

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083335.D
 Acq On : 15 Aug 2024 16:49
 Operator : JC\MD
 Sample : P3456-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 16 01:53:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

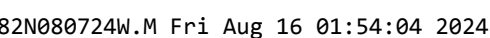
Internal Standards						
1) Pentafluorobenzene	8.223	168	126331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	252648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	266746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121595	50.000	ug/l	0.00

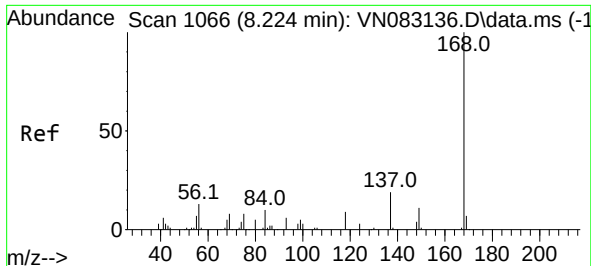
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	108101	60.117	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.240%
35) Dibromofluoromethane	8.165	113	85123	53.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.960%
50) Toluene-d8	10.570	98	315926	53.706	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.420%
62) 4-Bromofluorobenzene	12.853	95	134182	58.510	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	117.020%

Target Compounds					Qvalue	
3) Chloromethane	2.365	50	453	0.309	ug/l #	43
16) Acetone	4.435	43	538	0.765	ug/l #	82
20) Methylene Chloride	5.282	84	527	0.325	ug/l #	39
31) Cyclohexane	8.223	56	3360	1.261	ug/l #	1
36) 1,1-Dichloropropene	8.223	75	11536	4.836	ug/l #	52
38) Carbon Tetrachloride	8.229	117	14474	5.387	ug/l #	18
43) Isopropyl Acetate	8.706	43	568	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.565	43	1726	0.683	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72163	27.040	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72163	58.819	ug/l #	6

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

Quant Time: Aug 16 01:53:51 2024
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Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

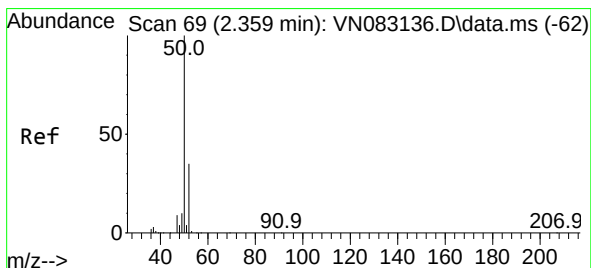
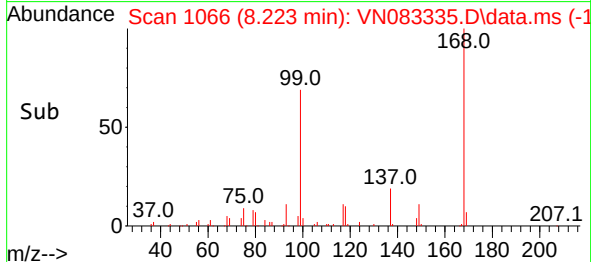
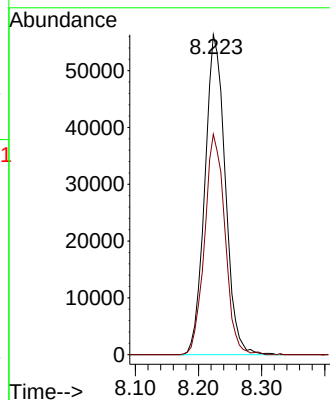
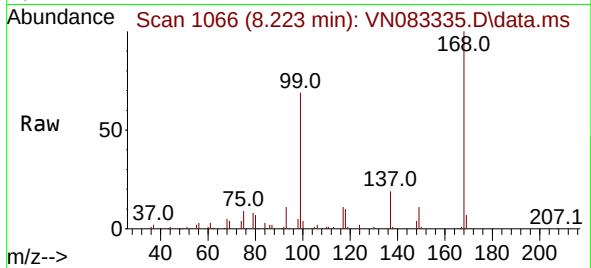




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN083335.D
Acq: 15 Aug 2024 16:49

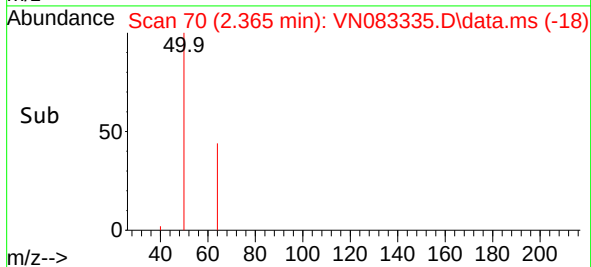
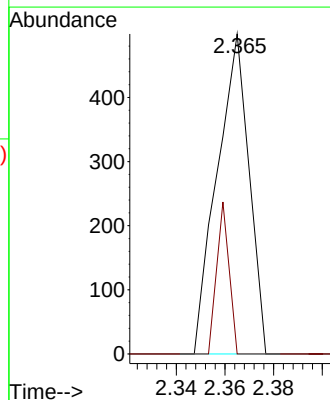
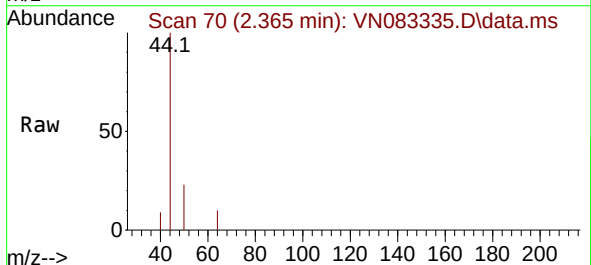
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

