

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085657.D
 Acq On : 04 Feb 2025 17:25
 Operator : JC\MD
 Sample : Q1268-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Feb 05 01:08:54 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)

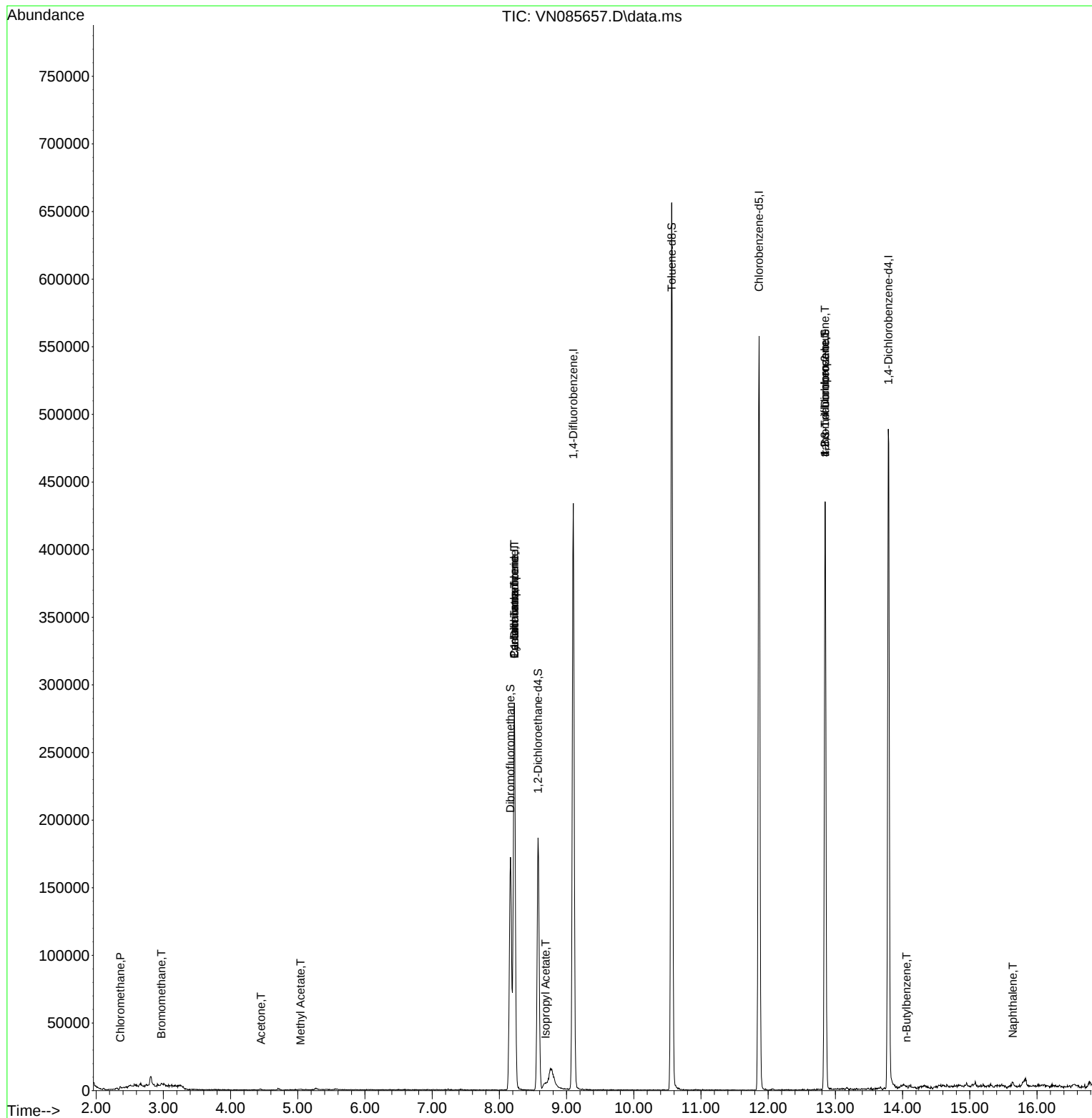
Internal Standards						
1) Pentafluorobenzene	8.224	168	198753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	376703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142429	44.394	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.780%		
35) Dibromofluoromethane	8.165	113	122994	47.063	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.120%		
50) Toluene-d8	10.565	98	452050	48.684	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.360%		
62) 4-Bromofluorobenzene	12.847	95	148295	46.688	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.380%		
Target Compounds						Qvalue
3) Chloromethane	2.359	50	1114	0.382	ug/l	99
5) Bromomethane	2.971	94	1171	0.662	ug/l	99
16) Acetone	4.453	43	1276	1.231	ug/l #	45
18) Methyl Acetate	5.042	43	1029	0.326	ug/l #	64
31) Cyclohexane	8.224	56	4977	1.222	ug/l #	2
36) 1,1-Dichloropropene	8.224	75	16886	4.604	ug/l #	51
38) Carbon Tetrachloride	8.224	117	22434	5.343	ug/l #	16
43) Isopropyl Acetate	8.688	43	4282	0.722	ug/l #	55
76) 1,2,3-Trichloropropane	12.847	75	77778	28.486	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	77778	77.070	ug/l #	3
89) n-Butylbenzene	14.059	91	1306	0.209	ug/l #	40
95) Naphthalene	15.641	128	3256	0.540	ug/l #	90

