

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086010.D
 Acq On : 19 Mar 2025 15:38
 Operator : JC\MD
 Sample : PB167194TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167194TB

Quant Time: Mar 20 01:32:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	133320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	235728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101472	55.583	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.160%			
35) Dibromofluoromethane	8.165	113	83323	50.641	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.280%			
50) Toluene-d8	10.565	98	307423	51.482	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.847	95	105109	49.356	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.720%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	319	0.206	ug/l #	42
5) Bromomethane	2.983	94	566	0.525	ug/l	99
11) Tert butyl alcohol	5.530	59	3007	11.634	ug/l #	78
13) Acrolein	4.183	56	70	0.254	ug/l #	15
15) Acrylonitrile	5.718	53	151	0.221	ug/l #	19
16) Acetone	4.430	43	18485	33.143	ug/l	97
17) Carbon Disulfide	4.706	76	1404	0.313	ug/l #	74
18) Methyl Acetate	5.024	43	1125	0.815	ug/l #	45
20) Methylene Chloride	5.271	84	3742	2.293	ug/l #	86
25) 2-Butanone	7.483	43	14048	17.456	ug/l	91
31) Cyclohexane	8.218	56	2469	1.085	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	10888	5.026	ug/l #	47
37) Ethyl Acetate	7.553	43	2077	1.136	ug/l #	64
38) Carbon Tetrachloride	8.218	117	13525	4.748	ug/l #	16
43) Isopropyl Acetate	8.688	43	71761	18.118	ug/l #	89
45) 1,2-Dichloropropane	9.735	63	1081	0.699	ug/l #	44
48) Methyl methacrylate	9.659	41	3658	2.799	ug/l #	33
49) 1,4-Dioxane	9.735	88	56	1.813	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	3093	1.771	ug/l	99
53) t-1,3-Dichloropropene	10.718	75	617	0.250	ug/l #	71
54) cis-1,3-Dichloropropene	10.353	75	29797	11.438	ug/l #	65
56) Ethyl methacrylate	10.977	69	1270	0.819	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	4370	1.615	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.159	63	481	4.069	ug/l #	43
59) 2-Hexanone	11.200	43	51680	40.613	ug/l #	57
74) N-amyl acetate	12.459	43	2767	1.346	ug/l #	37
76) 1,2,3-Trichloropropane	12.847	75	53599	26.603	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53599	70.334	ug/l #	16
87) 1,3-Dichlorobenzene	13.729	146	635	0.206	ug/l	81
89) n-Butylbenzene	14.053	91	1398	0.350	ug/l #	83
91) 1,2-Dichlorobenzene	14.100	146	735	0.239	ug/l #	68
93) 1,2,4-Trichlorobenzene	15.382	180	920	0.596	ug/l	79
94) Hexachlorobutadiene	15.500	225	638	0.712	ug/l	81
95) Naphthalene	15.635	128	4378	0.979	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.841	180	1259	0.859	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

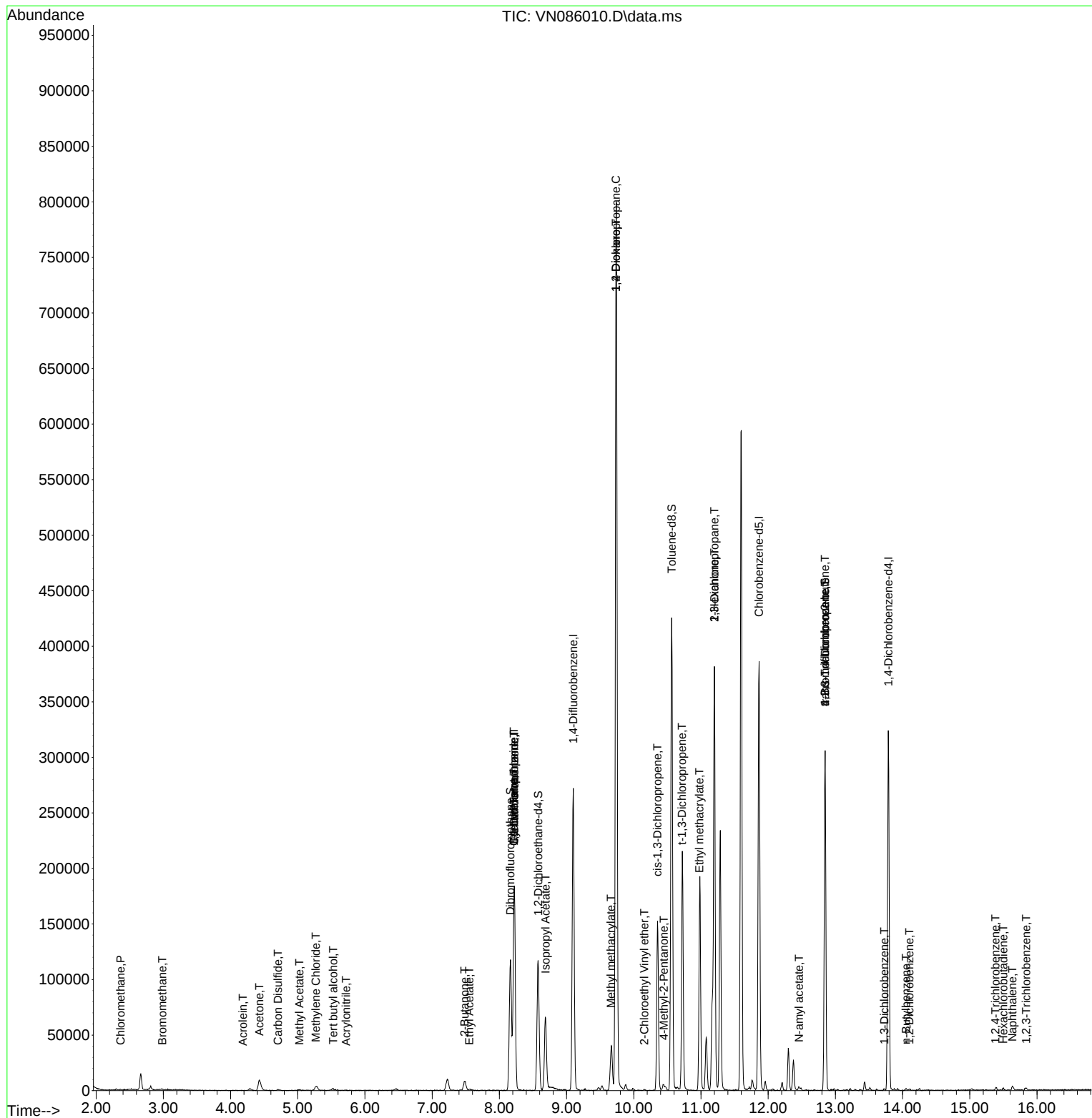
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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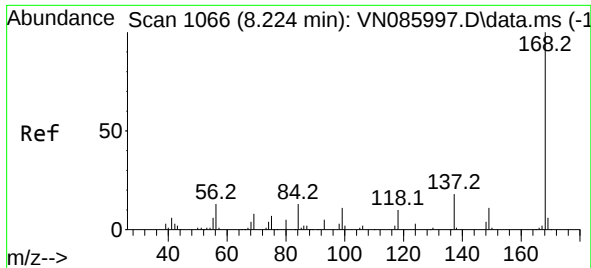
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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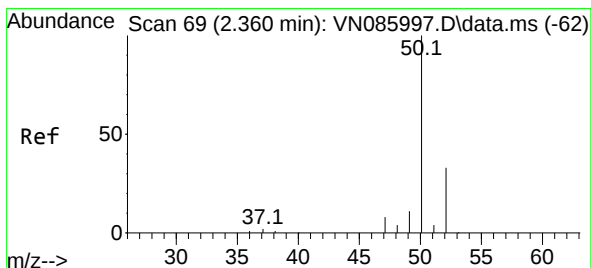
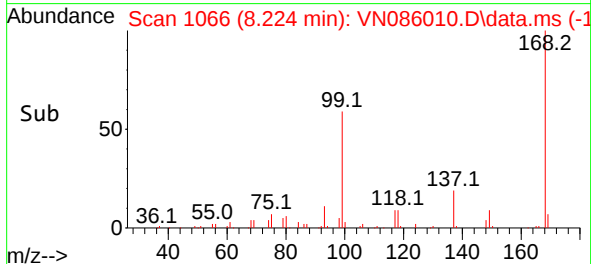
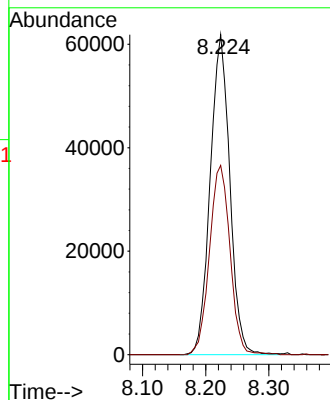
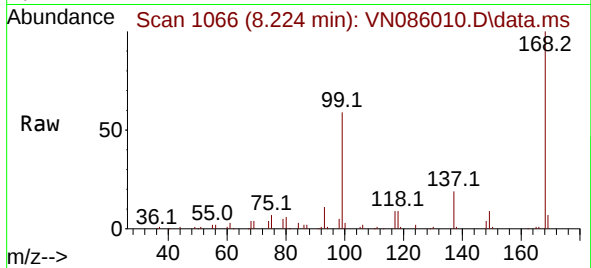




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

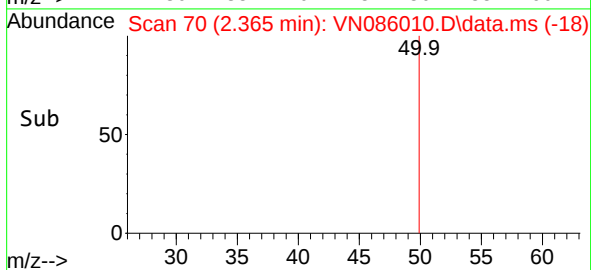
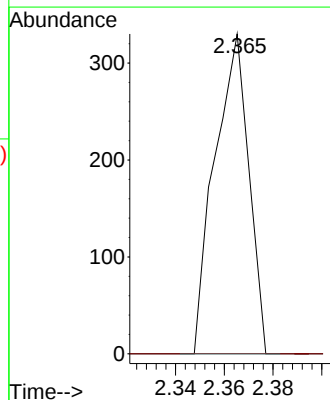
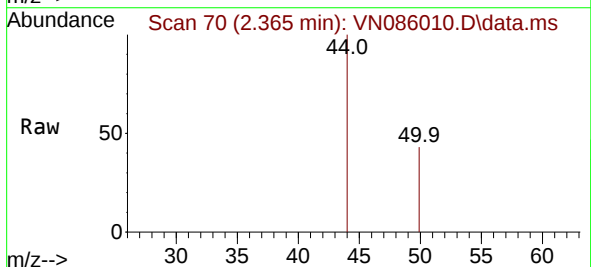
Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

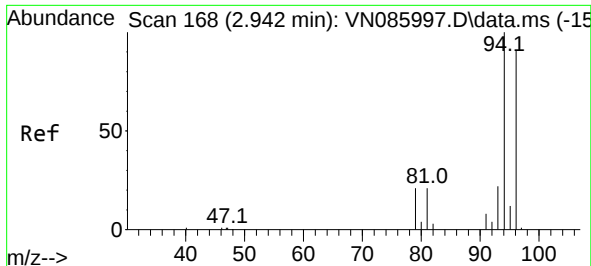
Tgt Ion:168 Resp: 133320
Ion Ratio Lower Upper
168 100
99 59.1 49.4 74.2



#3
Chloromethane
Concen: 0.206 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion: 50 Resp: 319
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

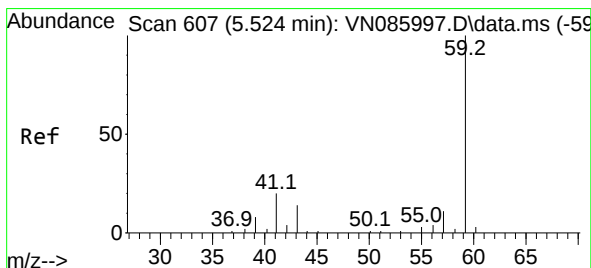
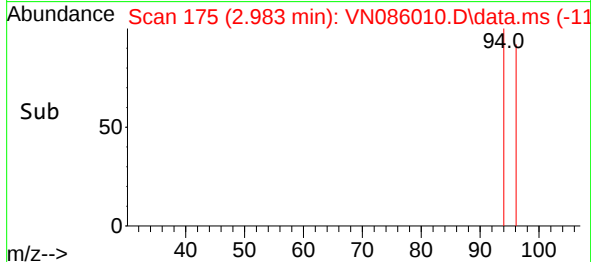
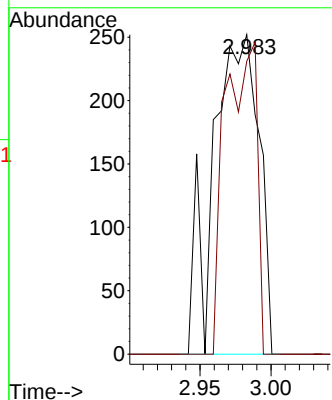
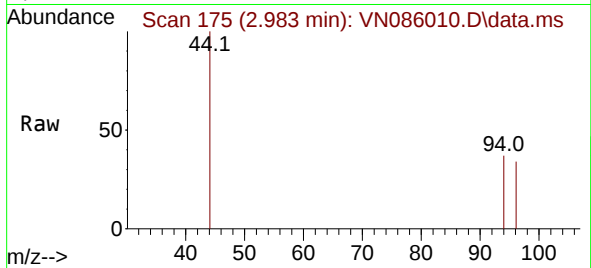




