

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093025\
 Data File : VN087997.D
 Acq On : 30 Sep 2025 12:53
 Operator : JC\MD
 Sample : Q3241-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 92625

Quant Time: Oct 01 04:42:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

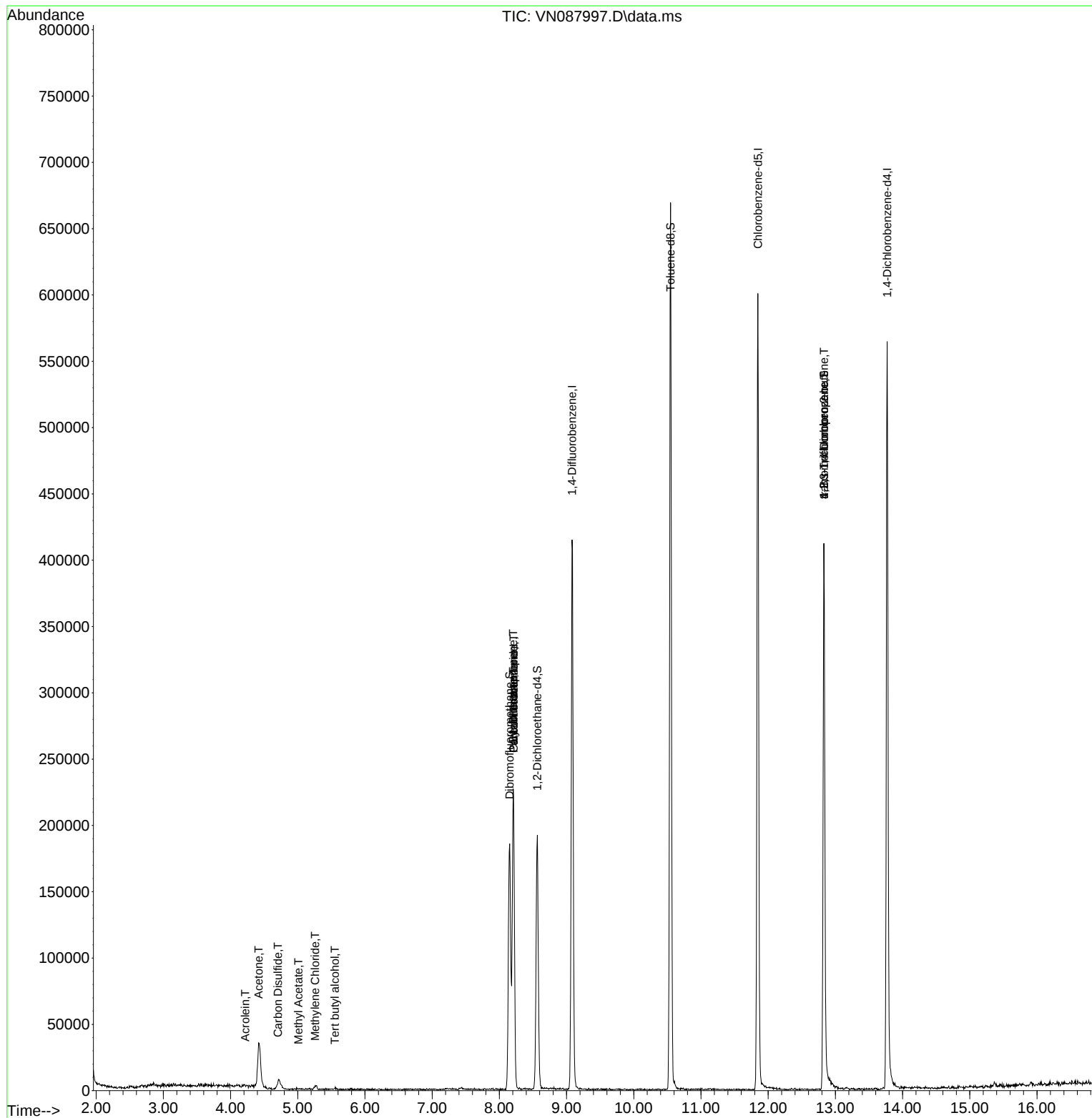
Internal Standards						
1) Pentafluorobenzene	8.212	168	156388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	345490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	340247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	156977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	159407	60.567	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.140%			
35) Dibromofluoromethane	8.153	113	134039	53.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.860%			
50) Toluene-d8	10.547	98	438013	49.654	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.300%			
62) 4-Bromofluorobenzene	12.829	95	150303	47.668	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.340%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.553	59	122	0.322	ug/l #	71
13) Acrolein	4.218	56	99	0.204	ug/l #	76
16) Acetone	4.418	43	65293	60.296	ug/l #	86
17) Carbon Disulfide	4.706	76	1166	0.227	ug/l #	76
18) Methyl Acetate	5.012	43	680	0.251	ug/l #	51
20) Methylene Chloride	5.259	84	990	0.452	ug/l #	40
31) Cyclohexane	8.206	56	4700	1.593	ug/l #	47
36) 1,1-Dichloropropene	8.206	75	14729	4.883	ug/l #	50
38) Carbon Tetrachloride	8.212	117	17918	5.177	ug/l #	18
76) 1,2,3-Trichloropropane	12.829	75	80402	25.983	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	80402	72.152	ug/l #	9