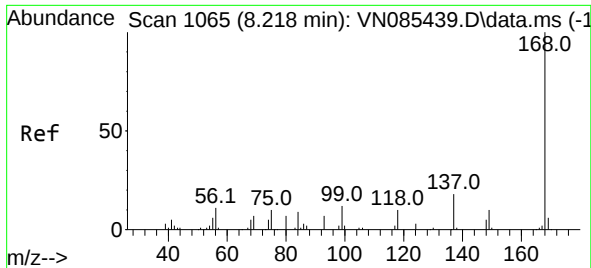
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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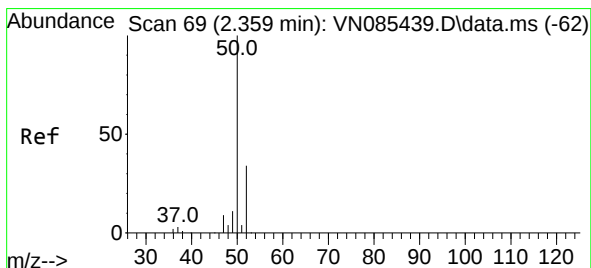
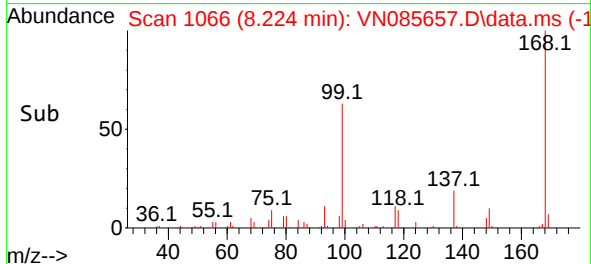
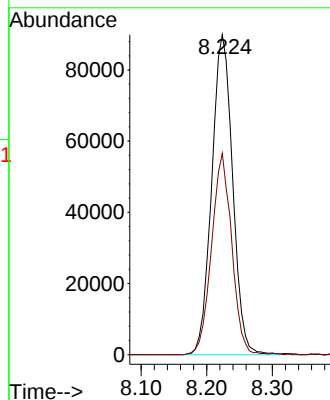
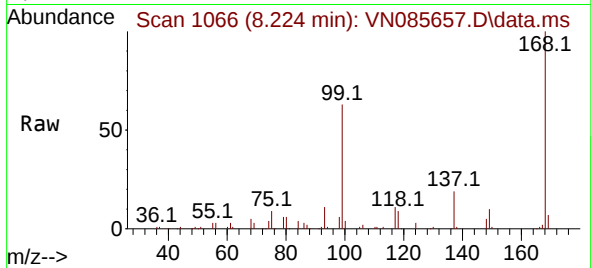




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

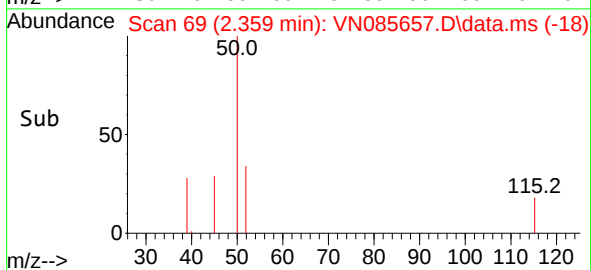
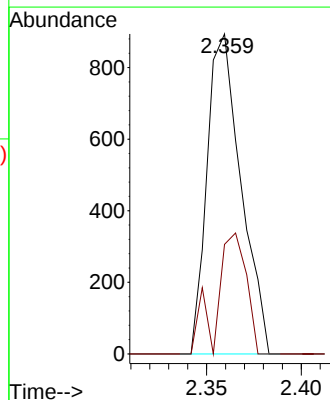
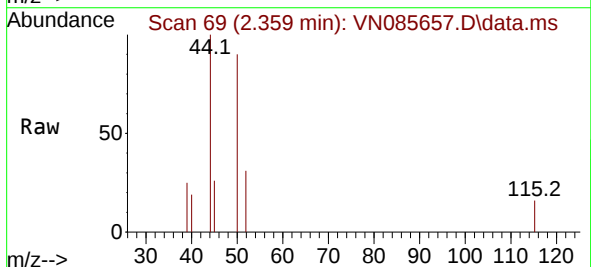
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

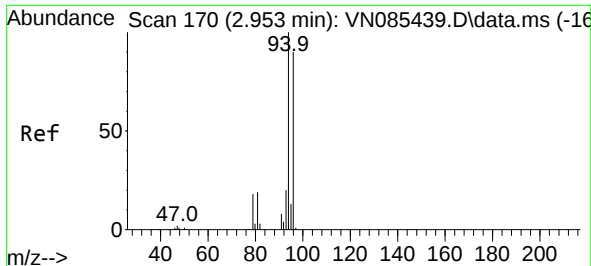
Tgt Ion:168 Resp: 198753
Ion Ratio Lower Upper
168 100
99 62.9 53.6 80.4



#3
Chloromethane
Concen: 0.382 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

Tgt Ion: 50 Resp: 1114
Ion Ratio Lower Upper
50 100
52 34.2 27.0 40.6

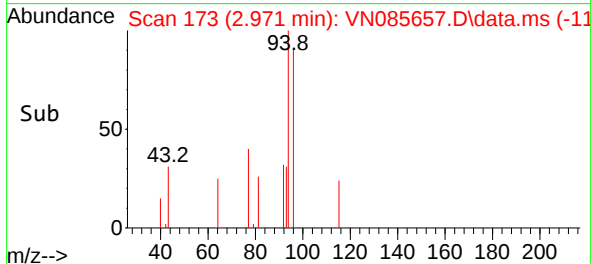
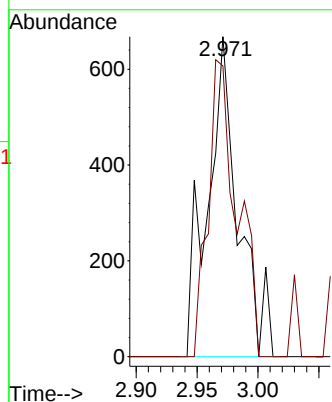
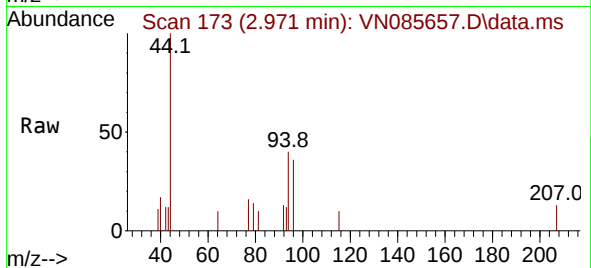




#5
Bromomethane
Concen: 0.662 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