#5
Bromomethane
Concen: 0.525 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

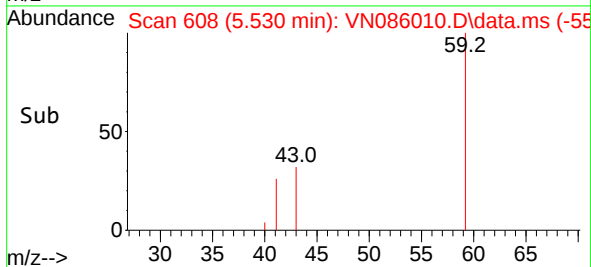
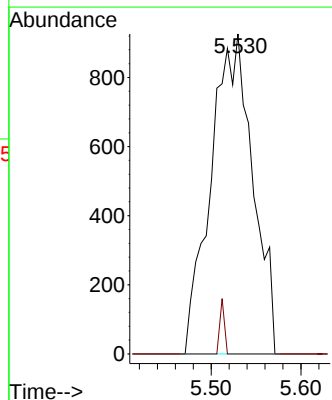
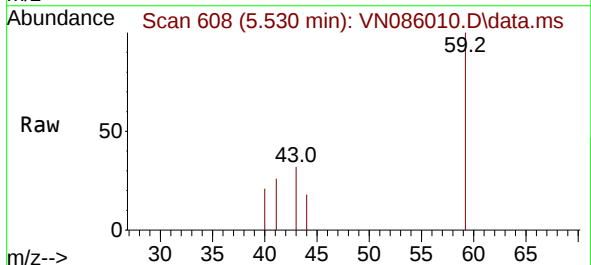
Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

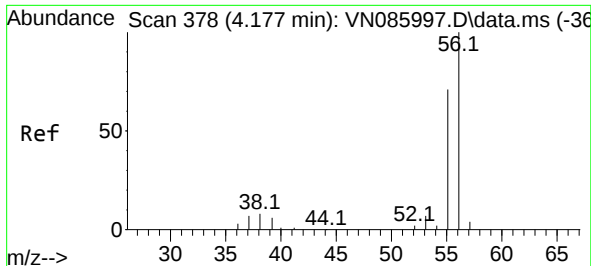
Tgt Ion: 94 Resp: 566
Ion Ratio Lower Upper
94 100
96 91.7 72.8 109.2



#11
Tert butyl alcohol
Concen: 11.634 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion: 59 Resp: 3007
Ion Ratio Lower Upper
59 100
57 1.9 7.9 11.9#

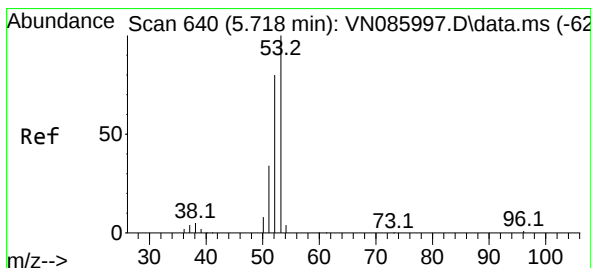
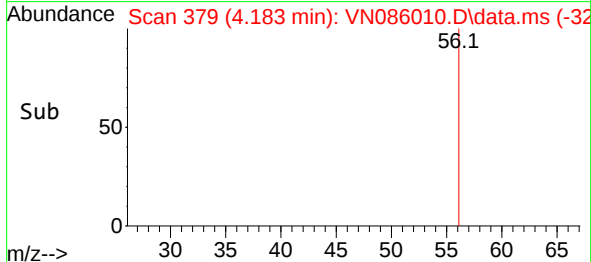
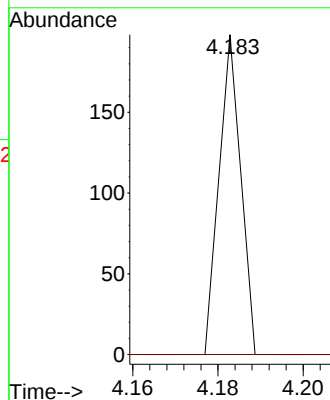
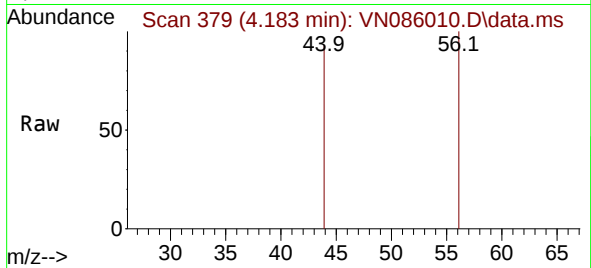




#13
Acrolein
Concen: 0.254 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

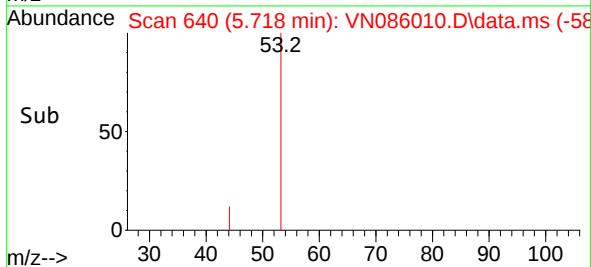
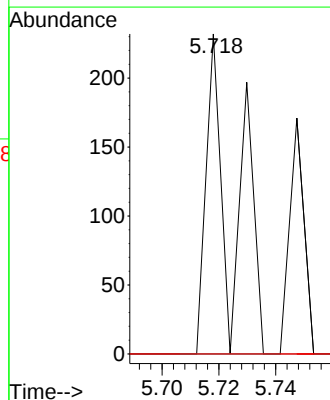
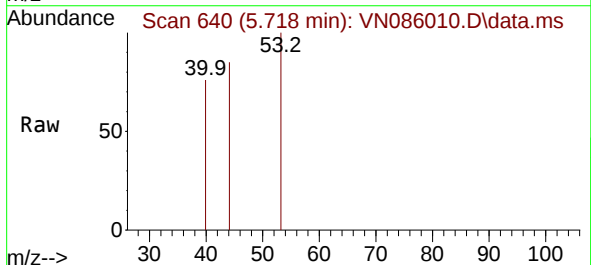
Instrument :
MSVOA_N
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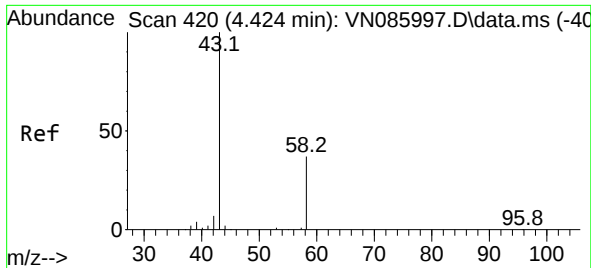
Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 0.0 55.1 82.7#



#15
Acrylonitrile
Concen: 0.221 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion: 53 Resp: 151
Ion Ratio Lower Upper
53 100
52 0.0 63.9 95.9#
51 0.0 27.1 40.7#





#16

Acetone

Concen: 33.143 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN086010.D

Acq: 19 Mar 2025 15:38

Instrument :

MSVOA_N

ClientSampleId :

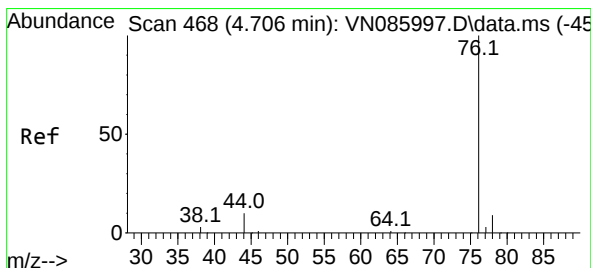
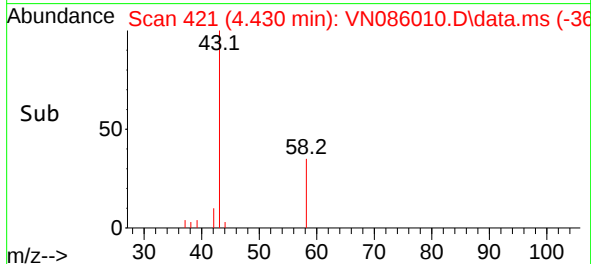
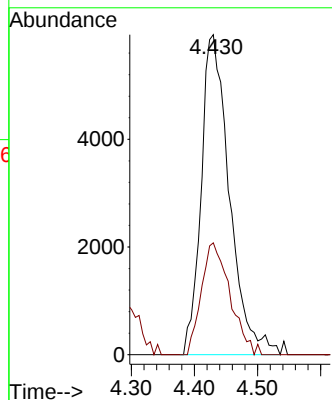
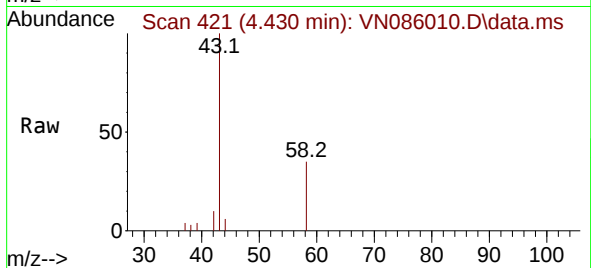
PB167194TB

Tgt Ion: 43 Resp: 18485

Ion Ratio Lower Upper

43 100

58 34.9 29.4 44.2



#17

Carbon Disulfide

Concen: 0.313 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.000 min

Lab File: VN086010.D

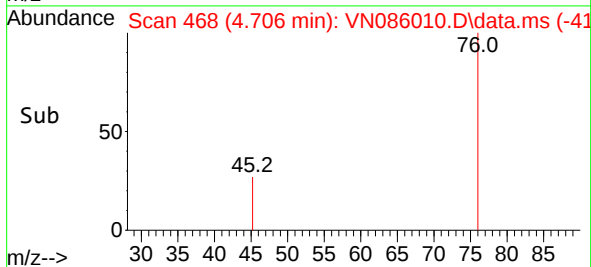
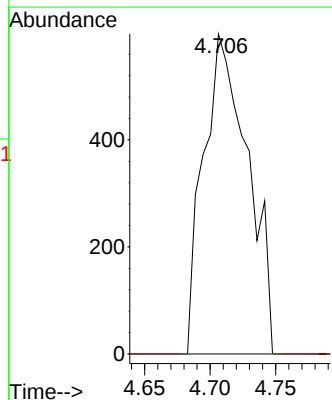
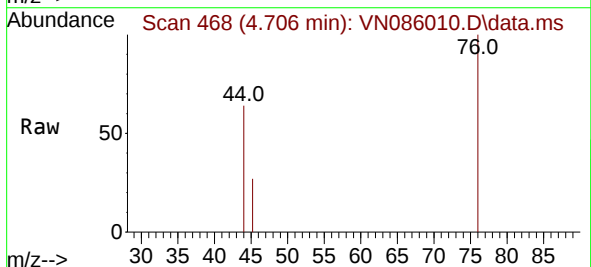
Acq: 19 Mar 2025 15:38

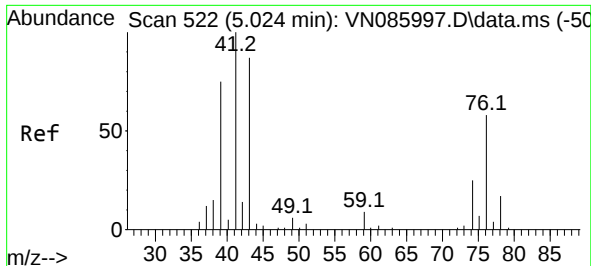
Tgt Ion: 76 Resp: 1404

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#

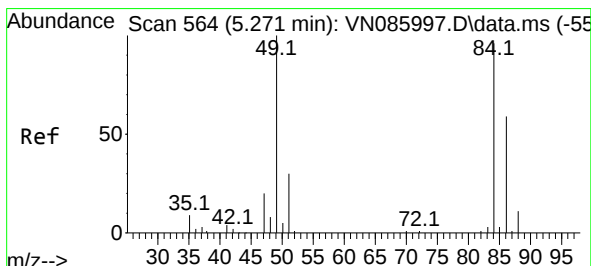
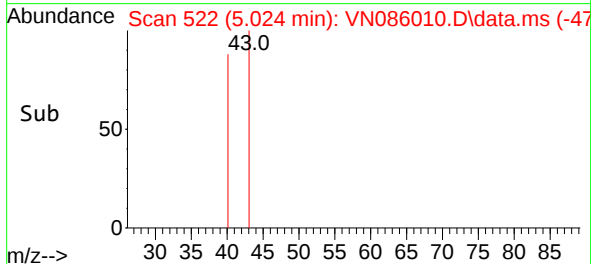
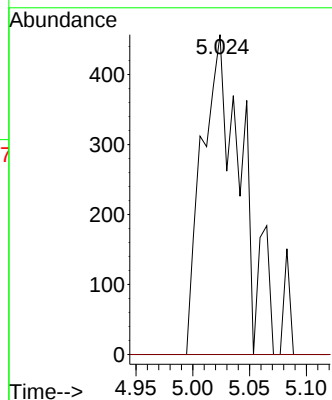
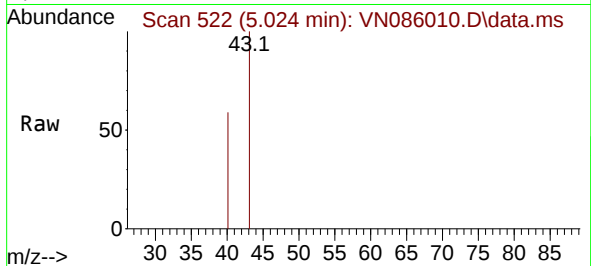




