

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085501.D
 Acq On : 17 Jan 2025 18:24
 Operator : JC\MD
 Sample : Q1124-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Jan 17 22:40:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

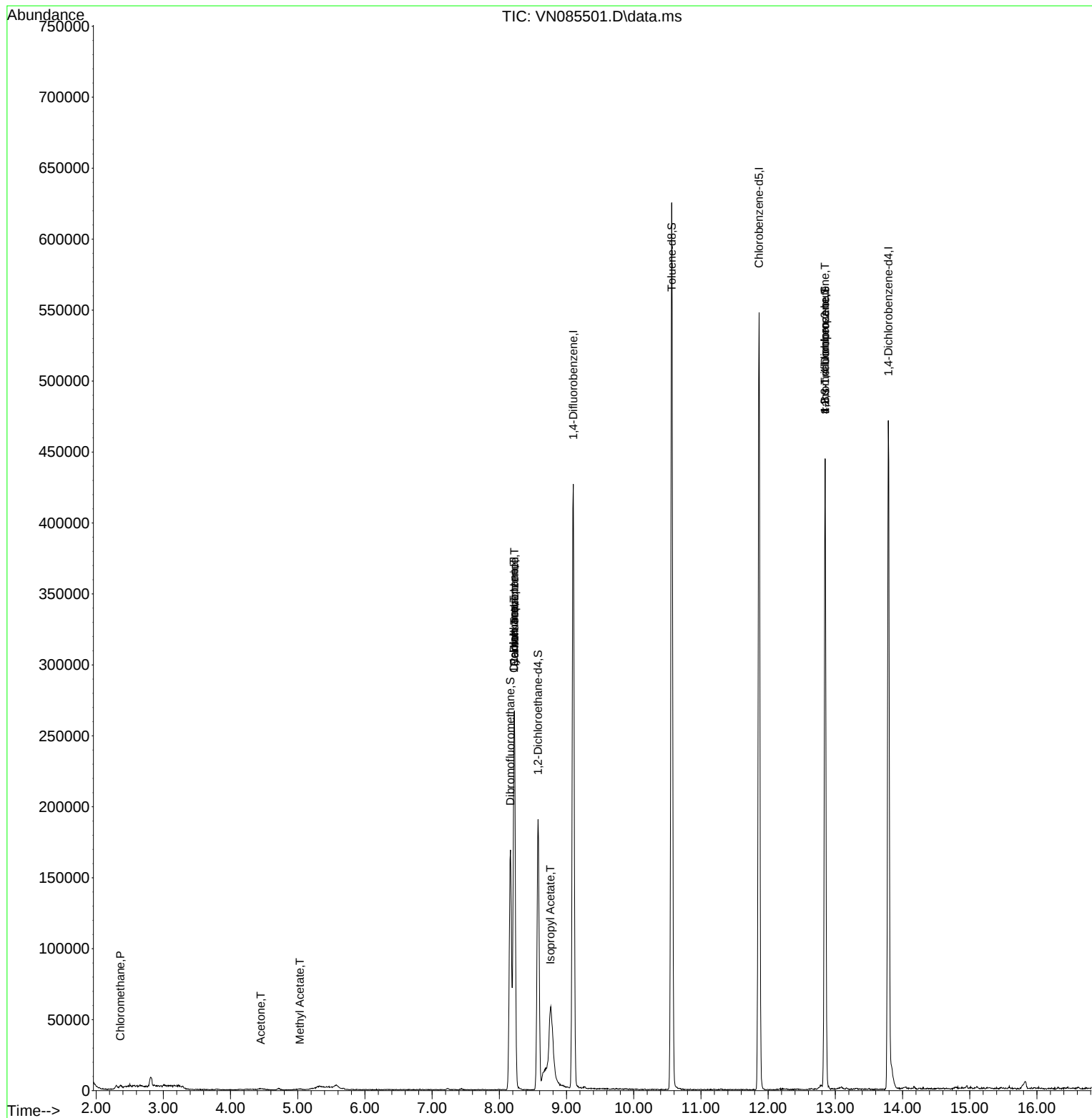
Internal Standards						
1) Pentafluorobenzene	8.224	168	180360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	353519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	291193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161818	55.581	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.160%
35) Dibromofluoromethane	8.165	113	120836	49.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.540%
50) Toluene-d8	10.565	98	412604	47.350	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.700%
62) 4-Bromofluorobenzene	12.847	95	144949	48.628	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	1371	0.519	ug/l	95
16) Acetone	4.448	43	1558	1.656	ug/l #	45
18) Methyl Acetate	5.030	43	850	0.297	ug/l #	52
31) Cyclohexane	8.218	56	5268	1.426	ug/l #	24
36) 1,1-Dichloropropene	8.218	75	17688	5.139	ug/l #	50
38) Carbon Tetrachloride	8.224	117	21008	5.331	ug/l #	17
43) Isopropyl Acetate	8.759	43	115155	20.685	ug/l #	56
76) 1,2,3-Trichloropropane	12.847	75	80255	32.436	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	80255	87.758	ug/l #	3