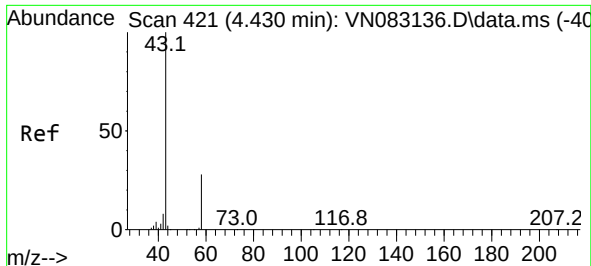
Tgt Ion:168 Resp: 126331
Ion Ratio Lower Upper
168 100
99 68.9 48.2 72.4



#3
Chloromethane
Concen: 0.309 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083335.D
Acq: 15 Aug 2024 16:49

Tgt Ion: 50 Resp: 453
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

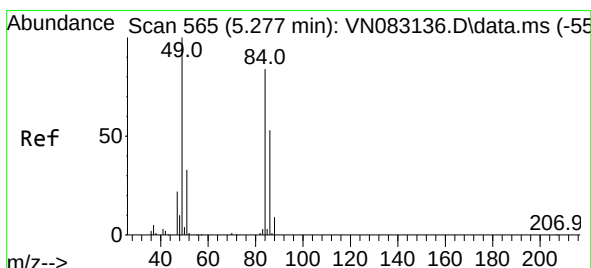
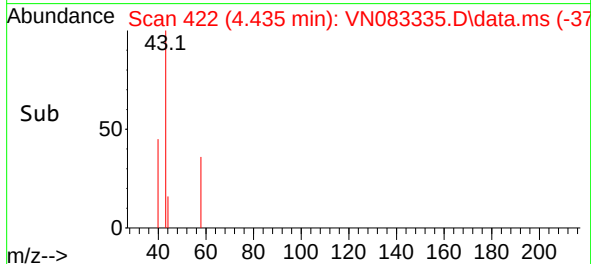
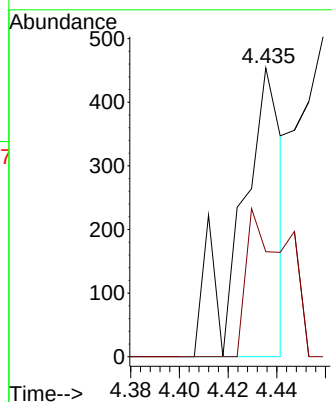
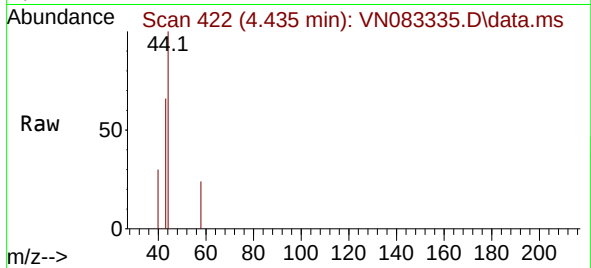




#16
Acetone
Concen: 0.765 ug/l
RT: 4.435 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083335.D
Acq: 15 Aug 2024 16:49

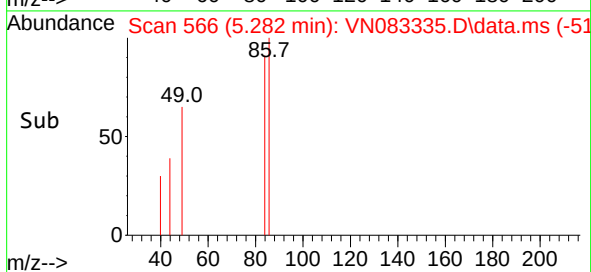
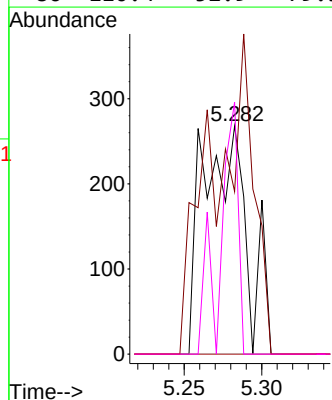
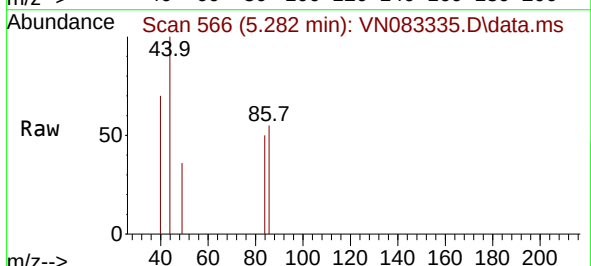
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