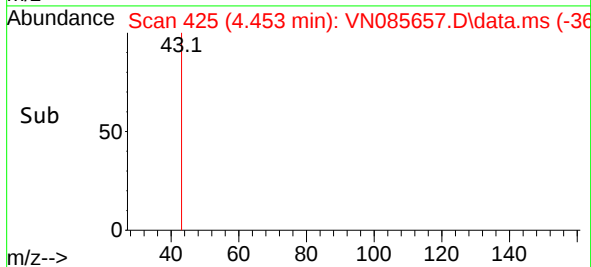
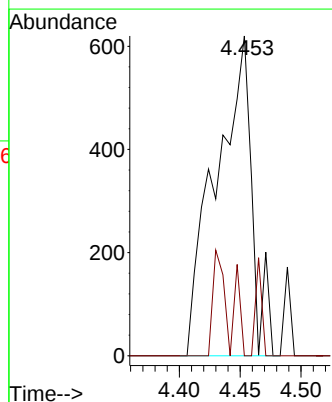
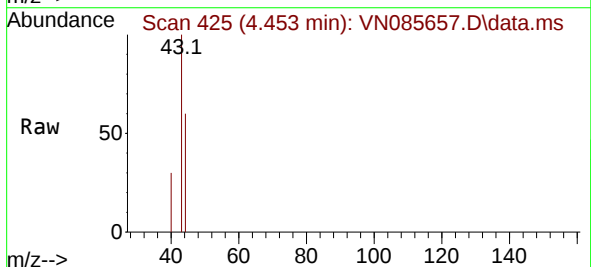
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

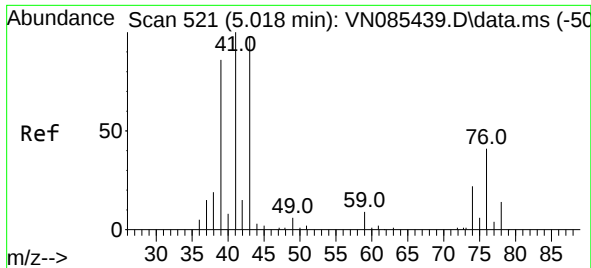
Tgt Ion: 94 Resp: 1171
Ion Ratio Lower Upper
94 100
96 90.9 71.8 107.6



#16
Acetone
Concen: 1.231 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.035 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

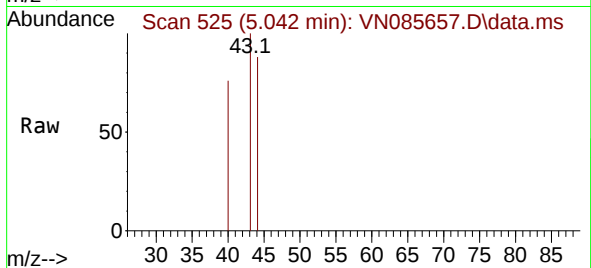
Tgt Ion: 43 Resp: 1276
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



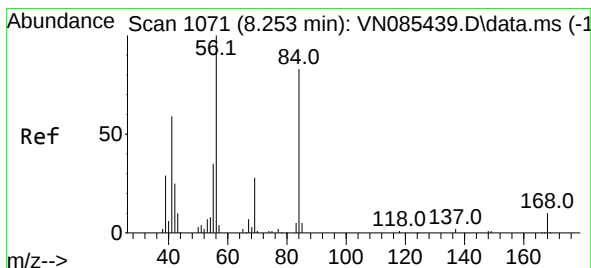
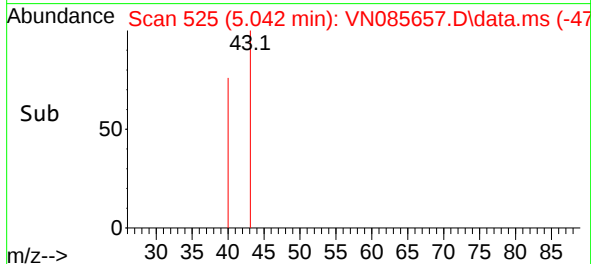
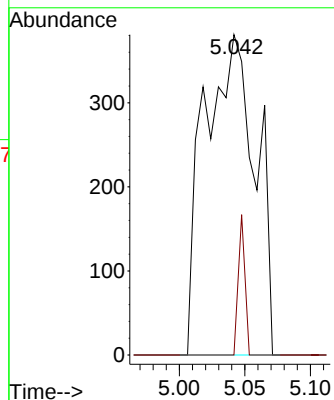


#18
Methyl Acetate
Concen: 0.326 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.024 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

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

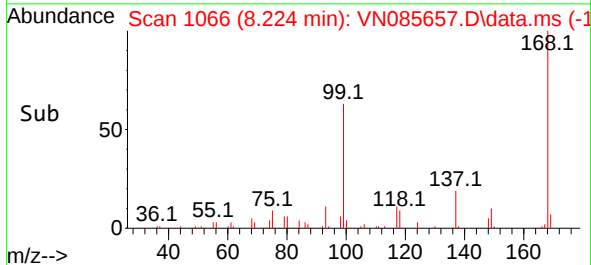
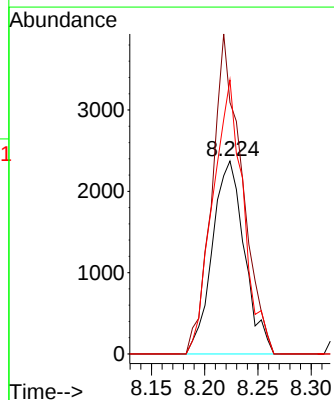
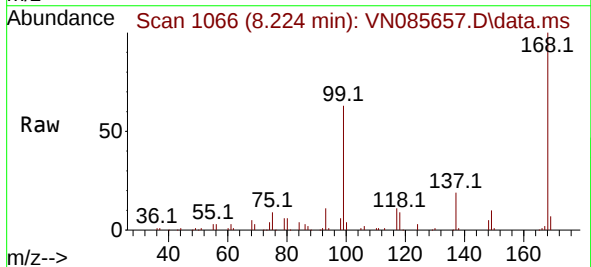