#18
Methyl Acetate
Concen: 0.815 ug/l
RT: 5.024 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

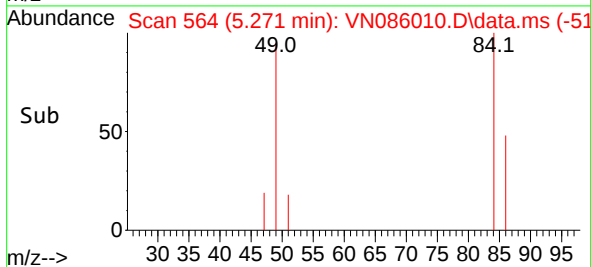
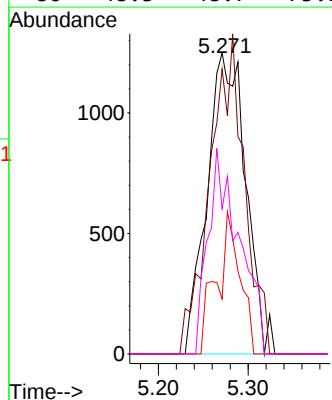
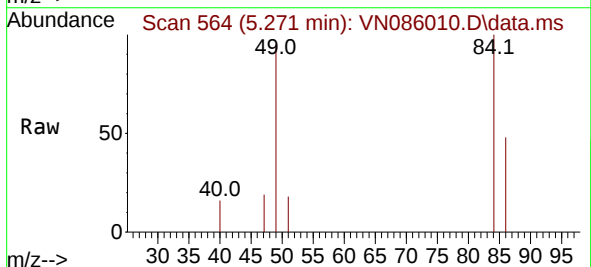
Instrument :
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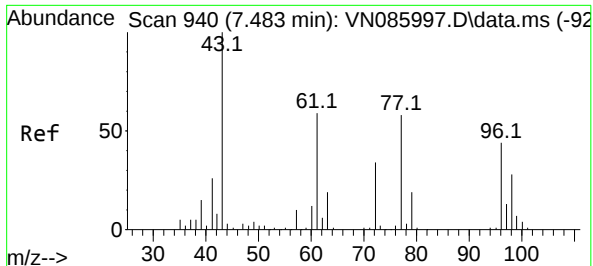
Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
74 0.0 23.9 35.9#



#20
Methylene Chloride
Concen: 2.293 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion: 84 Resp: 3742
Ion Ratio Lower Upper
84 100
49 94.7 83.3 124.9
51 18.3 24.8 37.2#
86 48.3 48.7 73.1#

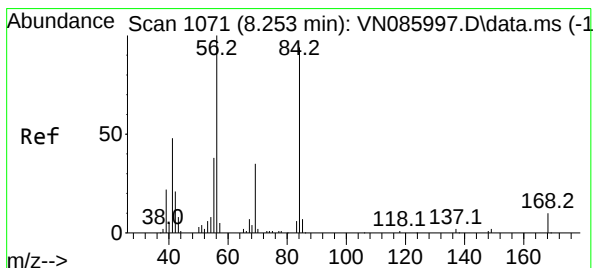
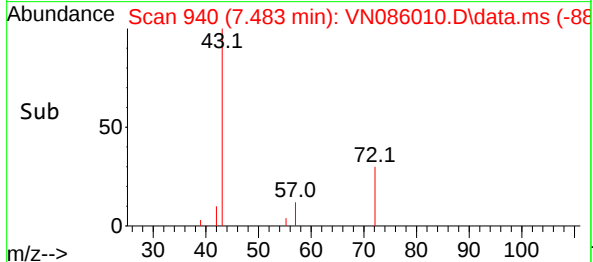
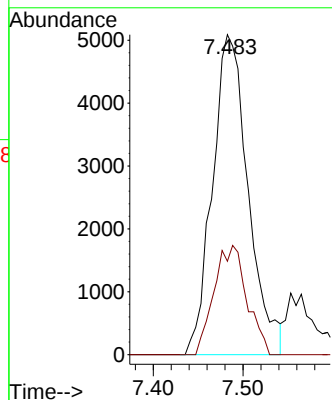
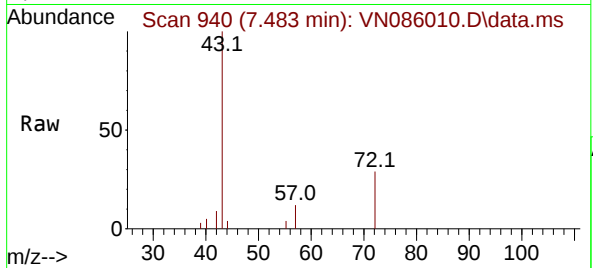




#25
2-Butanone
Concen: 17.456 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

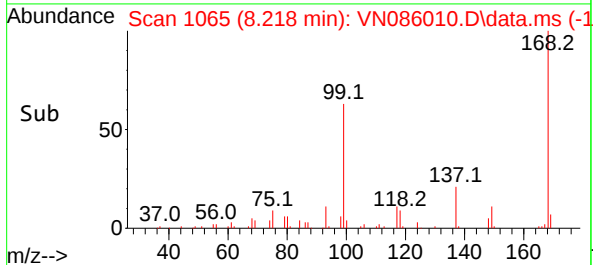
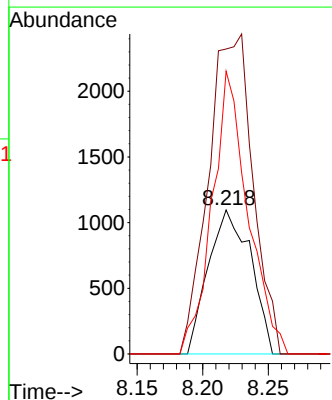
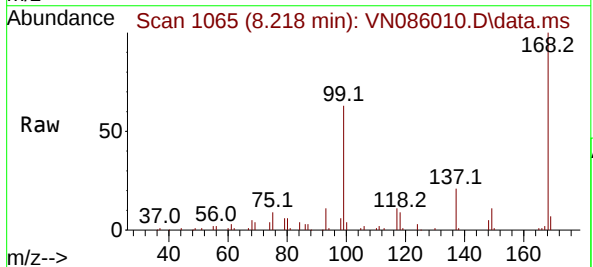
Instrument :
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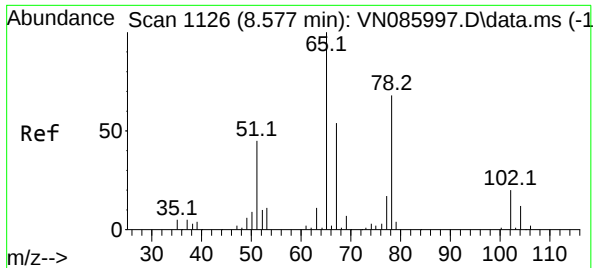
Tgt Ion: 43 Resp: 14048
Ion Ratio Lower Upper
43 100
72 29.2 27.4 41.0



#31
Cyclohexane
Concen: 1.085 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion: 56 Resp: 2469
Ion Ratio Lower Upper
56 100
69 211.8 28.0 42.0#
84 196.4 75.0 112.6#





#33

1,2-Dichloroethane-d4

Concen: 55.583 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086010.D

Acq: 19 Mar 2025 15:38

Instrument :

MSVOA_N

ClientSampleId :

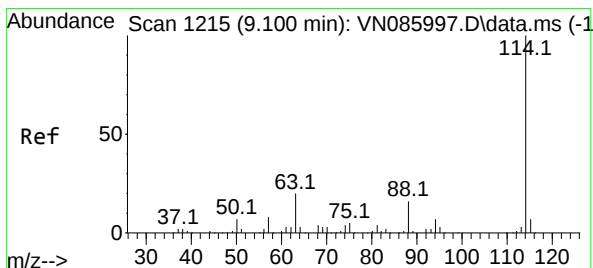
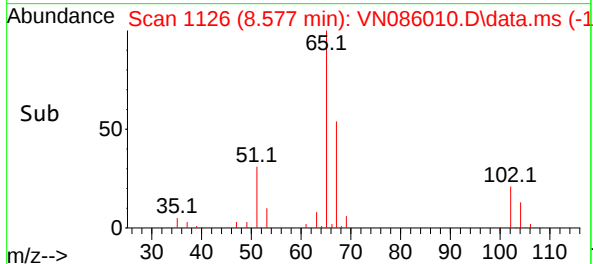
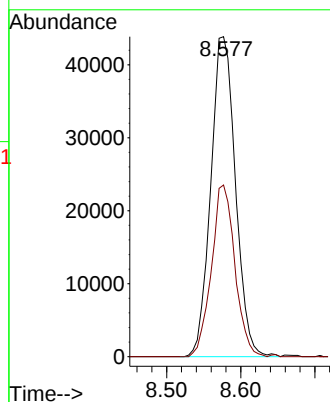
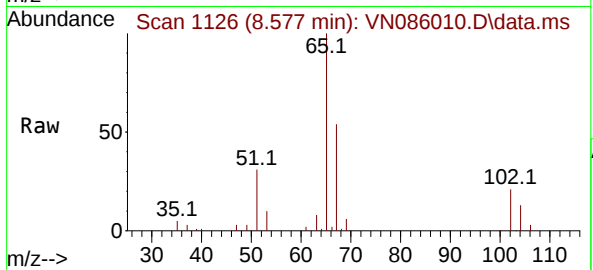
PB167194TB

Tgt Ion: 65 Resp: 101472

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086010.D

Acq: 19 Mar 2025 15:38

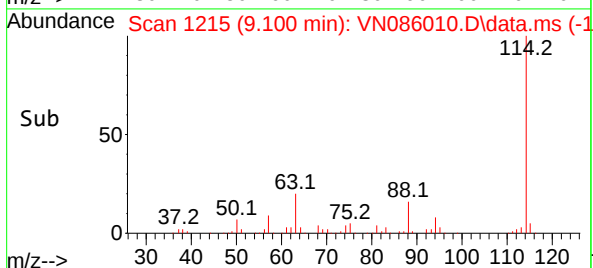
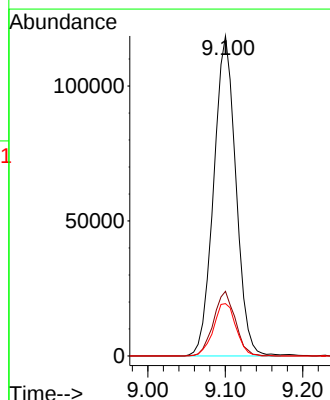
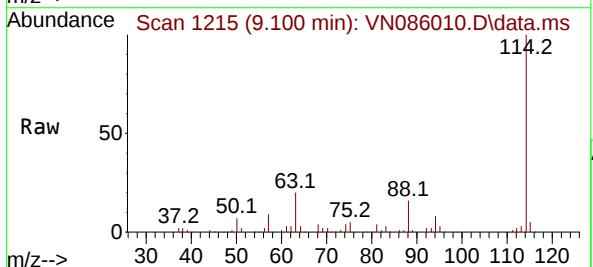
Tgt Ion: 114 Resp: 235728

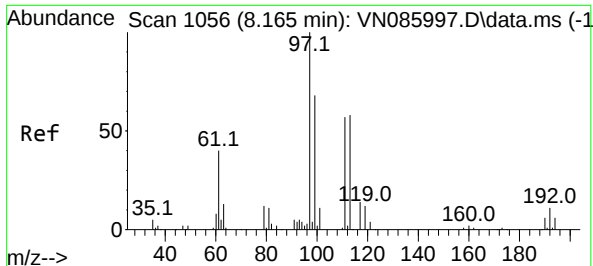
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.641 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086010.D

Acq: 19 Mar 2025 15:38

Instrument :

MSVOA_N

ClientSampleId :

