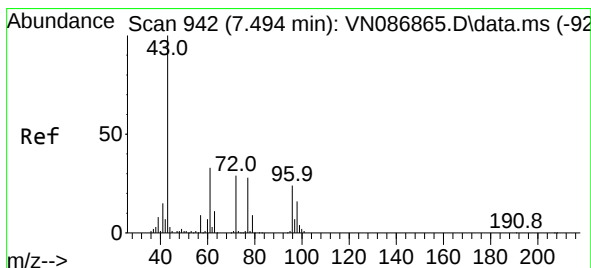
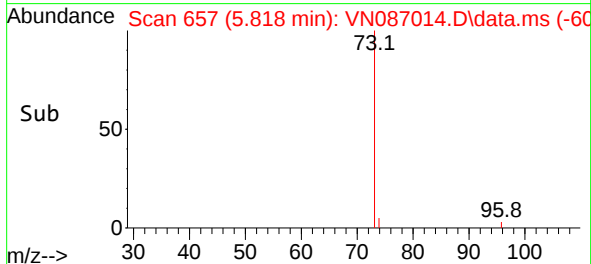
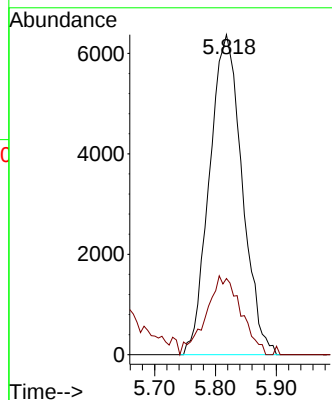
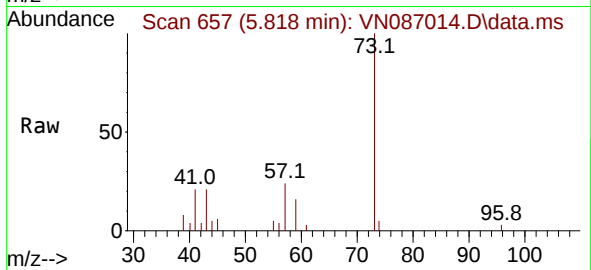




#19
Methyl tert-butyl Ether
Concen: 3.031 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
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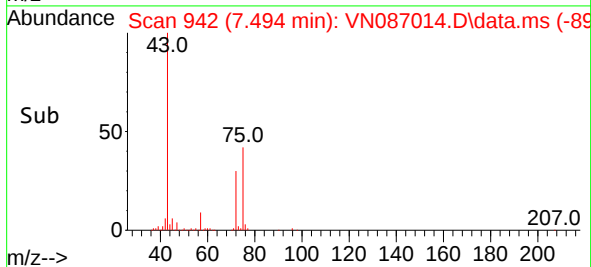
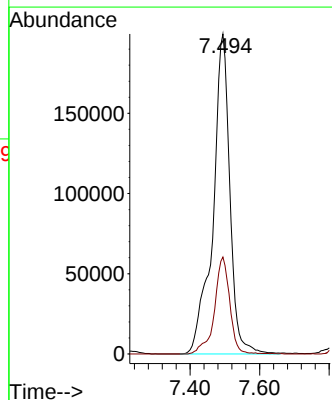
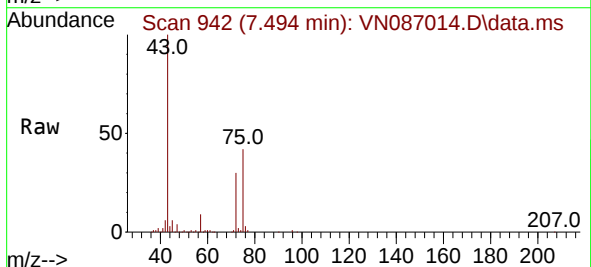
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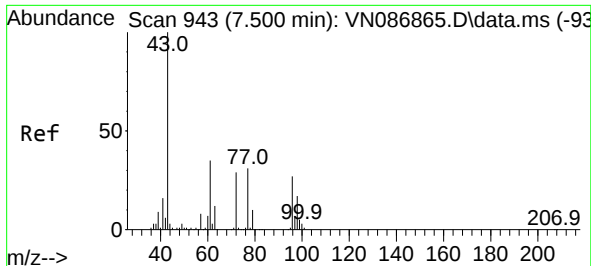
Tgt Ion: 73 Resp: 23767
Ion Ratio Lower Upper
73 100
57 23.8 17.4 26.2



#25
2-Butanone
Concen: 301.223 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 43 Resp: 676381
Ion Ratio Lower Upper
43 100
72 30.3 23.0 34.6

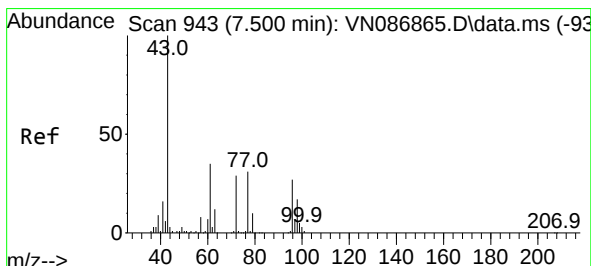
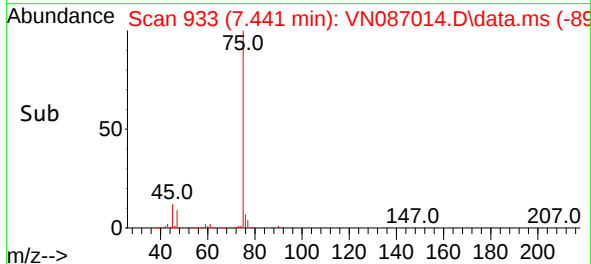
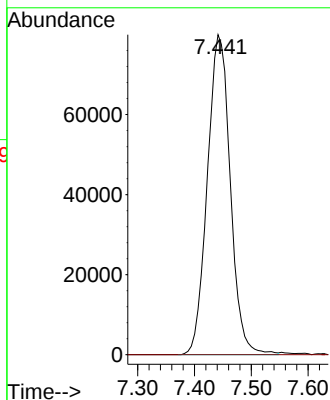
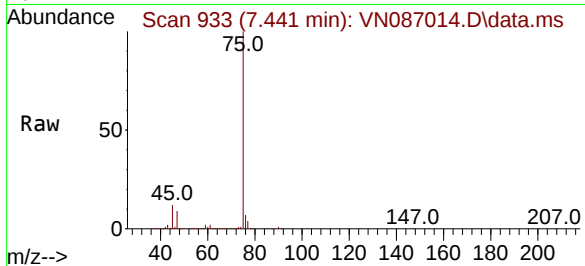




#26
2,2-Dichloropropane
Concen: 66.176 ug/l
RT: 7.441 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN087014.D
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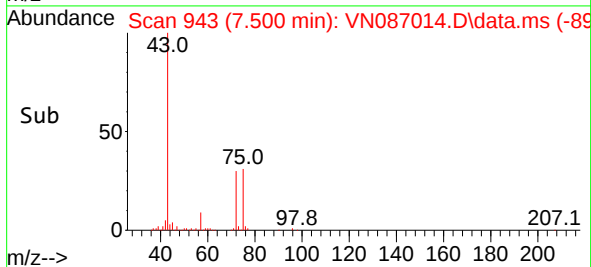
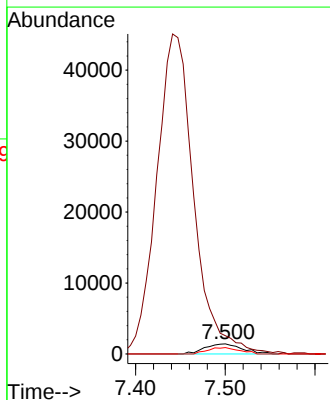
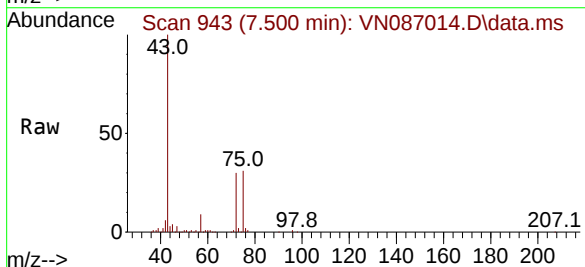
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ClientSampleId :
250611078-02-VOARE

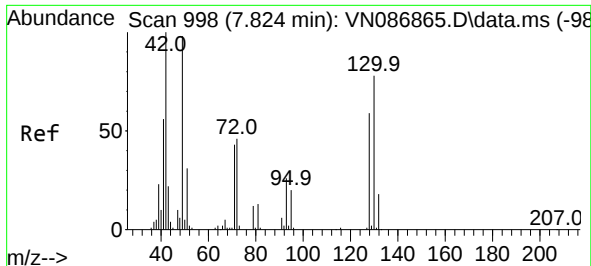
Tgt Ion: 77 Resp: 224262
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#



#27
cis-1,2-Dichloroethene
Concen: 1.436 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 96 Resp: 4139
Ion Ratio Lower Upper
96 100
61 0.0 0.0 278.0
98 52.9 0.0 128.2

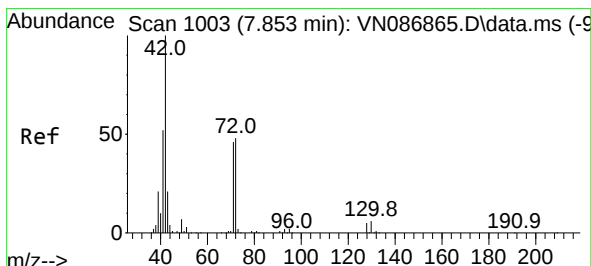
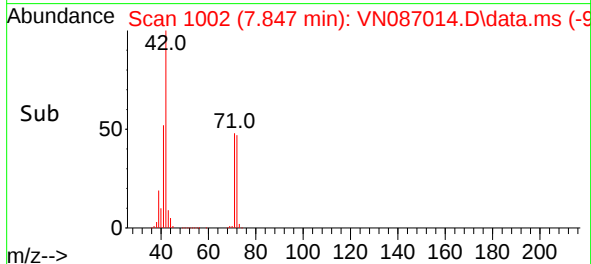
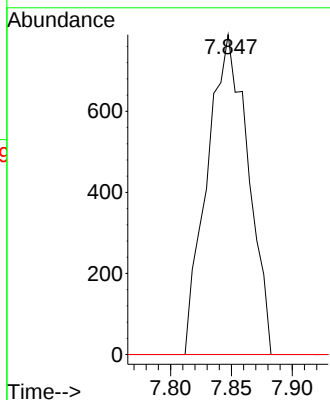
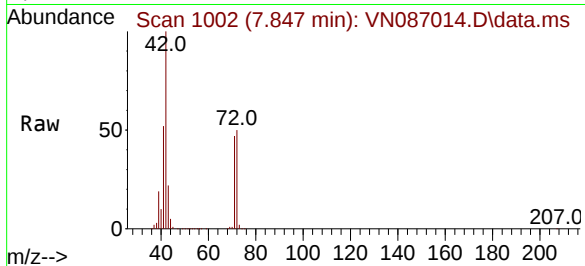




#28
Bromochloromethane
Concen: 0.863 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.023 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

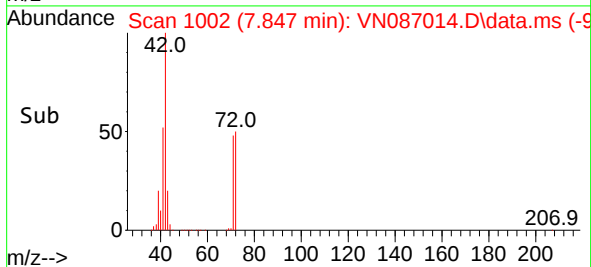
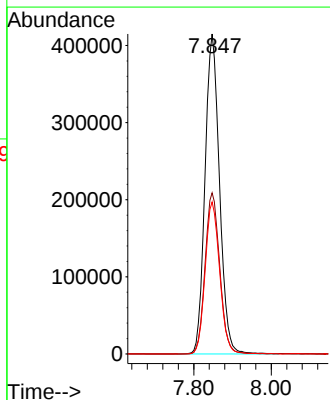
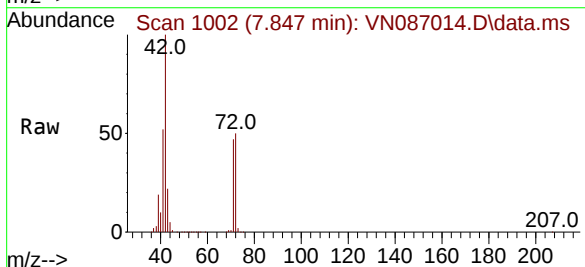
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

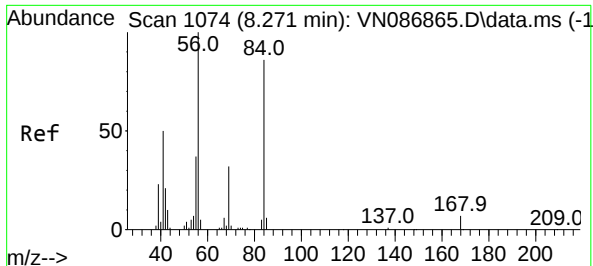
Tgt Ion: 49 Resp: 1848
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 62.2 93.2#



#29
Tetrahydrofuran
Concen: 736.946 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 42 Resp: 1077967
Ion Ratio Lower Upper
42 100
72 50.9 37.8 56.6
71 47.6 35.6 53.4

