

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070436.D
 Acq On : 3 Jan 2022 14:45
 Operator : JC/MD
 Sample : M5177-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6RE

Quant Time: Jan 04 01:33:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

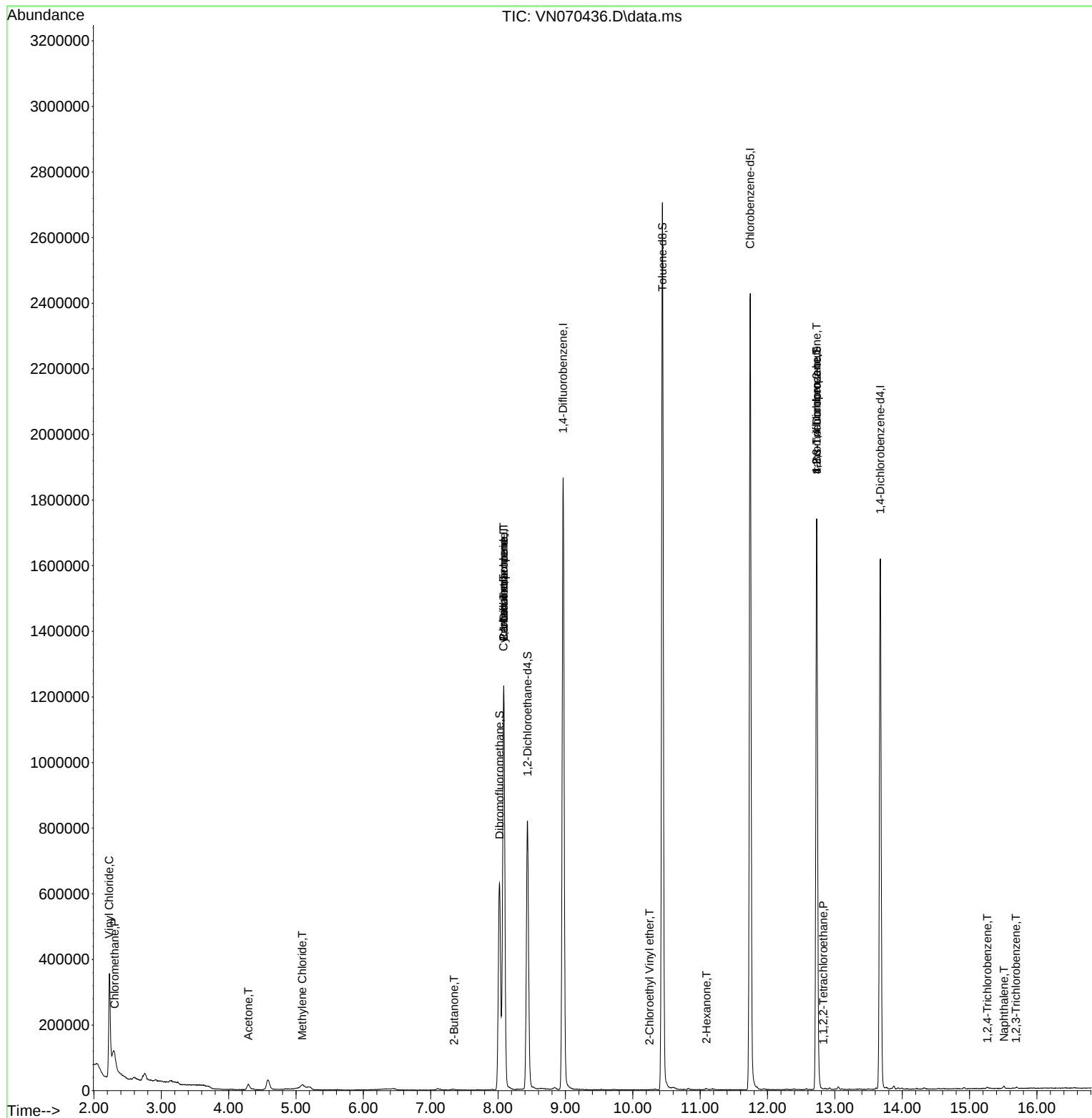
Internal Standards						
1) Pentafluorobenzene	8.083	168	942043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1609488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1396958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	456245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	681496	50.314	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.620%		
35) Dibromofluoromethane	8.021	113	476494	48.930	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 97.860%		
50) Toluene-d8	10.440	98	1890699	47.527	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 95.060%		
62) 4-Bromofluorobenzene	12.731	95	646326	44.983	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 89.960%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	8031	0.553	ug/l #	84
4) Vinyl Chloride	2.226	62	2767	0.209	ug/l #	1
16) Acetone	4.293	43	21331	2.426	ug/l	98
20) Methylene Chloride	5.093	84	5157	0.424	ug/l #	91
25) 2-Butanone	7.348	43	2365	0.214	ug/l #	85
31) Cyclohexane	8.080	56	21441	1.003	ug/l #	1
36) 1,1-Dichloropropene	8.083	75	77422	4.806	ug/l #	48
38) Carbon Tetrachloride	8.083	117	91055	5.919	ug/l #	16
58) 2-Chloroethyl Vinyl ether	10.250	63	24	18.517	ug/l #	45
59) 2-Hexanone	11.095	43	3636	0.241	ug/l	86
75) 1,1,2,2-Tetrachloroethane	12.827	83	83	0.452	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	341389	26.627	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	341389	91.420	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	1513	0.201	ug/l	93
95) Naphthalene	15.509	128	6138	2.082	ug/l	96
96) 1,2,3-Trichlorobenzene	15.689	180	715	0.924	ug/l #	1

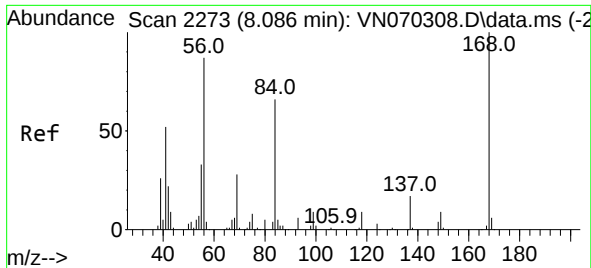
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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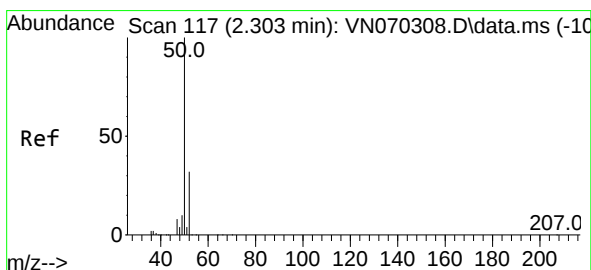
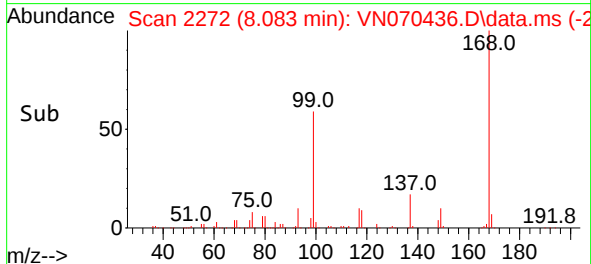
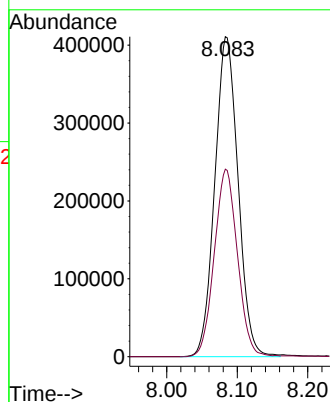
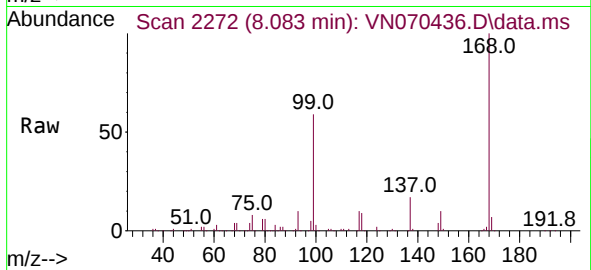