PB167194TB

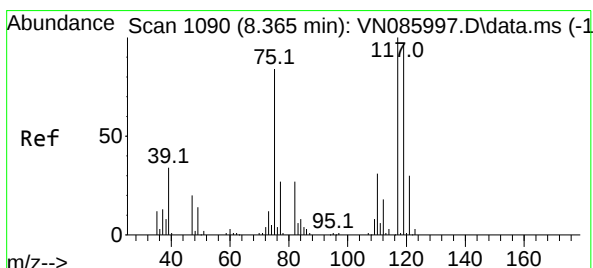
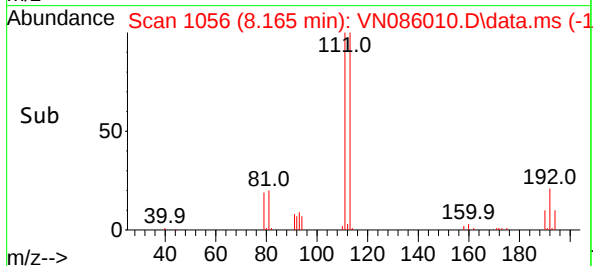
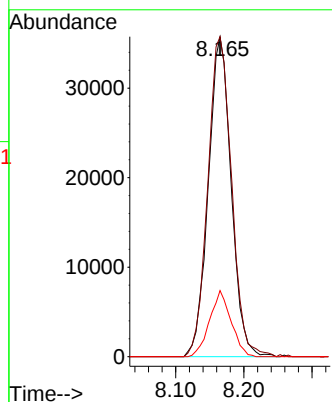
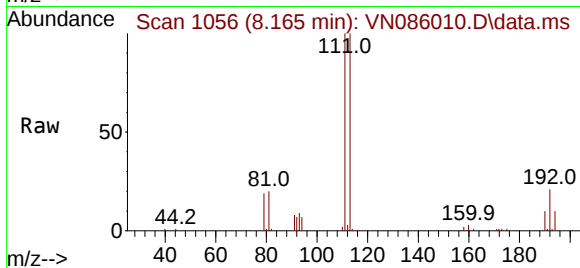
Tgt Ion:113 Resp: 83323

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.8

192 19.4 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.026 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN086010.D

Acq: 19 Mar 2025 15:38

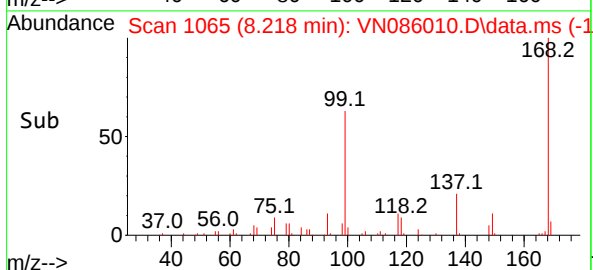
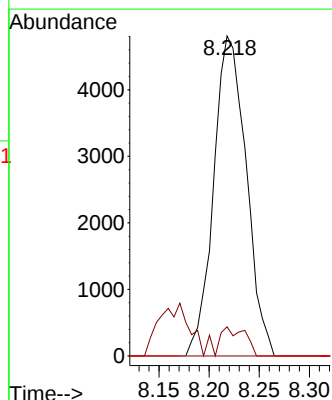
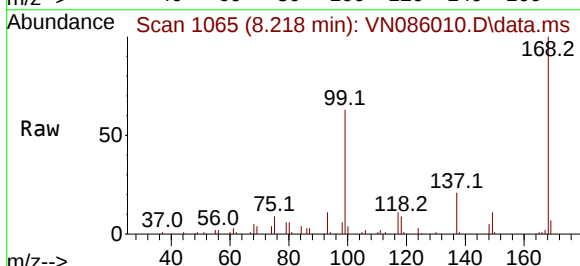
Tgt Ion: 75 Resp: 10888

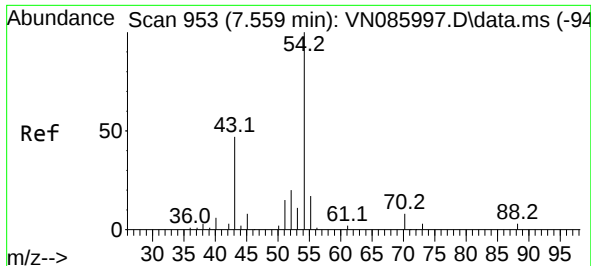
Ion Ratio Lower Upper

75 100

110 6.7 17.8 53.3#

77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.136 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086010.D

Acq: 19 Mar 2025 15:38

Instrument :

MSVOA_N

ClientSampleId :

PB167194TB

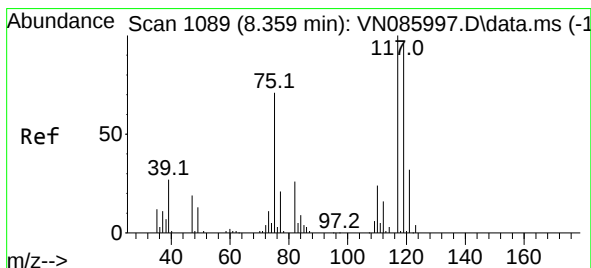
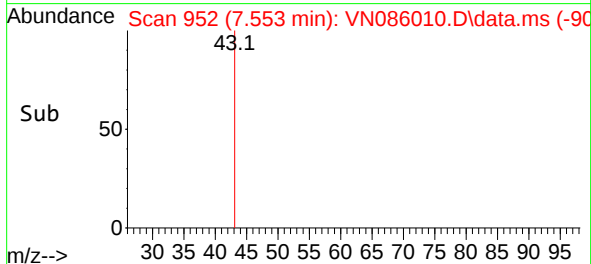
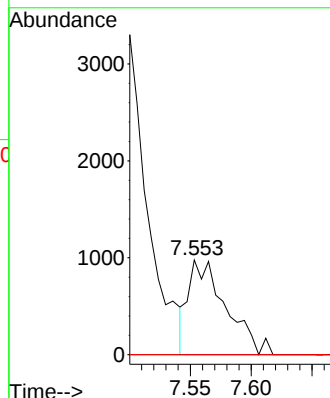
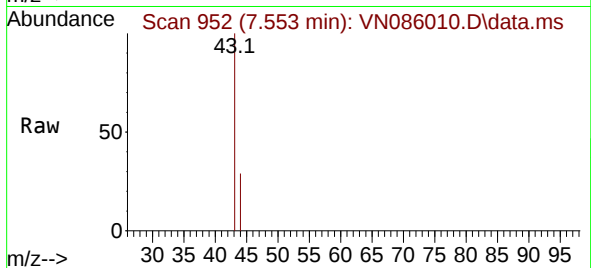
Tgt Ion: 43 Resp: 2077

Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.4#

70 0.0 11.0 16.6#



#38

Carbon Tetrachloride

Concen: 4.748 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN086010.D

Acq: 19 Mar 2025 15:38

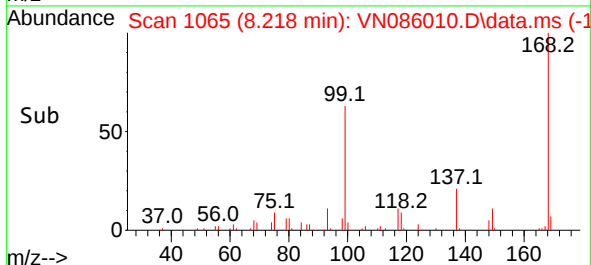
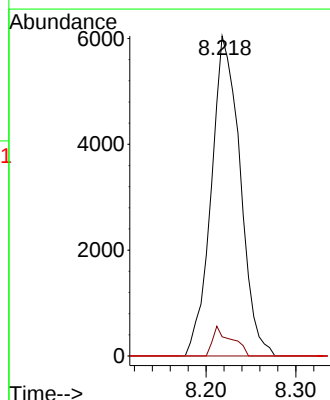
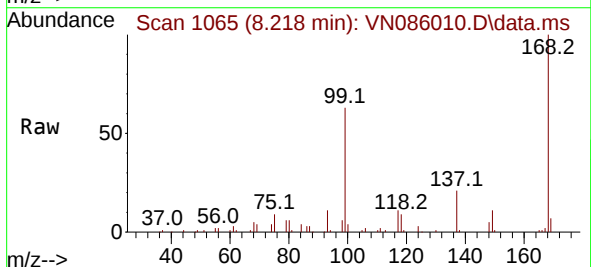
Tgt Ion: 117 Resp: 13525

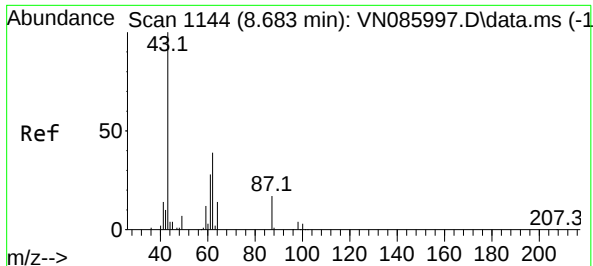
Ion Ratio Lower Upper

117 100

119 6.0 77.0 115.4#

121 0.0 25.6 38.4#

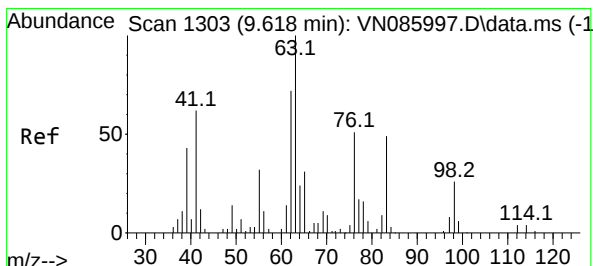
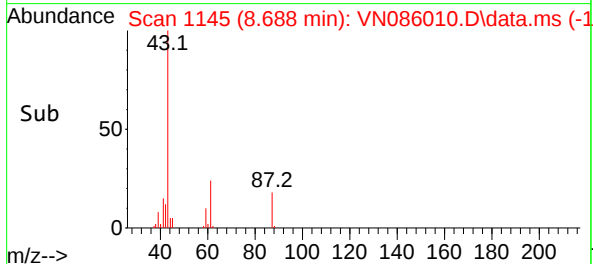
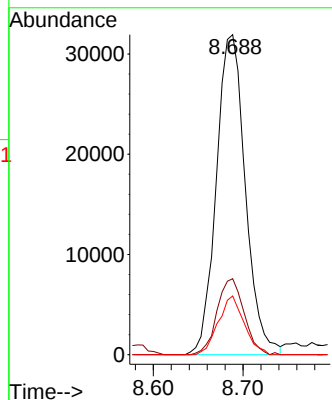
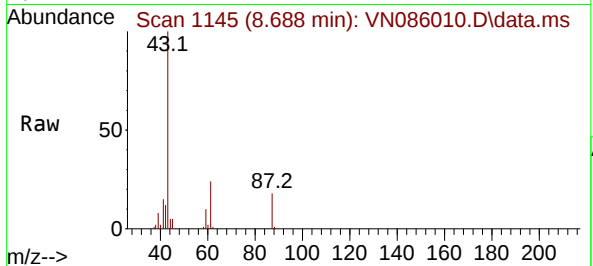




#43
Isopropyl Acetate
Concen: 18.118 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

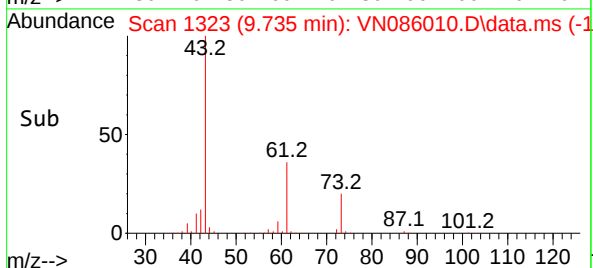
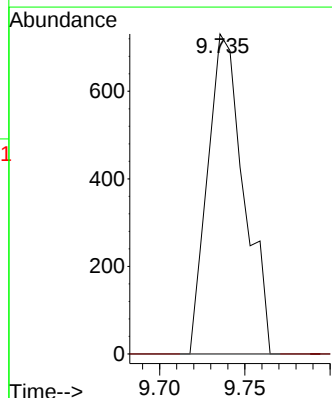
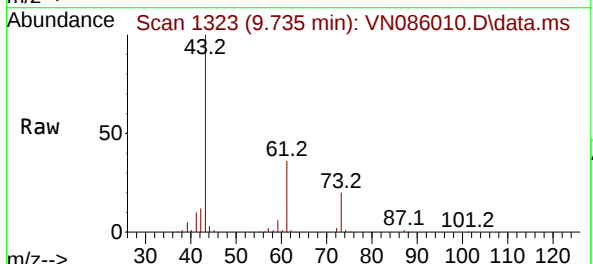
Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

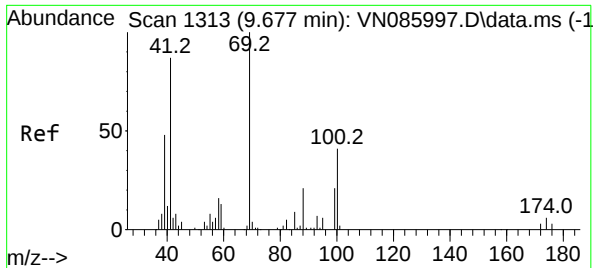
Tgt Ion: 43 Resp: 71761
Ion Ratio Lower Upper
43 100
61 22.1 25.0 37.6#
87 16.4 13.0 19.4