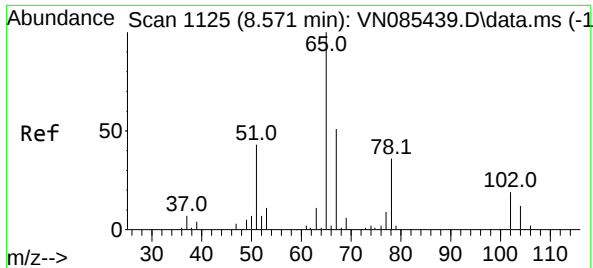
Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
74 5.7 18.6 28.0#



#31
Cyclohexane
Concen: 1.222 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

Tgt Ion: 56 Resp: 4977
Ion Ratio Lower Upper
56 100
69 130.4 22.2 33.4#
84 142.1 66.4 99.6#

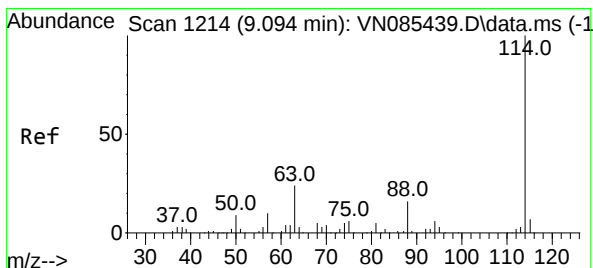
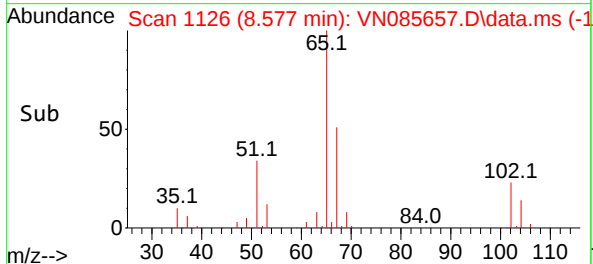
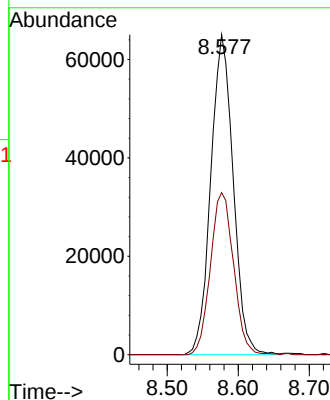
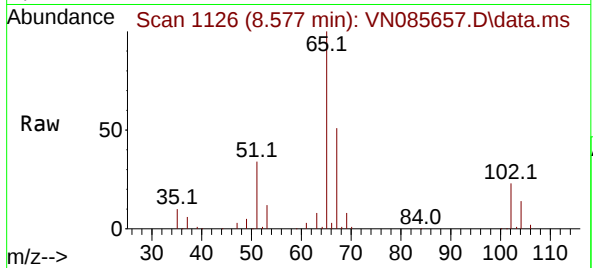




#33
 1,2-Dichloroethane-d4
 Concen: 44.394 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085657.D
 Acq: 04 Feb 2025 17:25

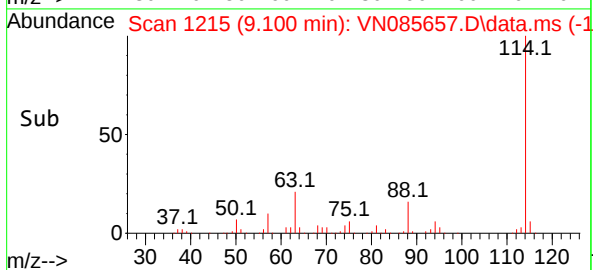
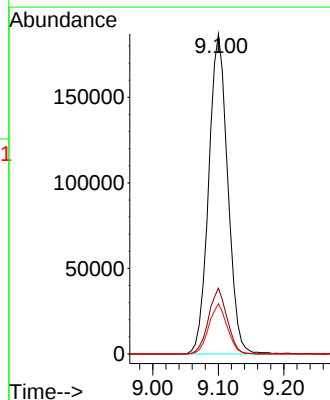
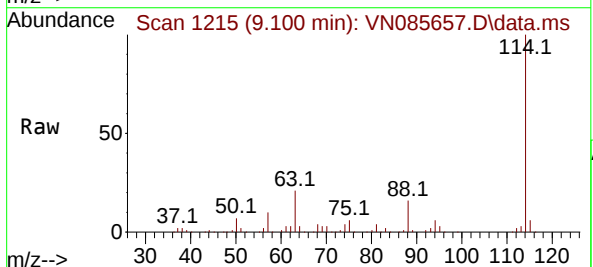
Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

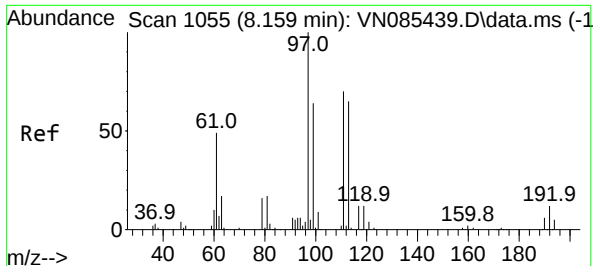
Tgt Ion: 65 Resp: 142429
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085657.D
 Acq: 04 Feb 2025 17:25

Tgt Ion: 114 Resp: 376703
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 47.6
 88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.063 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085657.D