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

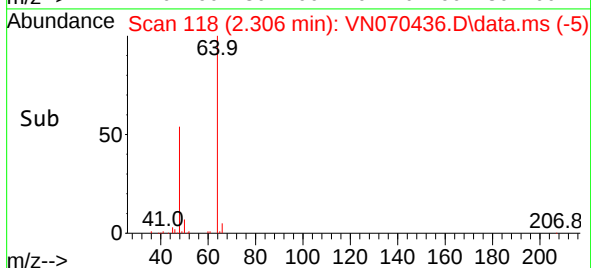
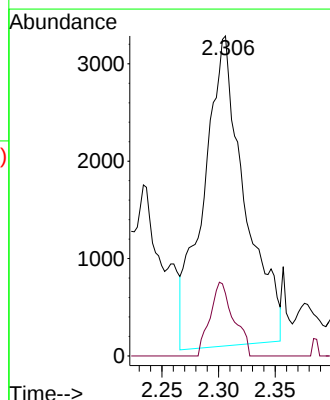
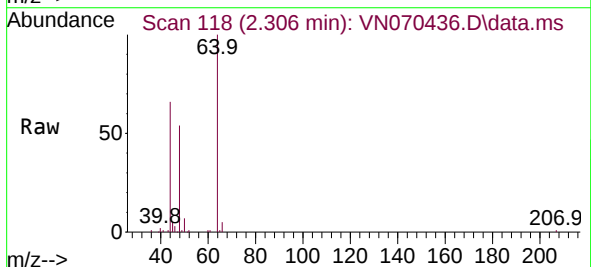
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

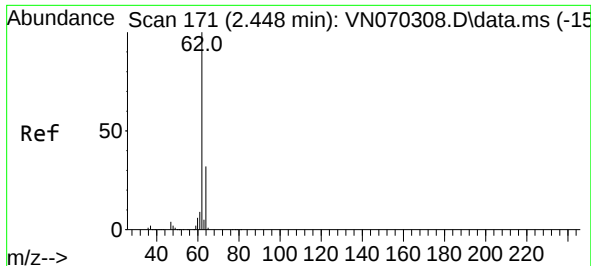
Tgt Ion:168 Resp: 942043
Ion Ratio Lower Upper
168 100
99 58.6 41.3 61.9



#3
Chloromethane
Concen: 0.553 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

Tgt Ion: 50 Resp: 8031
Ion Ratio Lower Upper
50 100
52 23.0 25.4 38.0#

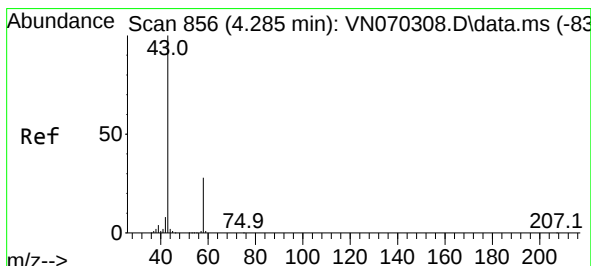
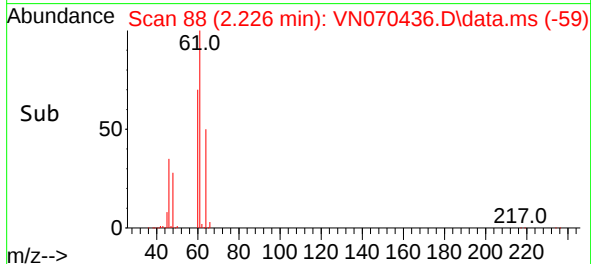
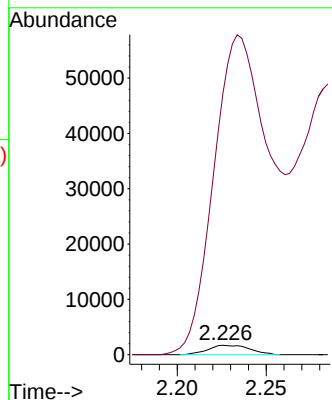
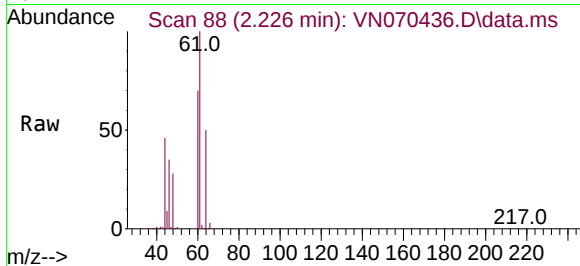




#4
 Vinyl Chloride
 Concen: 0.209 ug/l
 RT: 2.226 min Scan# 81
 Delta R.T. -0.222 min
 Lab File: VN070436.D
 Acq: 3 Jan 2022 14:45

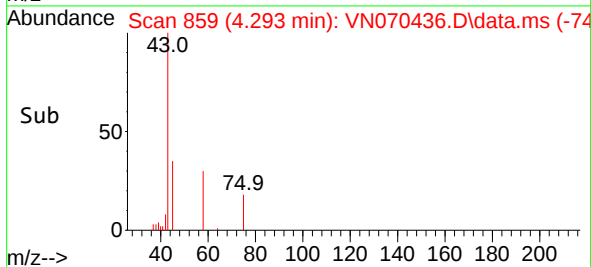
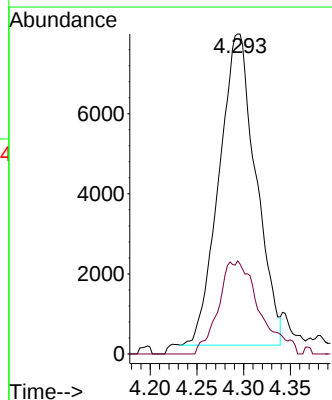
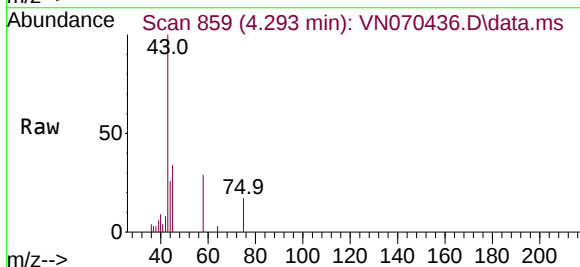
Instrument :
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 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6RE