#45
1,2-Dichloropropane
Concen: 0.699 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.118 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion: 63 Resp: 1081
Ion Ratio Lower Upper
63 100
65 0.0 24.7 37.1#

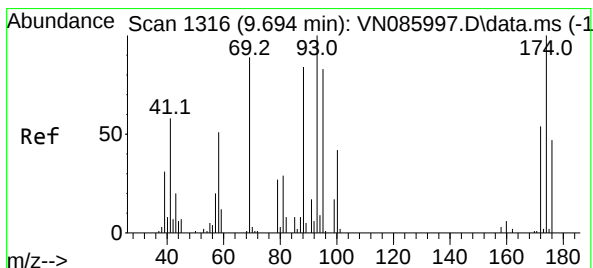
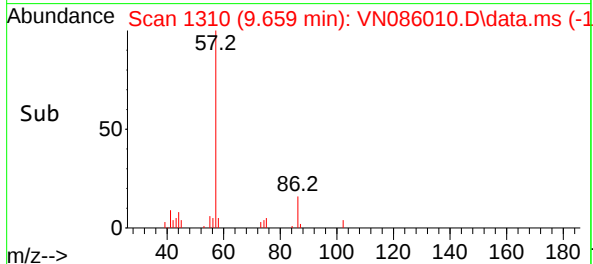
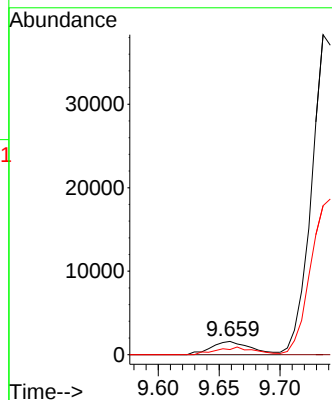
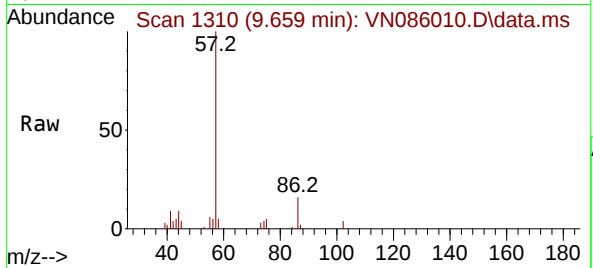




#48
Methyl methacrylate
Concen: 2.799 ug/l
RT: 9.659 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

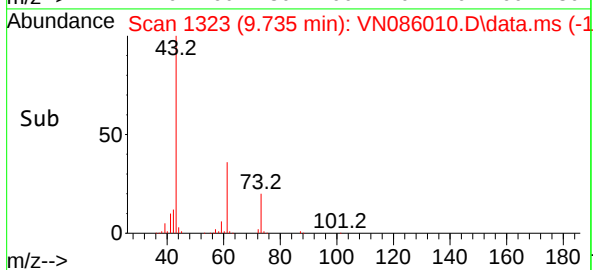
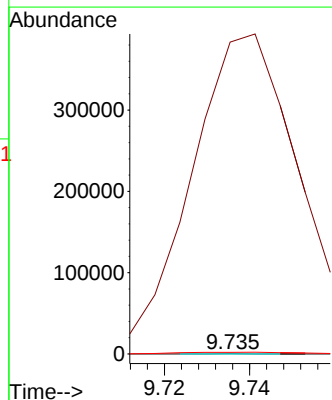
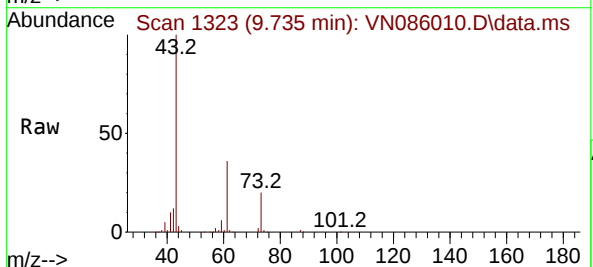
Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

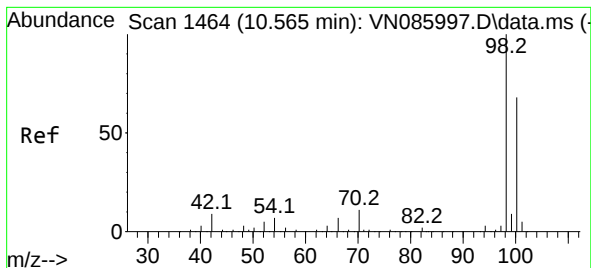
Tgt Ion: 41 Resp: 3658
Ion Ratio Lower Upper
41 100
69 0.0 83.1 124.7#
39 53.8 45.6 68.4



#49
1,4-Dioxane
Concen: 1.813 ug/l
RT: 9.735 min Scan# 1323
Delta R.T. 0.041 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion: 88 Resp: 56
Ion Ratio Lower Upper
88 100
43 1266300.0 21.7 32.5#
58 7944.6 50.4 75.6#





#50

Toluene-d8

Concen: 51.482 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086010.D

Acq: 19 Mar 2025 15:38

Instrument :

MSVOA_N

ClientSampleId :

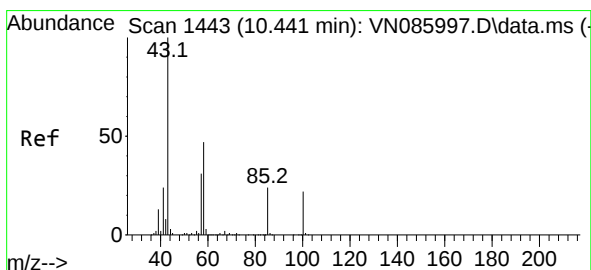
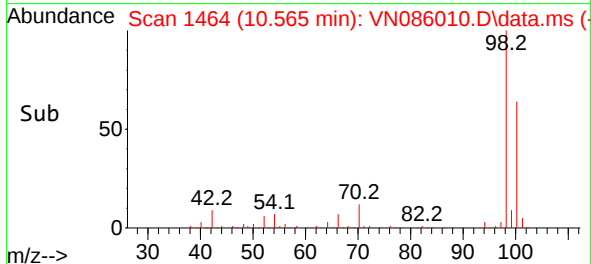
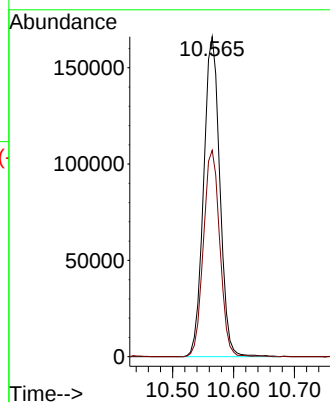
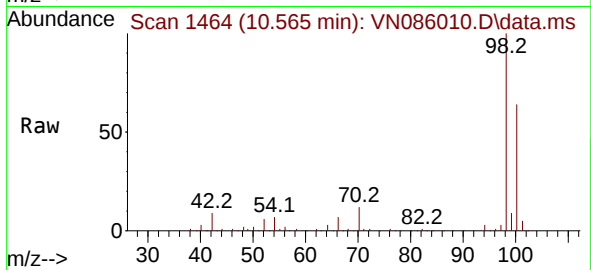
PB167194TB

Tgt Ion: 98 Resp: 307423

Ion Ratio Lower Upper

98 100

100 65.0 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 1.771 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.006 min

Lab File: VN086010.D

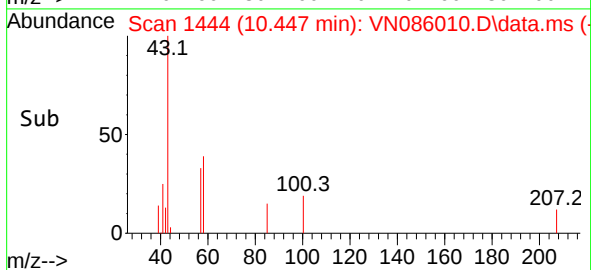
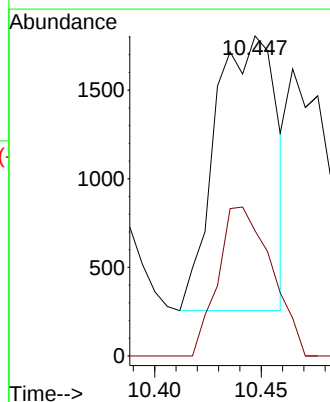
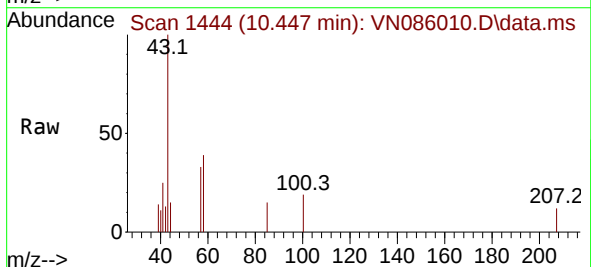
Acq: 19 Mar 2025 15:38

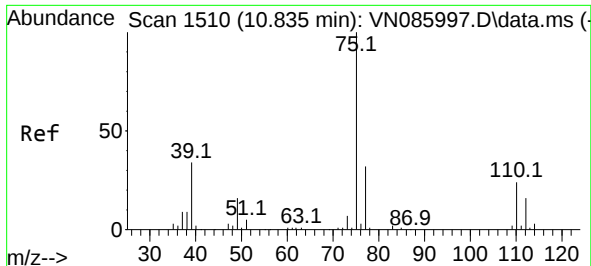
Tgt Ion: 43 Resp: 3093

Ion Ratio Lower Upper

43 100

58 47.5 37.4 56.0

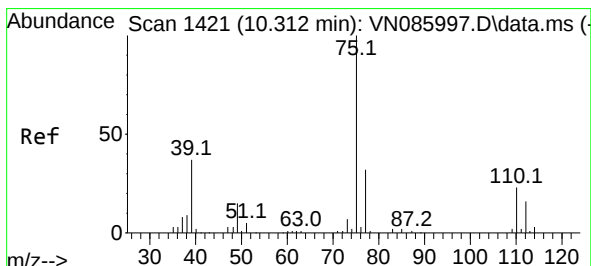
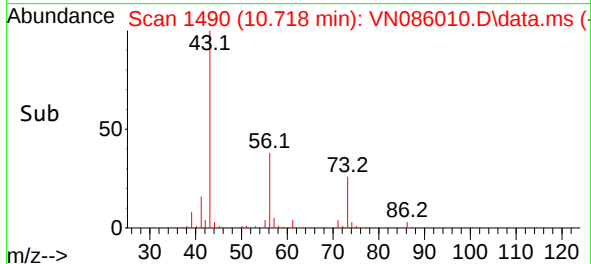
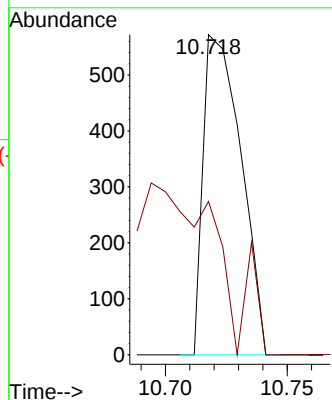
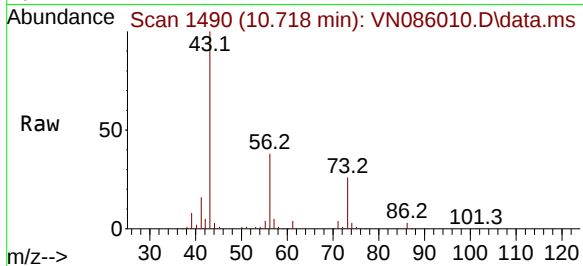




#53
 t-1,3-Dichloropropene
 Concen: 0.250 ug/l
 RT: 10.718 min Scan# 1490
 Delta R.T. -0.118 min
 Lab File: VN086010.D
 Acq: 19 Mar 2025 15:38

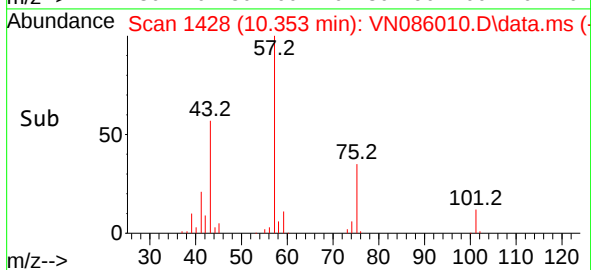
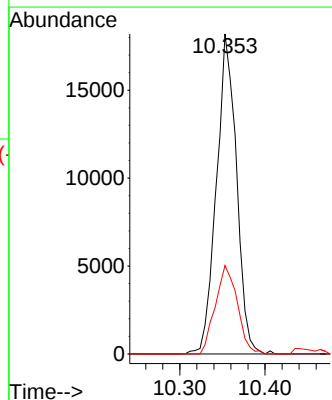
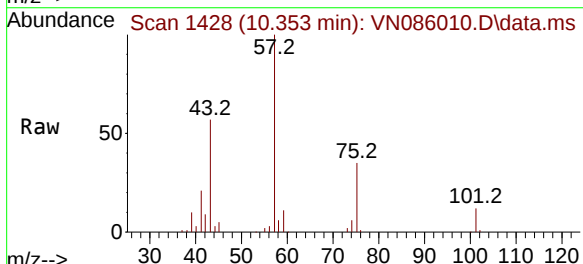
Instrument :
 MSVOA_N
 ClientSampleId :
 PB167194TB