Acq: 04 Feb 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

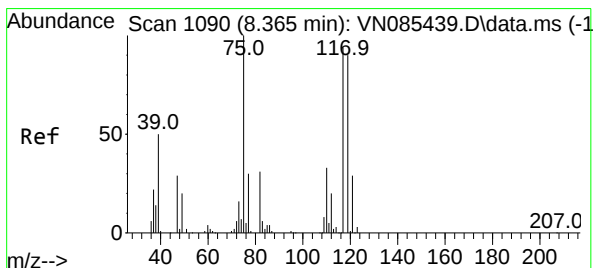
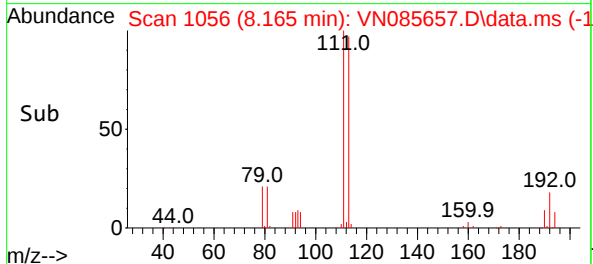
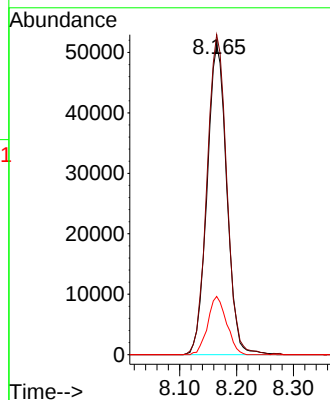
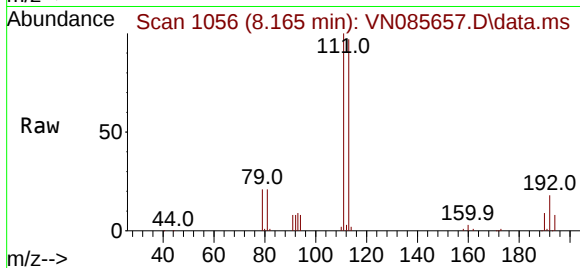
Tgt Ion:113 Resp: 122994

Ion Ratio Lower Upper

113 100

111 103.6 82.7 124.1

192 18.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.604 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085657.D

Acq: 04 Feb 2025 17:25

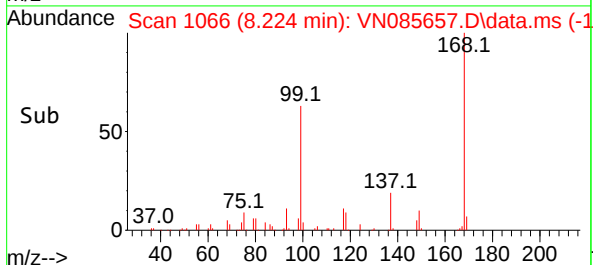
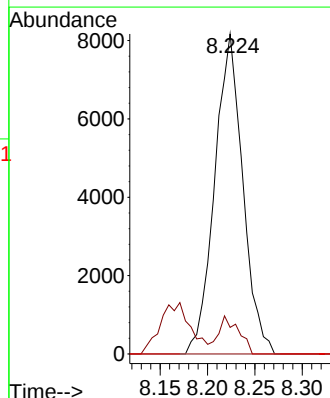
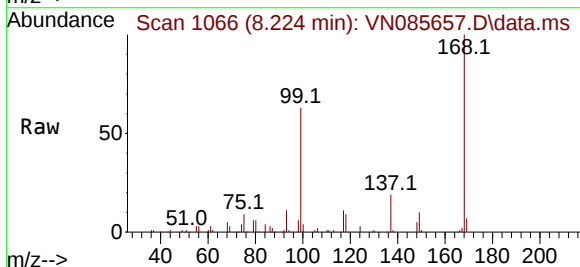
Tgt Ion: 75 Resp: 16886

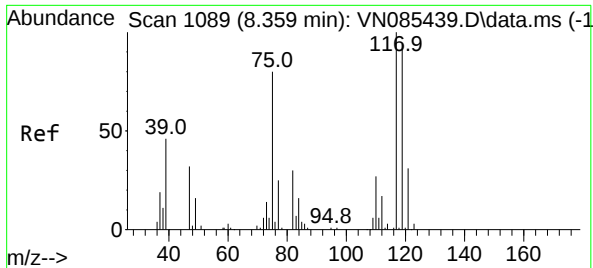
Ion Ratio Lower Upper

75 100

110 8.6 16.5 49.5#

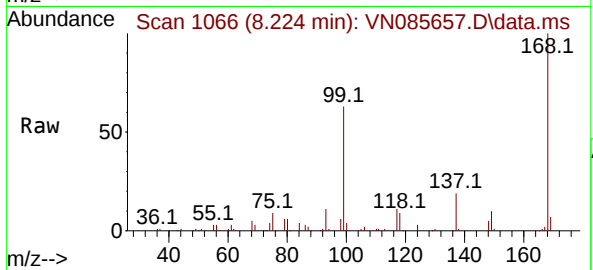
77 0.0 24.4 36.6#



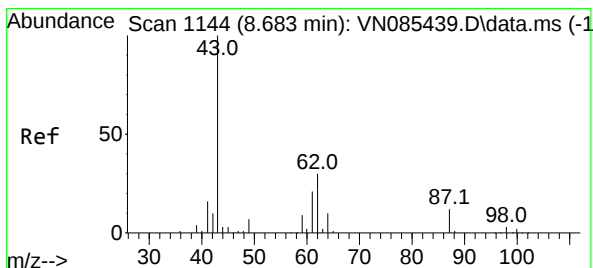
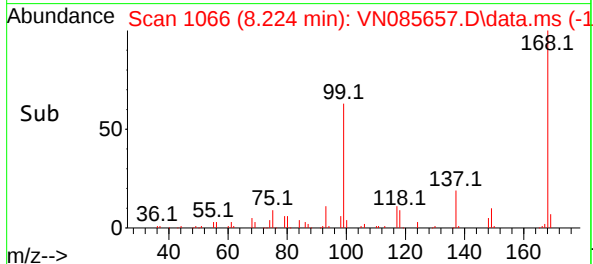
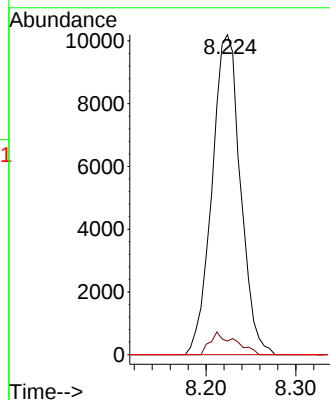


#38
Carbon Tetrachloride
Concen: 5.343 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