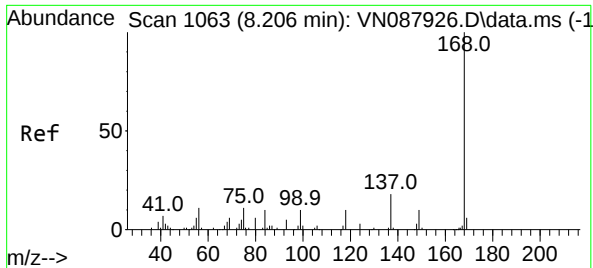
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093025\
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Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
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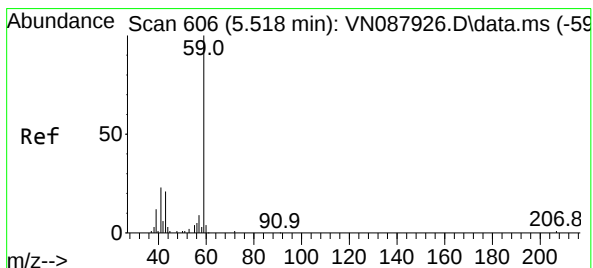
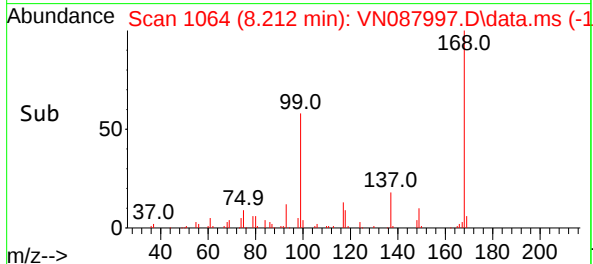
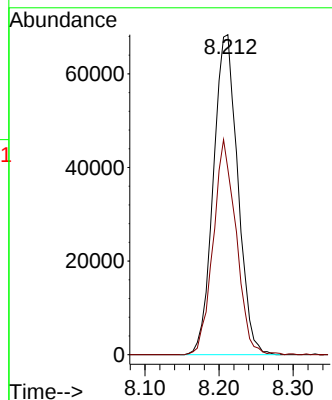
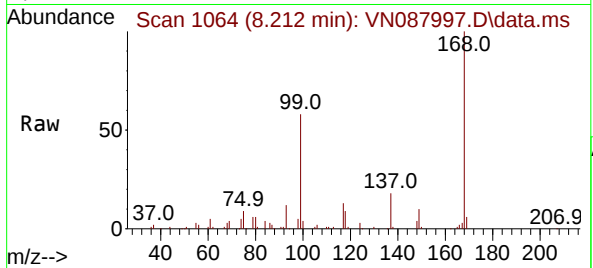




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

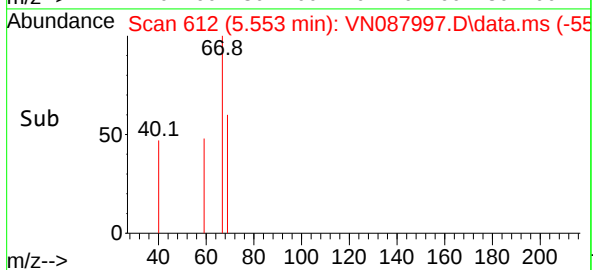
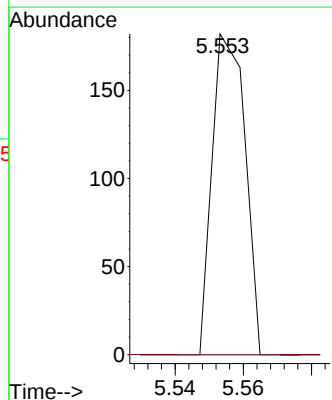
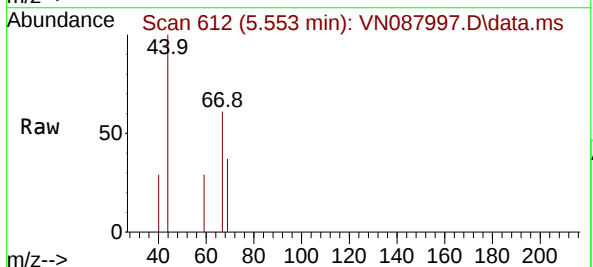
Instrument :
MSVOA_N
ClientSampleId :
92625

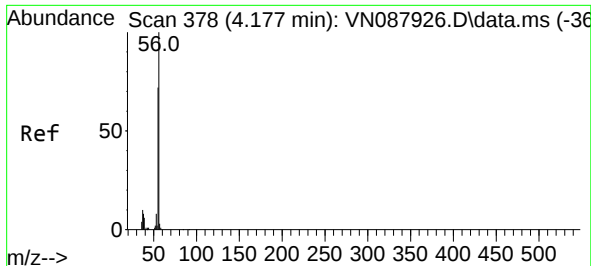
Tgt Ion:168 Resp: 156388
Ion Ratio Lower Upper
168 100
99 57.9 52.2 78.2



#11
Tert butyl alcohol
Concen: 0.322 ug/l
RT: 5.553 min Scan# 612
Delta R.T. 0.035 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

Tgt Ion: 59 Resp: 122
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#13

Acrolein

Concen: 0.204 ug/l

RT: 4.218 min Scan# 31

Delta R.T. 0.041 min

Lab File: VN087997.D

Acq: 30 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

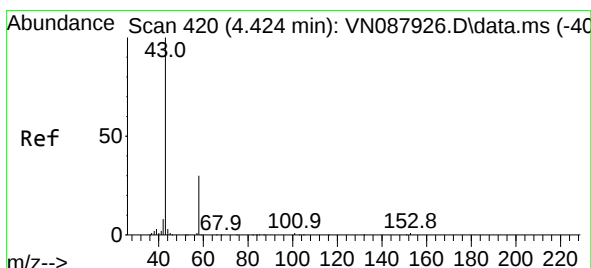
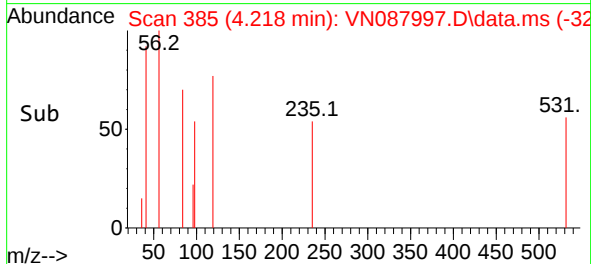
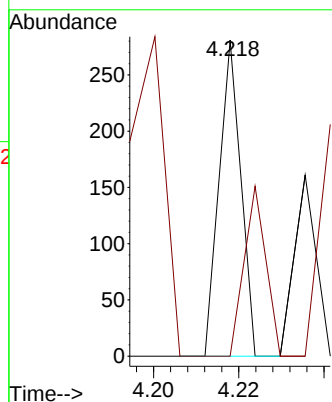
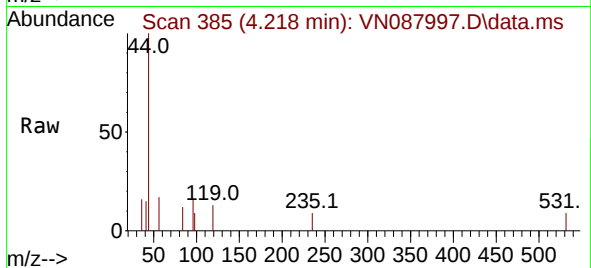
92625