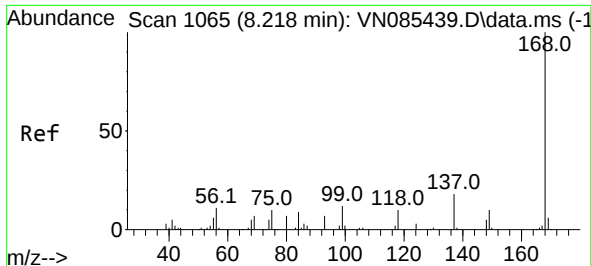
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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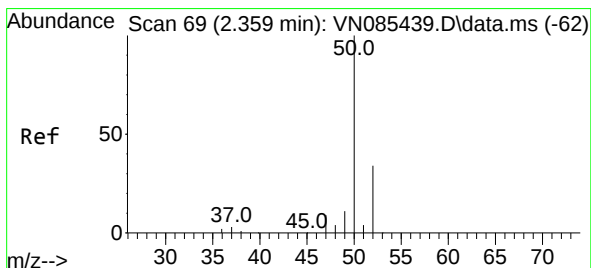
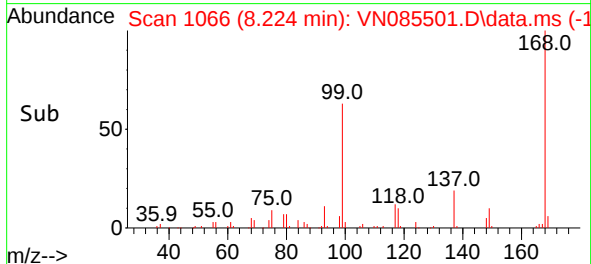
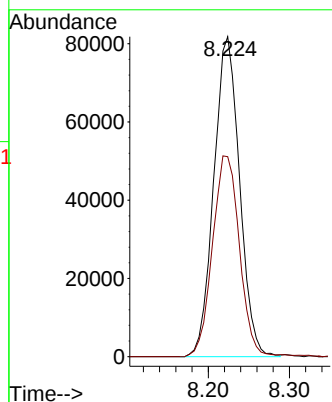
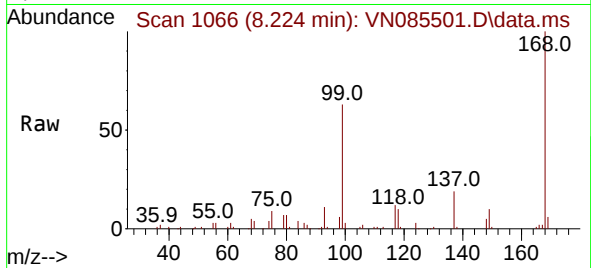




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:24

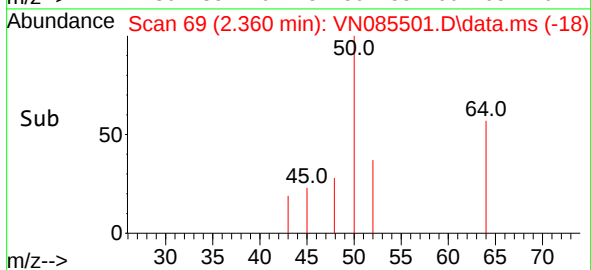
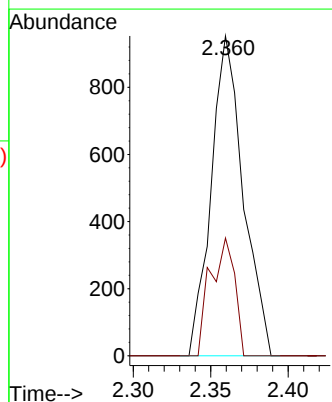
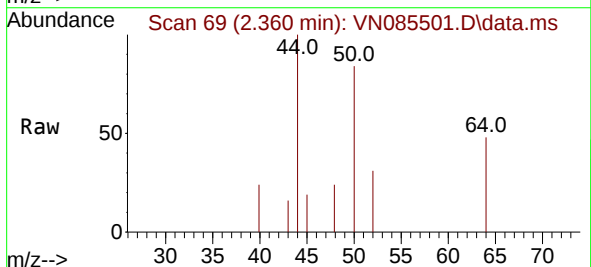
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MSVOA_N
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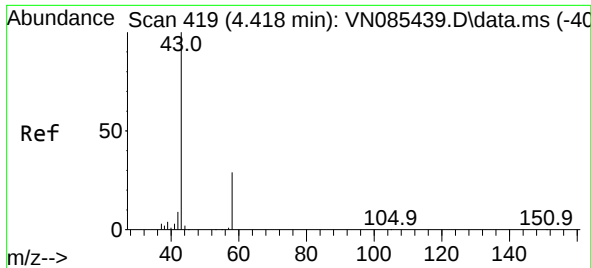
Tgt Ion:168 Resp: 180360
Ion Ratio Lower Upper
168 100
99 62.5 53.6 80.4



#3
Chloromethane
Concen: 0.519 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:24