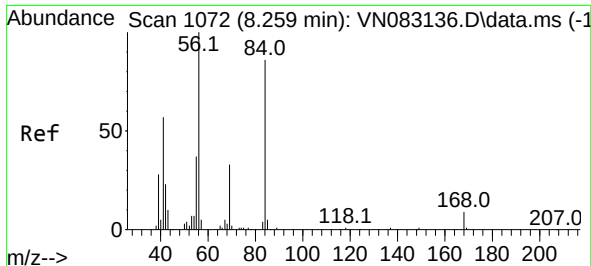
Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
58 36.3 21.8 32.6#



#20
Methylene Chloride
Concen: 0.325 ug/l
RT: 5.282 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN083335.D
Acq: 15 Aug 2024 16:49

Tgt Ion: 84 Resp: 527
Ion Ratio Lower Upper
84 100
49 71.3 119.6 179.4#
51 0.0 34.8 52.2#
86 110.4 52.9 79.3#

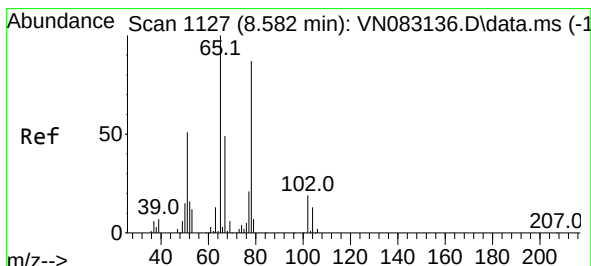
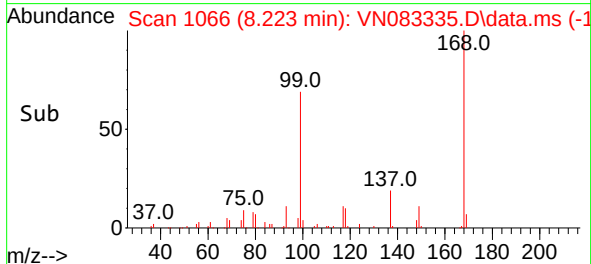
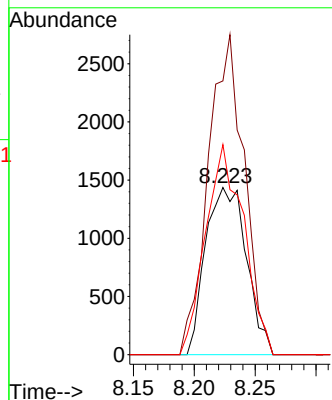
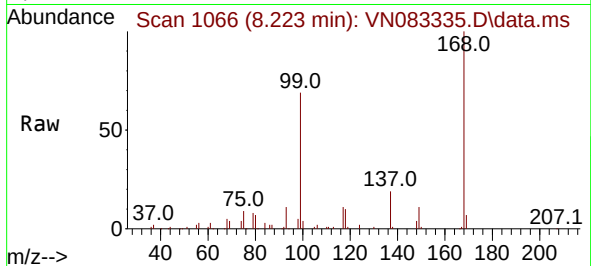




#31
Cyclohexane
Concen: 1.261 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.036 min
Lab File: VN083335.D
Acq: 15 Aug 2024 16:49

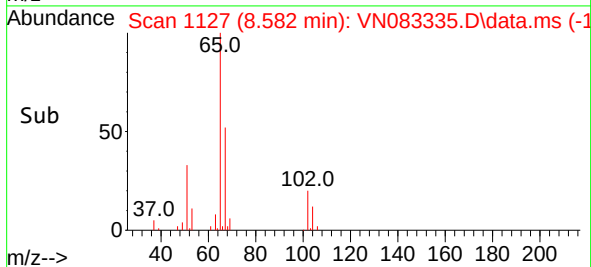
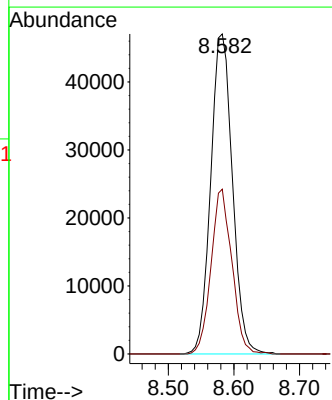
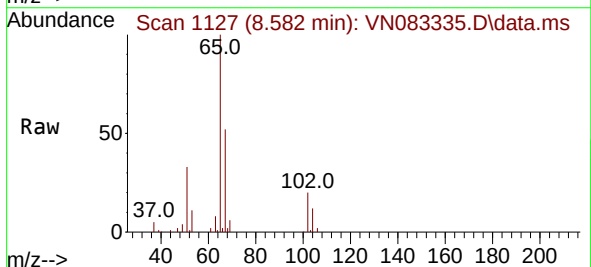
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

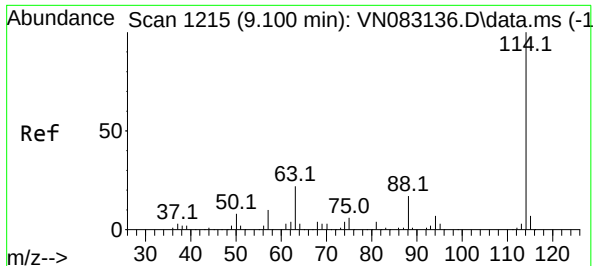
Tgt Ion: 56 Resp: 3360
Ion Ratio Lower Upper
56 100
69 163.8 24.5 36.7#
84 125.7 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 60.117 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083335.D
Acq: 15 Aug 2024 16:49