Tgt Ion: 56 Resp: 99

Ion Ratio Lower Upper

56 100

55 53.5 59.3 88.9#



#16

Acetone

Concen: 60.296 ug/l

RT: 4.418 min Scan# 419

Delta R.T. -0.006 min

Lab File: VN087997.D

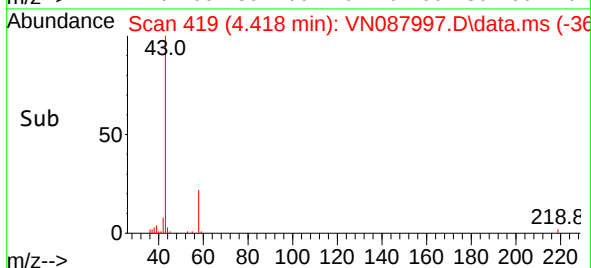
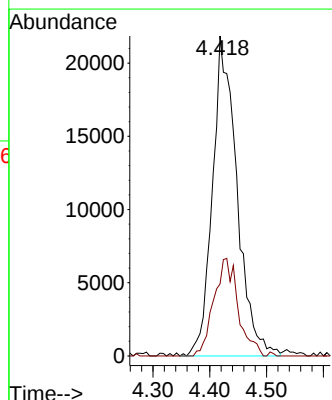
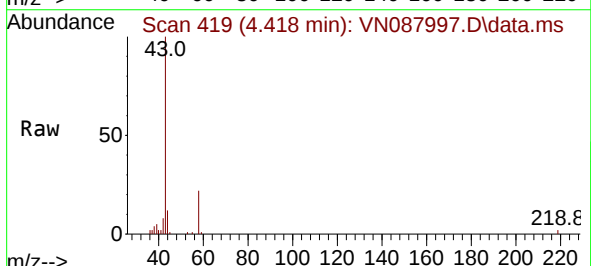
Acq: 30 Sep 2025 12:53

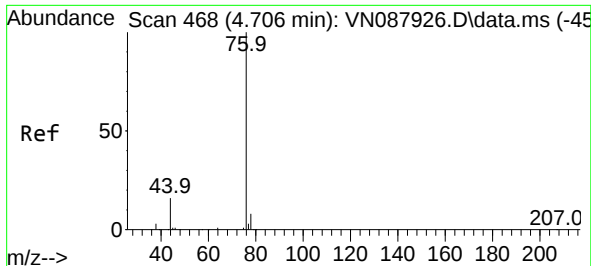
Tgt Ion: 43 Resp: 65293

Ion Ratio Lower Upper

43 100

58 22.5 24.1 36.1#

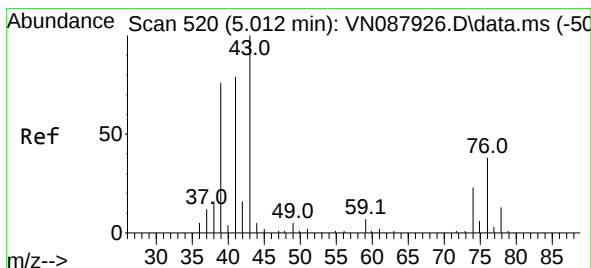
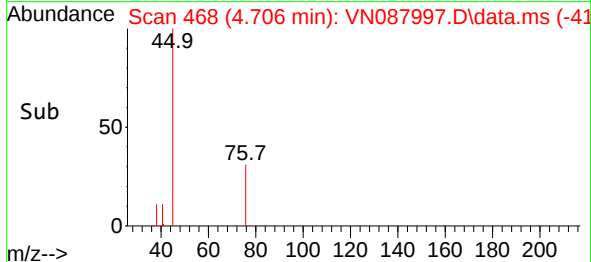
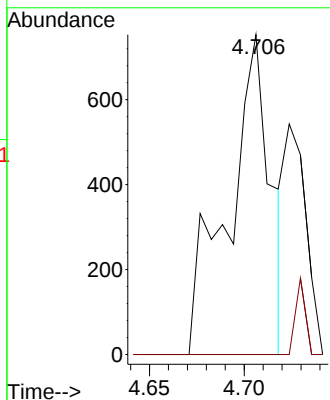
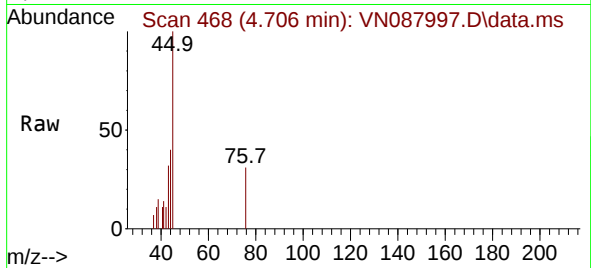




#17
Carbon Disulfide
Concen: 0.227 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