Tgt Ion: 50 Resp: 1371
Ion Ratio Lower Upper
50 100
52 36.8 27.0 40.6

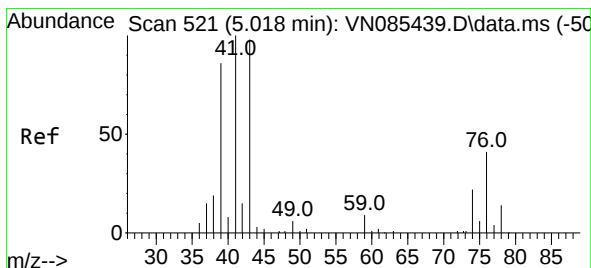
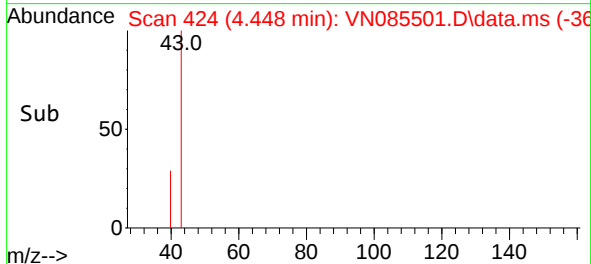
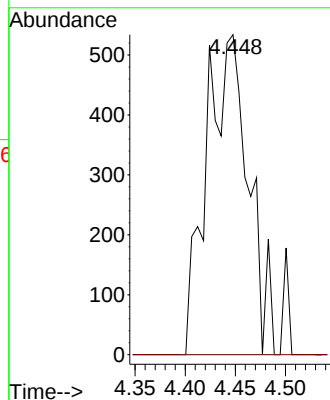
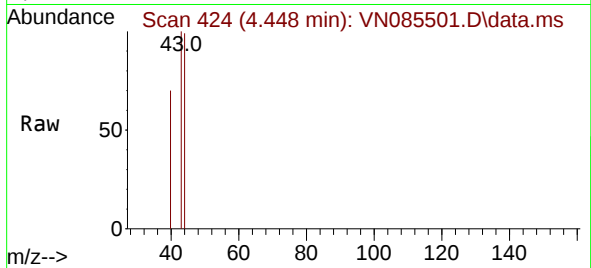




#16
Acetone
Concen: 1.656 ug/l
RT: 4.448 min Scan# 419
Delta R.T. 0.030 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:24

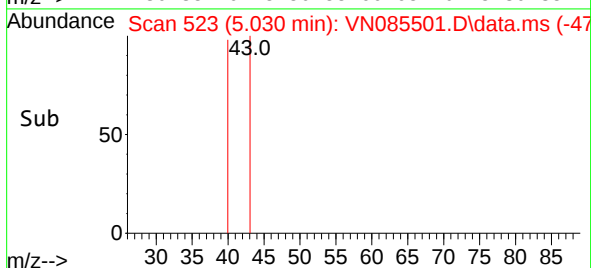
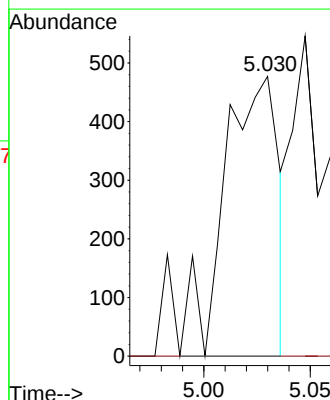
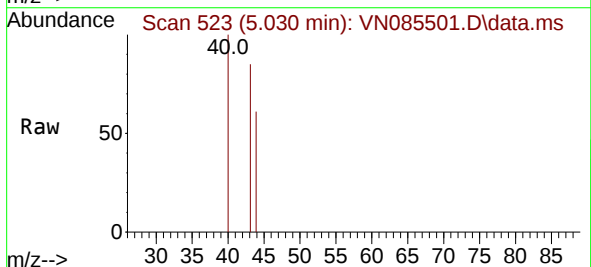
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MSVOA_N
ClientSampleId :
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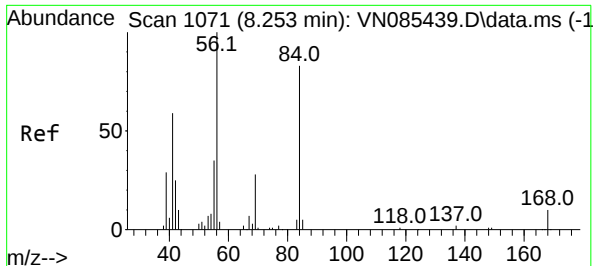
Tgt Ion: 43 Resp: 1558
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#18
Methyl Acetate
Concen: 0.297 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:24

Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#

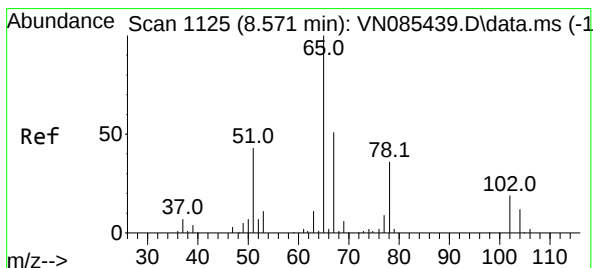
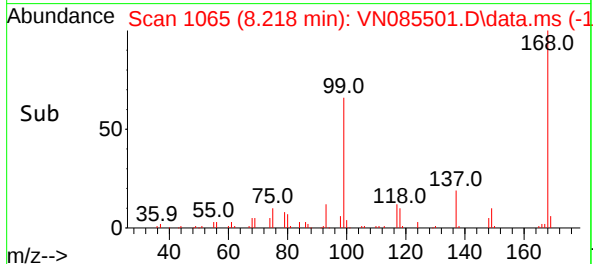
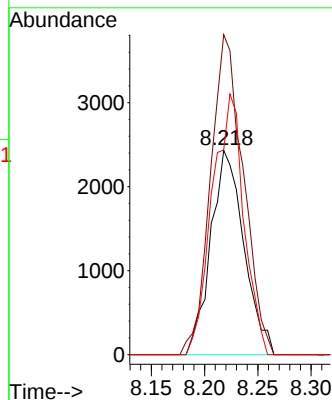
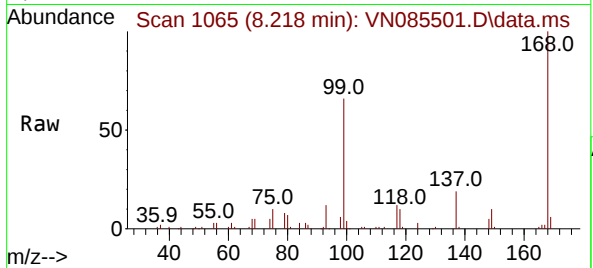