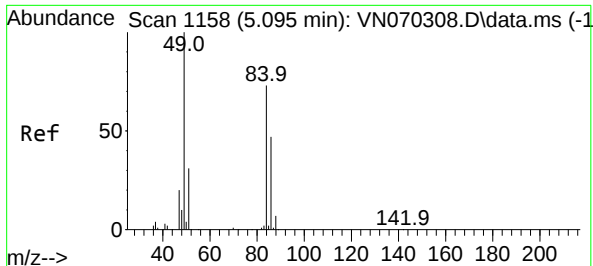
Tgt Ion: 62 Resp: 2767
 Ion Ratio Lower Upper
 62 100
 64 2710.1 25.8 38.6#



#16
 Acetone
 Concen: 2.426 ug/l
 RT: 4.293 min Scan# 859
 Delta R.T. 0.008 min
 Lab File: VN070436.D
 Acq: 3 Jan 2022 14:45

Tgt Ion: 43 Resp: 21331
 Ion Ratio Lower Upper
 43 100
 58 29.9 23.1 34.7

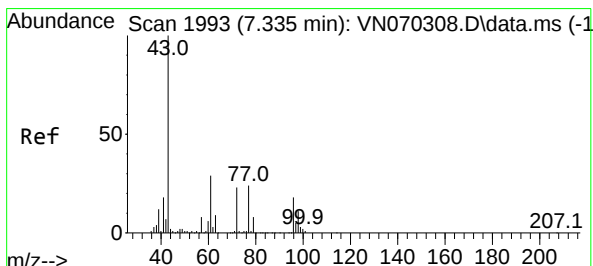
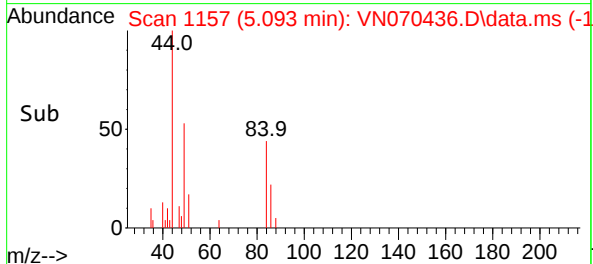
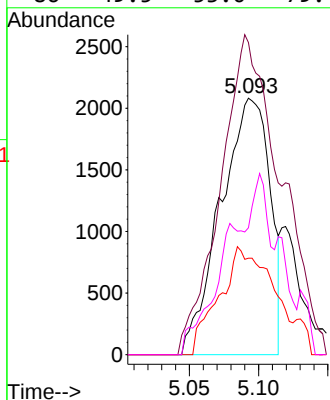
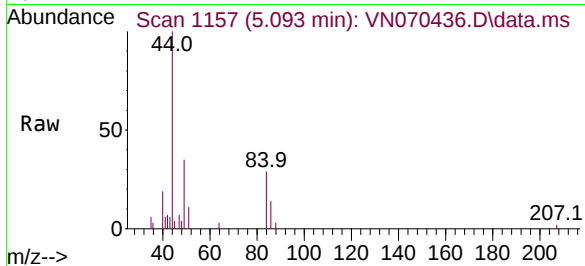




#20
Methylene Chloride
Concen: 0.424 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

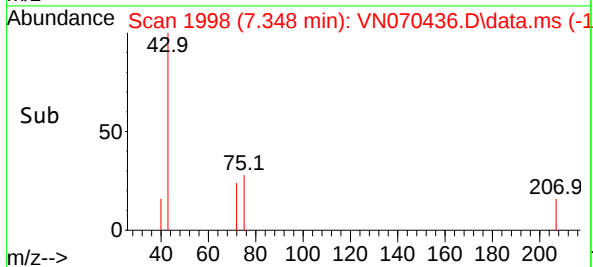
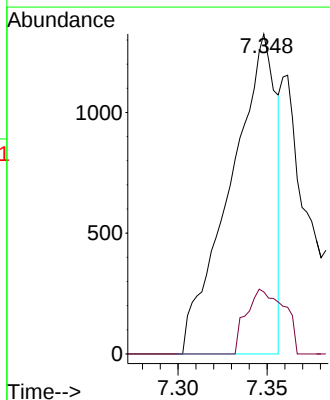
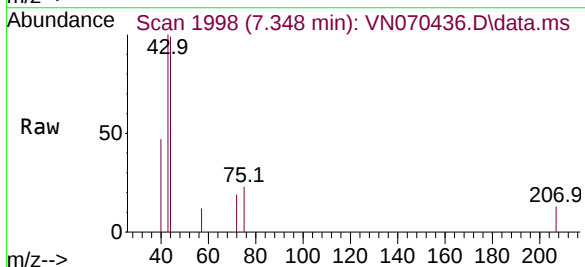
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

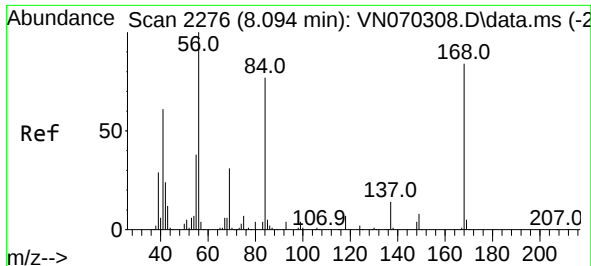
Tgt Ion:	84	Resp:	5157
Ion	Ratio	Lower	Upper
84	100		
49	121.7	93.5	140.3
51	37.6	29.4	44.2
86	49.5	53.0	79.4



#25
2-Butanone
Concen: 0.214 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.013 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

Tgt Ion:	43	Resp:	2365
Ion	Ratio	Lower	Upper
43	100		
72	19.4	21.7	32.5

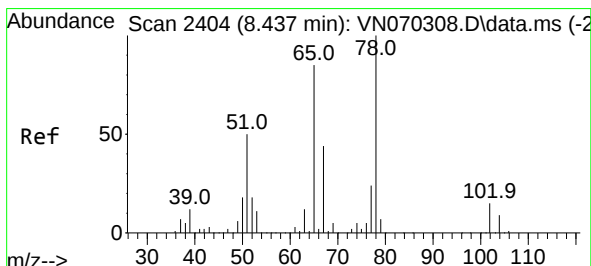
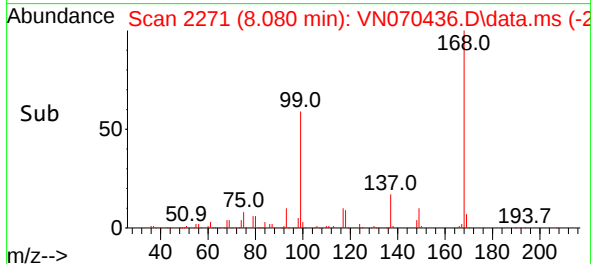
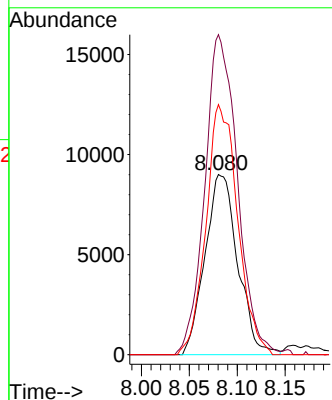
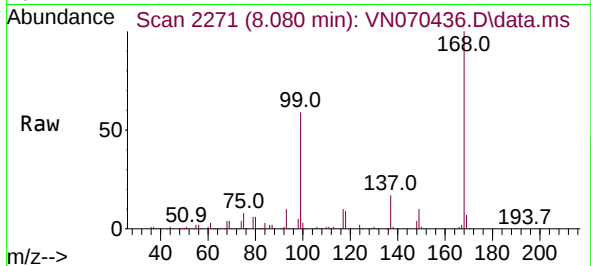