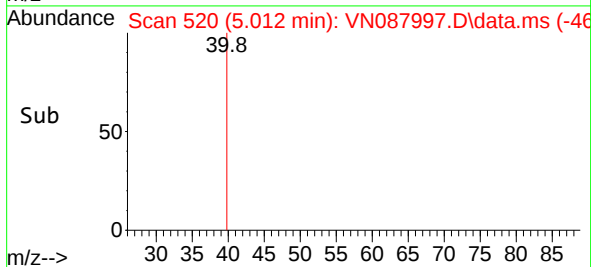
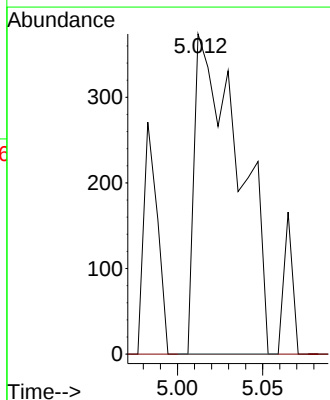
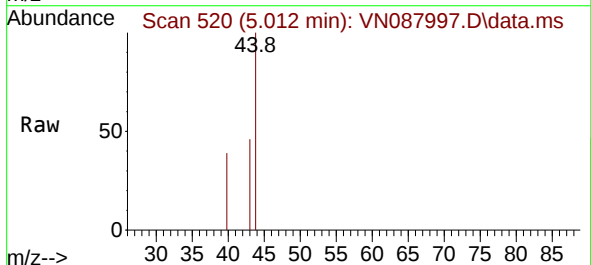
Instrument :
MSVOA_N
ClientSampleId :
92625

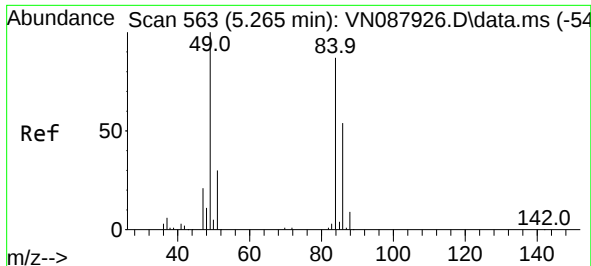
Tgt Ion: 76 Resp: 1166
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#



#18
Methyl Acetate
Concen: 0.251 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
74 0.0 19.7 29.5#

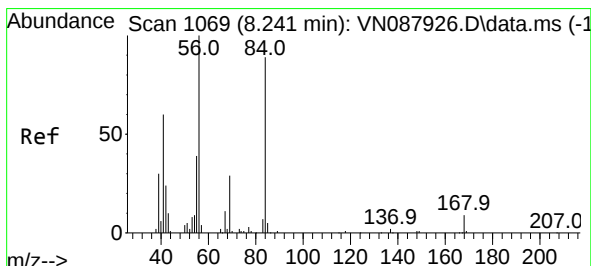
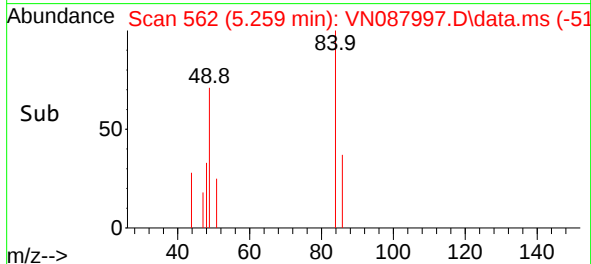
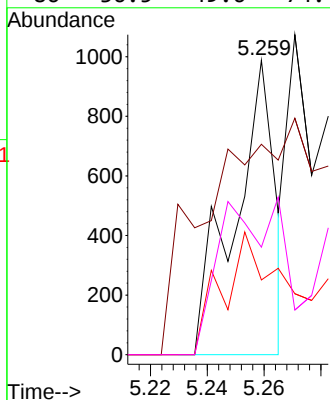
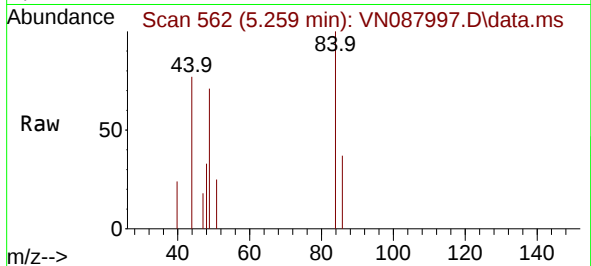




#20
Methylene Chloride
Concen: 0.452 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

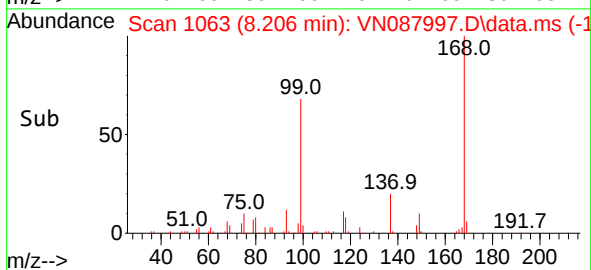
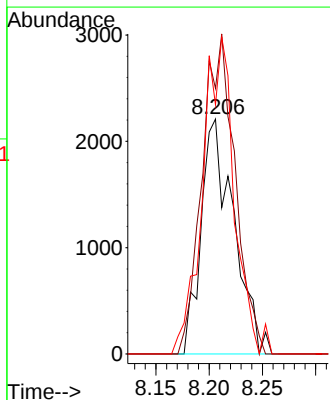
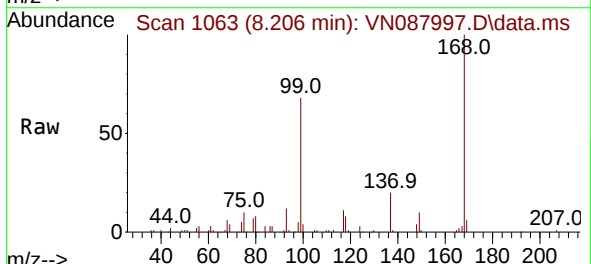
Instrument :
MSVOA_N
ClientSampleId :
92625

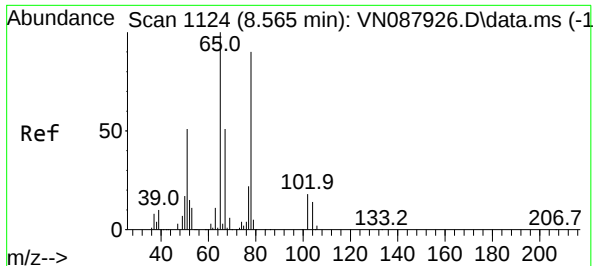
Tgt Ion:	84	Resp:	990
Ion	Ratio	Lower	Upper
84	100		
49	20.3	92.1	138.1#
51	25.4	27.7	41.5#
86	36.5	49.6	74.4#