#31
Cyclohexane
Concen: 1.426 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:24

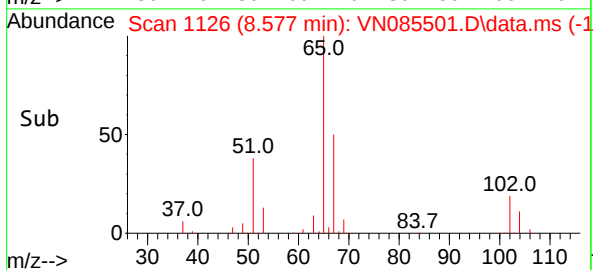
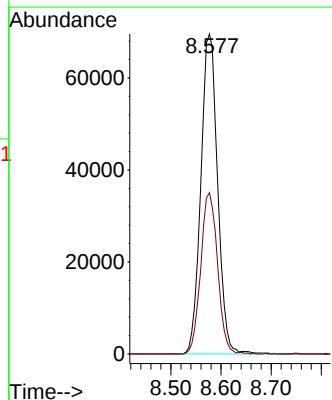
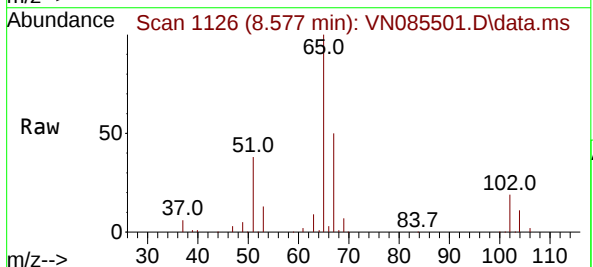
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

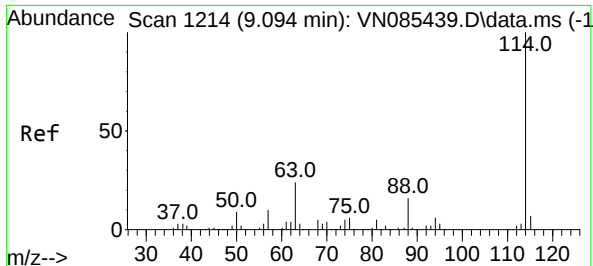
Tgt Ion: 56 Resp: 5268
Ion Ratio Lower Upper
56 100
69 156.6 22.2 33.4#
84 100.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.581 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:24

Tgt Ion: 65 Resp: 161818
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6

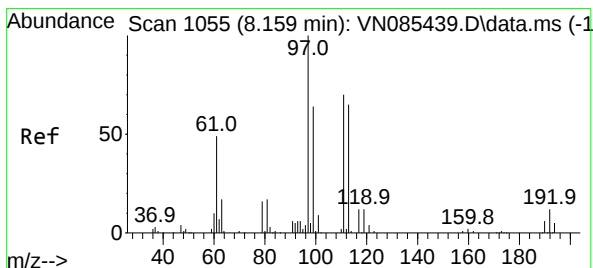
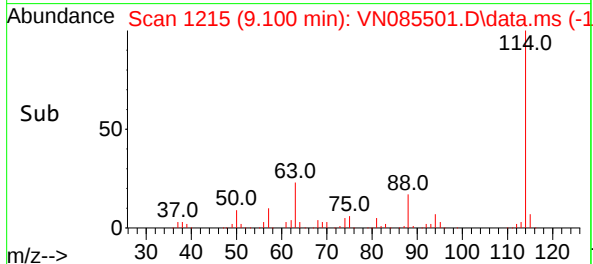
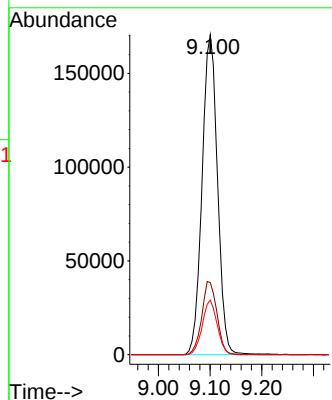
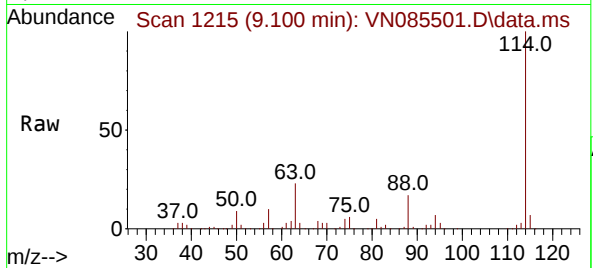