#31
Cyclohexane
Concen: 1.003 ug/l
RT: 8.080 min Scan# 21441
Delta R.T. -0.014 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

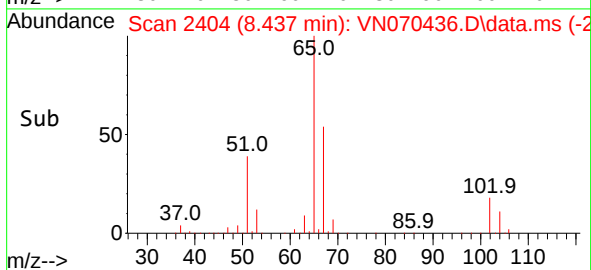
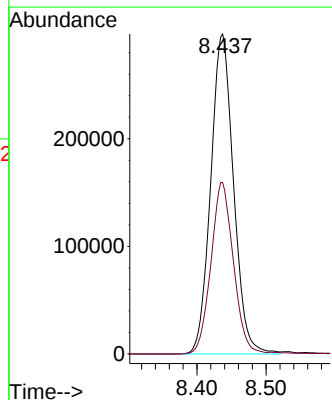
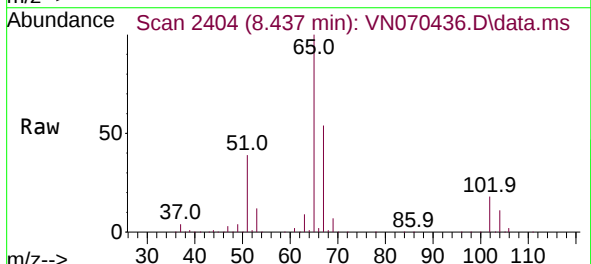
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SOIL-REF-6RE

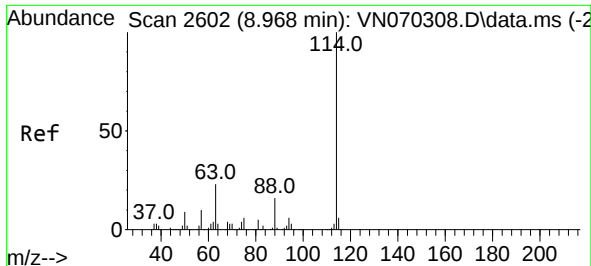
Tgt Ion: 56 Resp: 21441
Ion Ratio Lower Upper
56 100
69 175.8 27.1 40.7#
84 138.8 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 50.314 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

Tgt Ion: 65 Resp: 681496
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0

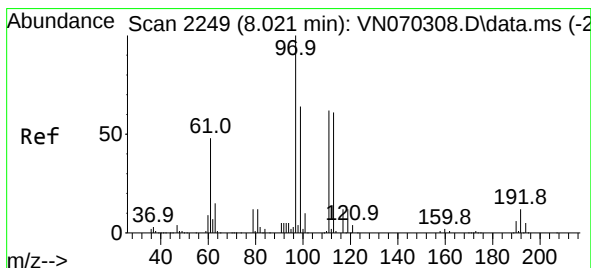
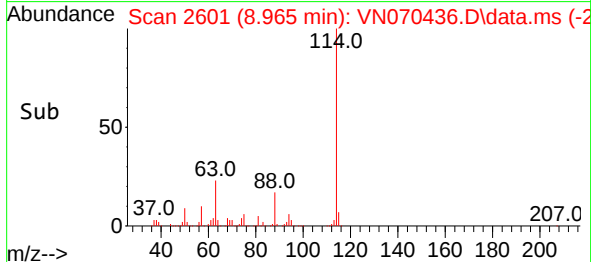
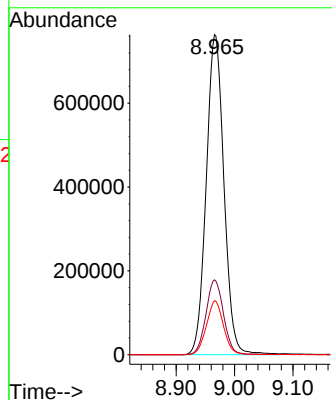
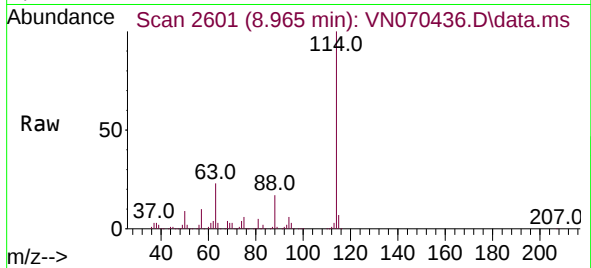




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

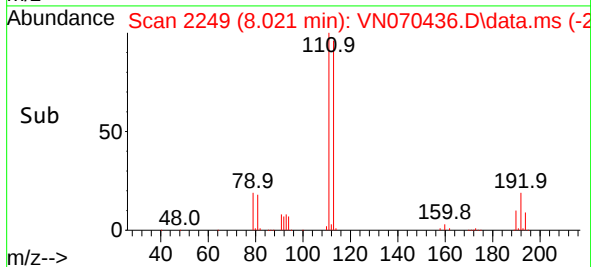
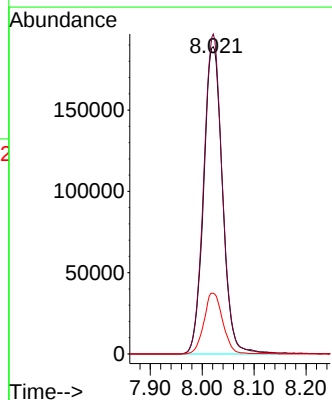
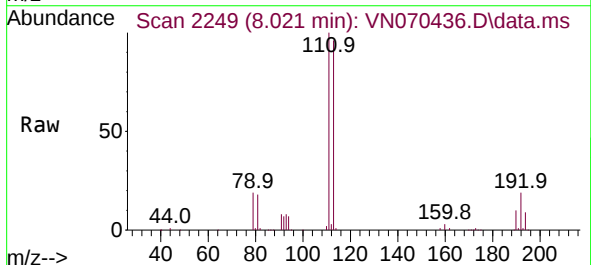
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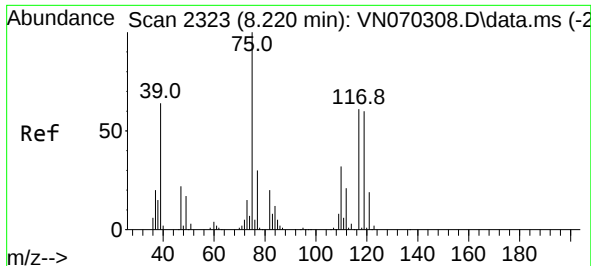
Tgt Ion:114 Resp: 1609488
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.930 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

Tgt Ion:113 Resp: 476494
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 19.7 16.9 25.3