#31
Cyclohexane
Concen: 1.593 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.035 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

Tgt Ion:	56	Resp:	4700
Ion	Ratio	Lower	Upper
56	100		
69	113.1	23.4	35.0#
84	106.1	70.8	106.2





#33

1,2-Dichloroethane-d4

Concen: 60.567 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. -0.000 min

Lab File: VN087997.D

Acq: 30 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

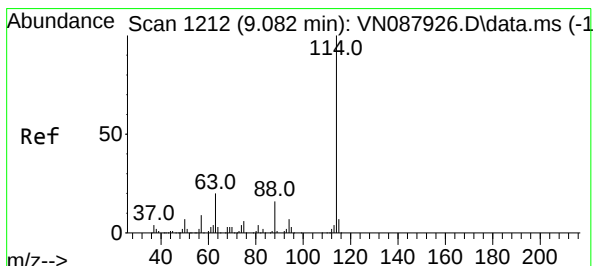
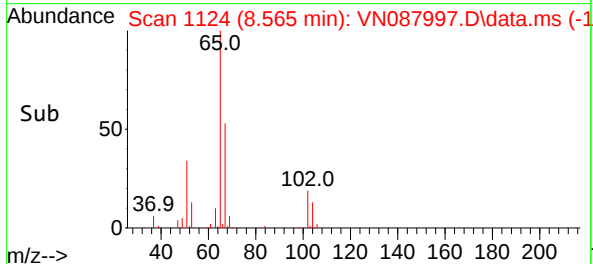
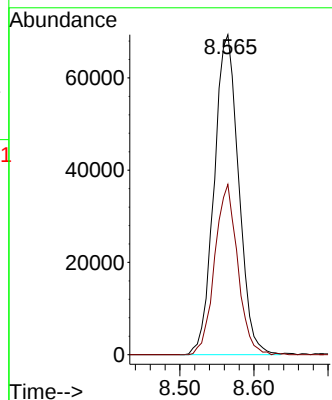
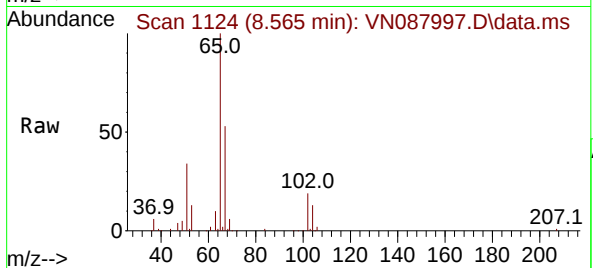
92625

Tgt Ion: 65 Resp: 159407

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087997.D

Acq: 30 Sep 2025 12:53

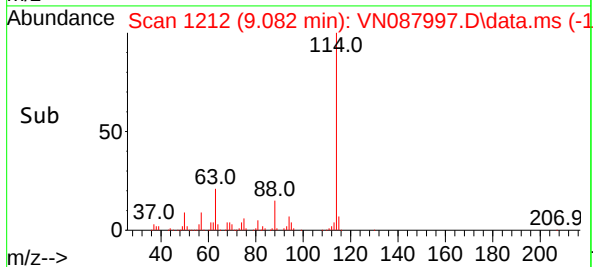
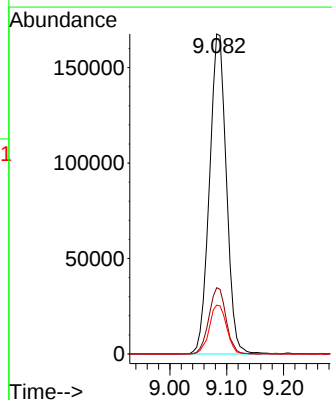
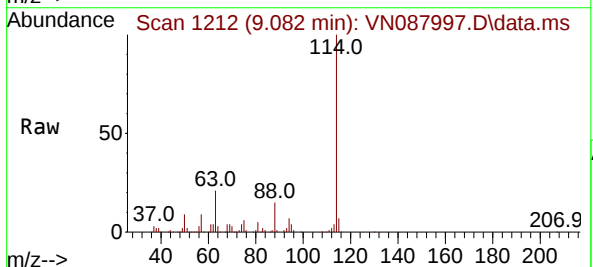
Tgt Ion: 114 Resp: 345490

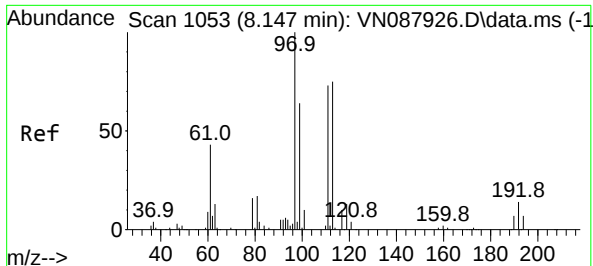
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.0

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.435 ug/l

RT: 8.153 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087997.D

Acq: 30 Sep 2025 12:53

Instrument :

MSVOA_N

ClientSampleId :