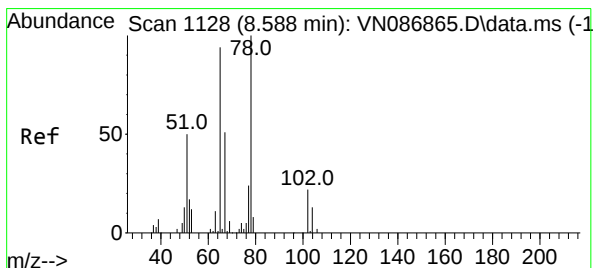
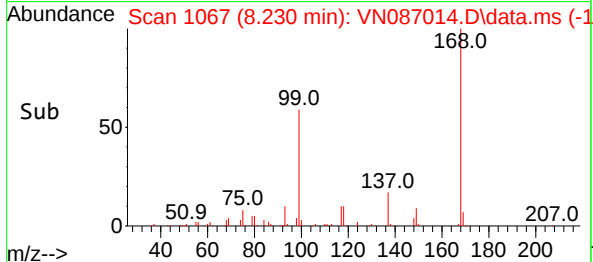
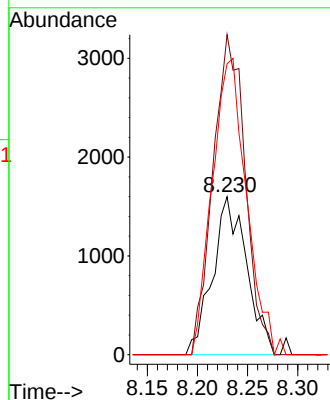
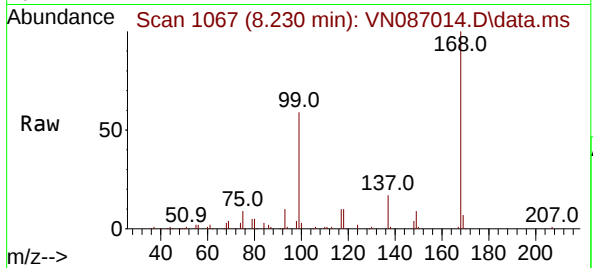




#31
Cyclohexane
Concen: 0.894 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

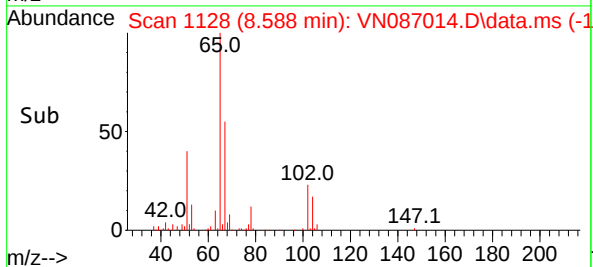
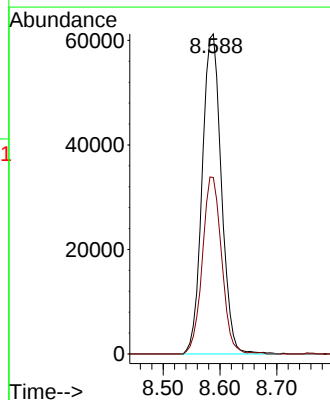
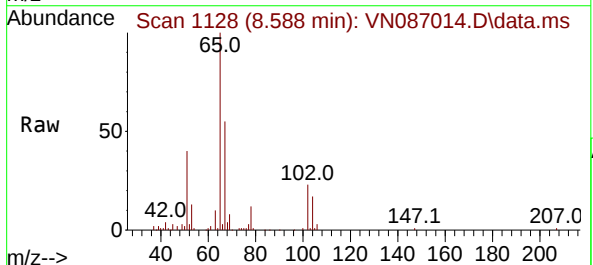
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

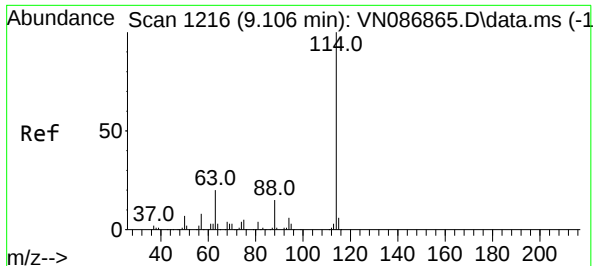
Tgt Ion: 56 Resp: 3776
Ion Ratio Lower Upper
56 100
69 202.6 25.4 38.0#
84 184.1 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 55.030 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 65 Resp: 143349
Ion Ratio Lower Upper
65 100
67 55.7 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087014.D

Acq: 13 Jun 2025 19:51

Instrument :

MSVOA_N

ClientSampleId :

250611078-02-VOARE

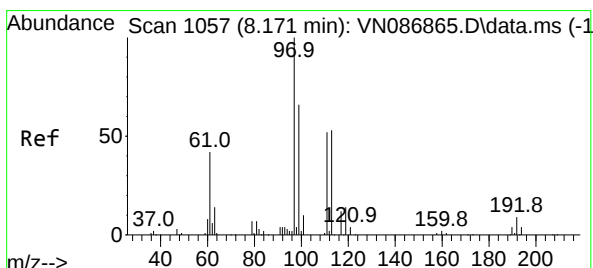
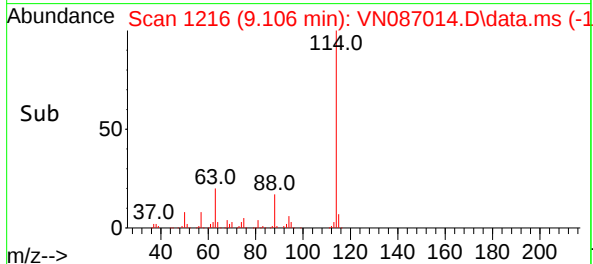
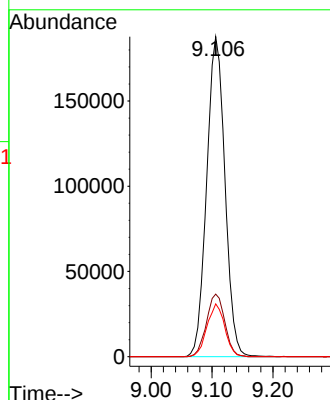
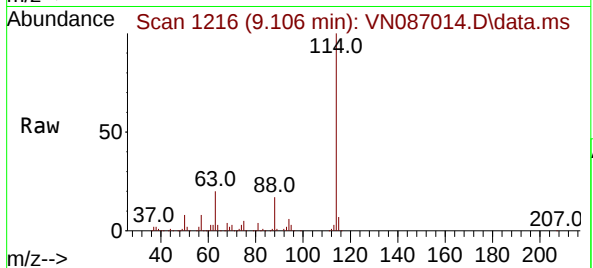
Tgt Ion:114 Resp: 391285

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 50.834 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN087014.D

Acq: 13 Jun 2025 19:51

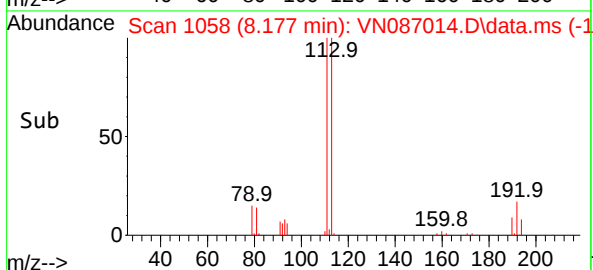
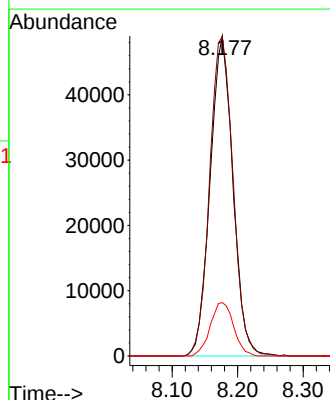
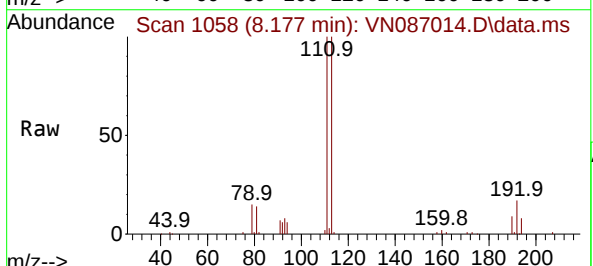
Tgt Ion:113 Resp: 117876

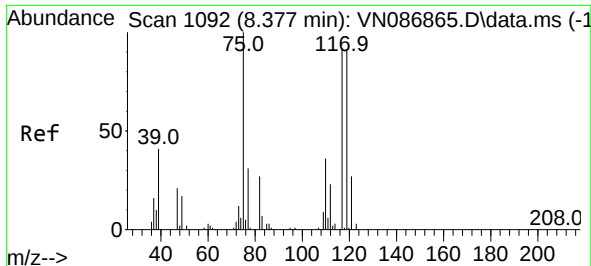
Ion Ratio Lower Upper

113 100

111 102.6 84.2 126.2

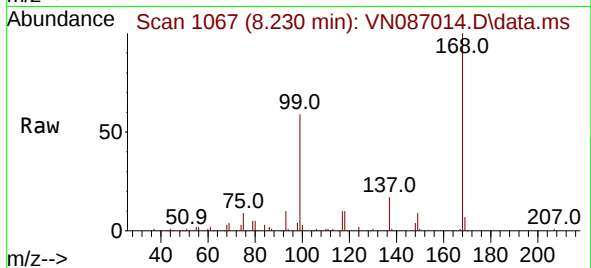
192 17.1 14.2 21.4



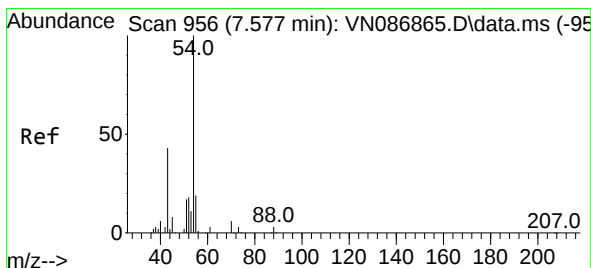
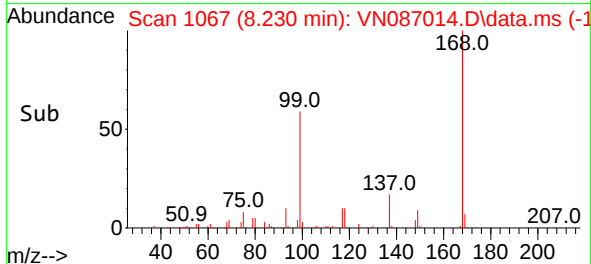
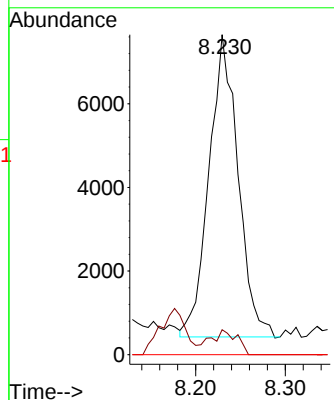


#36
1,1-Dichloropropene
Concen: 4.702 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

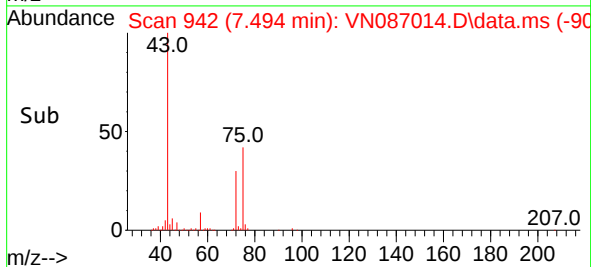
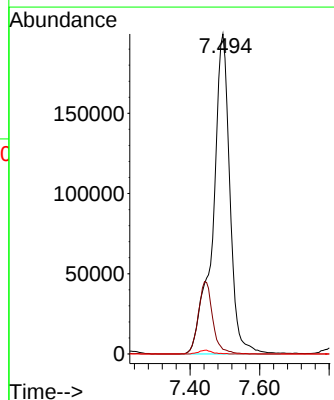
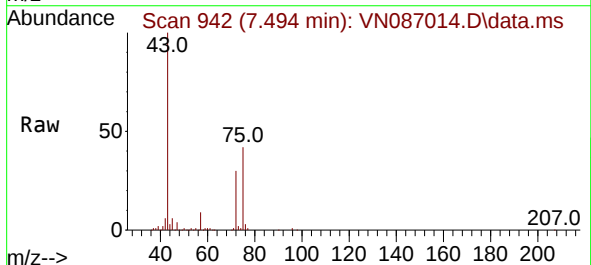


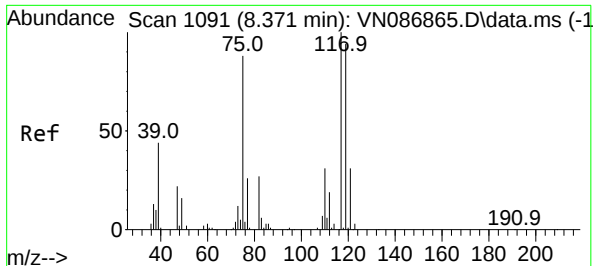
Tgt Ion: 75 Resp: 16246
Ion Ratio Lower Upper
75 100
110 7.7 17.6 52.9#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 153.772 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.083 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 43 Resp: 676381
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 9.8 14.6#

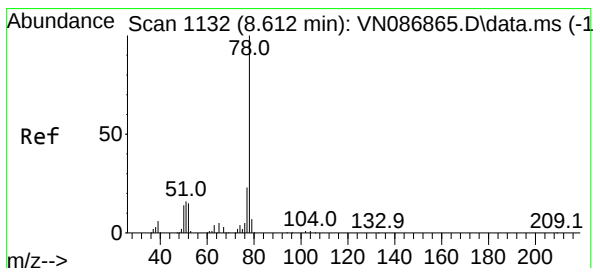
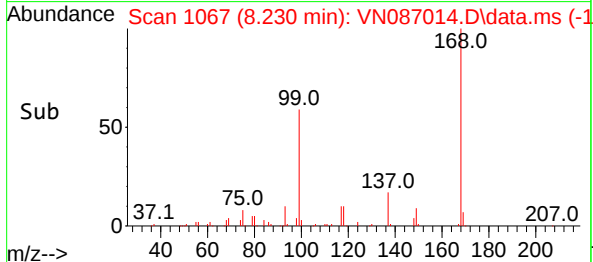
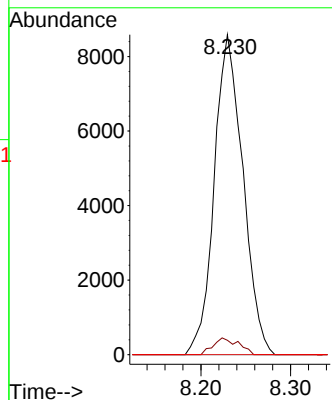
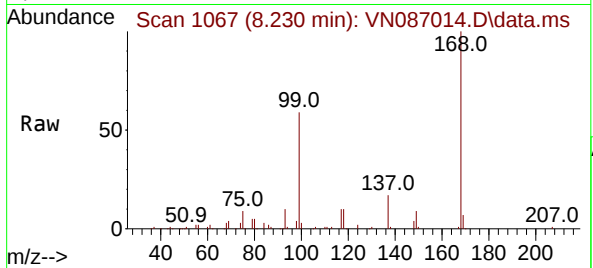