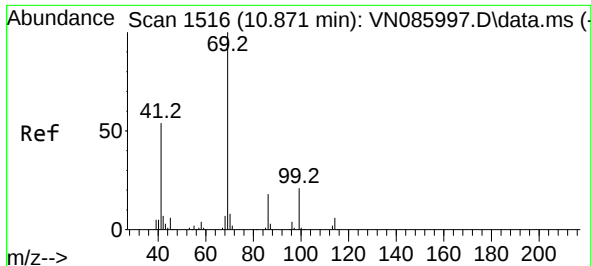
Tgt Ion: 75 Resp: 617
 Ion Ratio Lower Upper
 75 100
 77 47.9 25.3 37.9#



#54
 cis-1,3-Dichloropropene
 Concen: 11.438 ug/l
 RT: 10.353 min Scan# 1428
 Delta R.T. 0.041 min
 Lab File: VN086010.D
 Acq: 19 Mar 2025 15:38

Tgt Ion: 75 Resp: 29797
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 27.7 29.6 44.4#

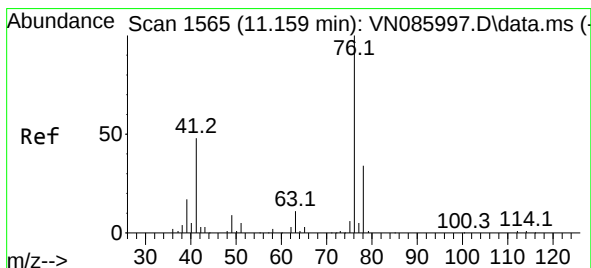
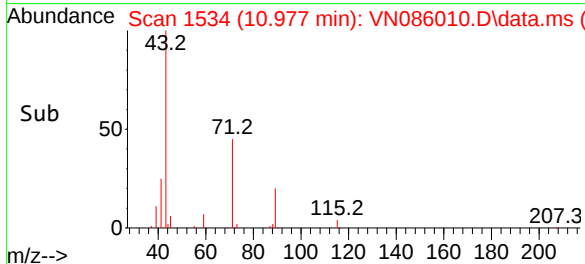
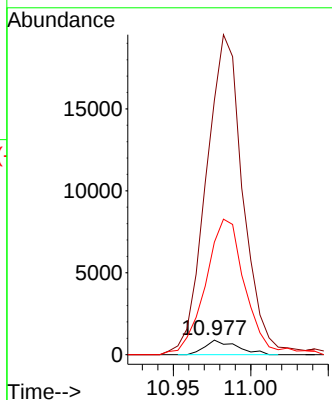
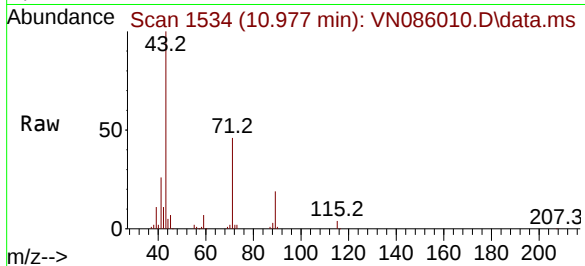




#56
Ethyl methacrylate
Concen: 0.819 ug/l
RT: 10.977 min Scan# 1534
Delta R.T. 0.105 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

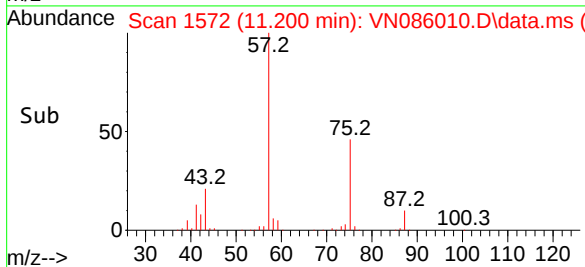
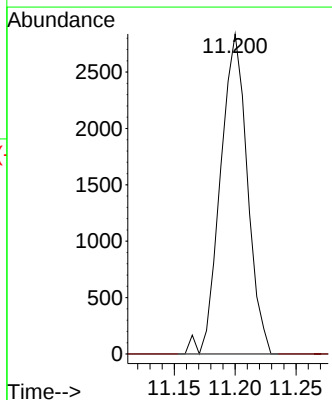
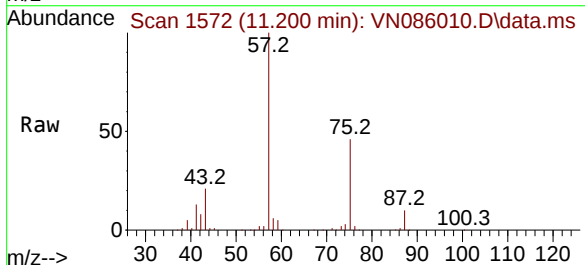
Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

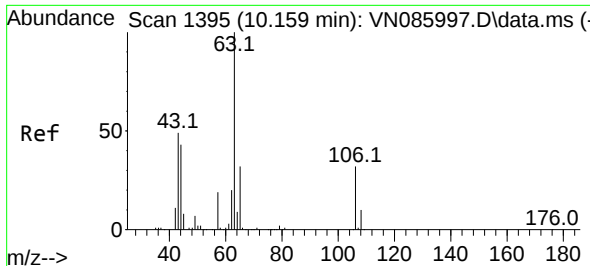
Tgt Ion: 69 Resp: 1270
Ion Ratio Lower Upper
69 100
41 2551.4 41.6 62.4#
39 1167.5 21.8 32.8#



#57
1,3-Dichloropropane
Concen: 1.615 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.041 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion: 76 Resp: 4370
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#

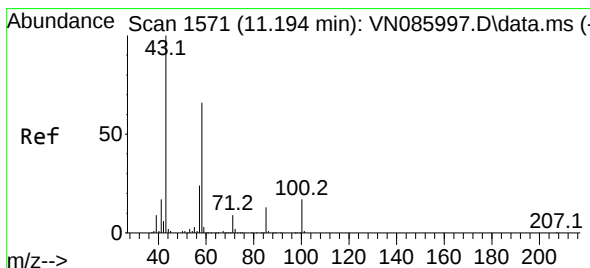
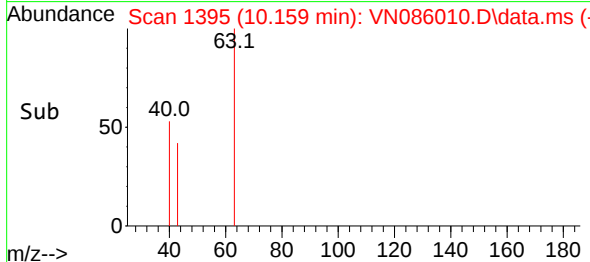
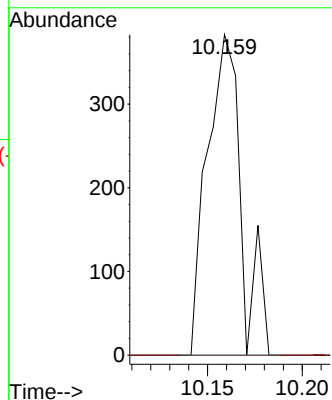
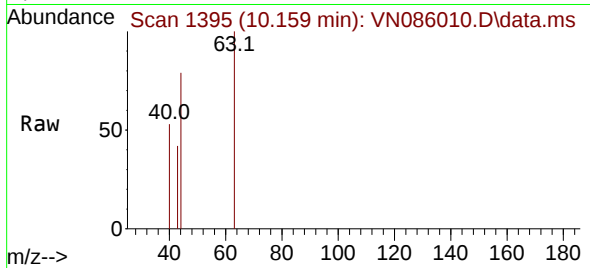




#58
2-Chloroethyl Vinyl ether
Concen: 4.069 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

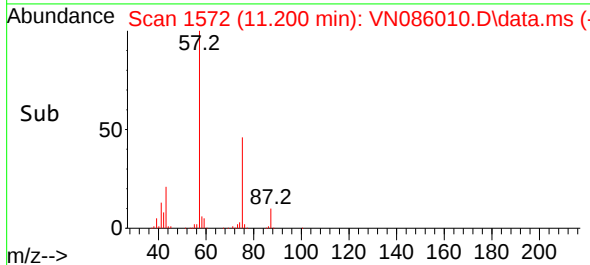
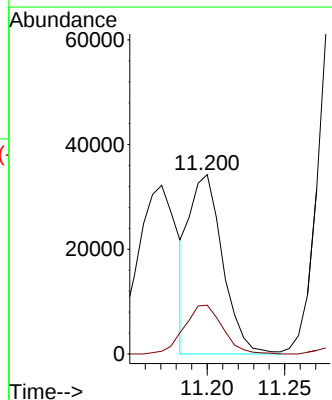
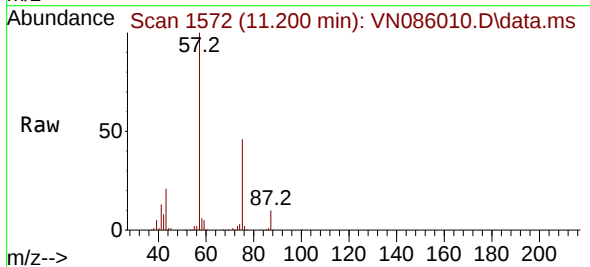
Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

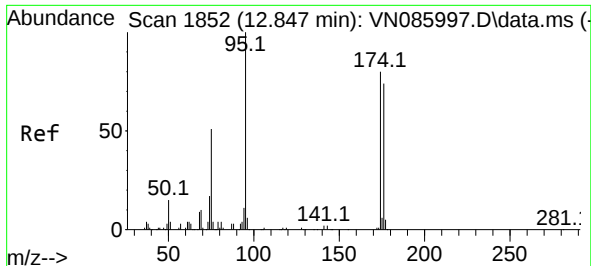
Tgt Ion: 63 Resp: 481
Ion Ratio Lower Upper
63 100
106 0.0 25.0 37.6#



#59
2-Hexanone
Concen: 40.613 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion: 43 Resp: 51680
Ion Ratio Lower Upper
43 100
58 31.2 32.4 97.2#

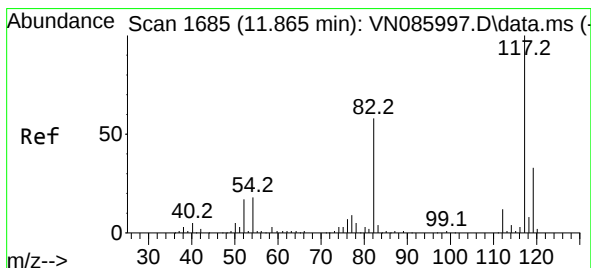
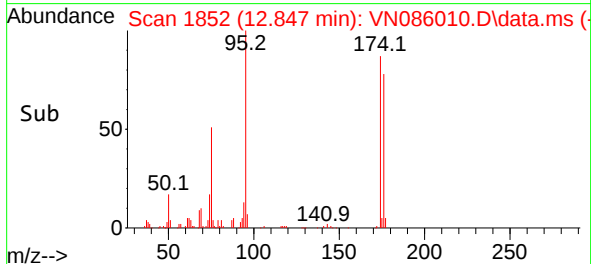
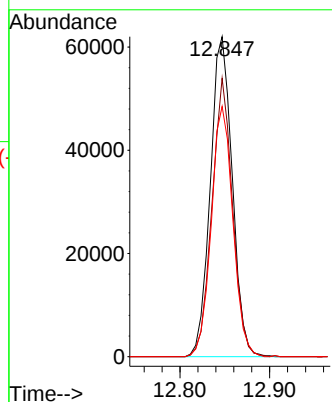
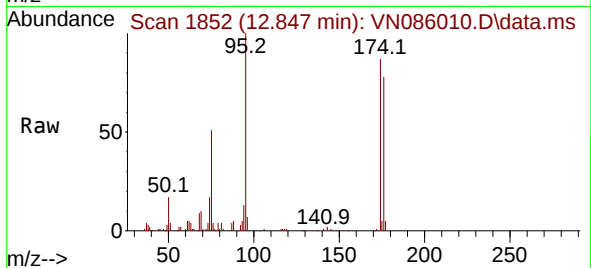




#62
4-Bromofluorobenzene
Concen: 49.356 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