92625

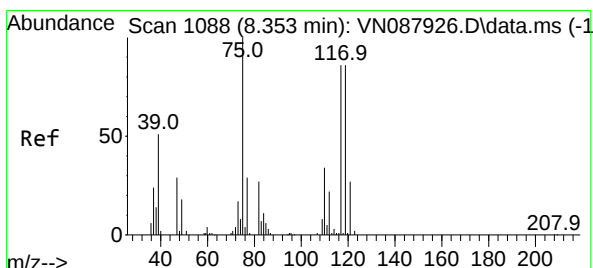
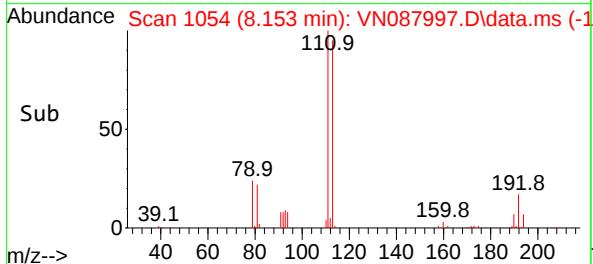
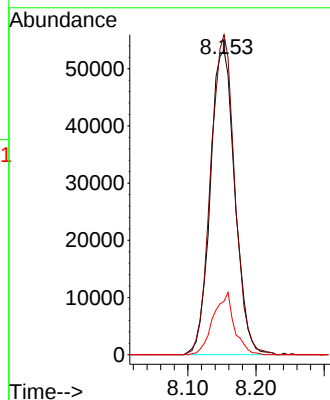
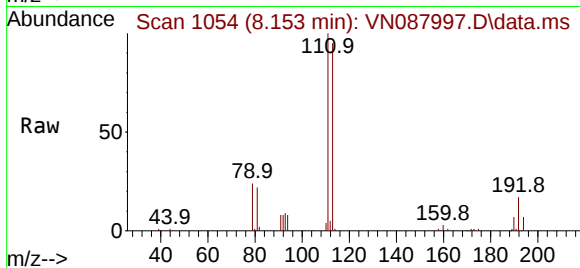
Tgt Ion:113 Resp: 134039

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 17.4 14.2 21.2



#36

1,1-Dichloropropene

Concen: 4.883 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN087997.D

Acq: 30 Sep 2025 12:53

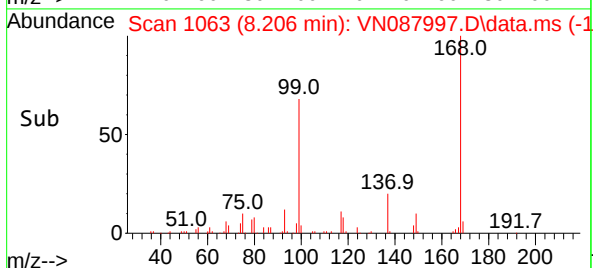
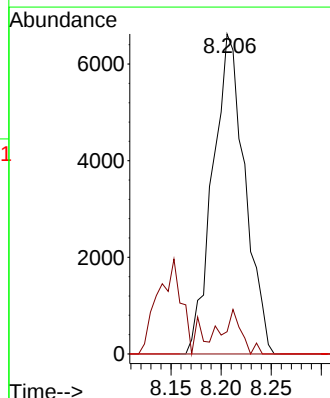
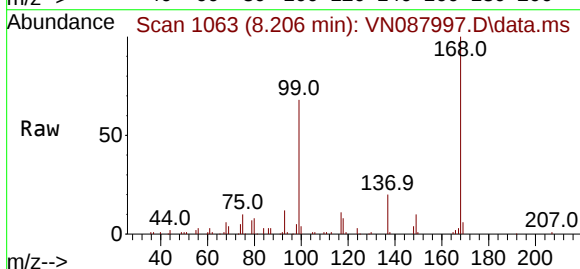
Tgt Ion: 75 Resp: 14729

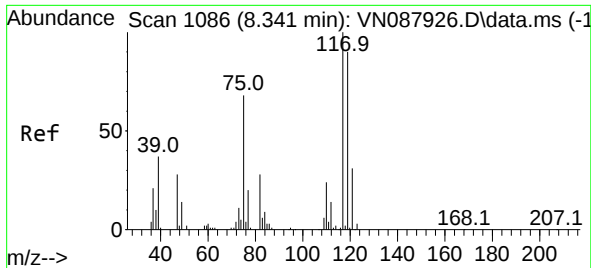
Ion Ratio Lower Upper

75 100

110 8.3 17.1 51.3#

77 0.0 24.8 37.2#

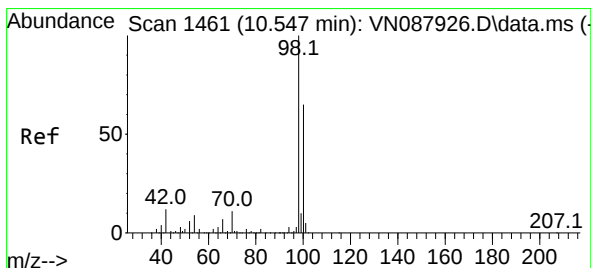
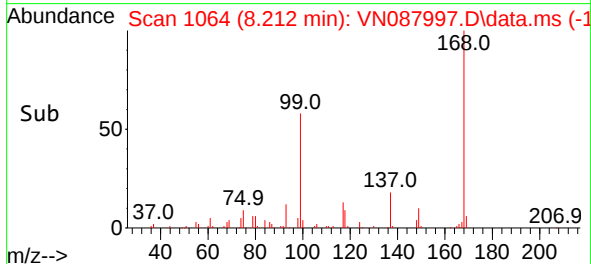
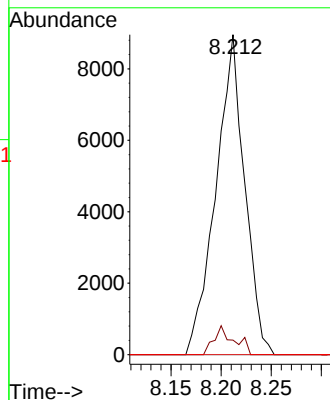
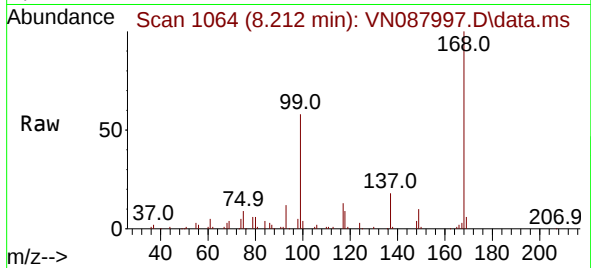




#38
Carbon Tetrachloride
Concen: 5.177 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.130 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