#38
Carbon Tetrachloride
Concen: 5.616 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

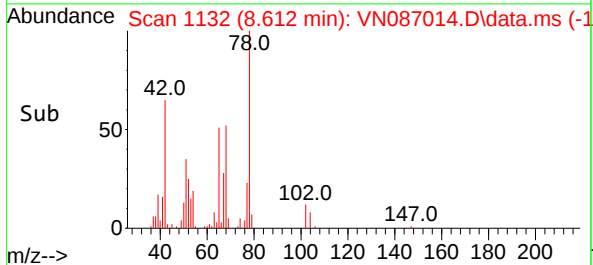
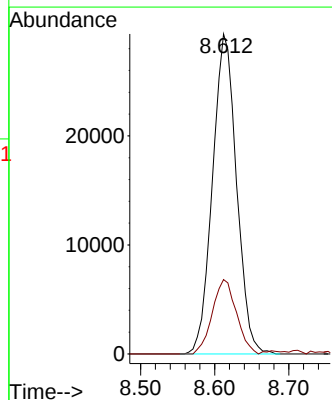
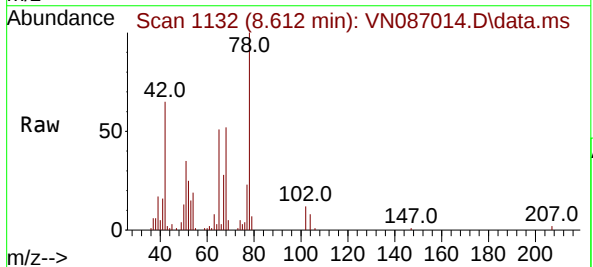
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

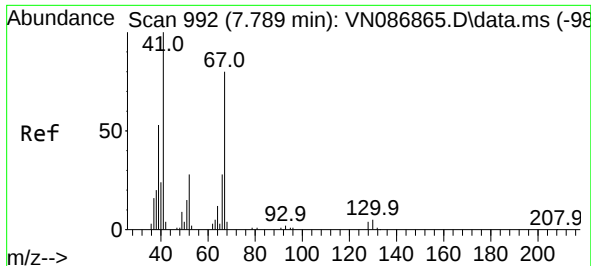
Tgt Ion:117 Resp: 19050
Ion Ratio Lower Upper
117 100
119 4.5 75.0 112.6#
121 0.0 24.9 37.3#



#40
Benzene
Concen: 5.848 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 78 Resp: 66077
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1

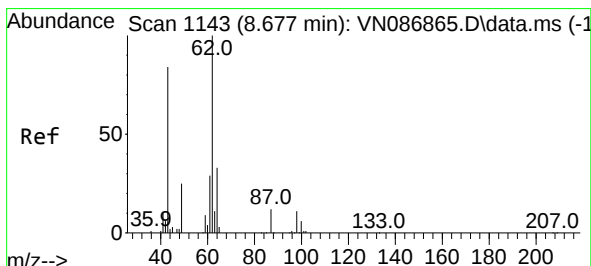
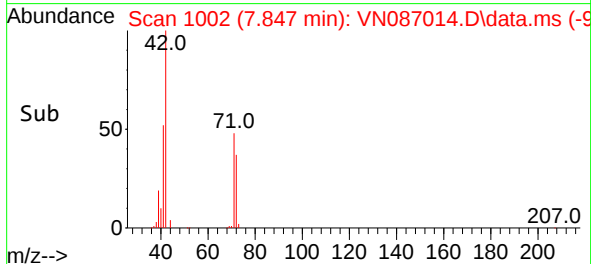
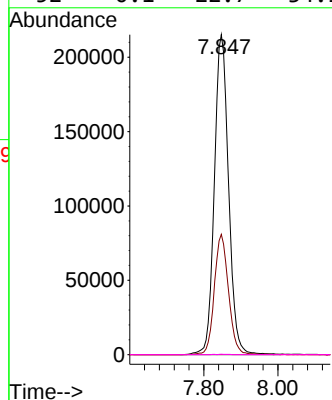
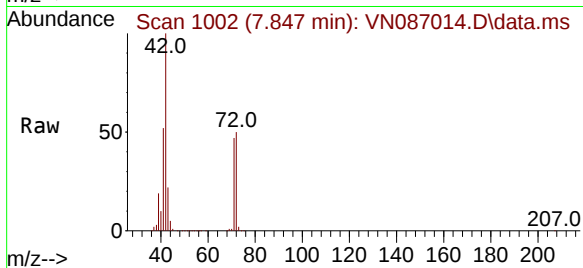




#41
Methacrylonitrile
Concen: 232.059 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.059 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

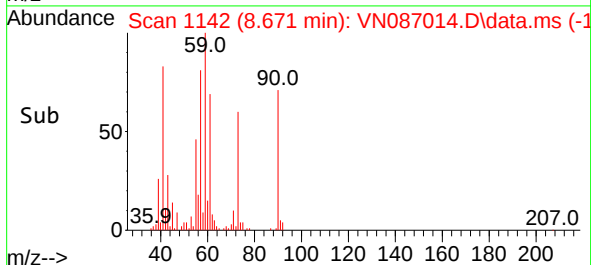
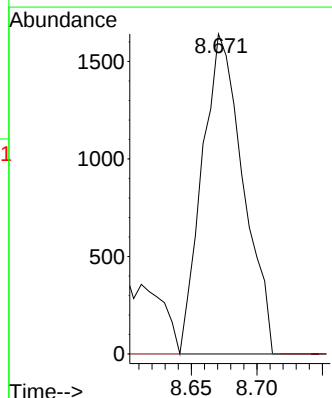
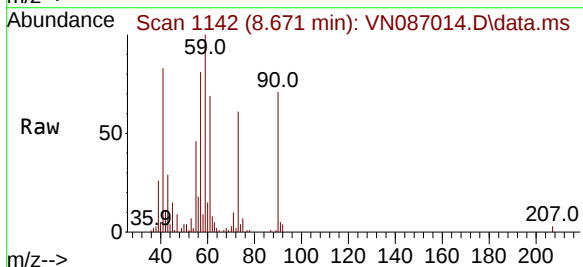
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

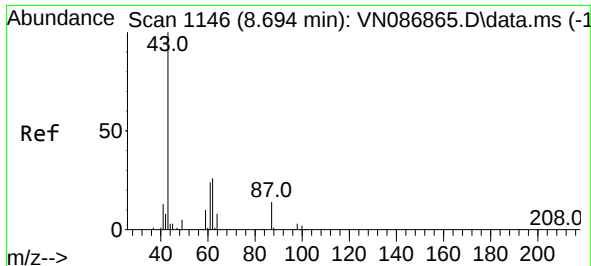
Tgt Ion: 41 Resp: 573255
Ion Ratio Lower Upper
41 100
39 37.5 41.2 61.8#
67 0.0 61.4 92.2#
52 0.1 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 1.043 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 62 Resp: 3573
Ion Ratio Lower Upper
62 100
98 0.0 0.0 21.2

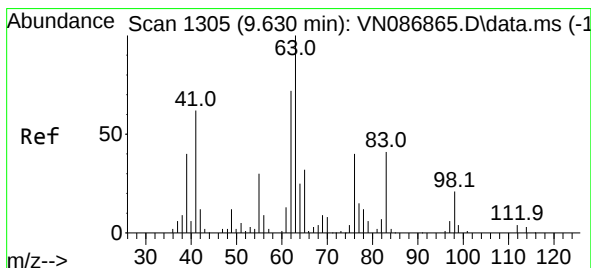
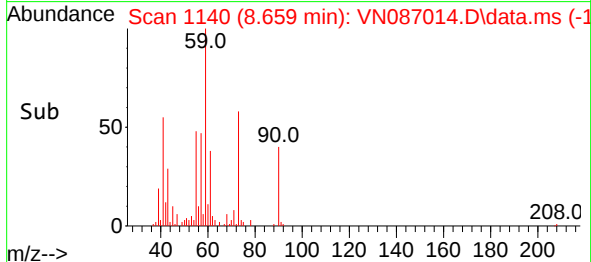
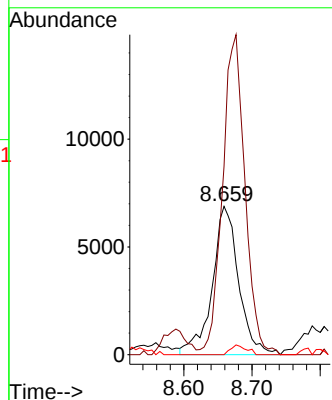
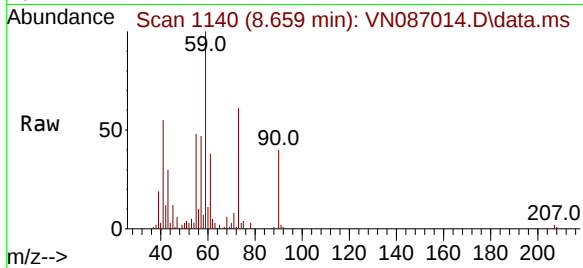




#43
Isopropyl Acetate
Concen: 2.630 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.035 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

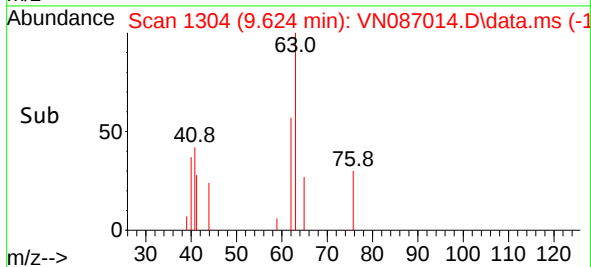
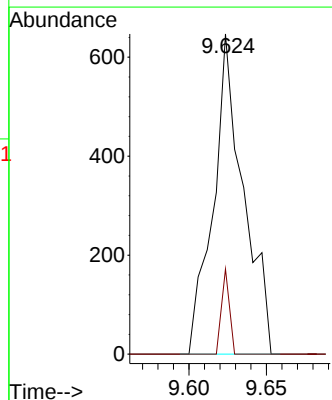
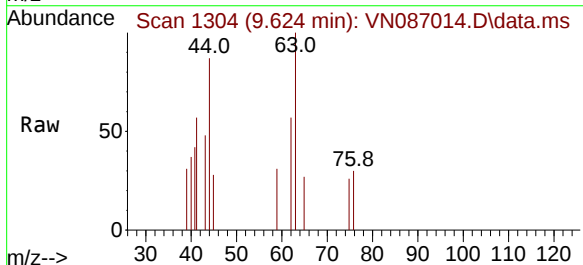
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

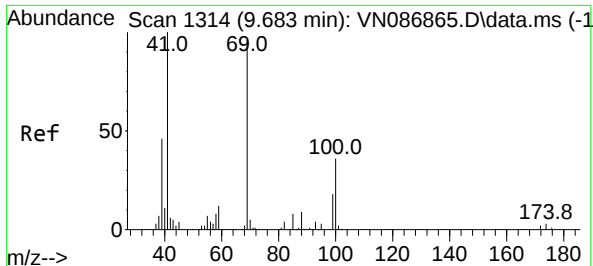
Tgt Ion: 43 Resp: 18564
Ion Ratio Lower Upper
43 100
61 183.7 22.1 33.1#
87 3.9 11.8 17.6#



#45
1,2-Dichloropropane
Concen: 0.319 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 63 Resp: 876
Ion Ratio Lower Upper
63 100
65 26.6 25.5 38.3





#48

Methyl methacrylate

Concen: 0.463 ug/l

RT: 9.671 min Scan# 1312

Delta R.T. -0.012 min

Lab File: VN087014.D

Acq: 13 Jun 2025 19:51

Instrument :

MSVOA_N

ClientSampleId :

250611078-02-VOARE

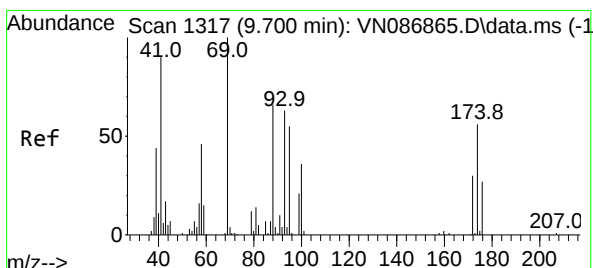
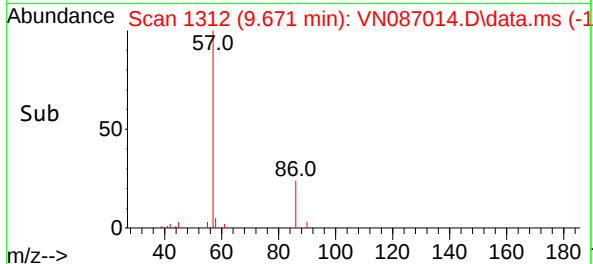
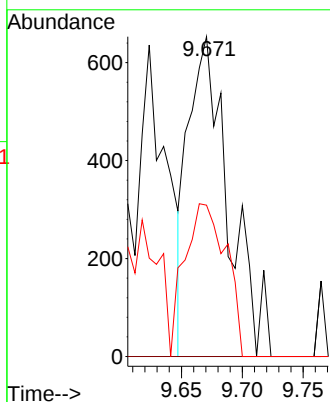
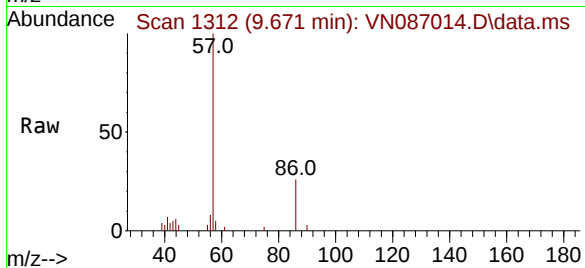
Tgt Ion: 41 Resp: 1504