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:24

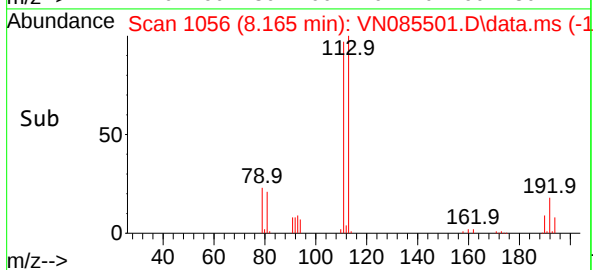
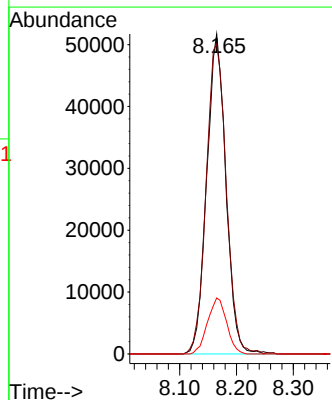
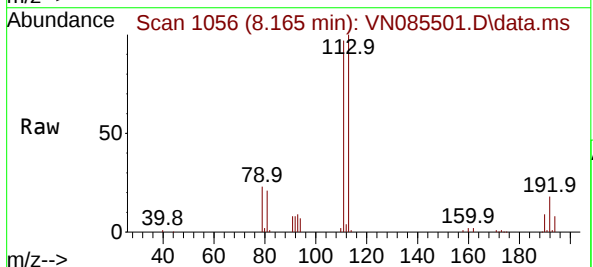
Instrument :
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ClientSampleId :
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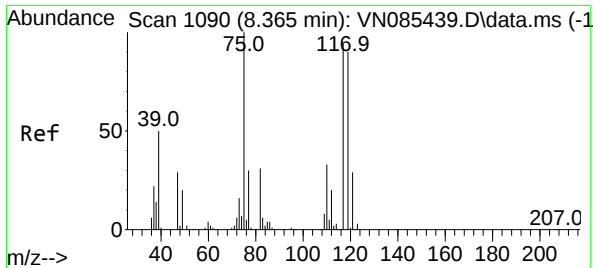
Tgt Ion:114 Resp: 353519
Ion Ratio Lower Upper
114 100
63 22.5 0.0 47.6
88 17.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.269 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:24

Tgt Ion:113 Resp: 120836
Ion Ratio Lower Upper
113 100
111 101.8 82.7 124.1
192 17.4 14.3 21.5

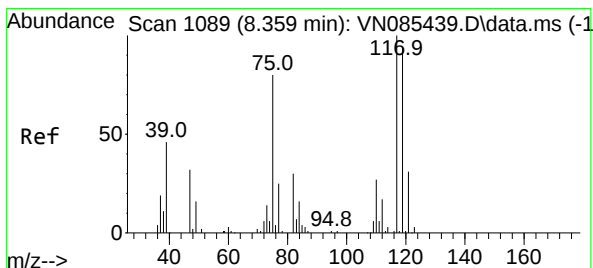
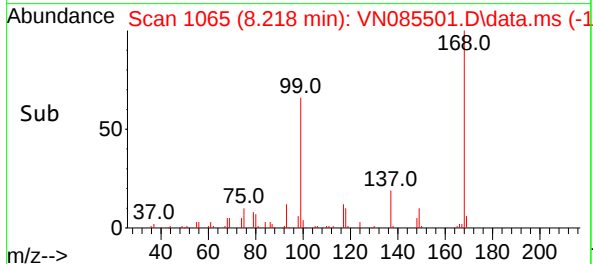
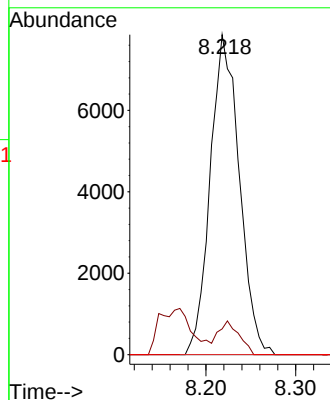
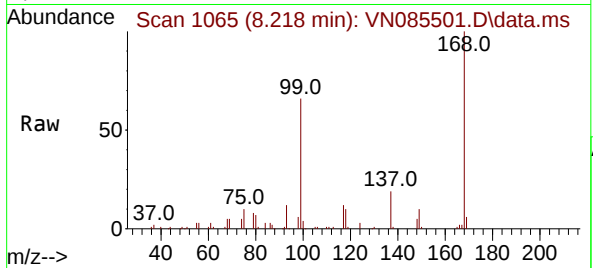




#36
 1,1-Dichloropropene
 Concen: 5.139 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.147 min
 Lab File: VN085501.D
 Acq: 17 Jan 2025 18:24