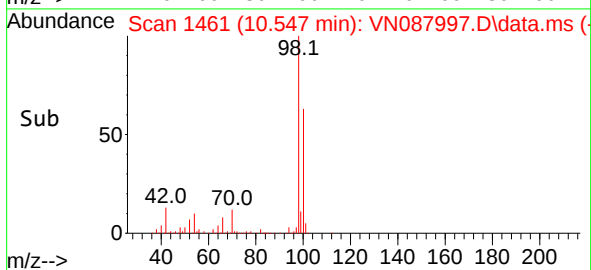
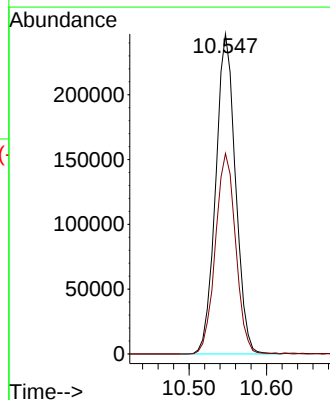
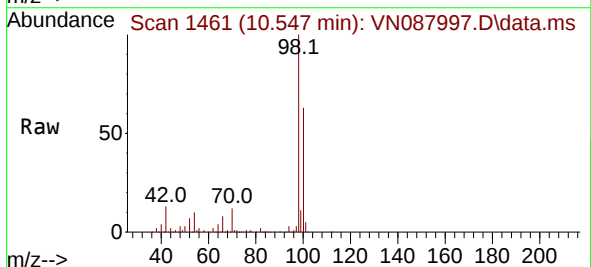
Instrument :
MSVOA_N
ClientSampleId :
92625

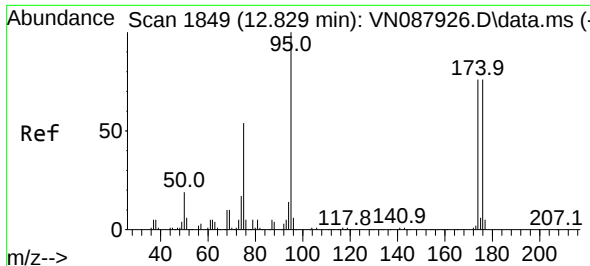
Tgt Ion:117 Resp: 17918
Ion Ratio Lower Upper
117 100
119 4.5 72.1 108.1#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 49.654 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

Tgt Ion: 98 Resp: 438013
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5

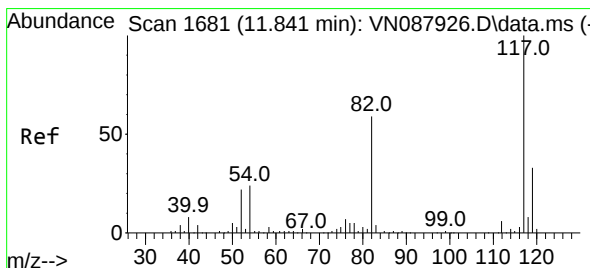
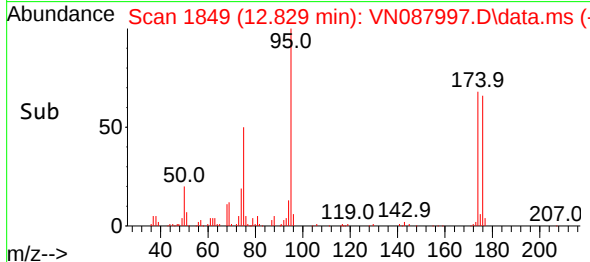
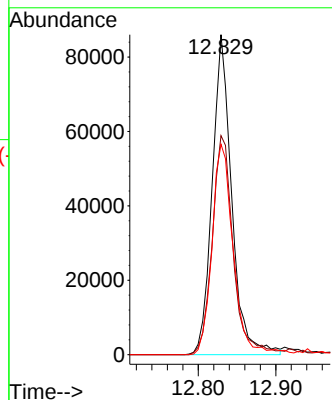
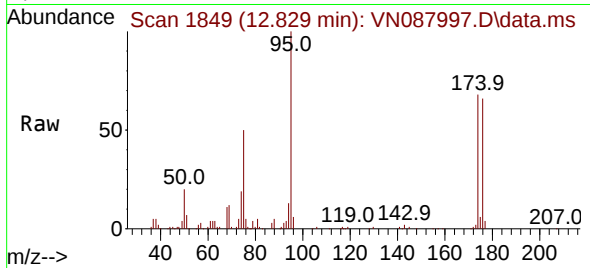




#62
4-Bromofluorobenzene
Concen: 47.668 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

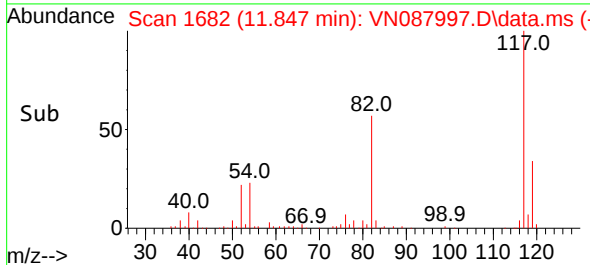
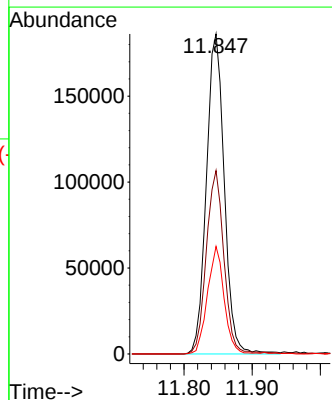
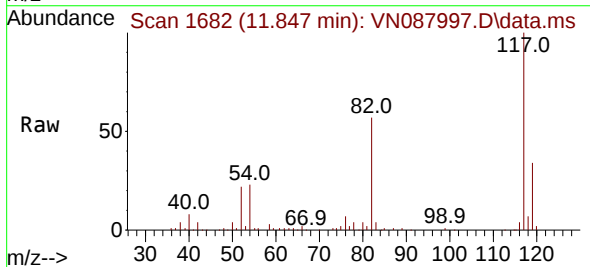
Instrument :
MSVOA_N
ClientSampleId :
92625