Ion Ratio Lower Upper

41 100

69 0.0 74.6 112.0#

39 49.3 40.2 60.4



#49

1,4-Dioxane

Concen: 91.401 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN087014.D

Acq: 13 Jun 2025 19:51

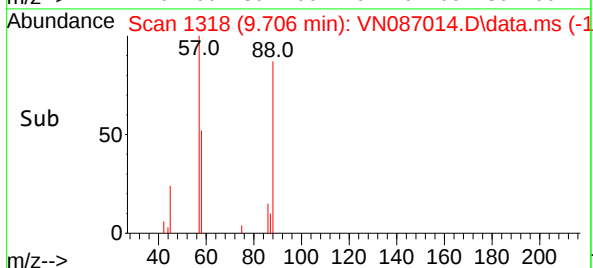
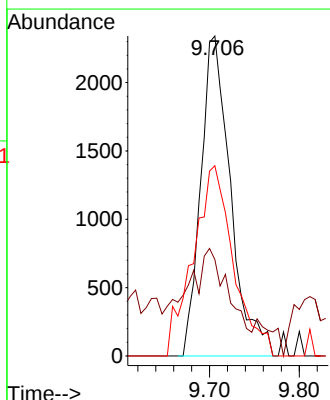
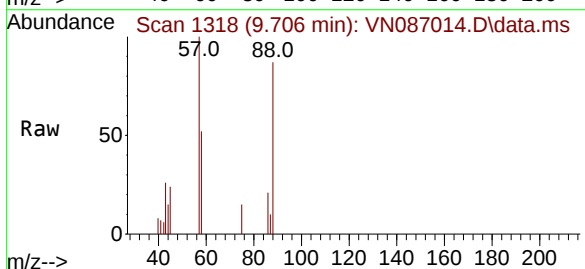
Tgt Ion: 88 Resp: 5403

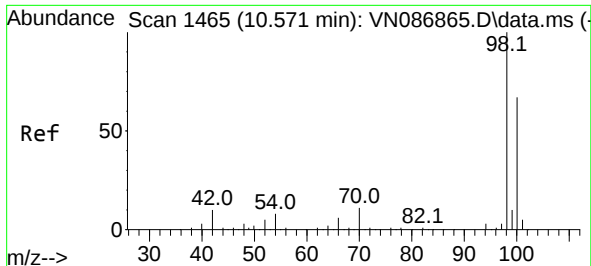
Ion Ratio Lower Upper

88 100

43 31.6 0.0 0.0#

58 80.4 57.7 86.5

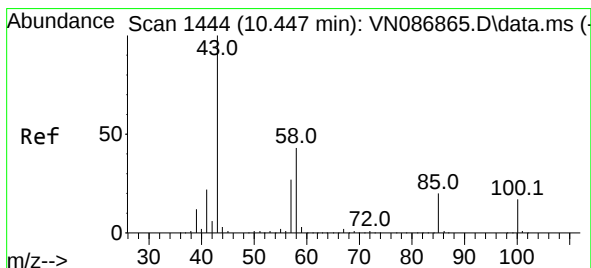
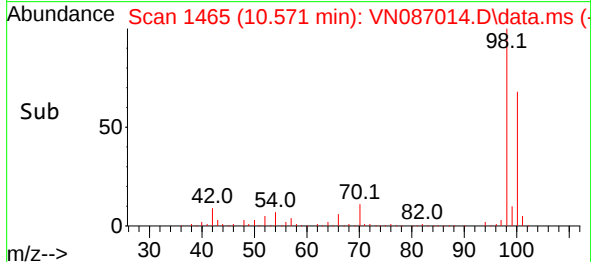
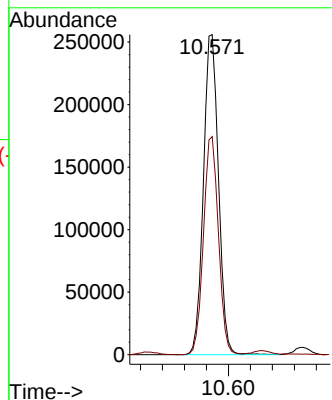
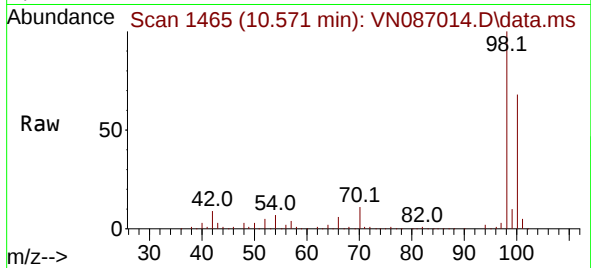




#50
Toluene-d8
Concen: 52.983 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

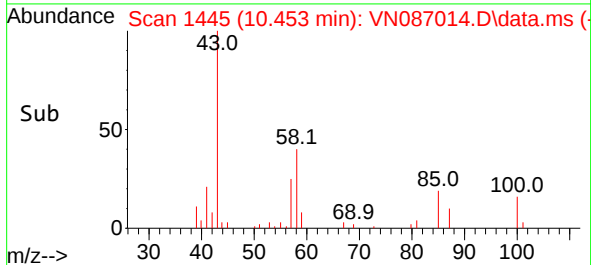
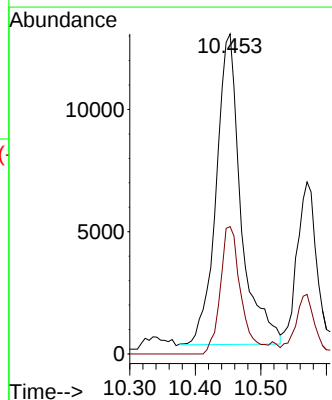
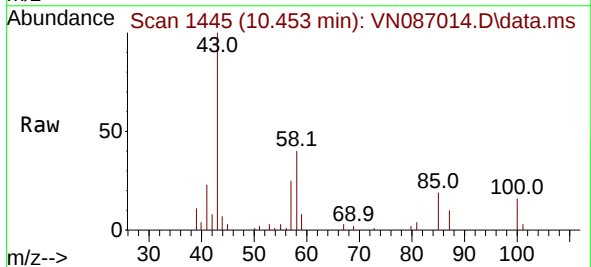
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

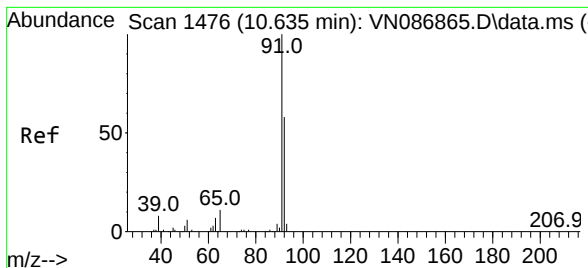
Tgt Ion: 98 Resp: 486367
Ion Ratio Lower Upper
98 100
100 67.7 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 7.841 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 43 Resp: 33325
Ion Ratio Lower Upper
43 100
58 34.3 34.2 51.4





#52

Toluene

Concen: 16.955 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN087014.D

Acq: 13 Jun 2025 19:51

Instrument :

MSVOA_N

ClientSampleId :

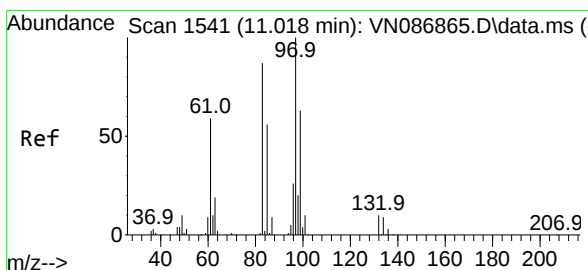
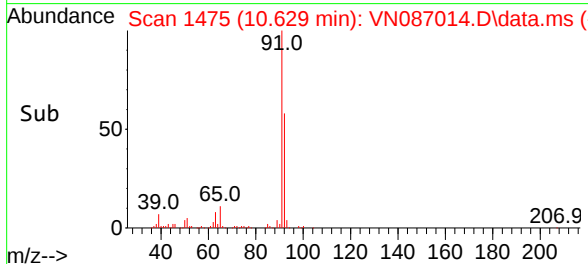
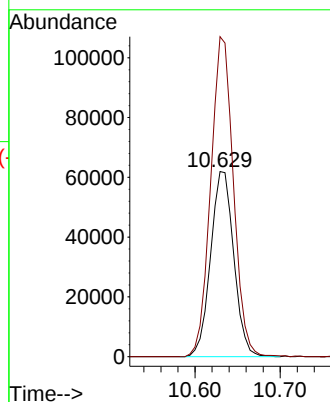
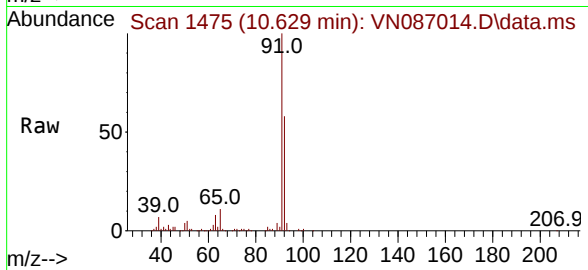
250611078-02-VOARE

Tgt Ion: 92 Resp: 117077

Ion Ratio Lower Upper

92 100

91 169.6 136.5 204.7



#55

1,1,2-Trichloroethane

Concen: 1.679 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.135 min

Lab File: VN087014.D

Acq: 13 Jun 2025 19:51

Tgt Ion: 97 Resp: 4460

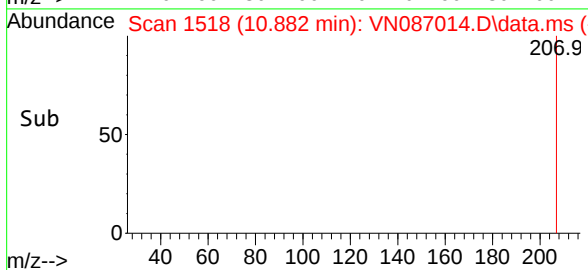
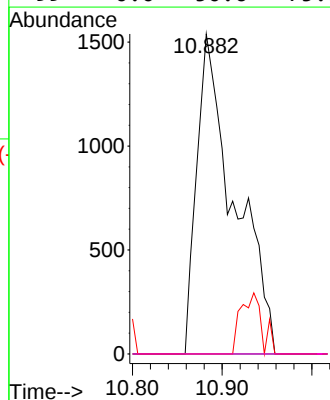
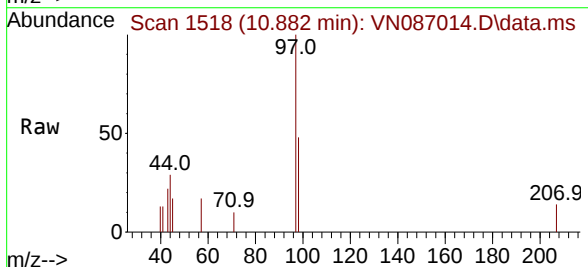
Ion Ratio Lower Upper

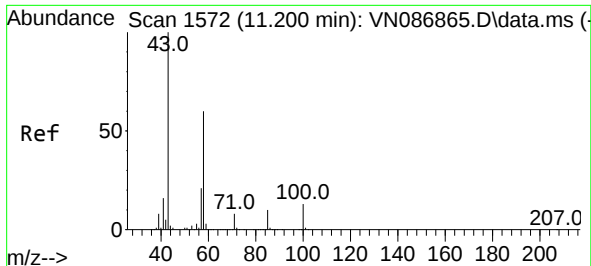
97 100

83 0.0 69.7 104.5#

85 0.0 45.1 67.7#

99 0.0 50.6 75.8#

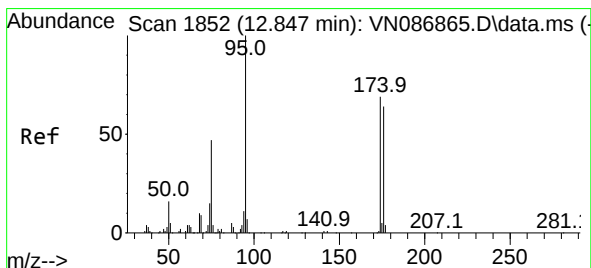
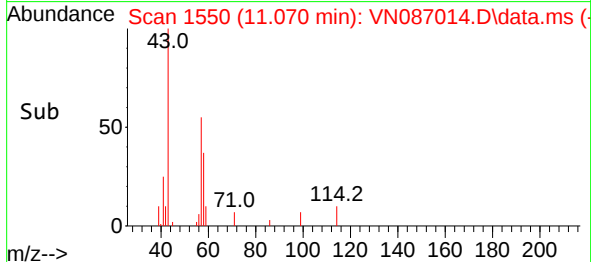
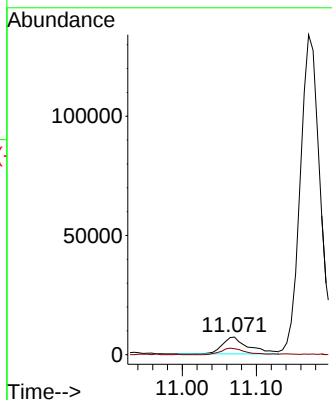
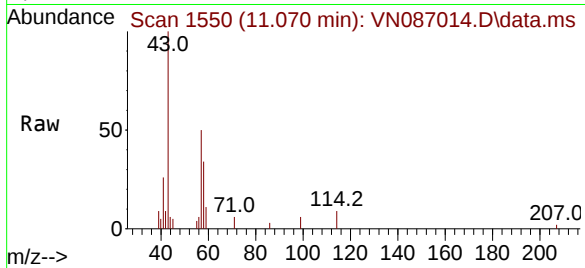




#59
2-Hexanone
Concen: 6.430 ug/l
RT: 11.070 min Scan# 11
Delta R.T. -0.130 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

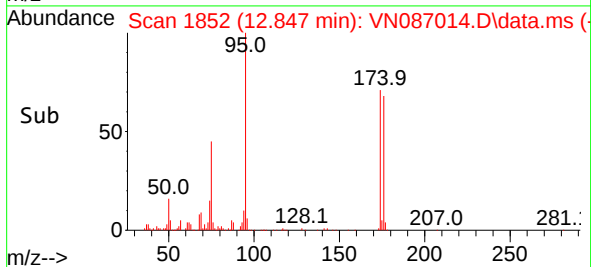
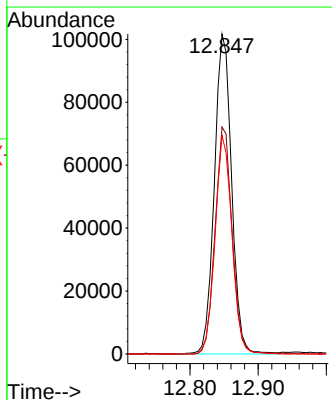
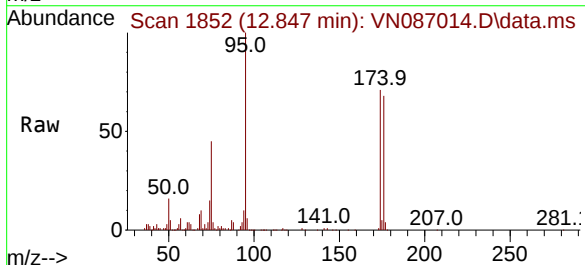
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