Tgt Ion: 65 Resp: 108101
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN083335.D

Acq: 15 Aug 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

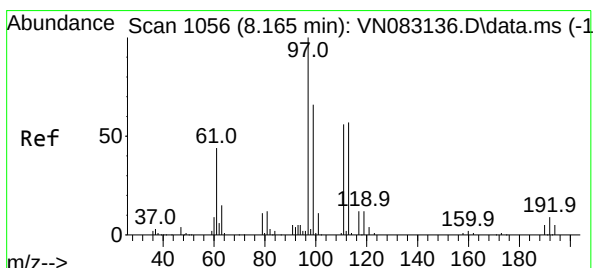
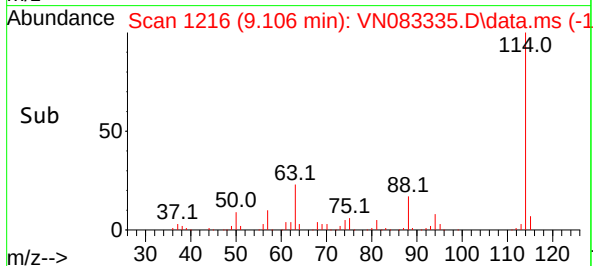
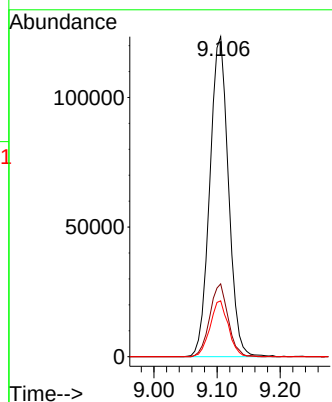
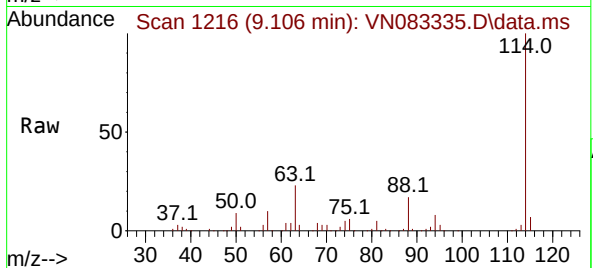
Tgt Ion:114 Resp: 252648

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 17.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.979 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083335.D

Acq: 15 Aug 2024 16:49

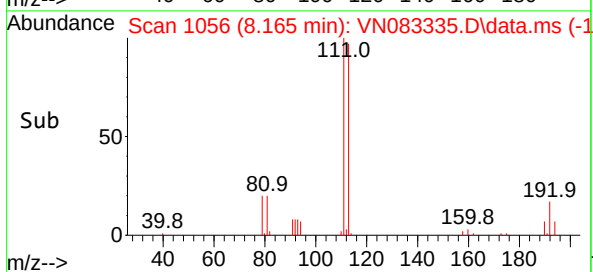
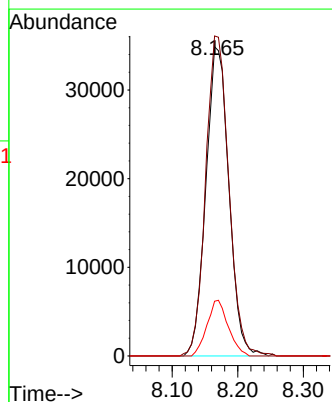
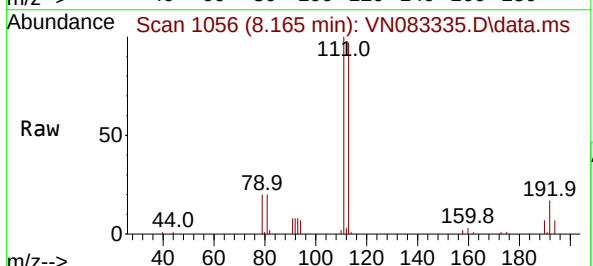
Tgt Ion:113 Resp: 85123

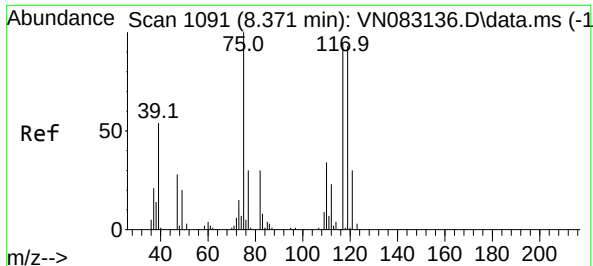
Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