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

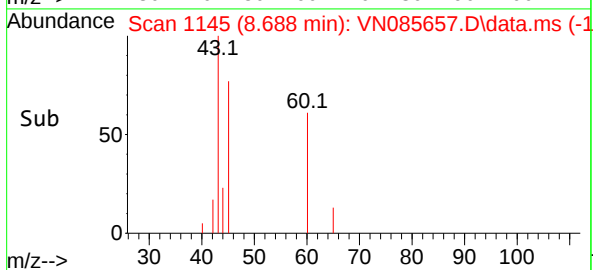
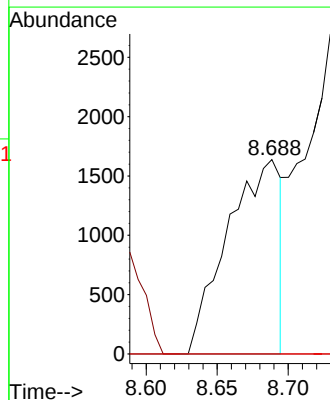
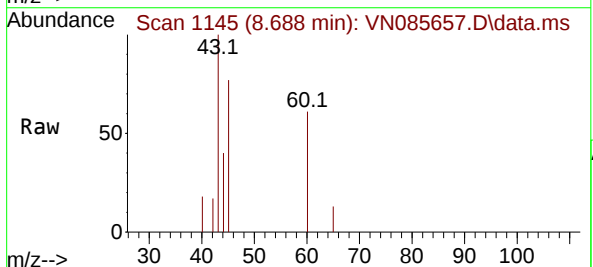


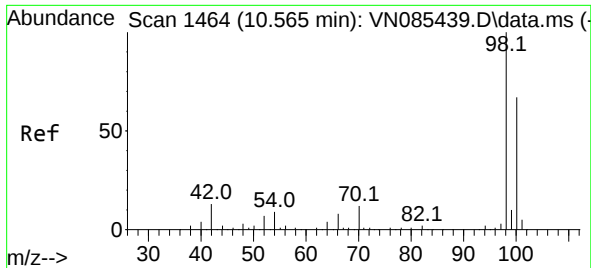
Tgt Ion:117 Resp: 22434
Ion Ratio Lower Upper
117 100
119 4.2 75.4 113.2#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.722 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

Tgt Ion: 43 Resp: 4282
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#

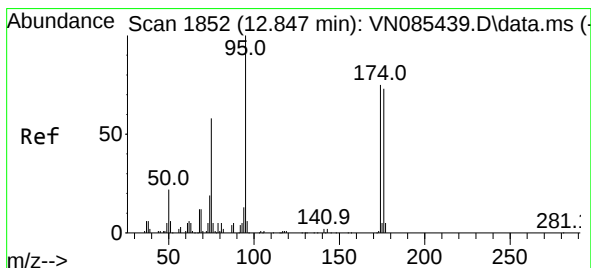
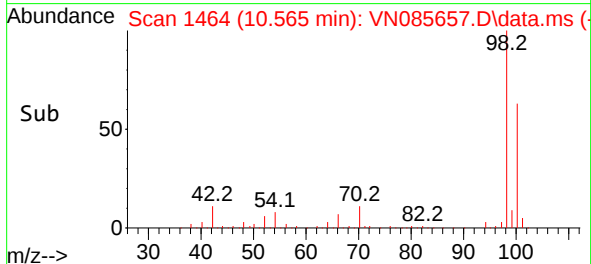
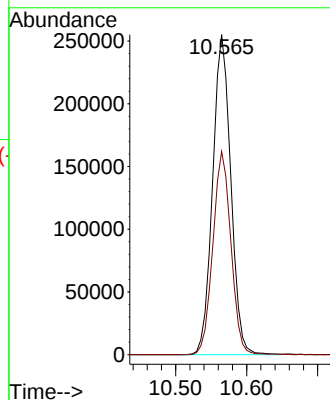
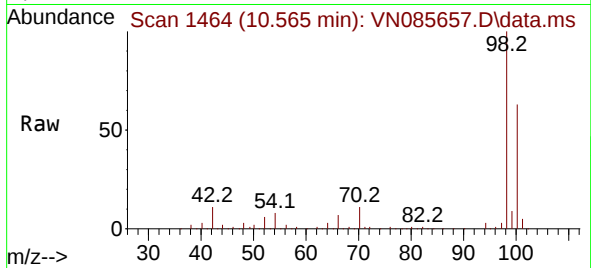




#50
Toluene-d8
Concen: 48.684 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

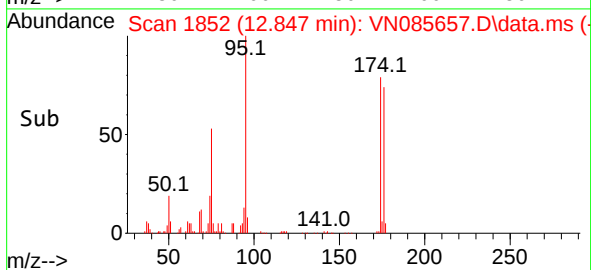
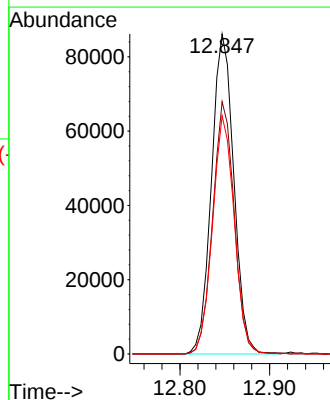
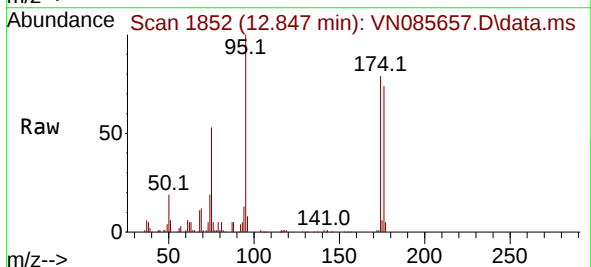
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

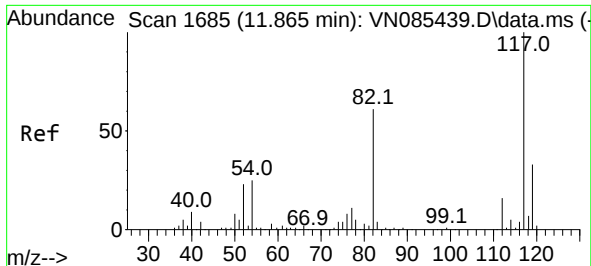
Tgt Ion: 98 Resp: 452050
Ion Ratio Lower Upper
98 100
100 63.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.688 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