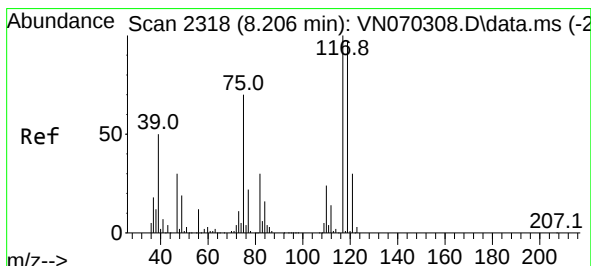
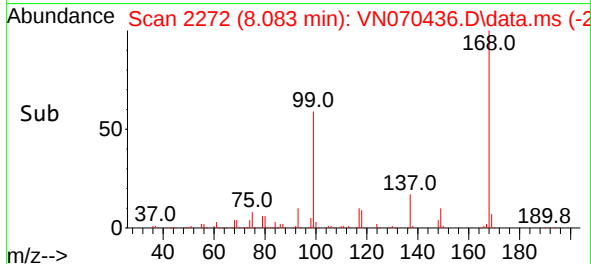
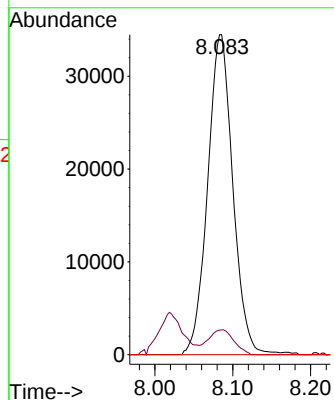
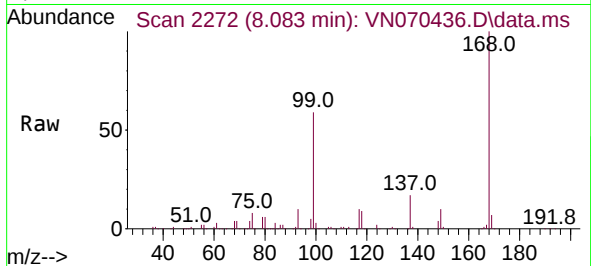




#36
1,1-Dichloropropene
Concen: 4.806 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.137 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

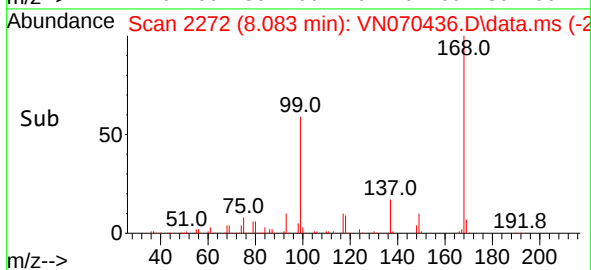
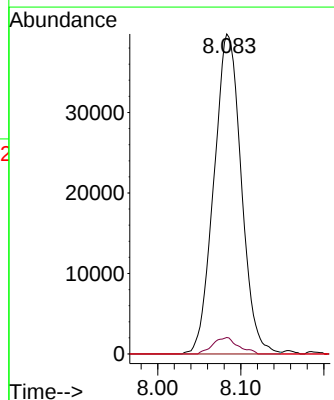
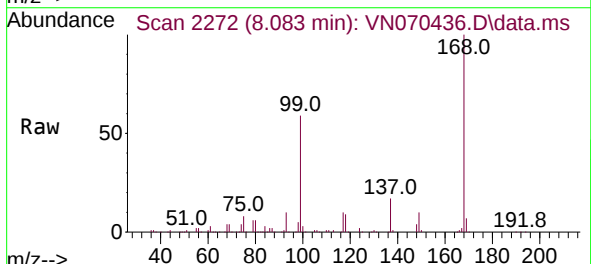
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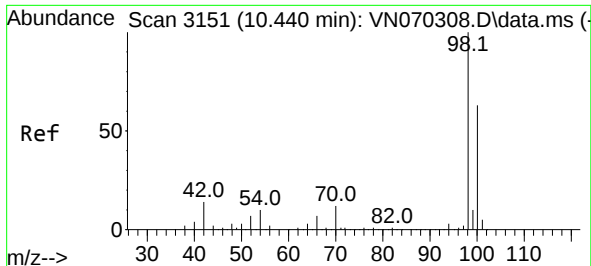
Tgt Ion: 75 Resp: 77422
Ion Ratio Lower Upper
75 100
110 7.8 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.919 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.123 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

Tgt Ion: 117 Resp: 91055
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#

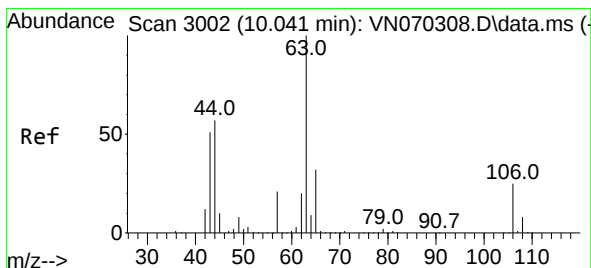
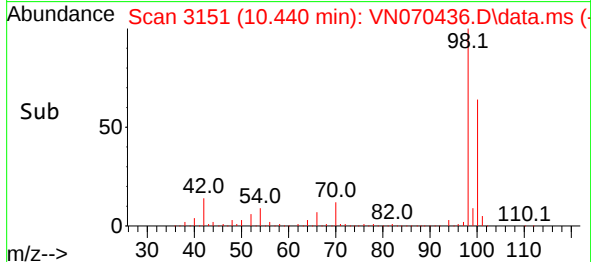
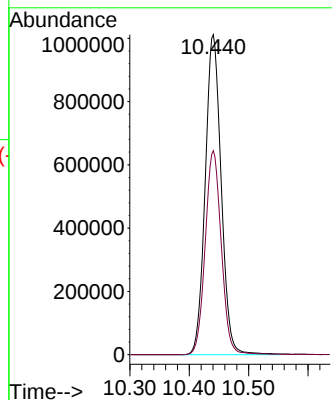
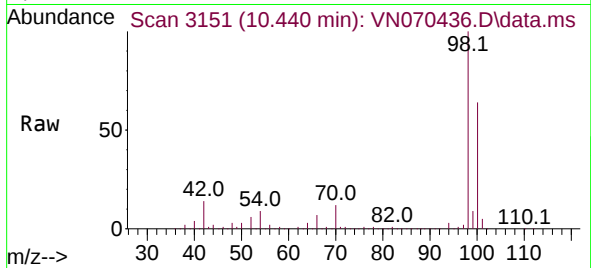




#50
Toluene-d8
Concen: 47.527 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

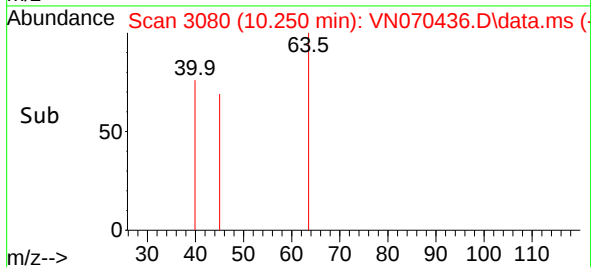
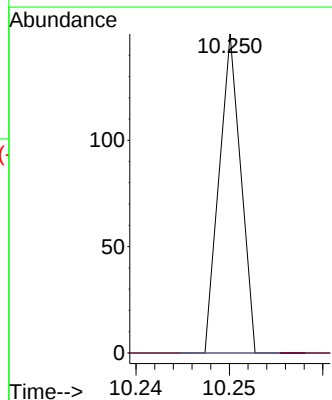
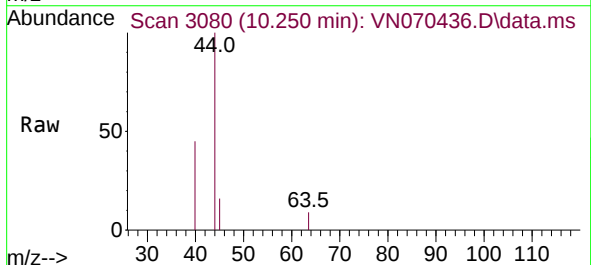
Instrument :
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