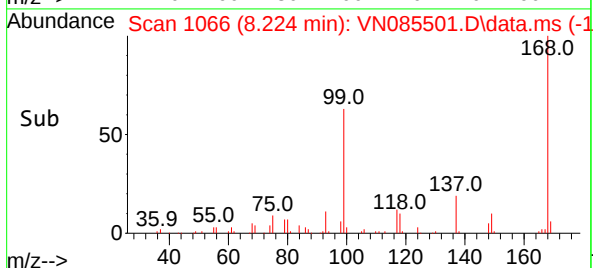
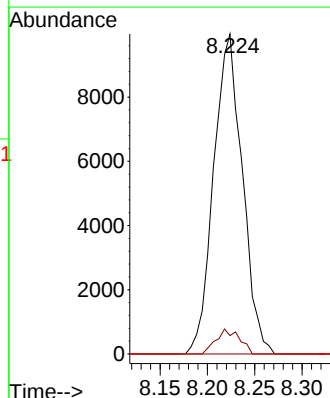
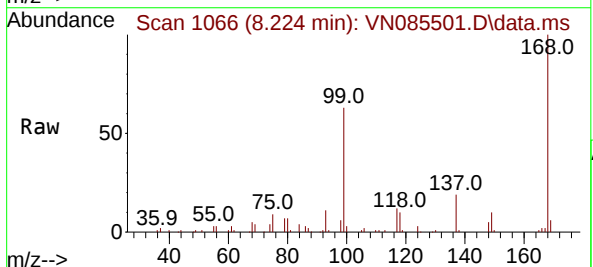
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 ClientSampleId : Storage-Blank-SOIL-REF-6

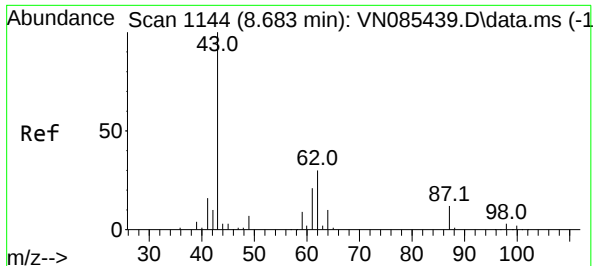
Tgt Ion: 75 Resp: 17688
 Ion Ratio Lower Upper
 75 100
 110 7.5 16.5 49.5#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.331 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.135 min
 Lab File: VN085501.D
 Acq: 17 Jan 2025 18:24

Tgt Ion: 117 Resp: 21008
 Ion Ratio Lower Upper
 117 100
 119 5.8 75.4 113.2#
 121 0.0 24.6 37.0#

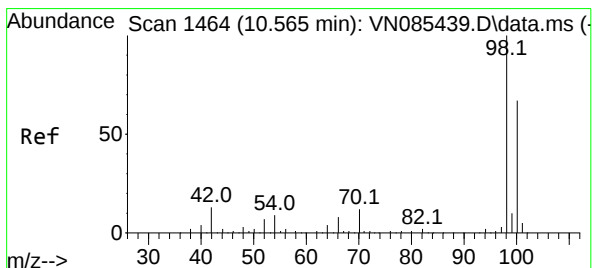
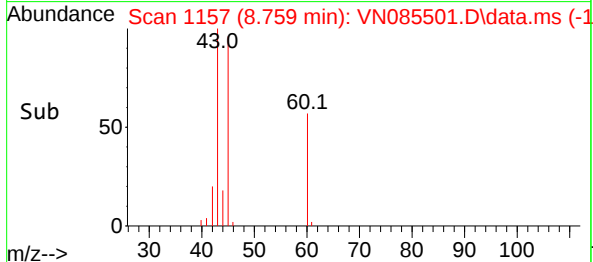
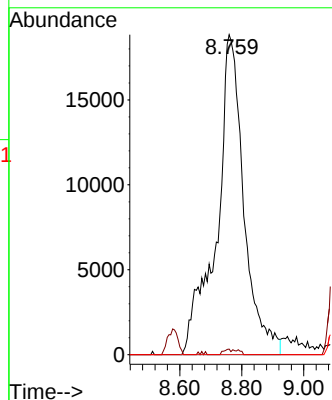
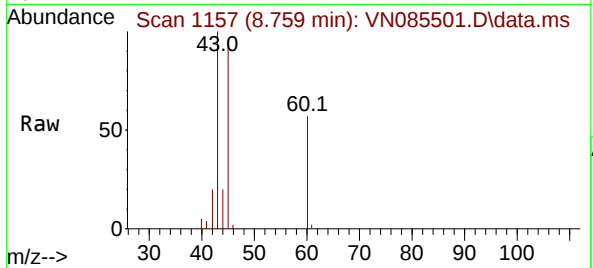




#43
Isopropyl Acetate
Concen: 20.685 ug/l
RT: 8.759 min Scan# 1157
Delta R.T. 0.077 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:24