Tgt Ion: 95 Resp: 148295
Ion Ratio Lower Upper
95 100
174 76.3 0.0 145.0
176 72.9 0.0 142.4

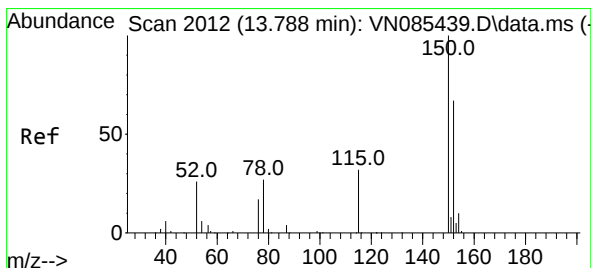
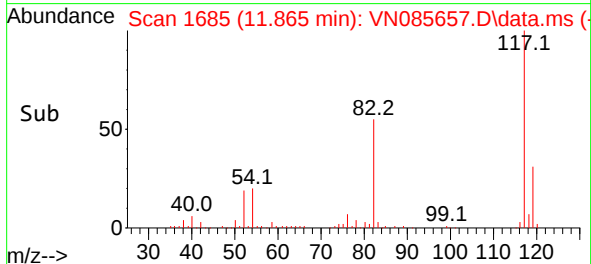
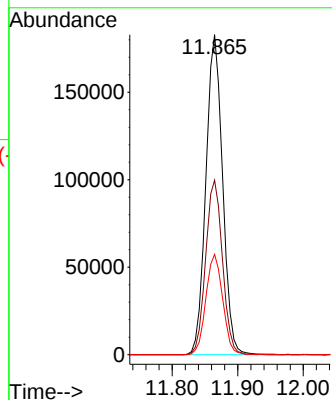
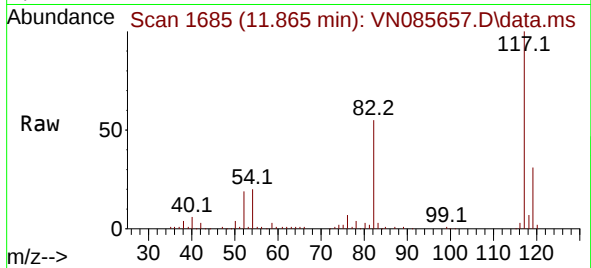




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

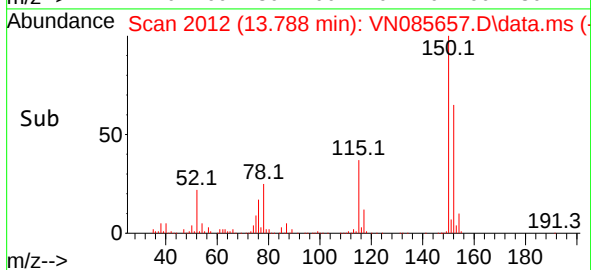
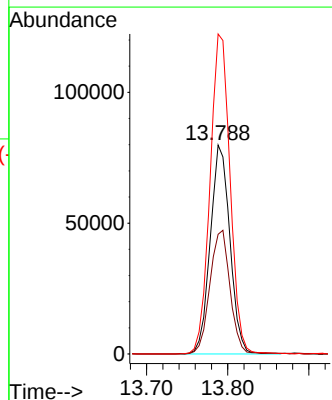
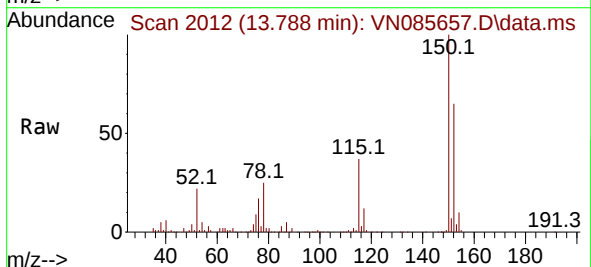
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

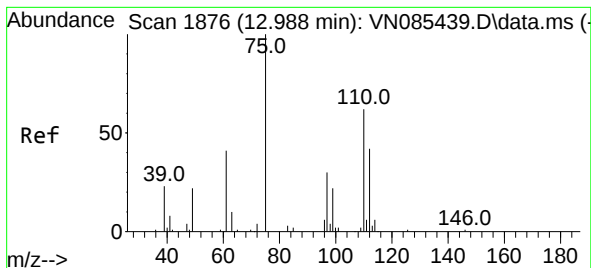
Tgt Ion:117 Resp: 324307
Ion Ratio Lower Upper
117 100
82 54.5 48.6 72.8
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

Tgt Ion:152 Resp: 134337
Ion Ratio Lower Upper
152 100
115 60.5 31.1 93.3
150 155.9 0.0 343.6





#76

1,2,3-Trichloropropane

Concen: 28.486 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085657.D

Acq: 04 Feb 2025 17:25

Instrument :

MSVOA_N

ClientSampleId :