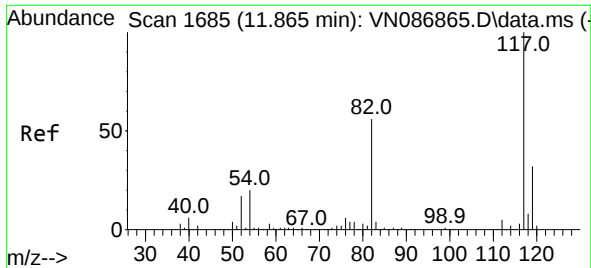
Tgt Ion: 43 Resp: 17604
Ion Ratio Lower Upper
43 100
58 36.2 30.4 91.3



#62
4-Bromofluorobenzene
Concen: 52.468 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 95 Resp: 178943
Ion Ratio Lower Upper
95 100
174 70.3 0.0 141.8
176 66.8 0.0 132.6

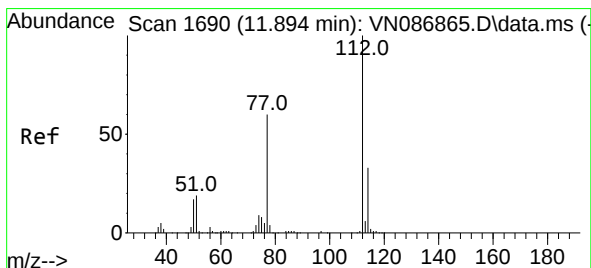
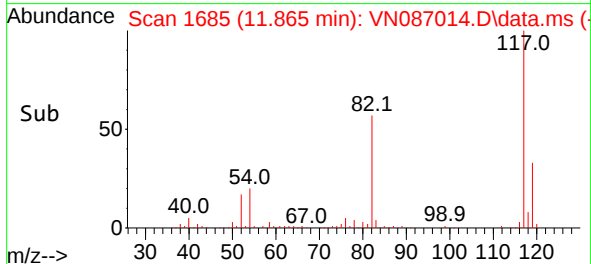
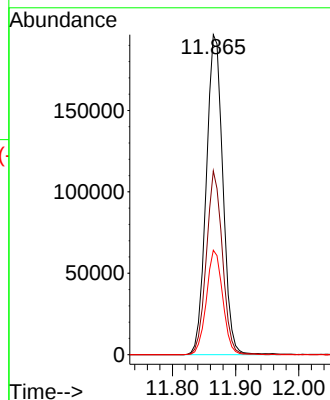
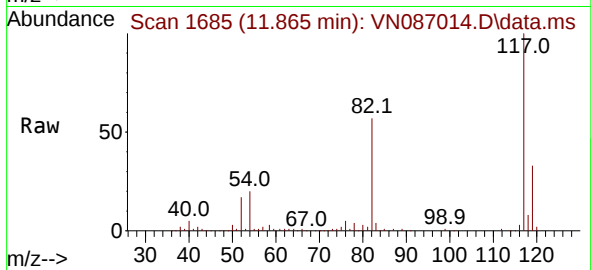




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

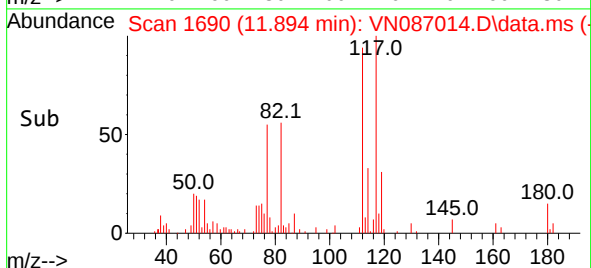
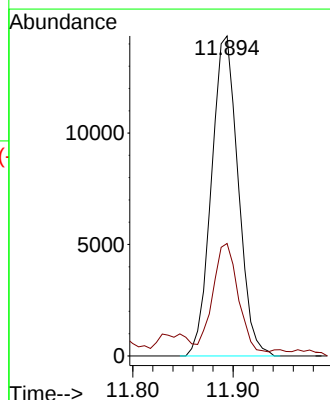
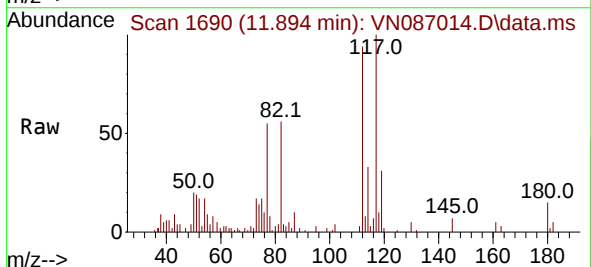
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

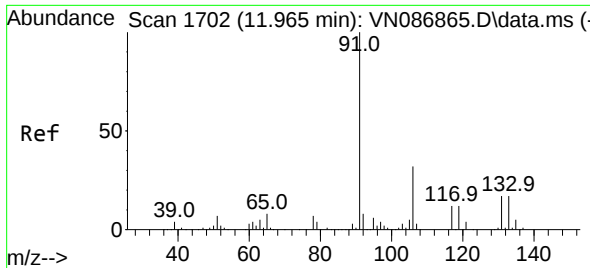
Tgt Ion:117 Resp: 359346
Ion Ratio Lower Upper
117 100
82 57.5 44.6 67.0
119 32.7 25.5 38.3



#65
Chlorobenzene
Concen: 3.348 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion:112 Resp: 26534
Ion Ratio Lower Upper
112 100
114 33.2 26.2 39.2

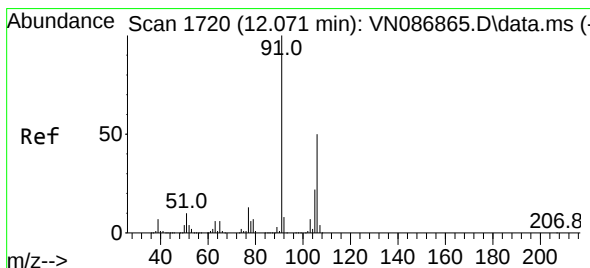
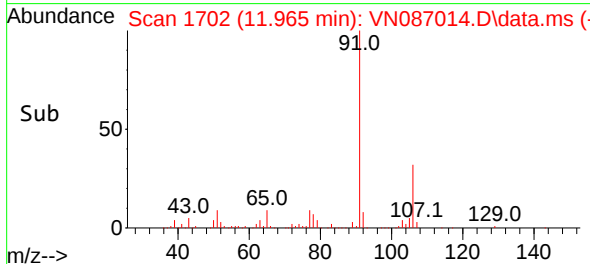
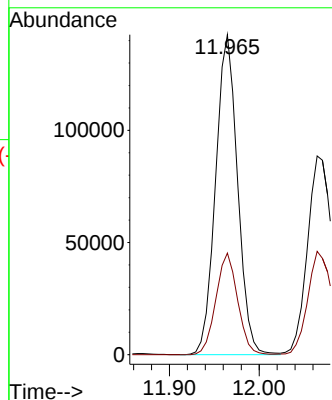
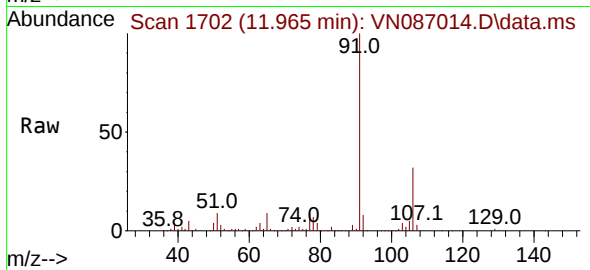




#67
Ethyl Benzene
Concen: 17.763 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

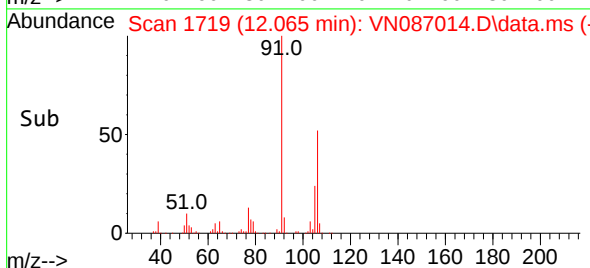
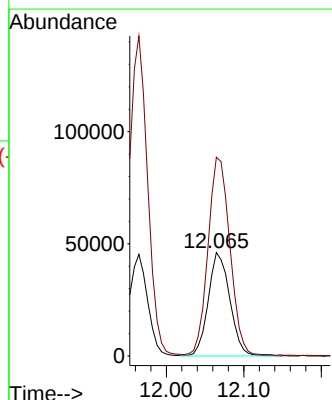
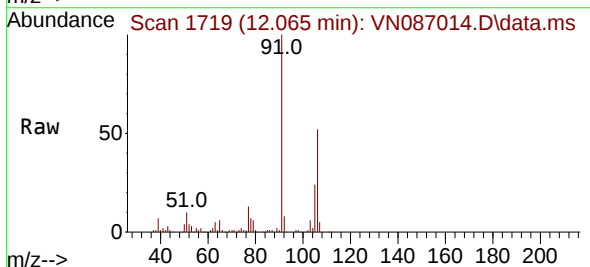
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

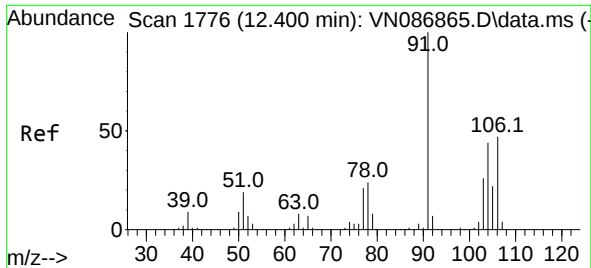
Tgt Ion: 91 Resp: 242492
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 17.027 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion:106 Resp: 88981
Ion Ratio Lower Upper
106 100
91 195.7 159.4 239.0

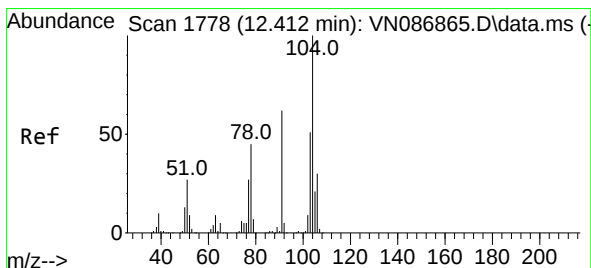
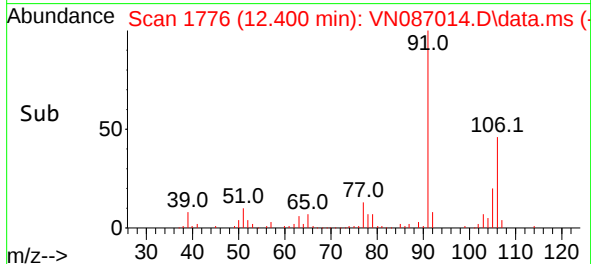
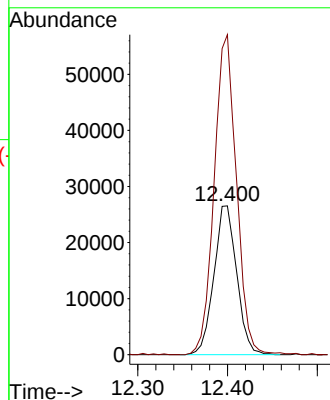
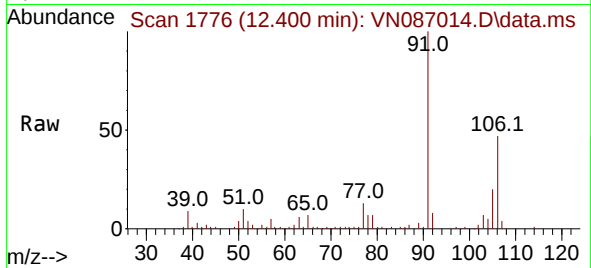




#69
o-Xylene
Concen: 9.356 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

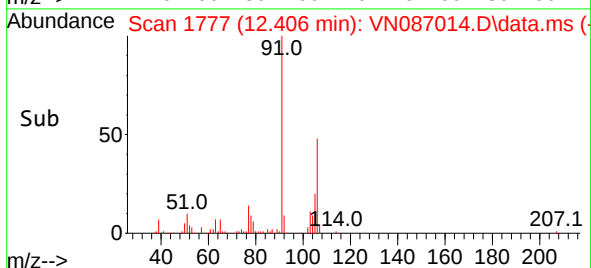
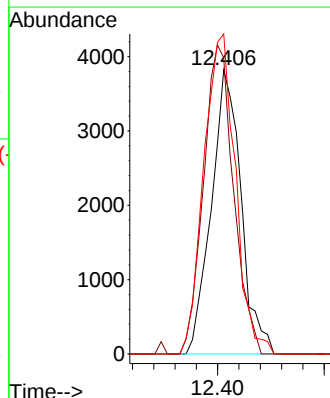
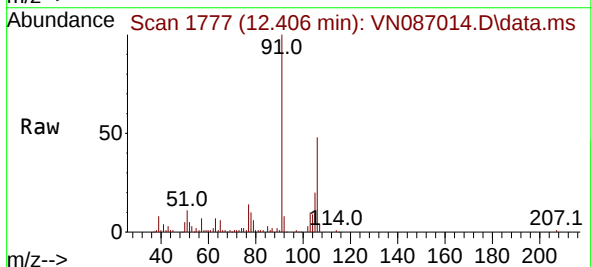
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