192 16.7 14.9 22.3

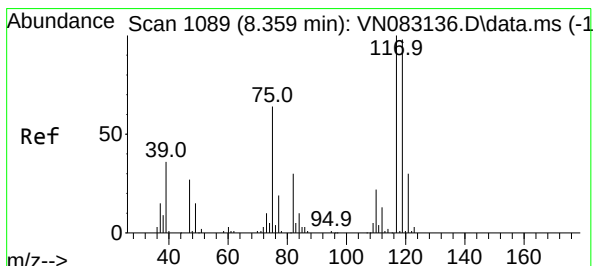
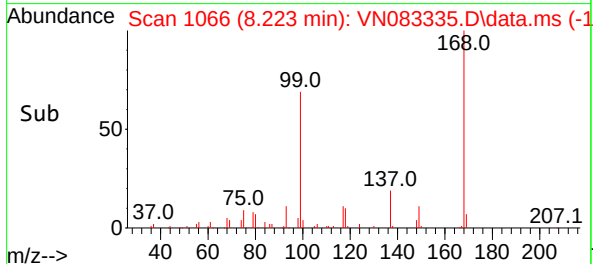
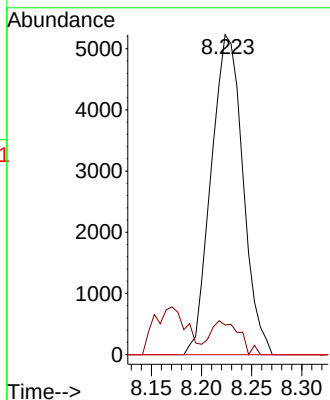
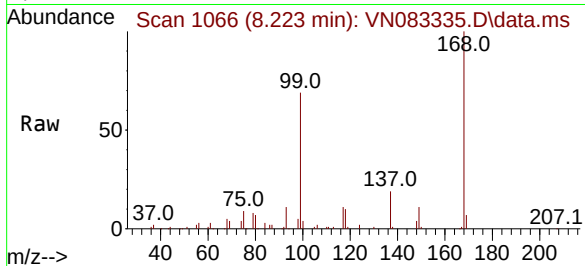




#36
 1,1-Dichloropropene
 Concen: 4.836 ug/l
 RT: 8.223 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN083335.D
 Acq: 15 Aug 2024 16:49

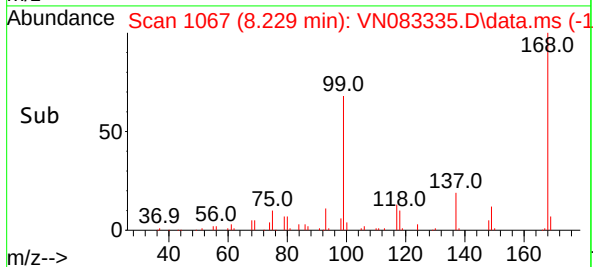
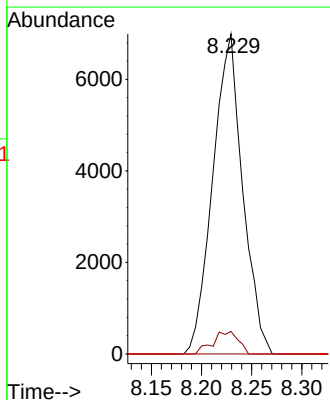
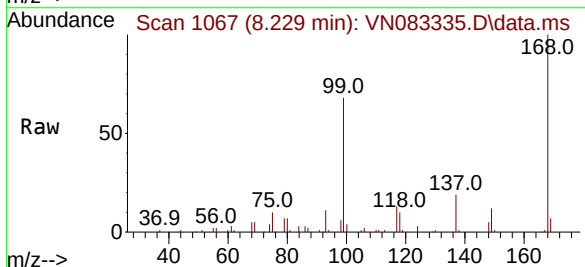
Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

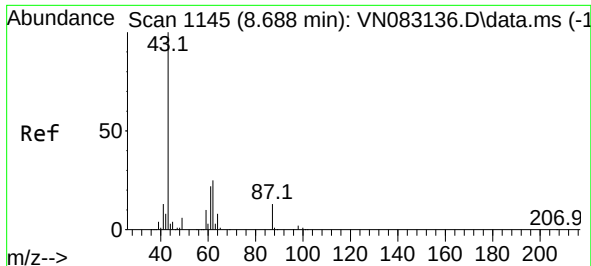
Tgt Ion: 75 Resp: 11536
 Ion Ratio Lower Upper
 75 100
 110 9.5 16.3 48.9#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.387 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.130 min
 Lab File: VN083335.D
 Acq: 15 Aug 2024 16:49

Tgt Ion: 117 Resp: 14474
 Ion Ratio Lower Upper
 117 100
 119 7.1 74.9 112.3#
 121 0.0 24.3 36.5#