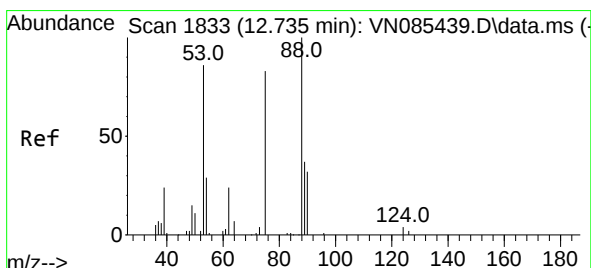
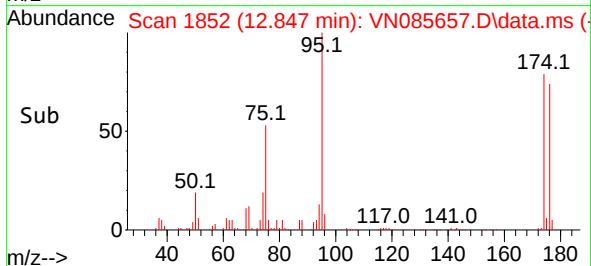
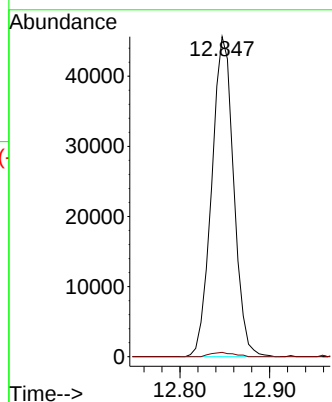
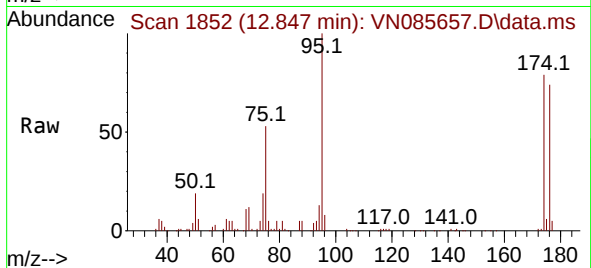
Storage-Blank-SOIL-REF-6

Tgt Ion: 75 Resp: 77778

Ion Ratio Lower Upper

75 100

77 1.4 109.7 329.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 77.070 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN085657.D

Acq: 04 Feb 2025 17:25

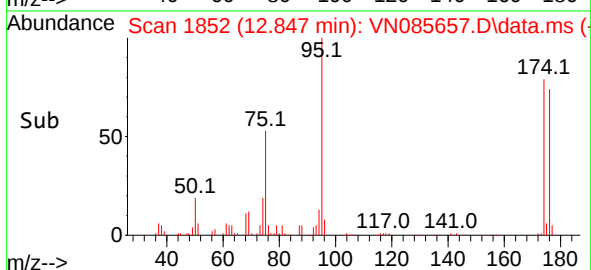
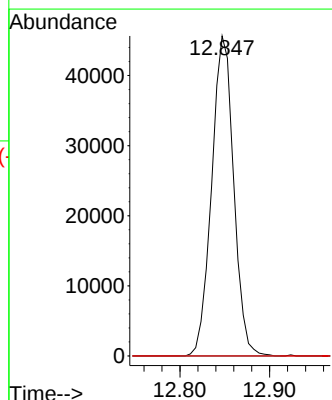
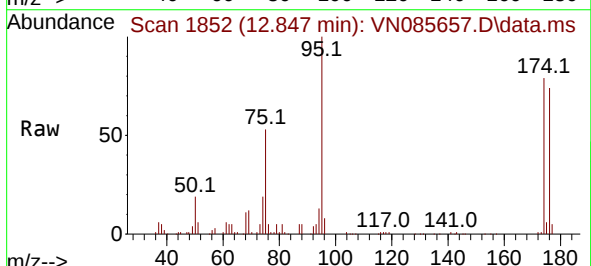
Tgt Ion: 75 Resp: 77778

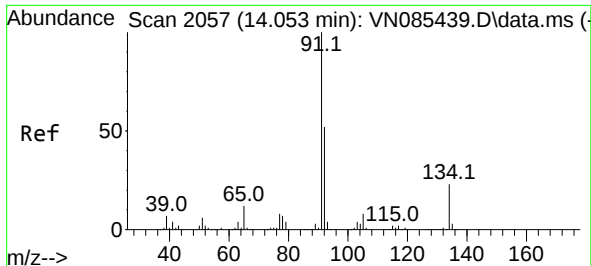
Ion Ratio Lower Upper

75 100

53 0.0 95.6 143.4#

89 0.0 37.0 55.6#

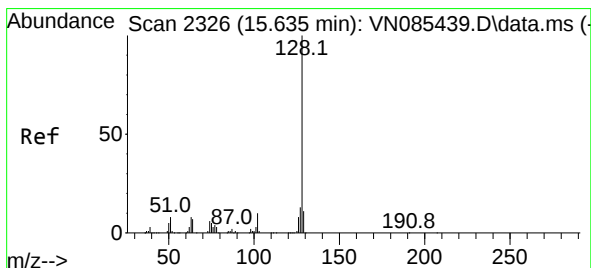
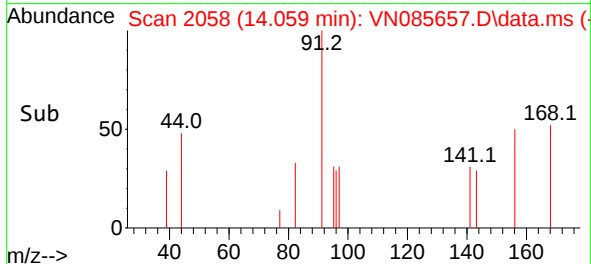
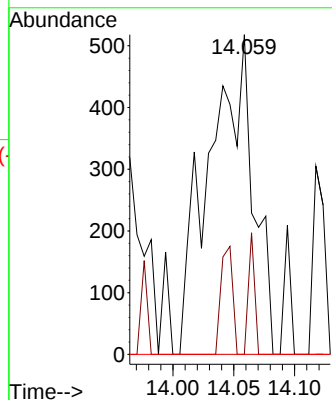
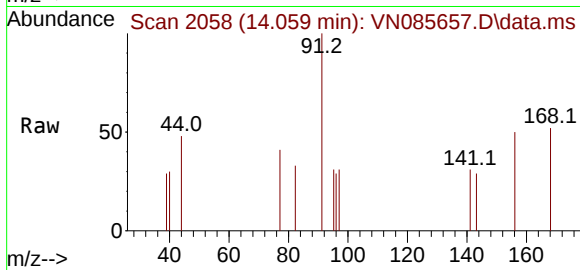




#89
n-Butylbenzene
Concen: 0.209 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

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

Tgt Ion: 91 Resp: 1306
Ion Ratio Lower Upper
91 100
92 5.4 25.8 77.3#
134 0.0 11.7 35.1#



#95
Naphthalene
Concen: 0.540 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

Tgt Ion:128 Resp: 3256
Ion Ratio Lower Upper
128 100
127 14.5 10.6 16.0
129 17.7 8.8 13.2#