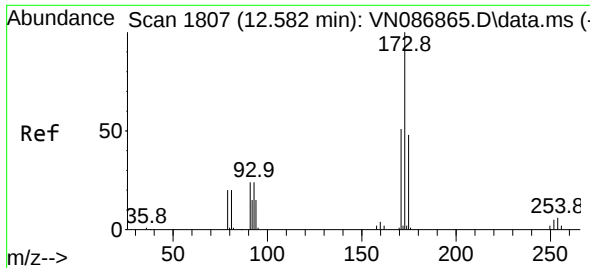
Tgt Ion:106 Resp: 46826
Ion Ratio Lower Upper
106 100
91 210.2 106.1 318.1



#70
Styrene
Concen: 0.864 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion:104 Resp: 7401
Ion Ratio Lower Upper
104 100
78 110.5 38.5 57.7#
103 119.2 43.1 64.7#

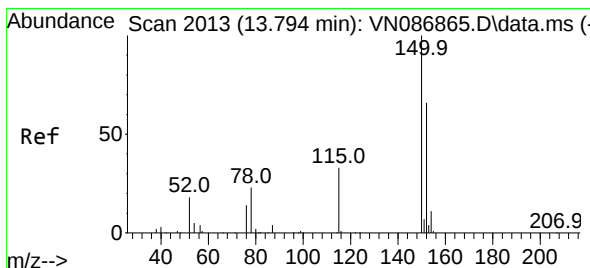
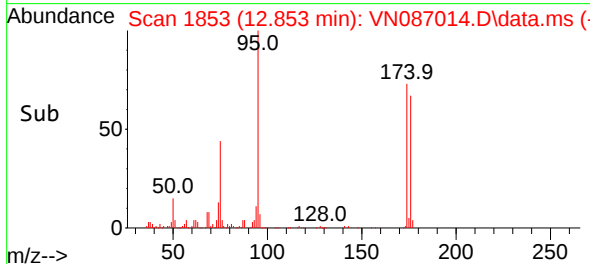
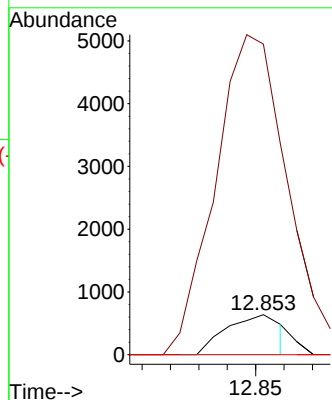
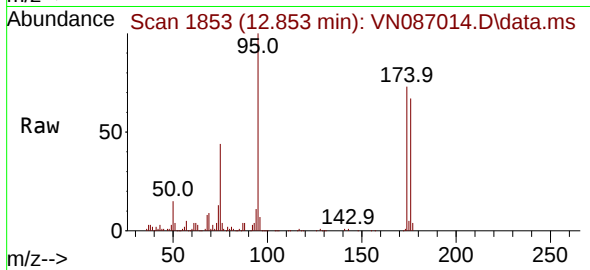




#71
Bromoform
Concen: 0.451 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.270 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

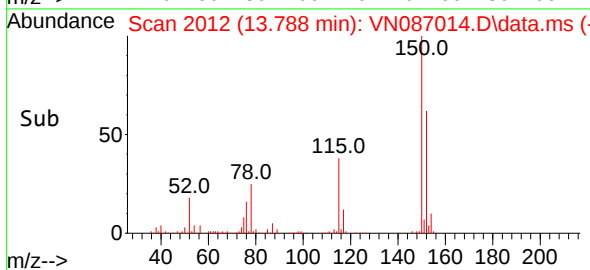
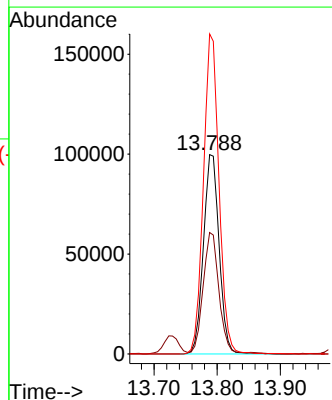
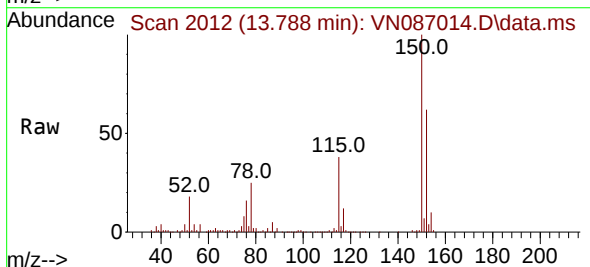
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

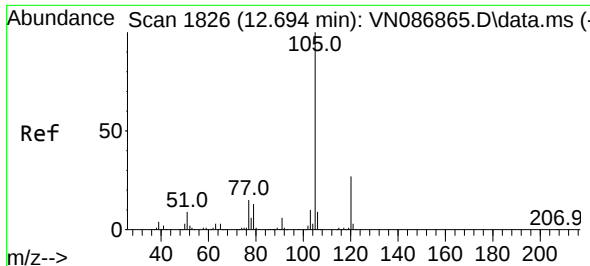
Tgt Ion:173 Resp: 852
Ion Ratio Lower Upper
173 100
175 913.4 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion:152 Resp: 172357
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.5
150 158.9 0.0 345.0

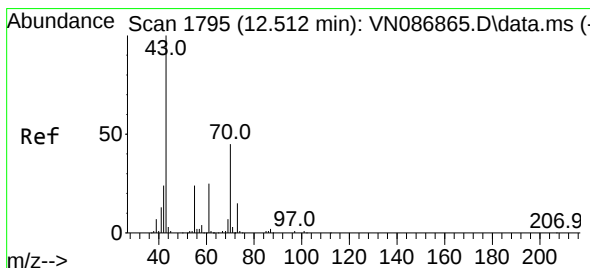
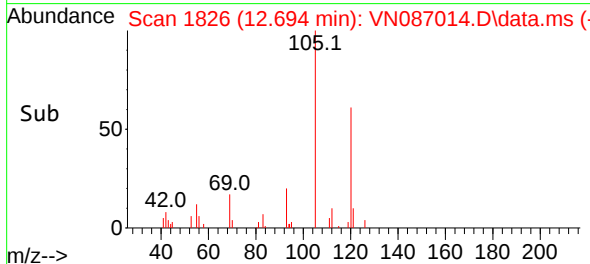
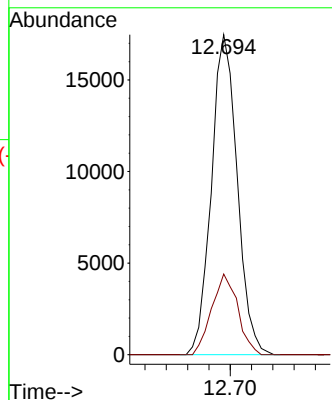
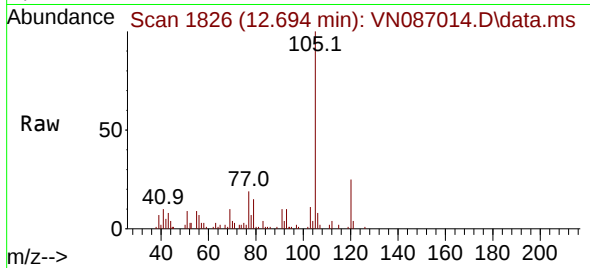




#73
Isopropylbenzene
Concen: 2.340 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

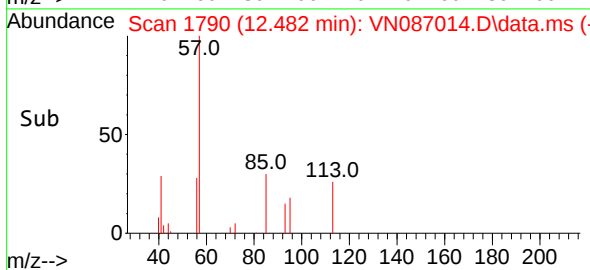
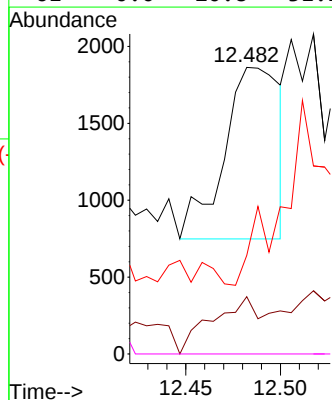
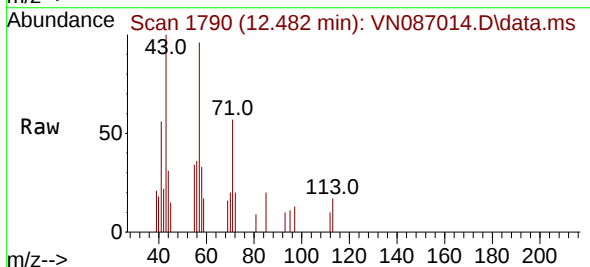
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

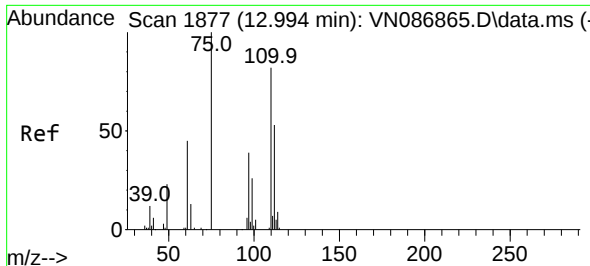
Tgt Ion:105 Resp: 29376
Ion Ratio Lower Upper
105 100
120 25.5 13.5 40.4



#74
N-ethyl acetate
Concen: 0.522 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.030 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 43 Resp: 2291
Ion Ratio Lower Upper
43 100
70 30.7 37.6 56.4#
55 0.0 19.0 28.6#
61 0.0 20.8 31.2#

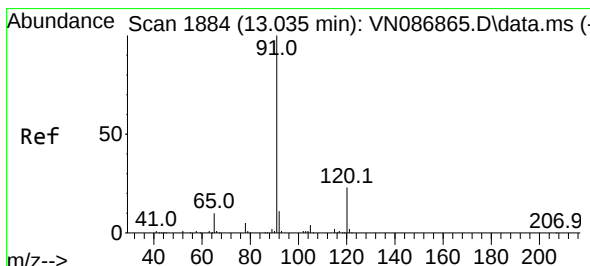
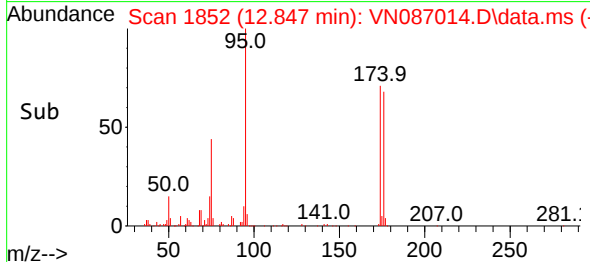
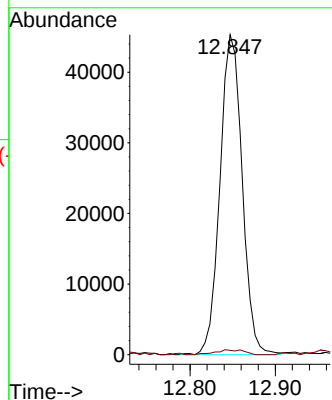
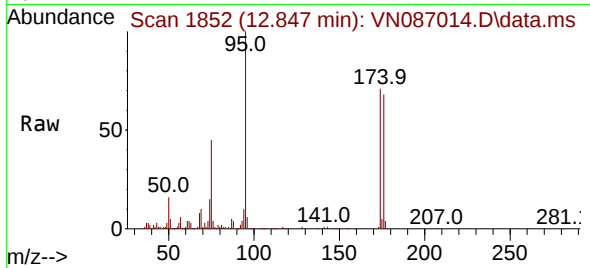




#76
1,2,3-Trichloropropane
Concen: 20.008 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

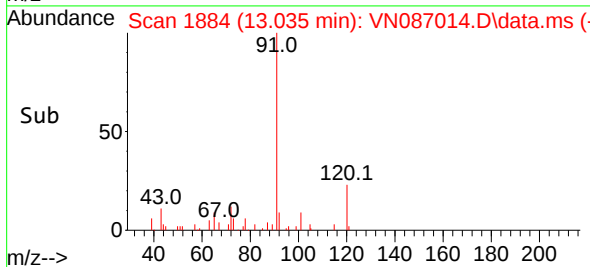
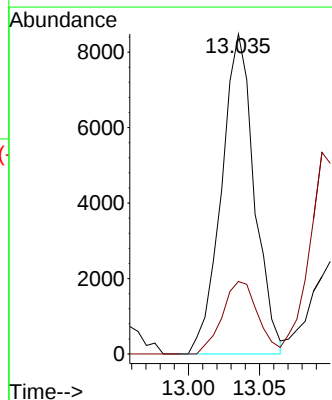
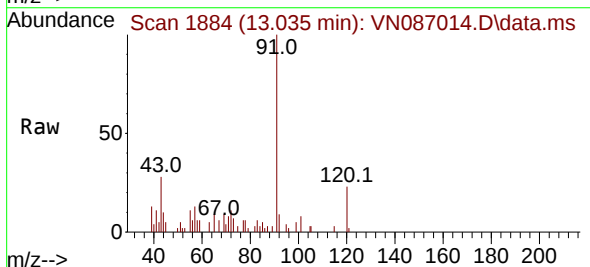
Instrument :
MSVOA_N
ClientSampleId :
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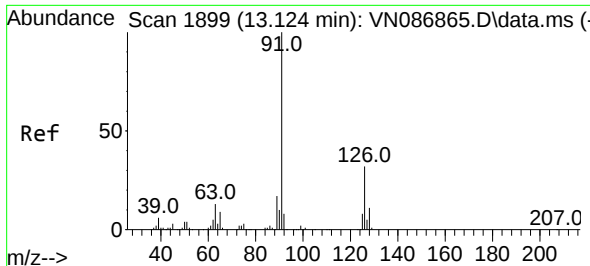
Tgt Ion: 75 Resp: 81971
Ion Ratio Lower Upper
75 100
77 1.9 79.3 237.9#



#78
n-propylbenzene
Concen: 0.897 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 91 Resp: 13690
Ion Ratio Lower Upper
91 100
120 24.6 11.4 34.2