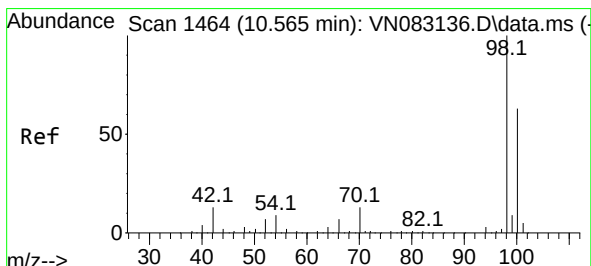
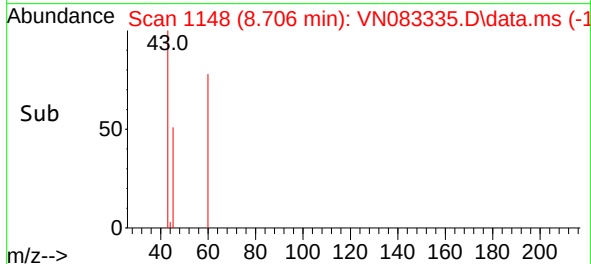
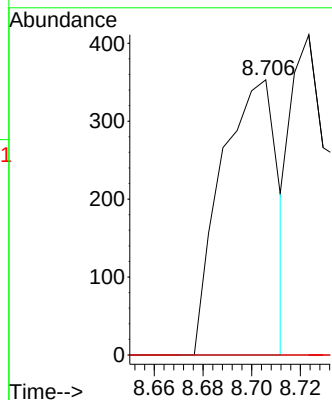
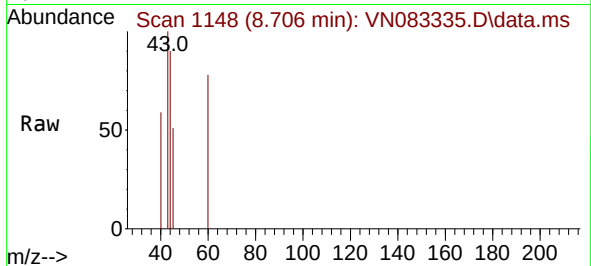




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.706 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN083335.D
Acq: 15 Aug 2024 16:49

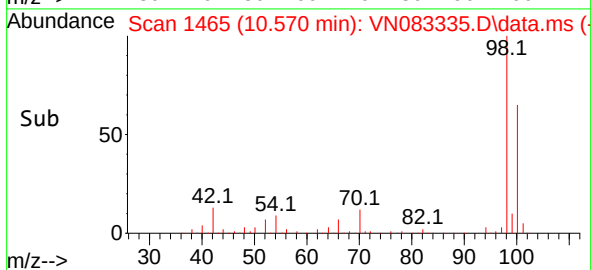
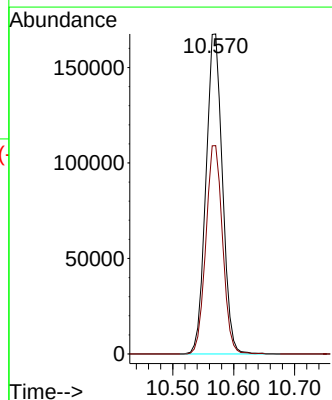
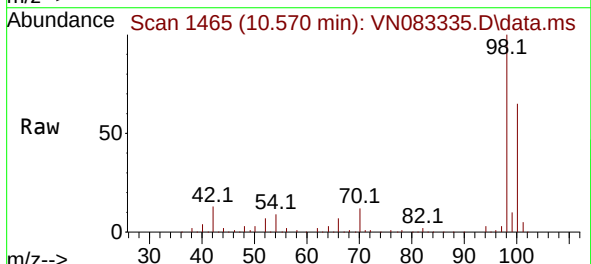
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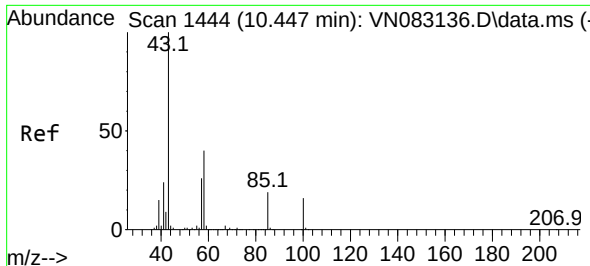
Tgt Ion: 43 Resp: 568
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 53.706 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN083335.D
Acq: 15 Aug 2024 16:49

Tgt Ion: 98 Resp: 315926
Ion Ratio Lower Upper
98 100
100 65.8 51.5 77.3

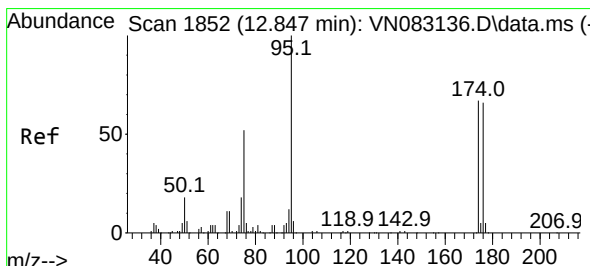
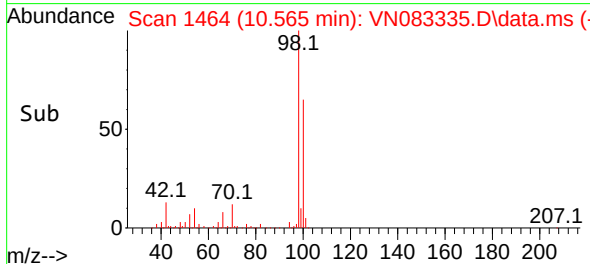
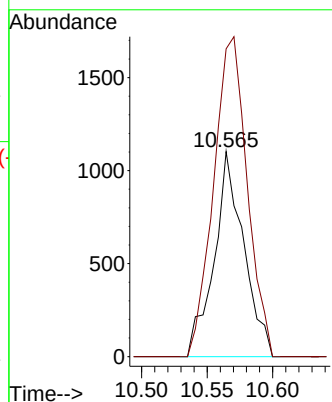
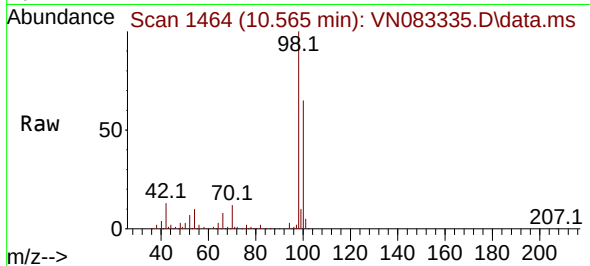