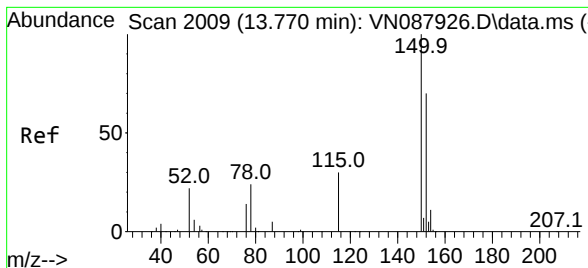
Tgt Ion: 95 Resp: 150303
Ion Ratio Lower Upper
95 100
174 73.6 0.0 159.2
176 71.7 0.0 152.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087997.D
Acq: 30 Sep 2025 12:53

Tgt Ion: 117 Resp: 340247
Ion Ratio Lower Upper
117 100
82 57.3 47.0 70.4
119 33.6 26.1 39.1

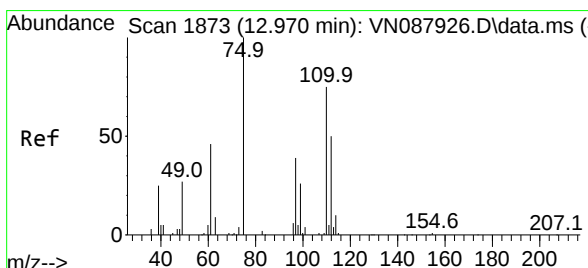
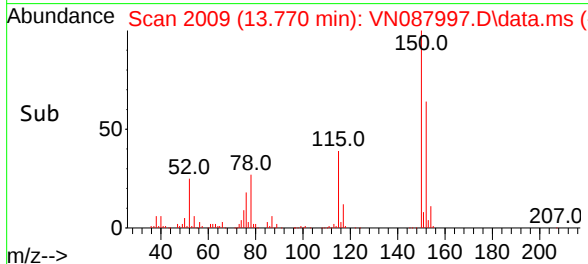
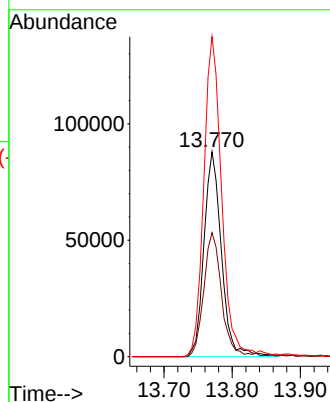
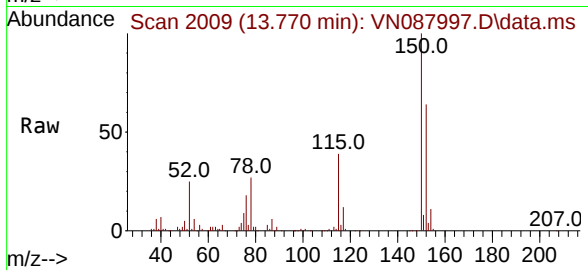




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 2009
 Delta R.T. -0.000 min
 Lab File: VN087997.D
 Acq: 30 Sep 2025 12:53

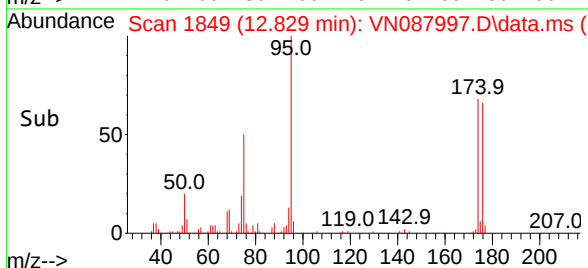
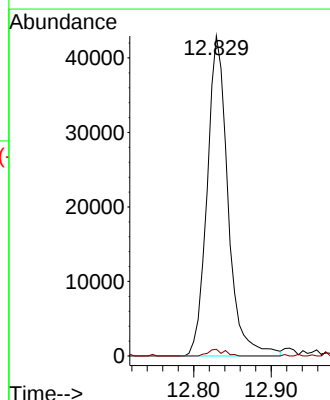
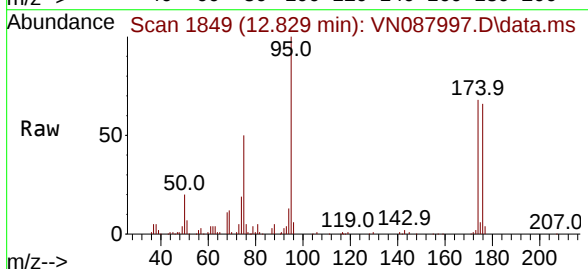
Instrument :
 MSVOA_N
 ClientSampleId :
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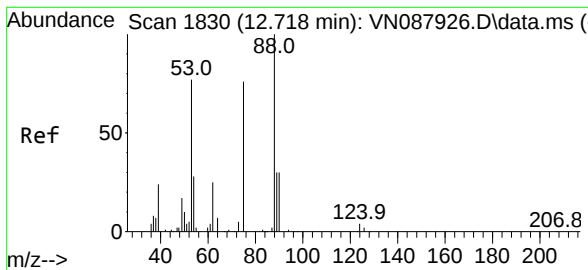
Tgt Ion:152 Resp: 156977
 Ion Ratio Lower Upper
 152 100
 115 61.9 29.9 89.7
 150 160.3 0.0 335.0



#76
 1,2,3-Trichloropropane
 Concen: 25.983 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. -0.141 min
 Lab File: VN087997.D
 Acq: 30 Sep 2025 12:53

Tgt Ion: 75 Resp: 80402
 Ion Ratio Lower Upper
 75 100
 77 1.6 89.5 268.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.152 ug/l
 RT: 12.829 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN087997.D
 Acq: 30 Sep 2025 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 92625

Tgt Ion: 75 Resp: 80402
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.0 123.0#
 89 0.0 36.1 54.1#