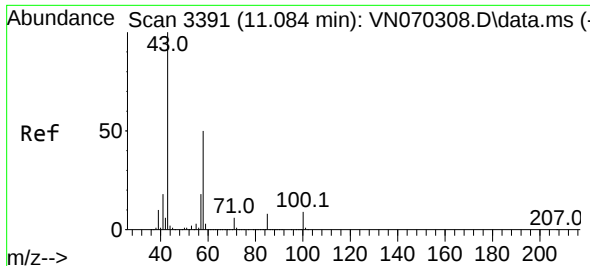
Tgt Ion: 98 Resp: 1890699
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#58
2-Chloroethyl Vinyl ether
Concen: 18.517 ug/l
RT: 10.250 min Scan# 3080
Delta R.T. 0.209 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

Tgt Ion: 63 Resp: 24
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

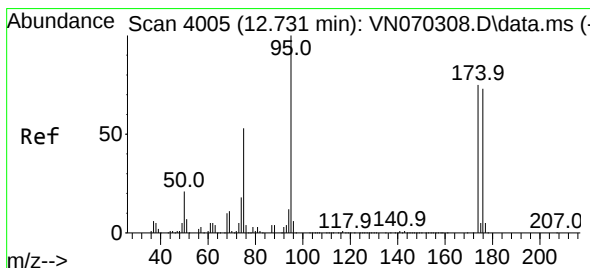
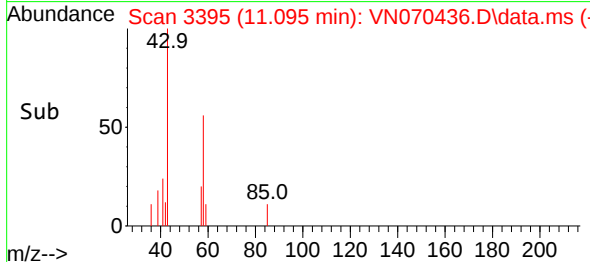
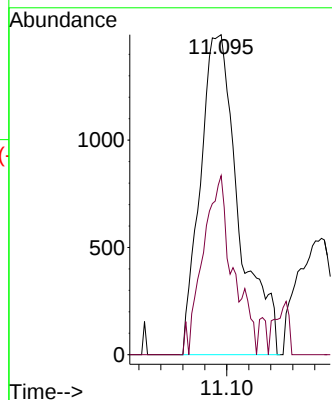
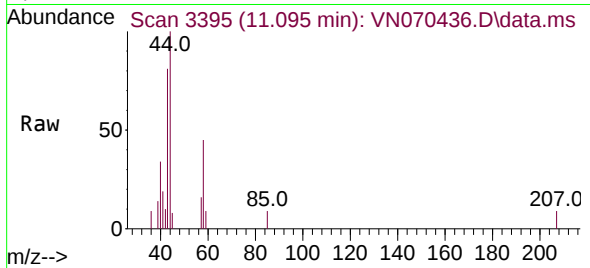




#59
2-Hexanone
Concen: 0.241 ug/l
RT: 11.095 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

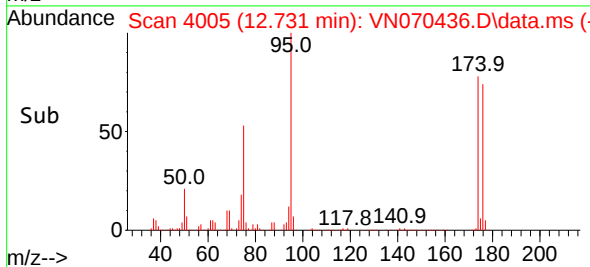
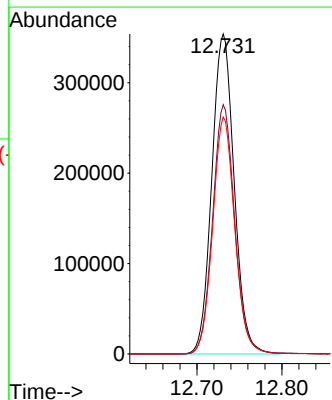
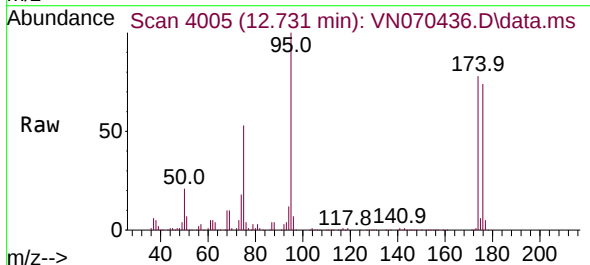
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

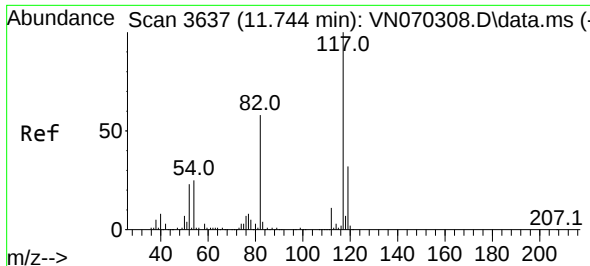
Tgt Ion: 43 Resp: 3636
Ion Ratio Lower Upper
43 100
58 43.5 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 44.983 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

Tgt Ion: 95 Resp: 646326
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 73.3 0.0 181.4

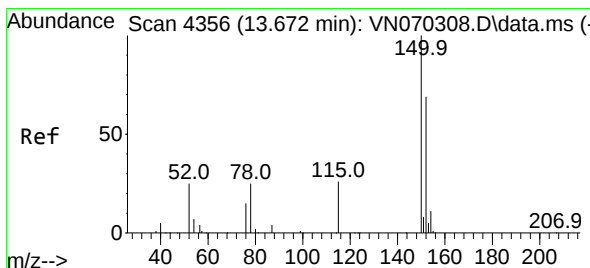
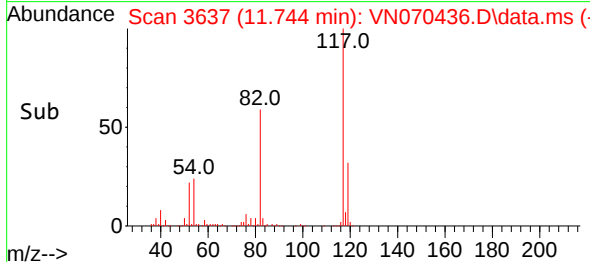
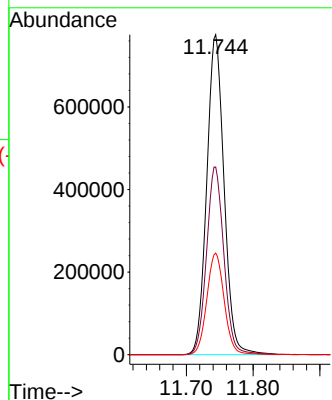
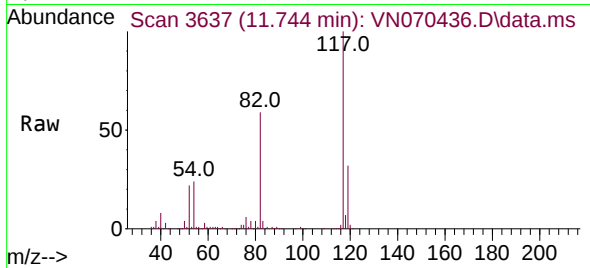