#51
4-Methyl-2-Pentanone
Concen: 0.683 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.117 min
Lab File: VN083335.D
Acq: 15 Aug 2024 16:49

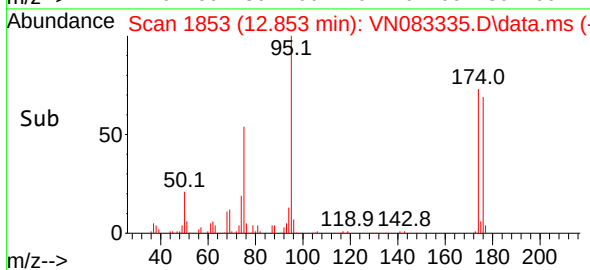
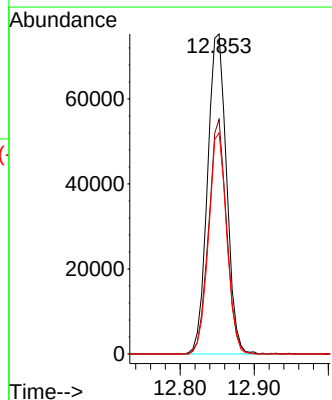
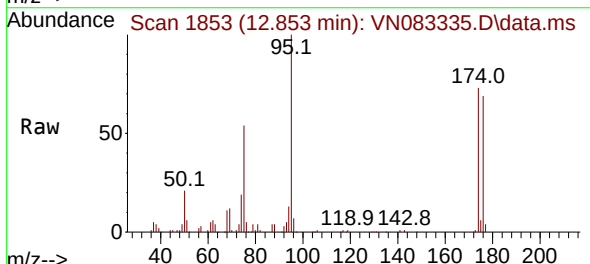
Instrument :
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Storage-Blank-SOIL-REF-6

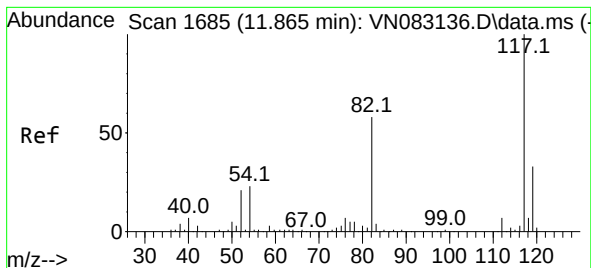
Tgt Ion: 43 Resp: 1726
Ion Ratio Lower Upper
43 100
58 177.7 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 58.510 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083335.D
Acq: 15 Aug 2024 16:49

Tgt Ion: 95 Resp: 134182
Ion Ratio Lower Upper
95 100
174 69.0 0.0 159.2
176 65.8 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.864 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083335.D

Acq: 15 Aug 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

Storage-Blank-SOIL-REF-6

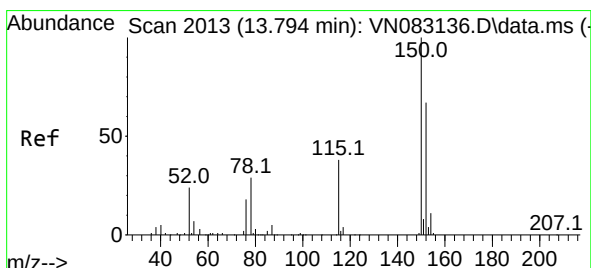
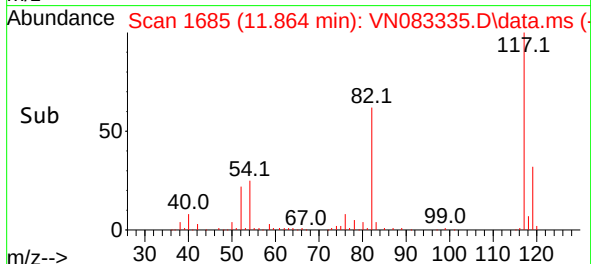
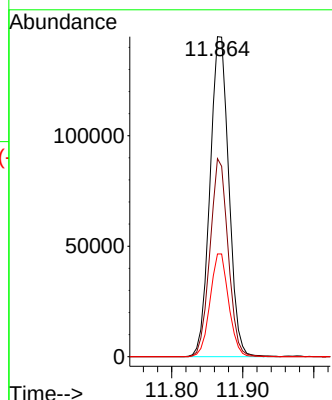
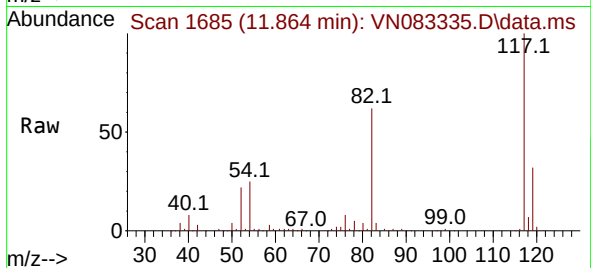
Tgt Ion:117 Resp: 266746