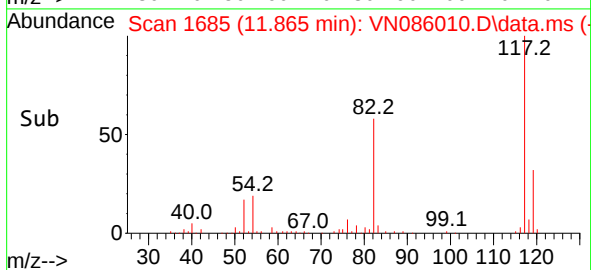
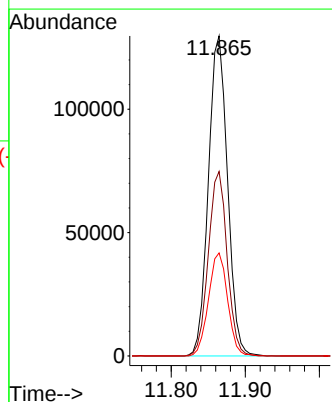
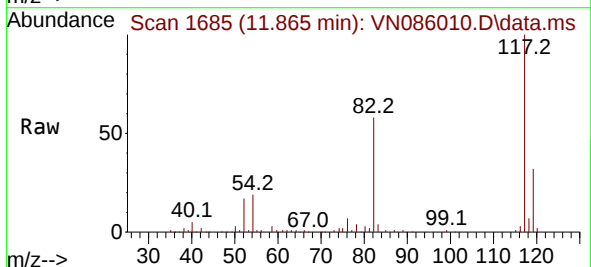
Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

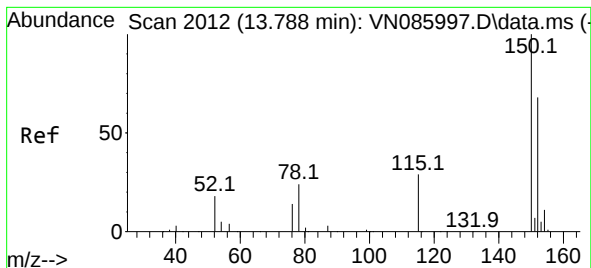
Tgt Ion: 95 Resp: 105109
Ion Ratio Lower Upper
95 100
174 82.0 0.0 156.8
176 77.2 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion: 117 Resp: 232216
Ion Ratio Lower Upper
117 100
82 57.7 46.7 70.1
119 32.2 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN086010.D

Acq: 19 Mar 2025 15:38

Instrument :

MSVOA_N

ClientSampleId :

PB167194TB

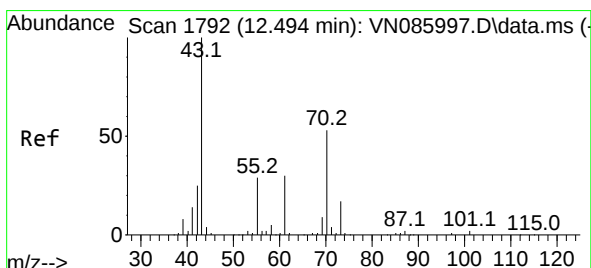
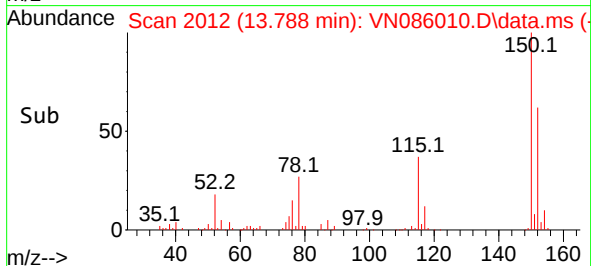
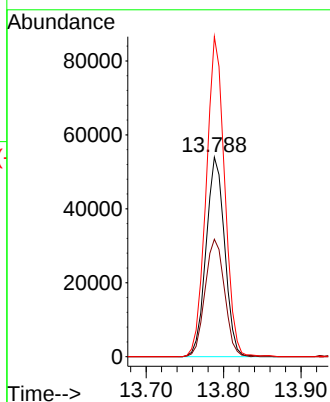
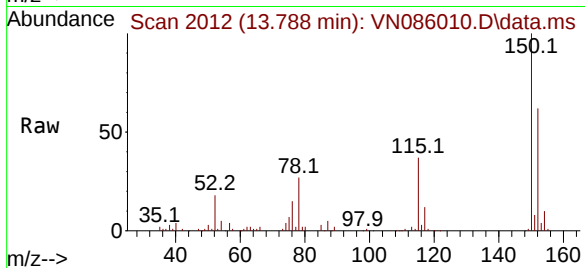
Tgt Ion:152 Resp: 89993

Ion Ratio Lower Upper

152 100

115 61.6 31.1 93.2

150 159.3 0.0 359.6



#74

N-ethyl acetate

Concen: 1.346 ug/l

RT: 12.459 min Scan# 1786

Delta R.T. -0.035 min

Lab File: VN086010.D

Acq: 19 Mar 2025 15:38

Tgt Ion: 43 Resp: 2767

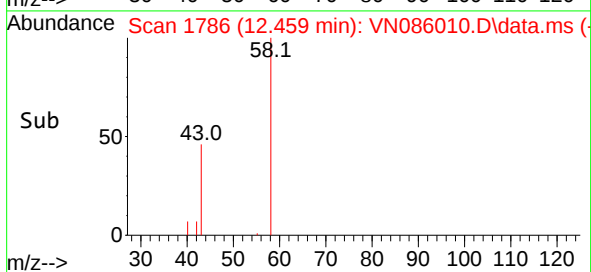
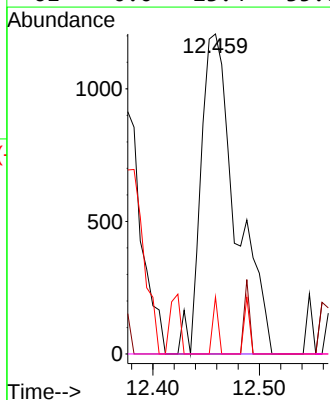
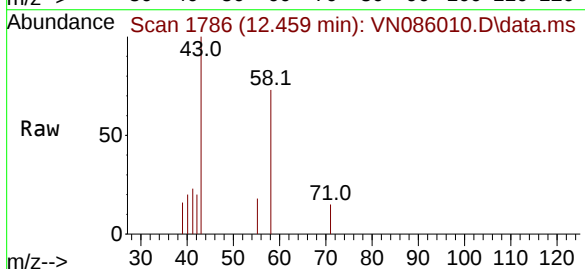
Ion Ratio Lower Upper

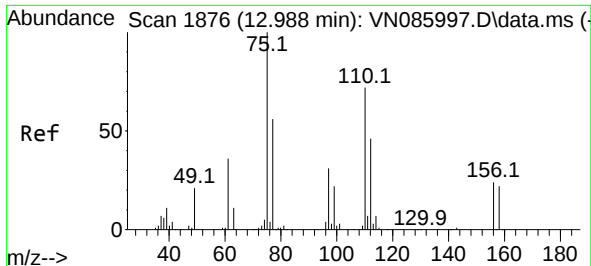
43 100

70 0.0 43.0 64.4#

55 2.7 23.8 35.8#

61 0.0 23.4 35.0#

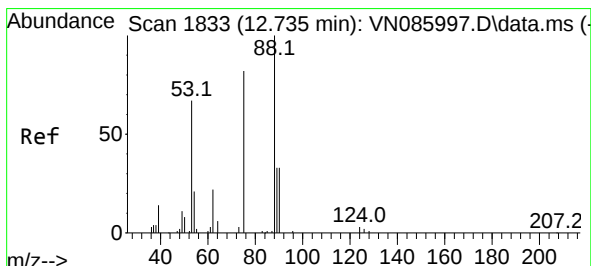
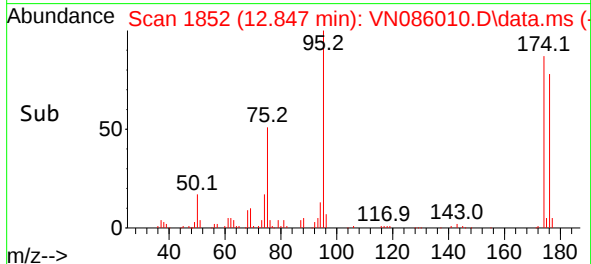
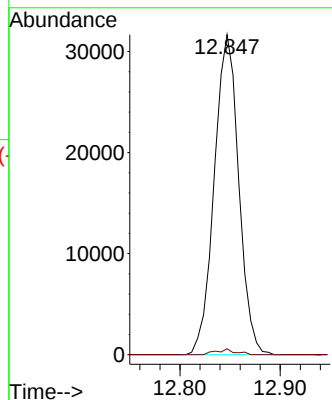
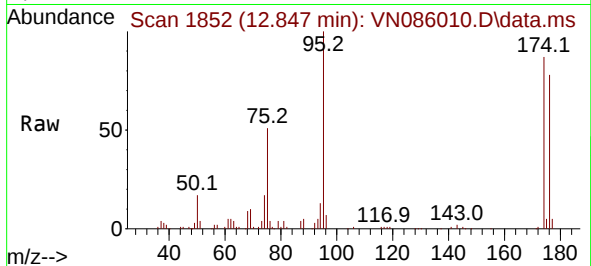




#76
1,2,3-Trichloropropane
Concen: 26.603 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

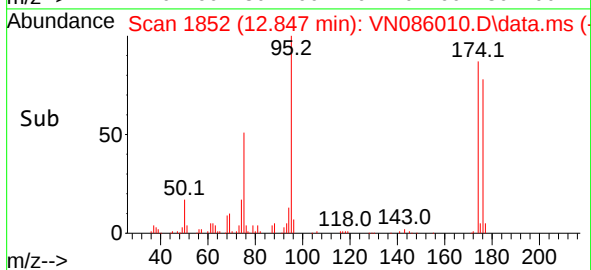
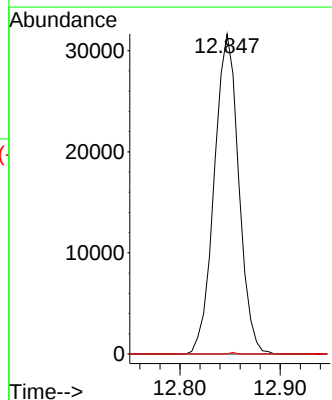
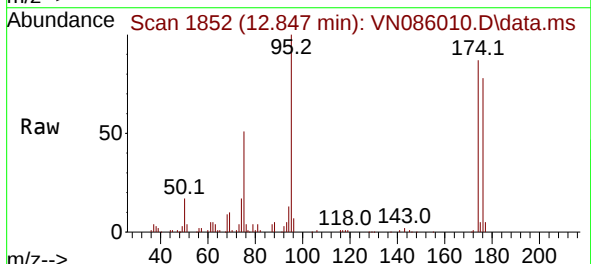
Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

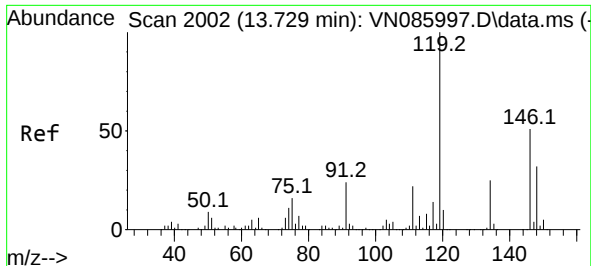
Tgt Ion: 75 Resp: 53599
Ion Ratio Lower Upper
75 100
77 1.4 83.7 251.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.334 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

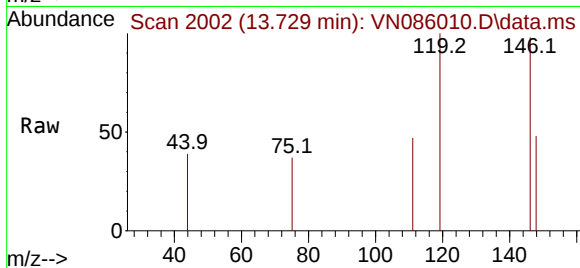
Tgt Ion: 75 Resp: 53599
Ion Ratio Lower Upper
75 100
53 0.0 66.0 99.0#
89 0.1 36.9 55.3#



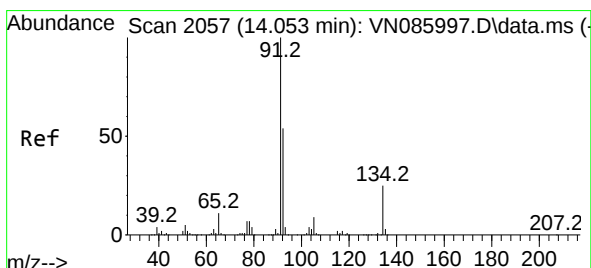
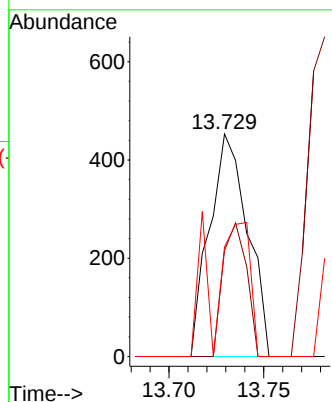
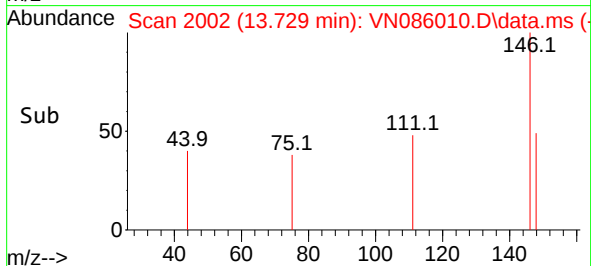