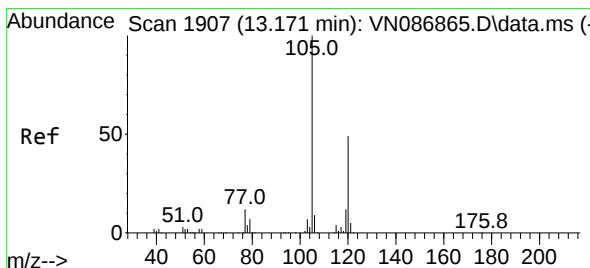
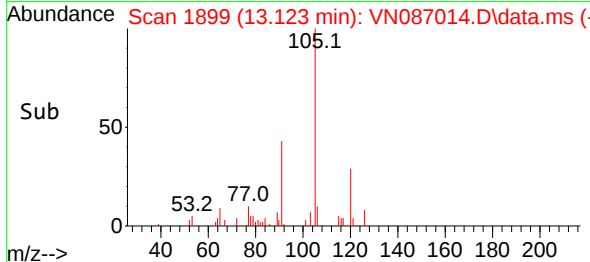
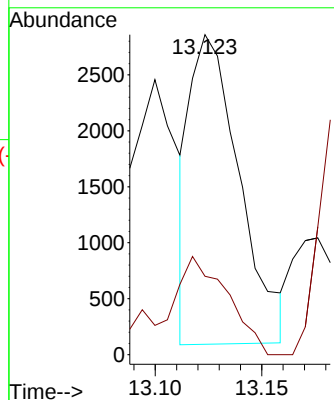
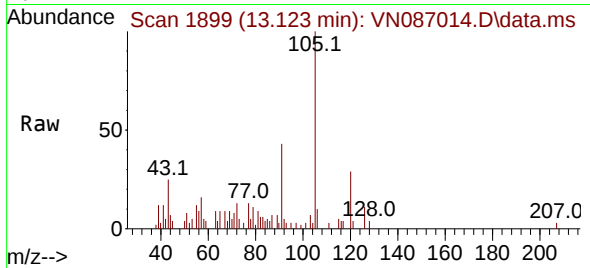




#79
2-Chlorotoluene
Concen: 0.486 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

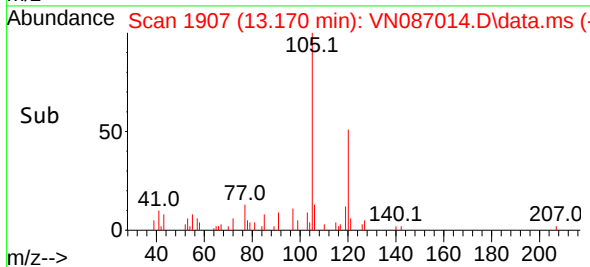
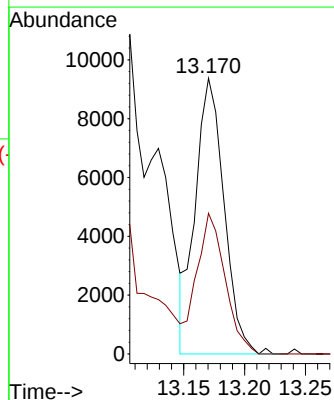
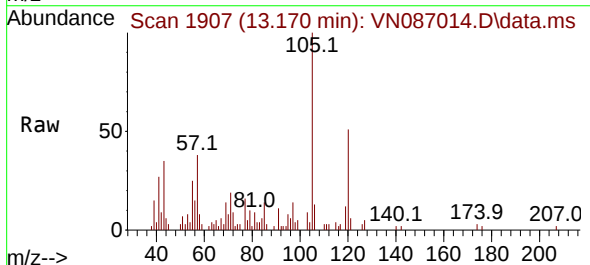
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

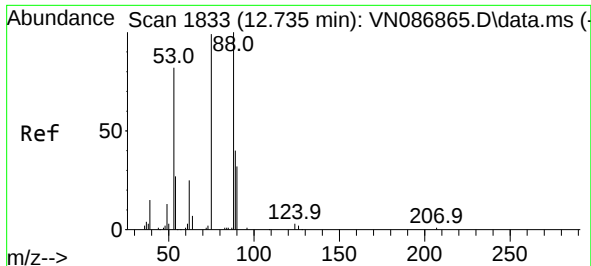
Tgt Ion: 91 Resp: 4444
Ion Ratio Lower Upper
91 100
126 38.7 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 1.483 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 105 Resp: 15371
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.6

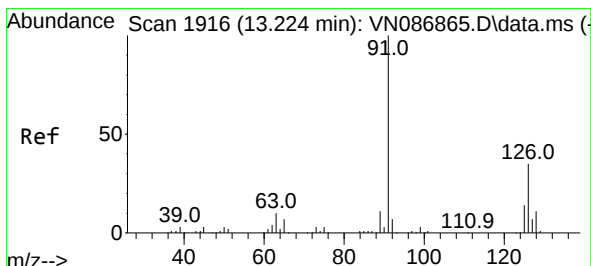
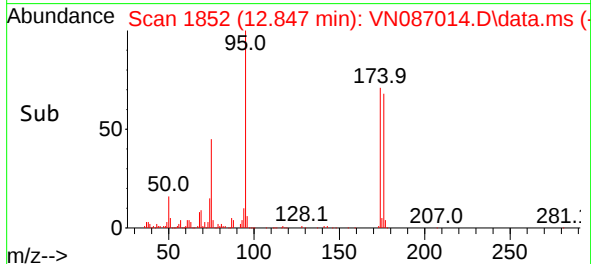
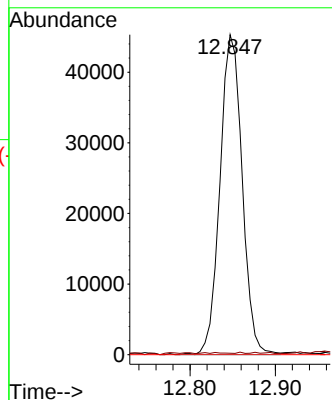
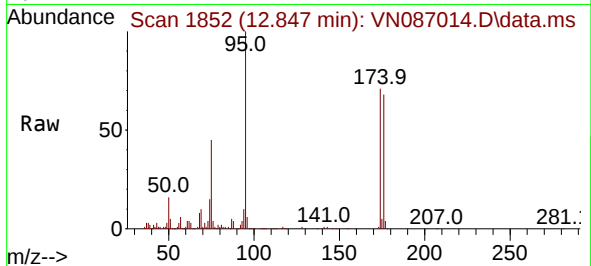




#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.057 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN087014.D
 Acq: 13 Jun 2025 19:51

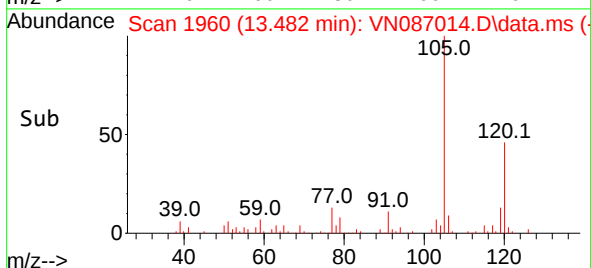
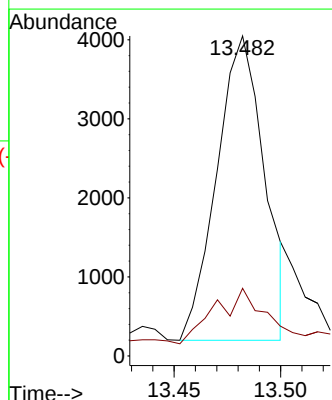
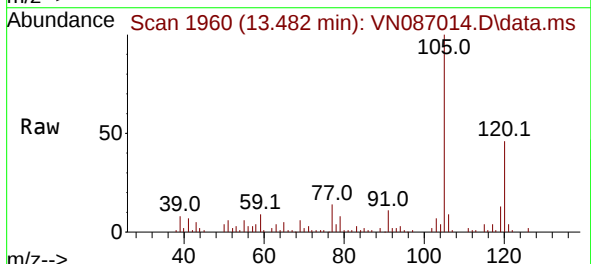
Instrument :
 MSVOA_N
 ClientSampleId :
 250611078-02-VOARE

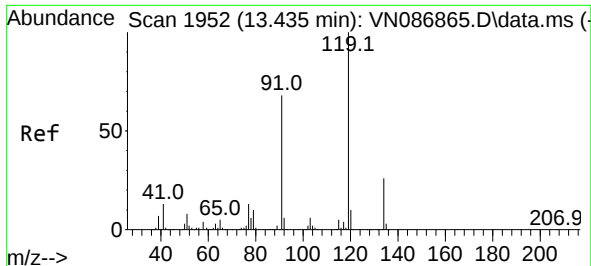
Tgt Ion: 75 Resp: 81971
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.6 99.8#
 89 0.0 36.7 55.1#



#82
 4-Chlorotoluene
 Concen: 0.650 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.259 min
 Lab File: VN087014.D
 Acq: 13 Jun 2025 19:51

Tgt Ion: 91 Resp: 6017
 Ion Ratio Lower Upper
 91 100
 126 18.5 16.7 50.1

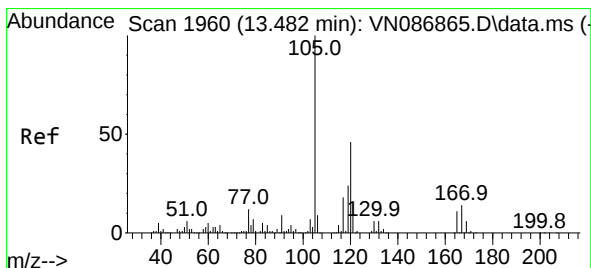
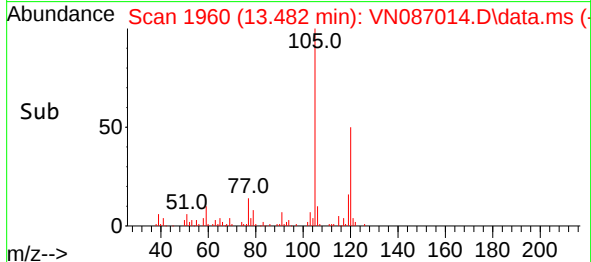
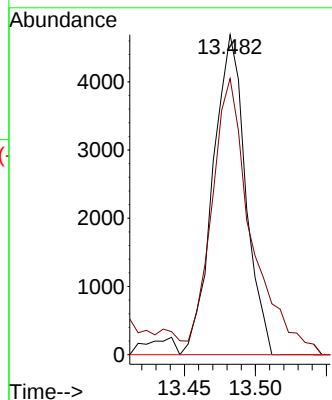
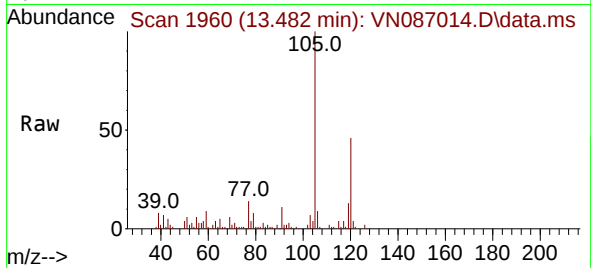




#83
tert-Butylbenzene
Concen: 0.789 ug/l
RT: 13.482 min Scan# 1952
Delta R.T. 0.047 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

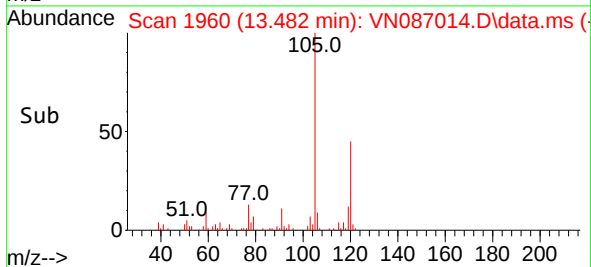
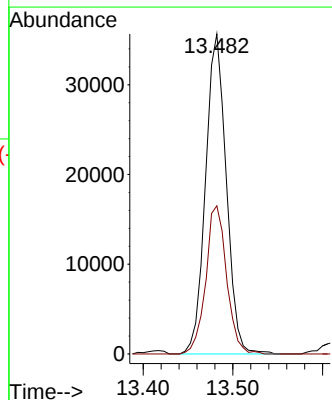
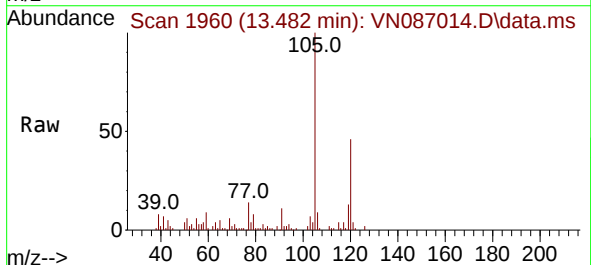
Instrument :
MSVOA_N
ClientSampleId :
250611078-02-VOARE

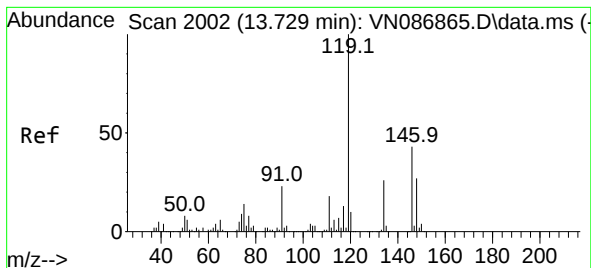
Tgt Ion:119 Resp: 7483
Ion Ratio Lower Upper
119 100
91 104.5 32.1 96.5#
134 0.0 13.4 40.1#



#84
1,2,4-Trimethylbenzene
Concen: 5.508 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion:105 Resp: 57257
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





#86

p-Isopropyltoluene

Concen: 18.246 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087014.D

Acq: 13 Jun 2025 19:51

Instrument :

MSVOA_N

ClientSampleId :