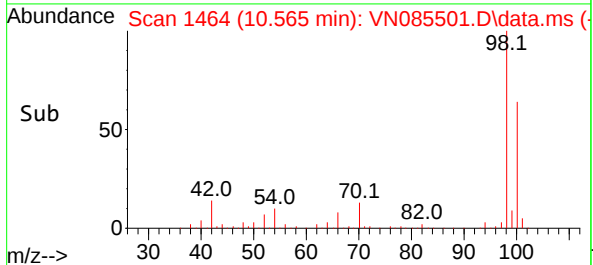
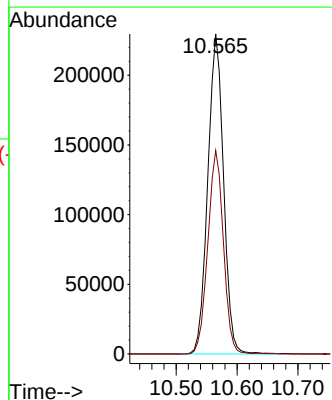
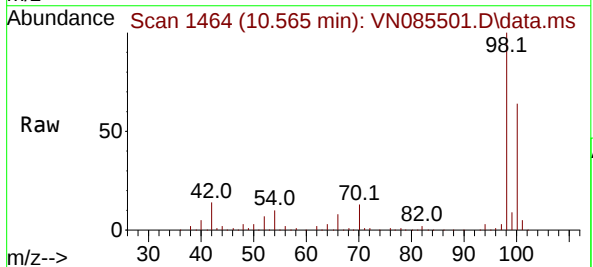
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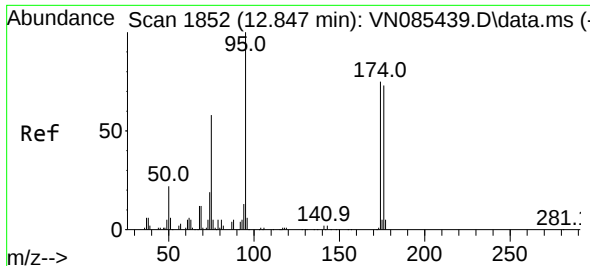
Tgt Ion: 43 Resp: 115155
Ion Ratio Lower Upper
43 100
61 0.5 20.7 31.1#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 47.350 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:24

Tgt Ion: 98 Resp: 412604
Ion Ratio Lower Upper
98 100
100 63.0 52.2 78.4

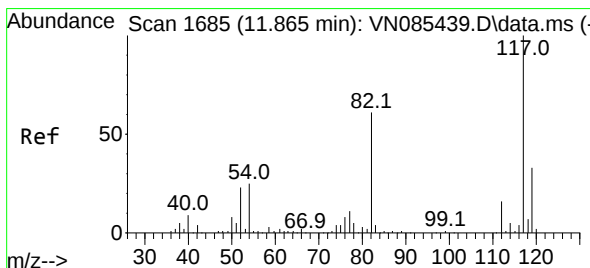
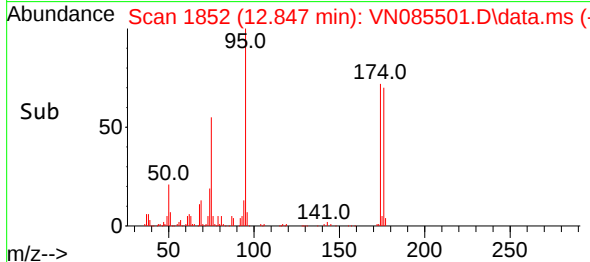
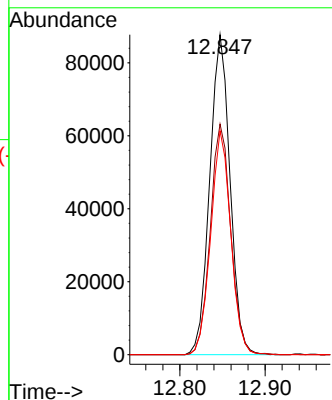
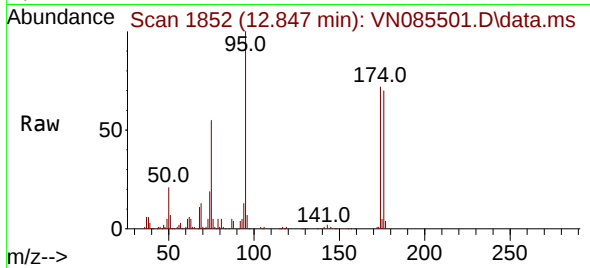




#62
4-Bromofluorobenzene
Concen: 48.628 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:24

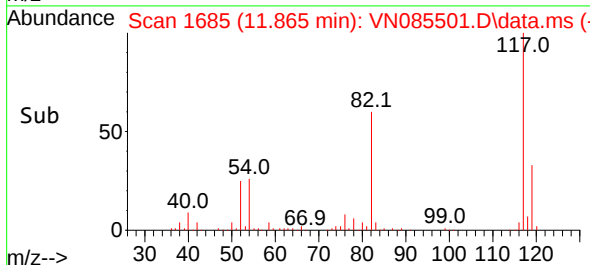
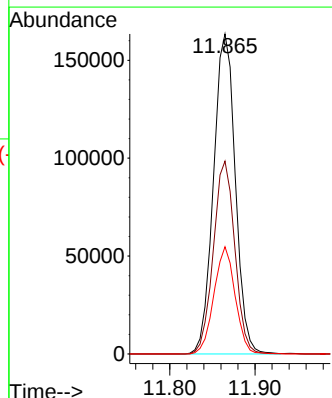
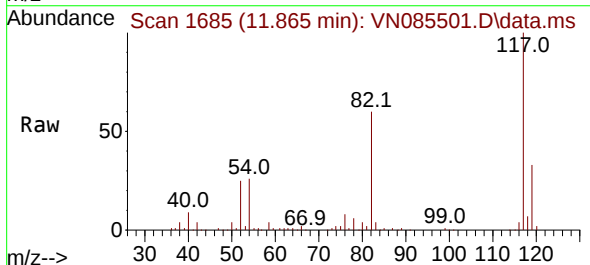
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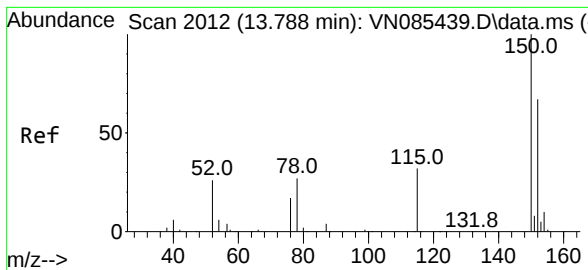
Tgt Ion: 95 Resp: 144949
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.0
176 69.2 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085501.D
Acq: 17 Jan 2025 18:24