#87
1,3-Dichlorobenzene
Concen: 0.206 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

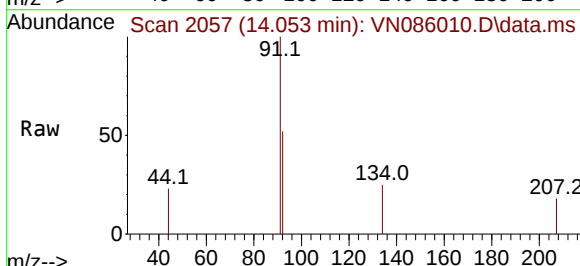
Instrument :
MSVOA_N
ClientSampleId :
PB167194TB



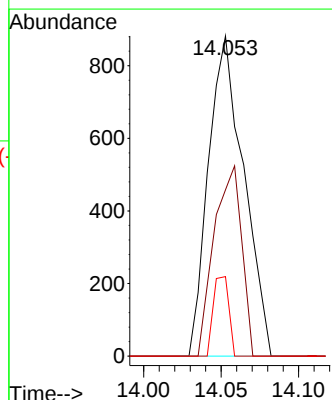
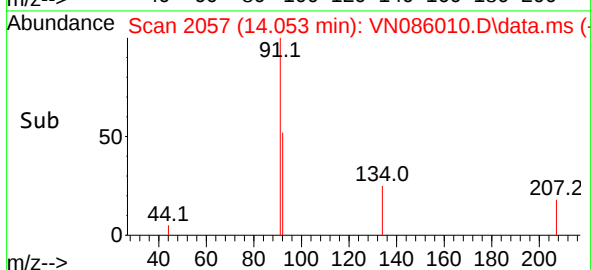
Tgt Ion:146 Resp: 635
Ion Ratio Lower Upper
146 100
111 37.3 21.2 63.6
148 42.5 31.8 95.4

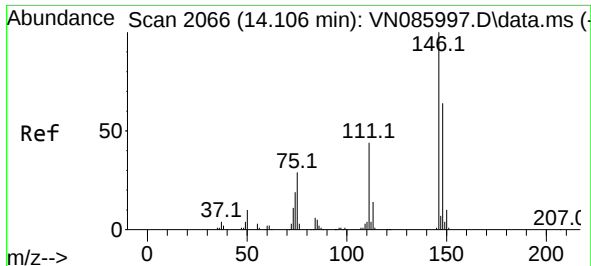


#89
n-Butylbenzene
Concen: 0.350 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38



Tgt Ion: 91 Resp: 1398
Ion Ratio Lower Upper
91 100
92 46.2 26.9 80.6
134 10.9 13.0 39.0#

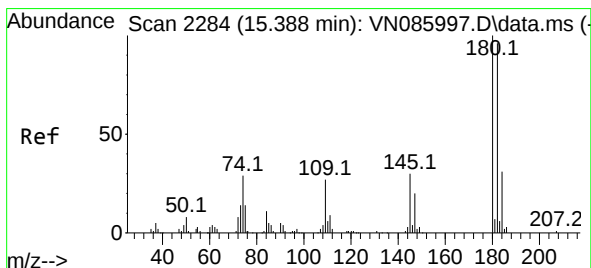
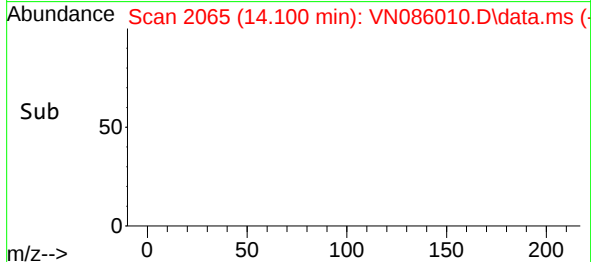
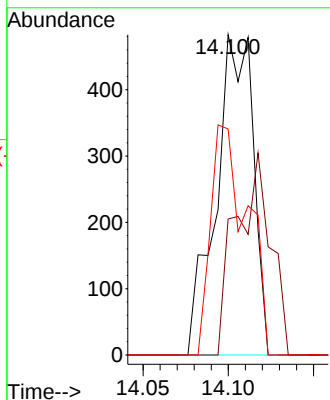
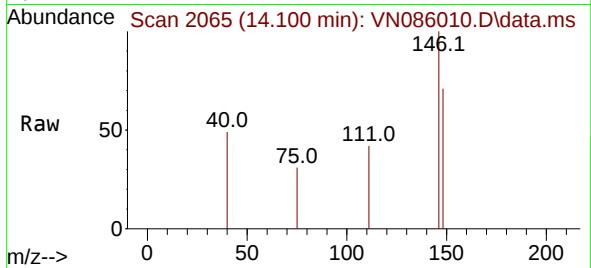




#91
1,2-Dichlorobenzene
Concen: 0.239 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

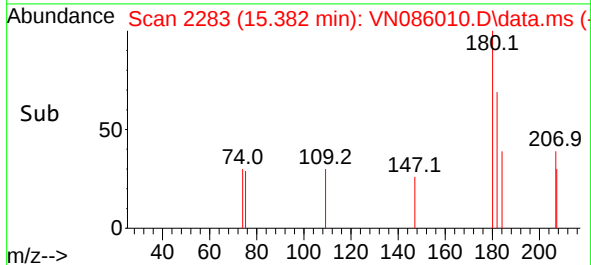
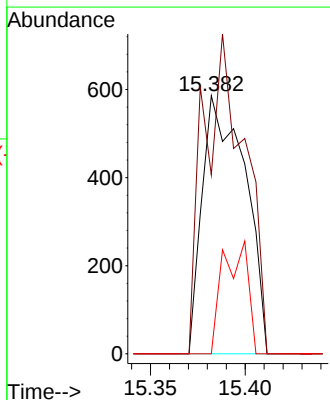
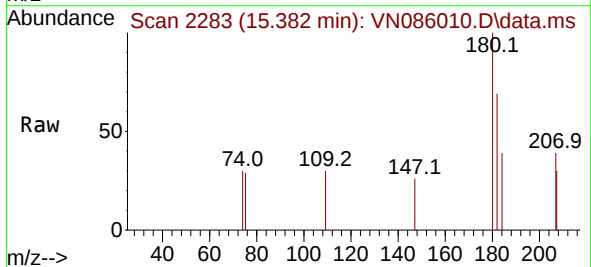
Instrument :
MSVOA_N
ClientSampleId :
PB167194TB

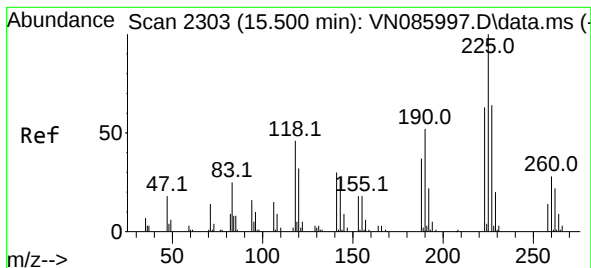
Tgt Ion:146 Resp: 735
Ion Ratio Lower Upper
146 100
111 0.0 22.3 66.8#
148 70.2 32.1 96.5



#93
1,2,4-Trichlorobenzene
Concen: 0.596 ug/l
RT: 15.382 min Scan# 2283
Delta R.T. -0.006 min
Lab File: VN086010.D
Acq: 19 Mar 2025 15:38

Tgt Ion:180 Resp: 920
Ion Ratio Lower Upper
180 100
182 118.3 47.0 141.0
145 25.4 15.5 46.5





#94

Hexachlorobutadiene

Concen: 0.712 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086010.D

Acq: 19 Mar 2025 15:38

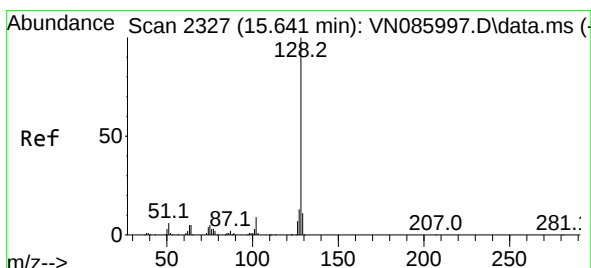
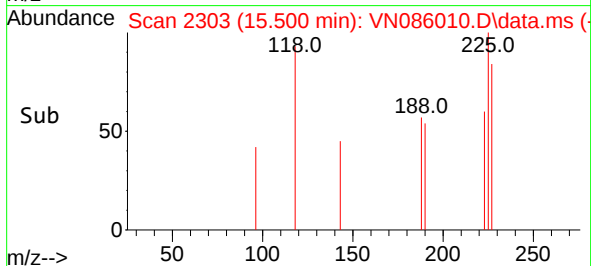
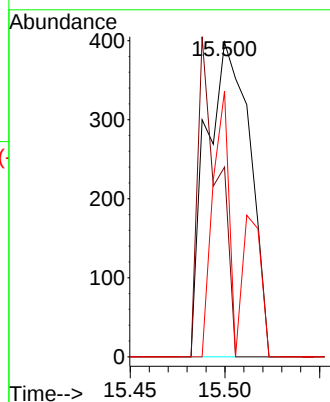
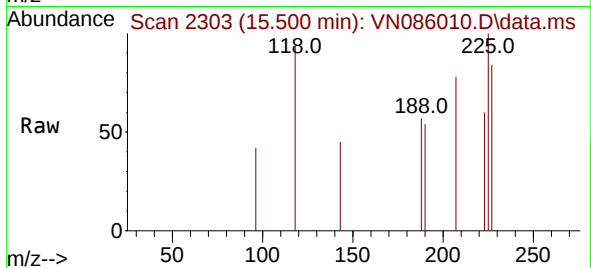
Instrument :

MSVOA_N

ClientSampleId :

PB167194TB

Tgt Ion:	225	Resp:	638
Ion	Ratio	Lower	Upper
225	100		
223	47.6	31.3	93.9
227	49.8	32.1	96.3



#95

Naphthalene

Concen: 0.979 ug/l

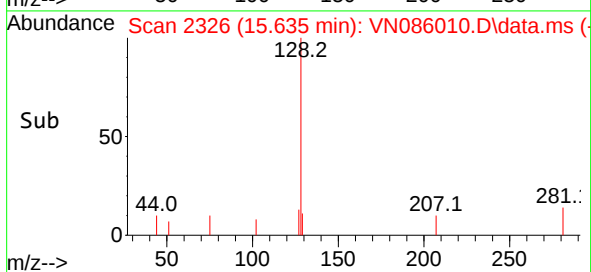
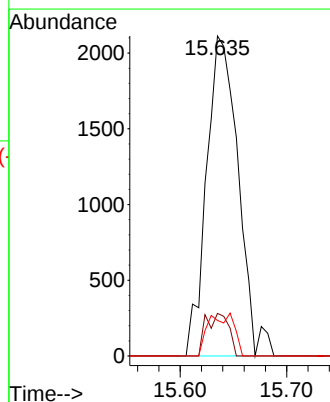
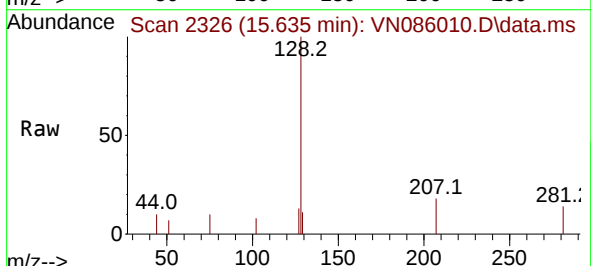
RT: 15.635 min Scan# 2326

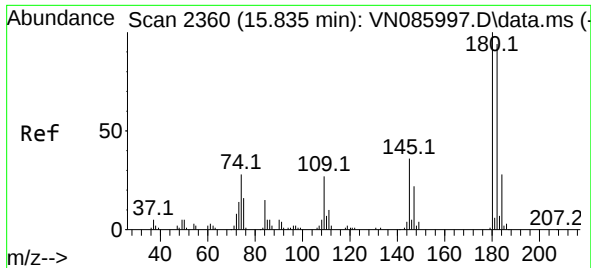
Delta R.T. -0.006 min

Lab File: VN086010.D

Acq: 19 Mar 2025 15:38

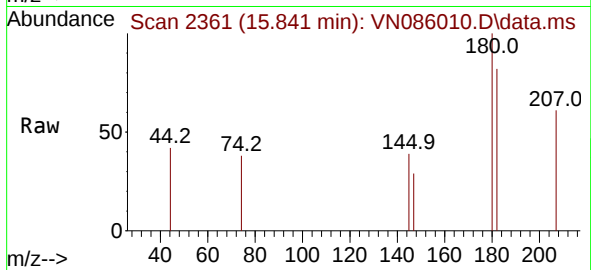
Tgt Ion:	128	Resp:	4378
Ion	Ratio	Lower	Upper
128	100		
127	9.5	10.2	15.4#
129	10.8	9.0	13.6





#96
 1,2,3-Trichlorobenzene
 Concen: 0.859 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN086010.D
 Acq: 19 Mar 2025 15:38

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167194TB



Tgt Ion:	180	Resp:	1259
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.5	142.5
145	30.5	17.7	53.1