Ion Ratio Lower Upper

117 100

82 61.9 47.5 71.3

119 32.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN083335.D

Acq: 15 Aug 2024 16:49

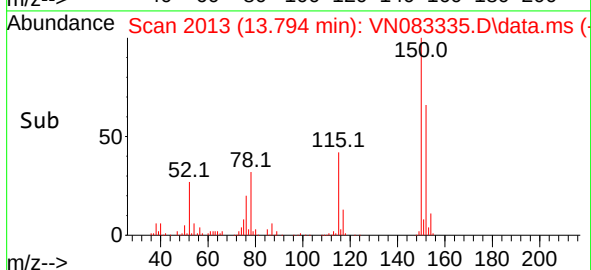
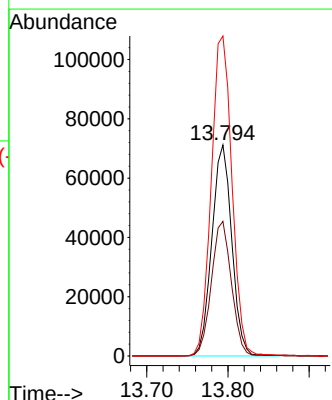
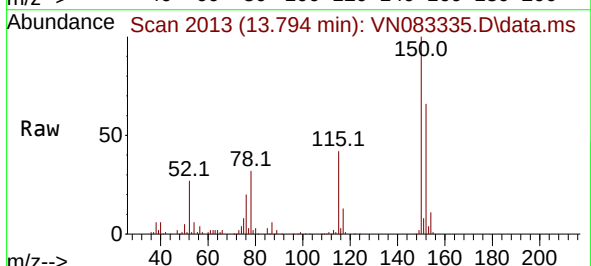
Tgt Ion:152 Resp: 121595

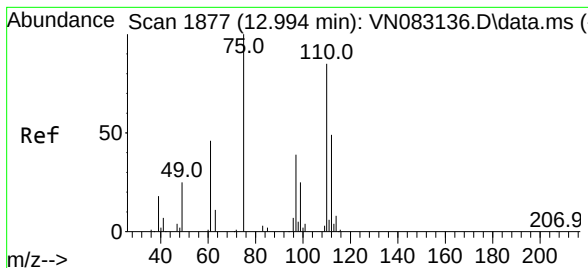
Ion Ratio Lower Upper

152 100

115 64.2 30.6 91.6

150 157.1 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 27.040 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083335.D

Acq: 15 Aug 2024 16:49

Instrument :

MSVOA_N

ClientSampleId :

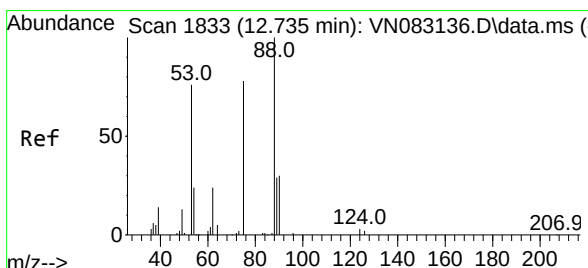
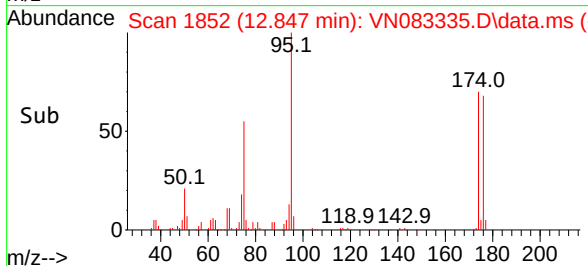
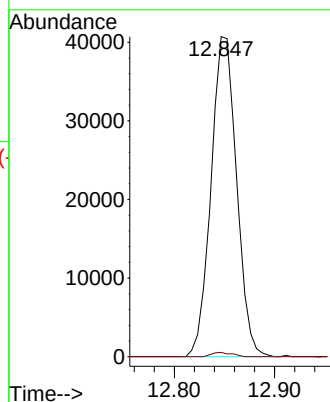
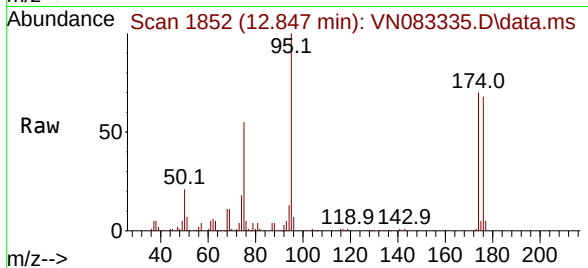
Storage-Blank-SOIL-REF-6

Tgt Ion: 75 Resp: 72163

Ion Ratio Lower Upper

75 100

77 1.1 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 58.819 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN083335.D

Acq: 15 Aug 2024 16:49

Tgt Ion: 75 Resp: 72163

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