Tgt Ion: 117 Resp: 291193
Ion Ratio Lower Upper
117 100
82 60.3 48.6 72.8
119 33.5 26.6 39.8

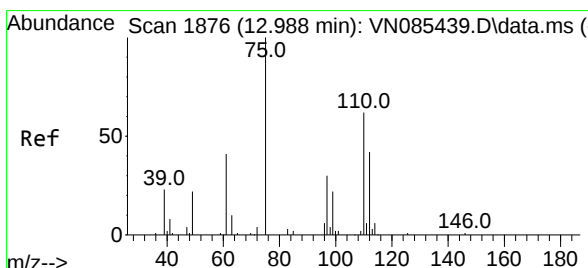
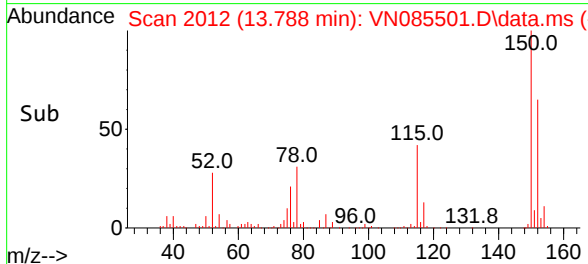
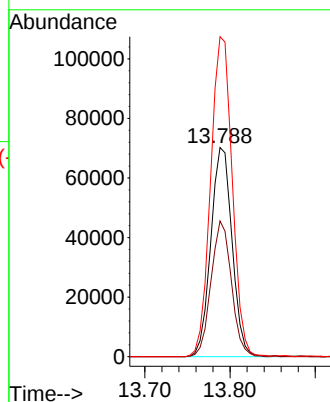
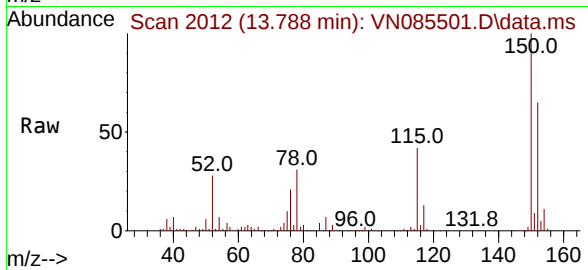




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN085501.D
 Acq: 17 Jan 2025 18:24

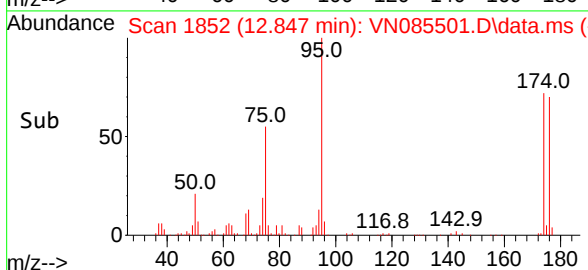
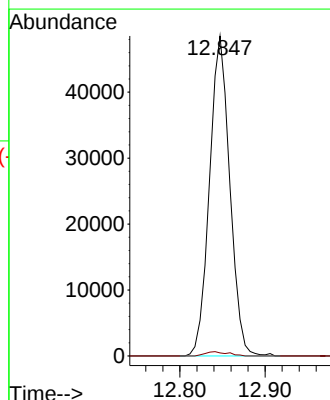
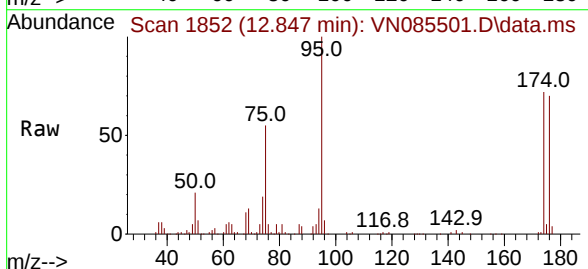
Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

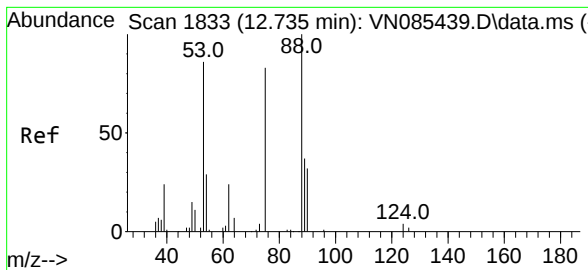
Tgt Ion:152 Resp: 121733
 Ion Ratio Lower Upper
 152 100
 115 62.1 31.1 93.3
 150 155.2 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 32.436 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085501.D
 Acq: 17 Jan 2025 18:24

Tgt Ion: 75 Resp: 80255
 Ion Ratio Lower Upper
 75 100
 77 1.5 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.758 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085501.D
 Acq: 17 Jan 2025 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Tgt Ion: 75 Resp: 80255
 Ion Ratio Lower Upper
 75 100
 53 0.2 95.6 143.4#
 89 0.0 37.0 55.6#