250611078-02-VOARE

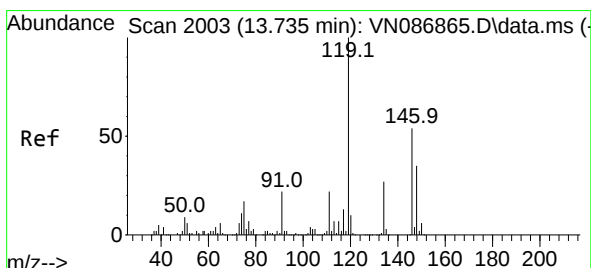
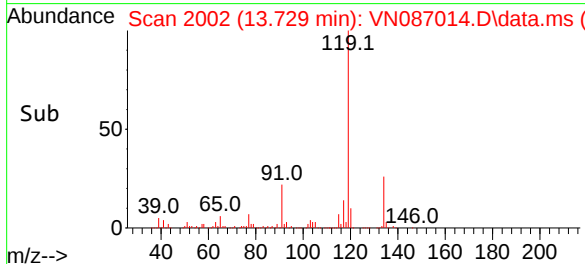
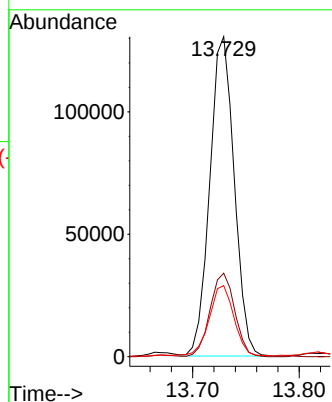
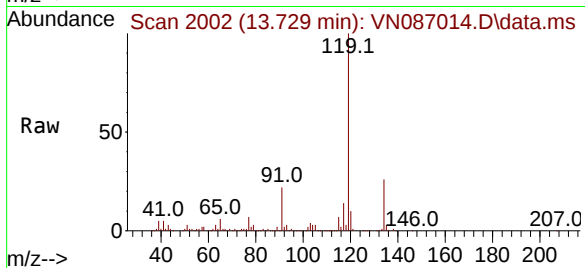
Tgt Ion:119 Resp: 207851

Ion Ratio Lower Upper

119 100

134 26.3 13.5 40.4

91 22.2 11.5 34.4



#87

1,3-Dichlorobenzene

Concen: 4.321 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.076 min

Lab File: VN087014.D

Acq: 13 Jun 2025 19:51

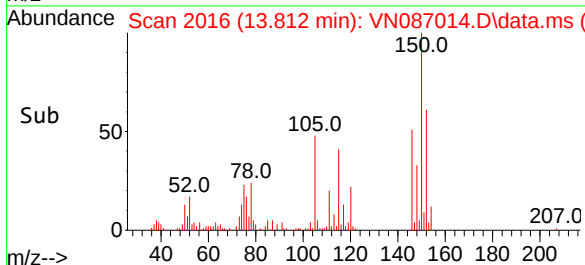
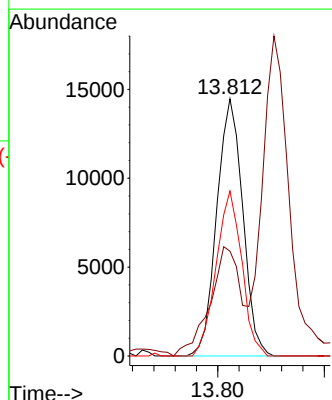
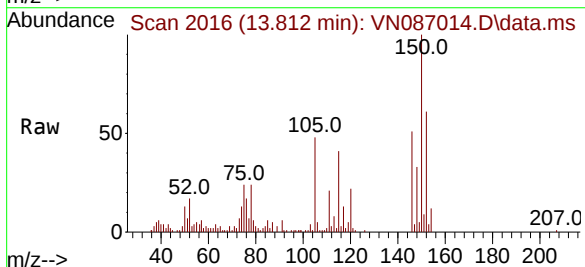
Tgt Ion:146 Resp: 24483

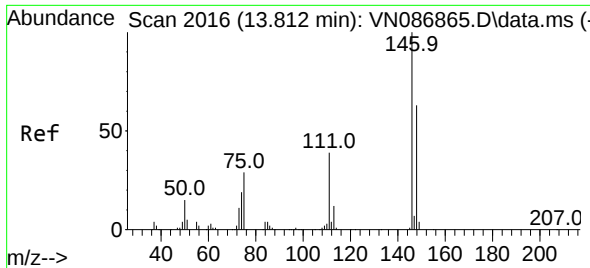
Ion Ratio Lower Upper

146 100

111 51.6 20.9 62.8

148 63.3 32.0 96.2

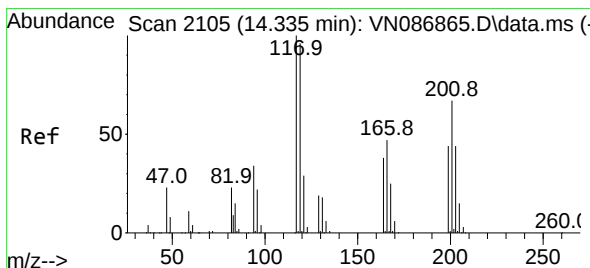
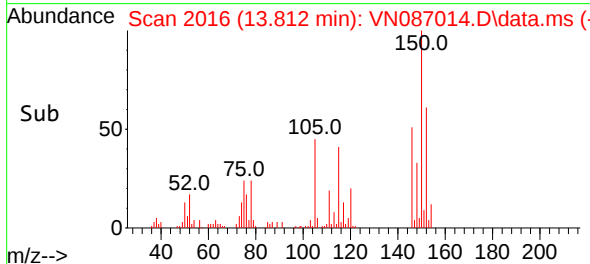
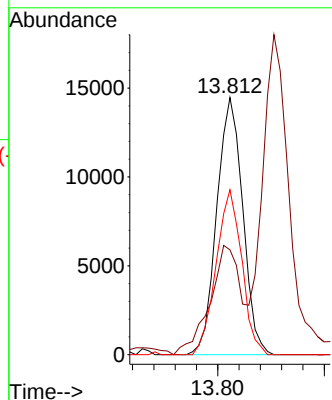
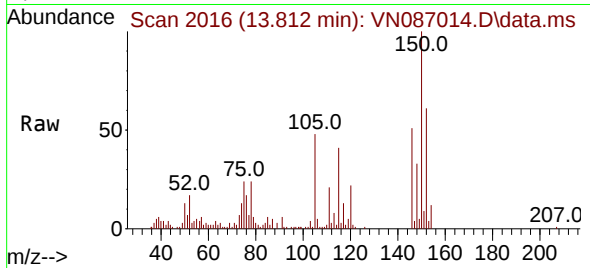




#88
 1,4-Dichlorobenzene
 Concen: 4.239 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN087014.D
 Acq: 13 Jun 2025 19:51

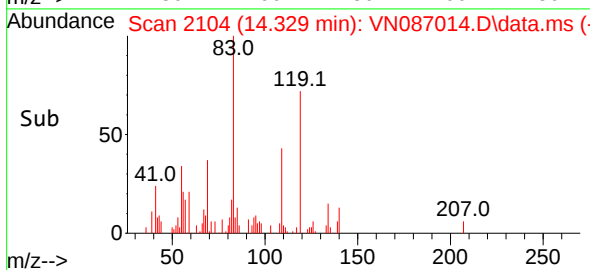
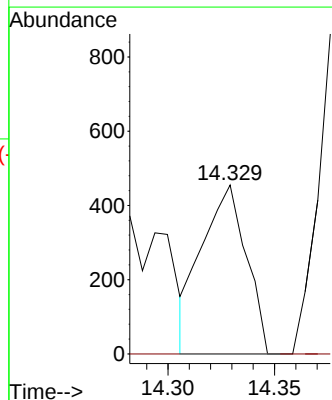
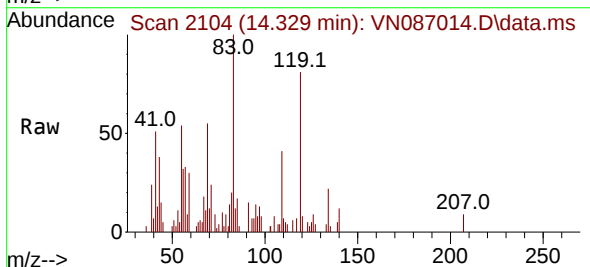
Instrument :
 MSVOA_N
 ClientSampleId :
 250611078-02-VOARE

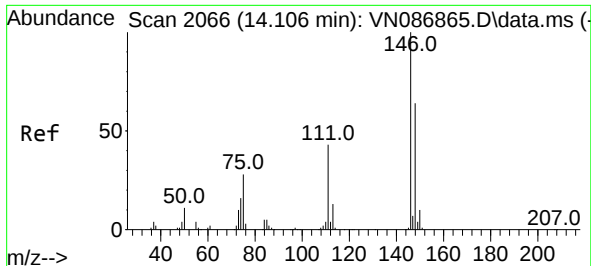
Tgt Ion:146 Resp: 24483
 Ion Ratio Lower Upper
 146 100
 111 51.6 19.9 59.7
 148 63.3 31.8 95.4



#90
 Hexachloroethane
 Concen: 0.343 ug/l
 RT: 14.329 min Scan# 2104
 Delta R.T. -0.006 min
 Lab File: VN087014.D
 Acq: 13 Jun 2025 19:51

Tgt Ion:117 Resp: 662
 Ion Ratio Lower Upper
 117 100
 201 0.0 33.2 99.6#

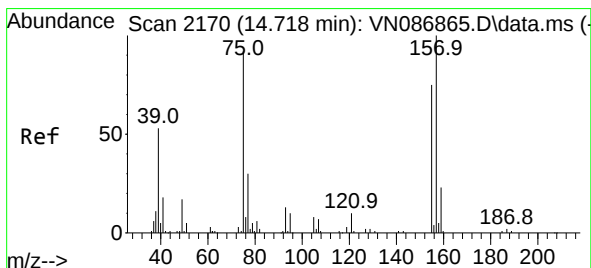
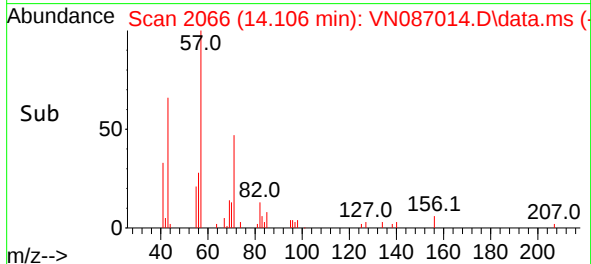
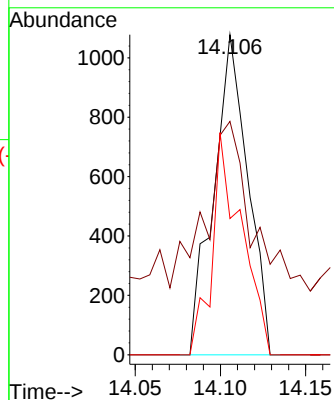
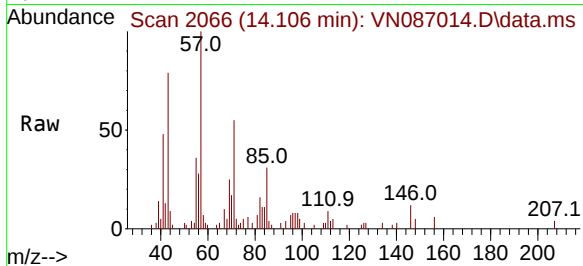




#91
1,2-Dichlorobenzene
Concen: 0.277 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

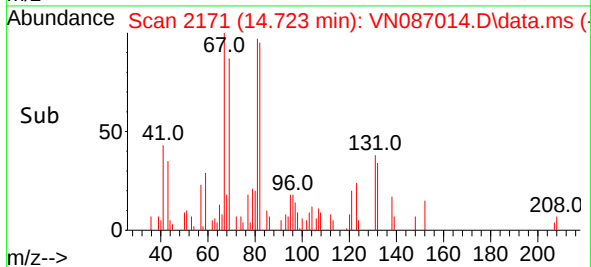
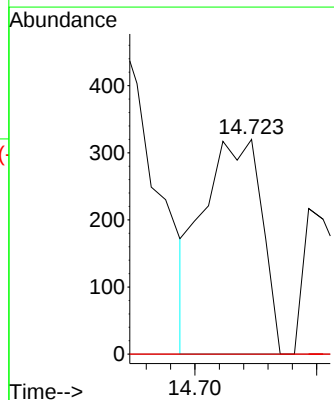
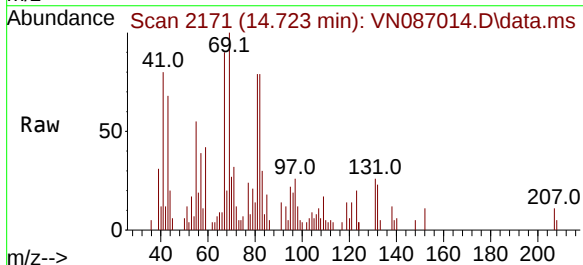
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MSVOA_N
ClientSampleId :
250611078-02-VOARE

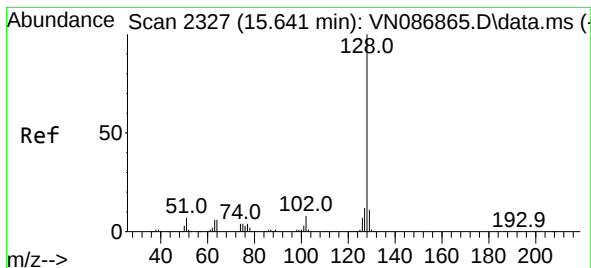
Tgt Ion:146 Resp: 1508
Ion Ratio Lower Upper
146 100
111 68.8 21.6 64.6#
148 59.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.526 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN087014.D
Acq: 13 Jun 2025 19:51

Tgt Ion: 75 Resp: 535
Ion Ratio Lower Upper
75 100
155 0.0 41.1 123.4#
157 0.0 52.7 158.1#





#95

Naphthalene

Concen: 29.956 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087014.D

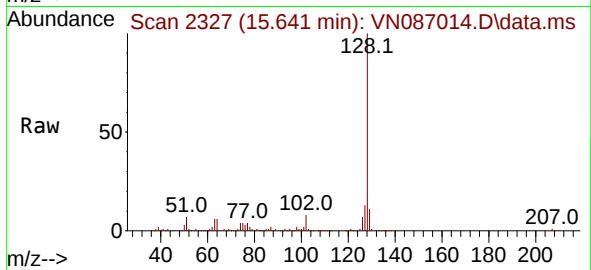
Acq: 13 Jun 2025 19:51

Instrument :

MSVOA_N

ClientSampleId :

250611078-02-VOARE



Tgt Ion:128 Resp: 387562

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 10.8 8.8 13.2