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

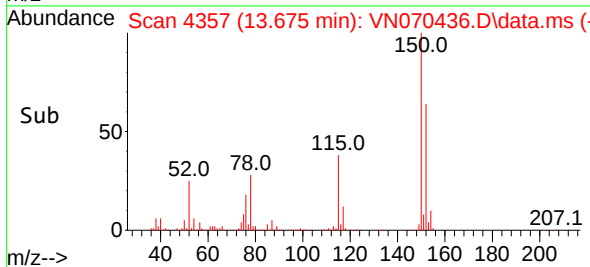
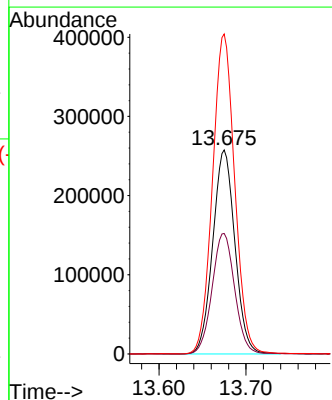
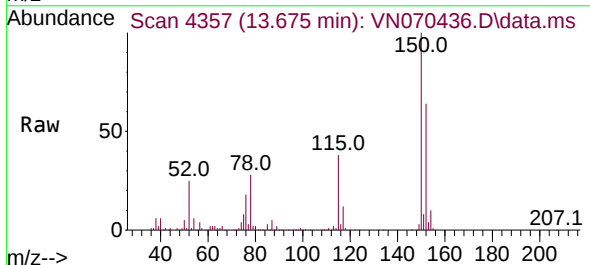
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

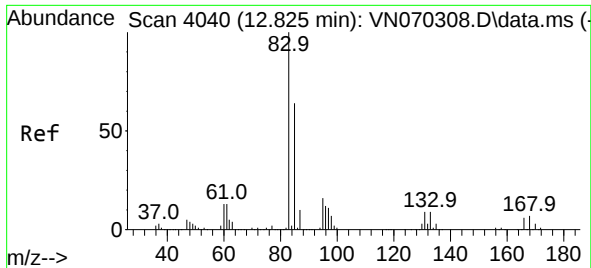
Tgt Ion:117 Resp: 1396958
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

Tgt Ion:152 Resp: 456245
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 157.4 0.0 344.4

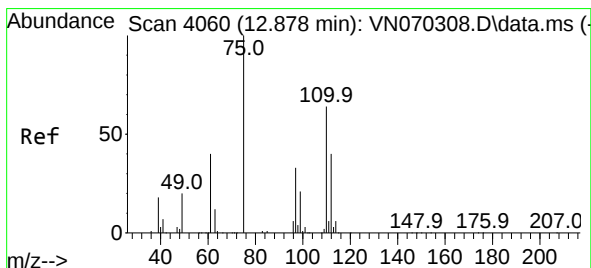
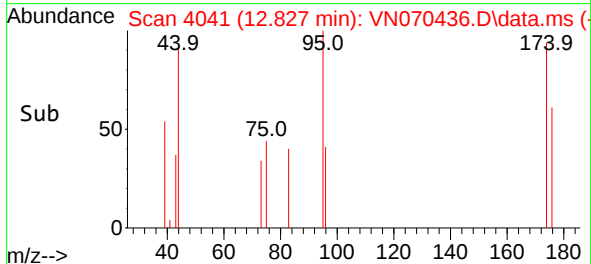
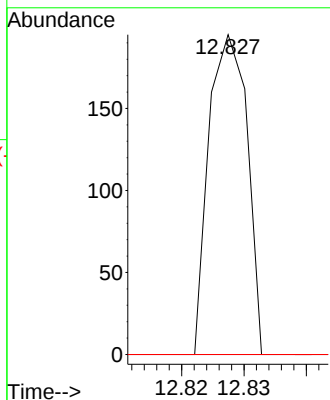
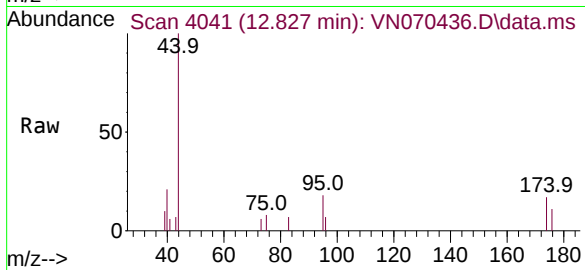




#75
1,1,2,2-Tetrachloroethane
Concen: 0.452 ug/l
RT: 12.827 min Scan# 4040
Delta R.T. 0.002 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

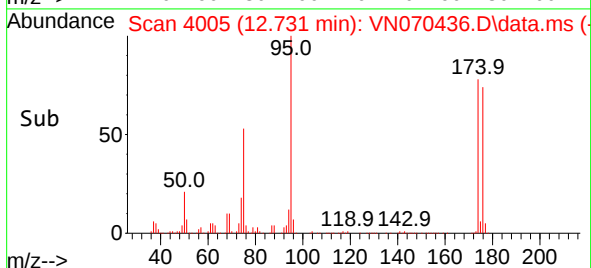
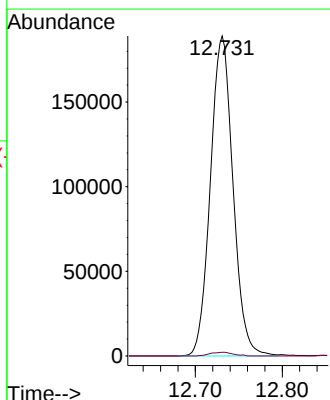
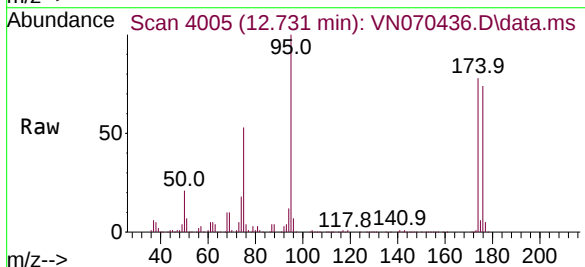
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

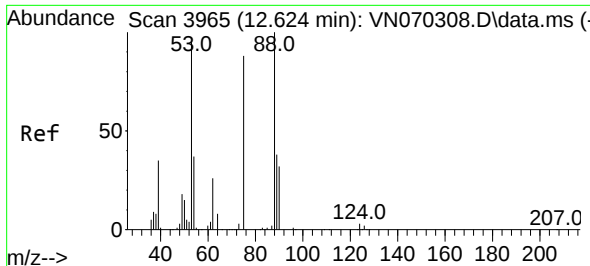
Tgt Ion: 83 Resp: 83
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 26.627 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

Tgt Ion: 75 Resp: 341389
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

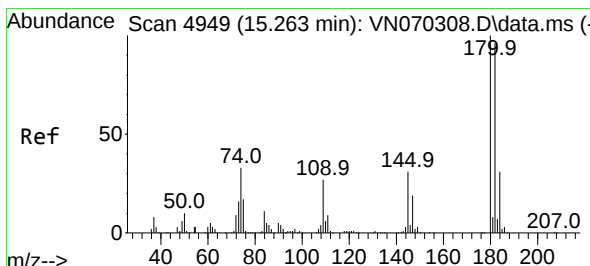
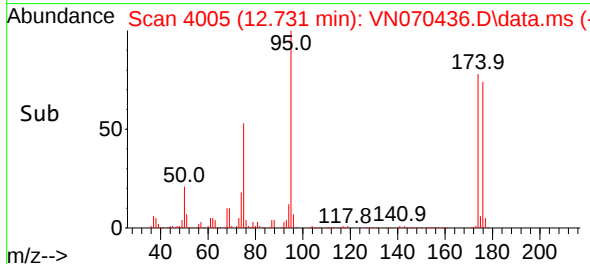
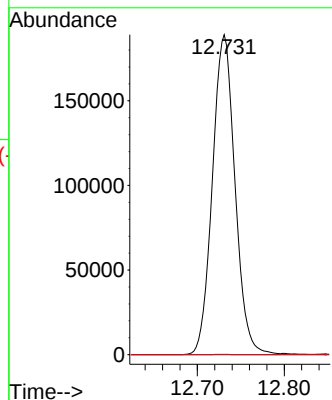
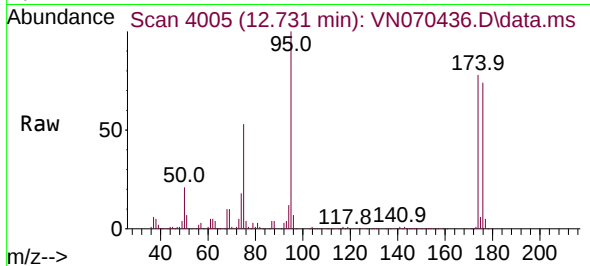




#81
trans-1,4-Dichloro-2-butene
Concen: 91.420 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

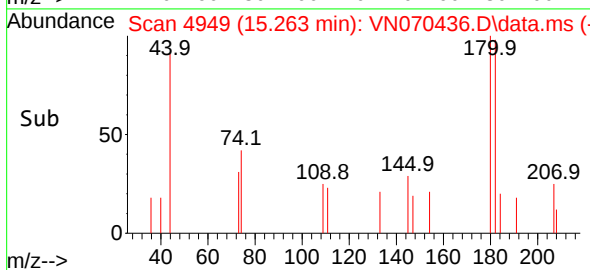
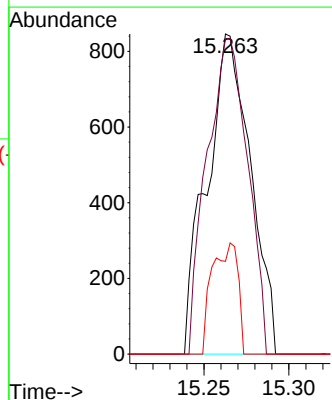
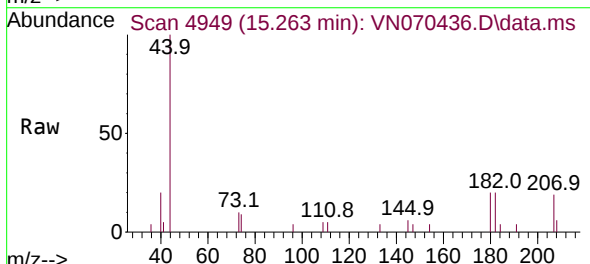
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

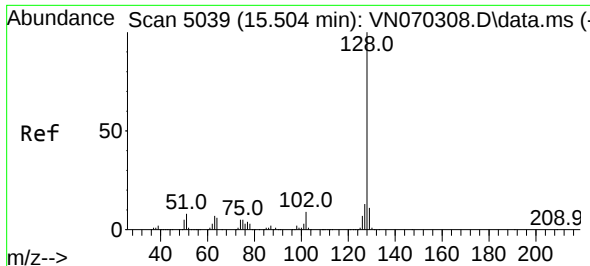
Tgt Ion: 75 Resp: 341389
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.201 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

Tgt Ion: 180 Resp: 1513
Ion Ratio Lower Upper
180 100
182 91.9 48.3 144.9
145 20.4 14.5 43.5

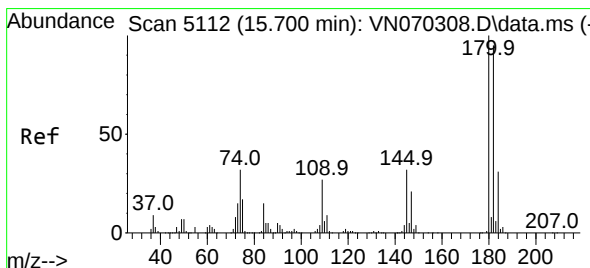
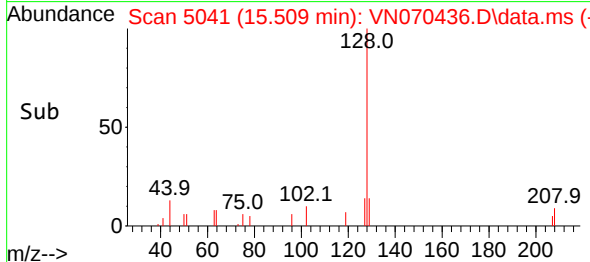
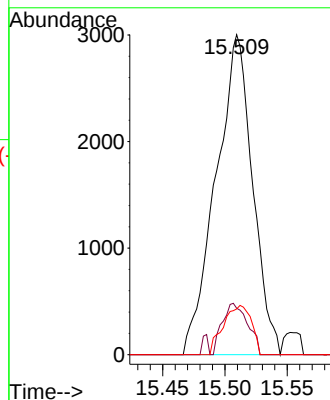
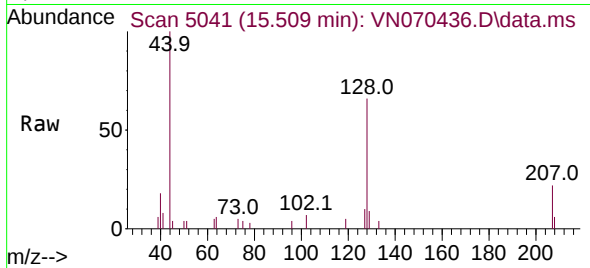




#95
Naphthalene
Concen: 2.082 ug/l
RT: 15.509 min Scan# 5039
Delta R.T. 0.005 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6RE

Tgt Ion:128 Resp: 6138
Ion Ratio Lower Upper
128 100
127 11.2 10.5 15.7
129 11.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.924 ug/l
RT: 15.689 min Scan# 5108
Delta R.T. -0.011 min
Lab File: VN070436.D
Acq: 3 Jan 2022 14:45

Tgt Ion:180 Resp: 715
Ion Ratio Lower Upper
180 100
182 217.8 47.4 142.2#
145 78.9 15.0 45.1#

