

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031954.D
 Acq On : 07 Oct 2022 12:06
 Operator : JC/MD
 Sample : N4925-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 08 05:09:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

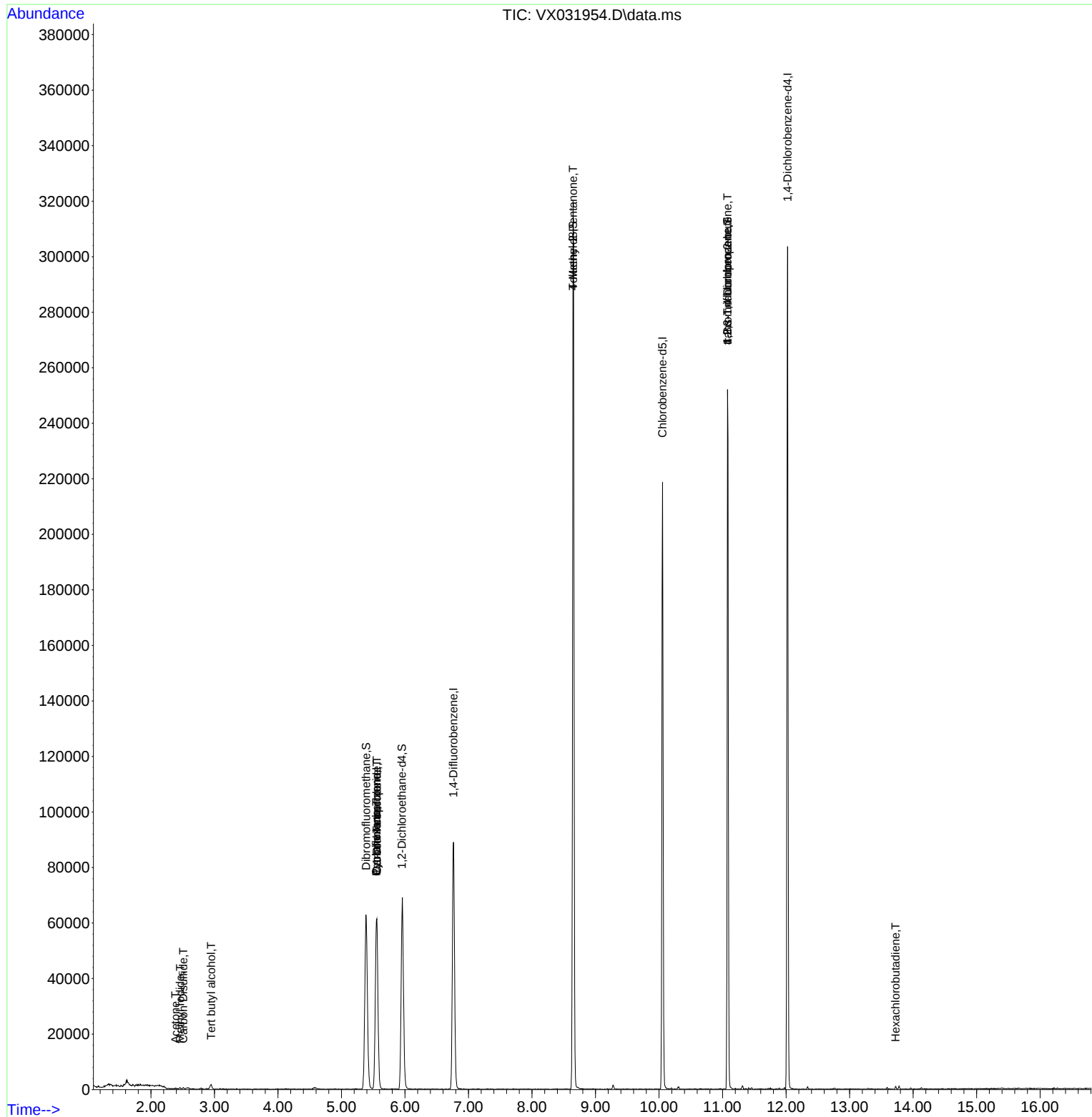
Internal Standards						
1) Pentafluorobenzene	5.550	168	59470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	94628	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62404	50.810	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.620%
35) Dibromofluoromethane	5.385	113	52531	49.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.080%
50) Toluene-d8	8.647	98	188990	49.033	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.079	95	65552	48.108	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.220%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	375	Below Cal		82
10) Methyl Iodide	2.459	142	438	3.168	ug/l #	86
11) Tert butyl alcohol	2.947	59	980	6.413	ug/l #	73
16) Acetone	2.386	43	314	0.752	ug/l #	45
17) Carbon Disulfide	2.508	76	618	0.318	ug/l #	89
31) Cyclohexane	5.550	56	1384	0.943	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	4645	3.270	ug/l #	52
38) Carbon Tetrachloride	5.556	117	6411	4.414	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	912	0.678	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32973	25.429	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32973	87.344	ug/l #	11
94) Hexachlorobutadiene	13.725	225	336	0.615	ug/l	72

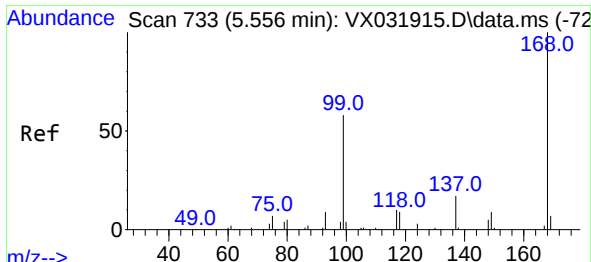
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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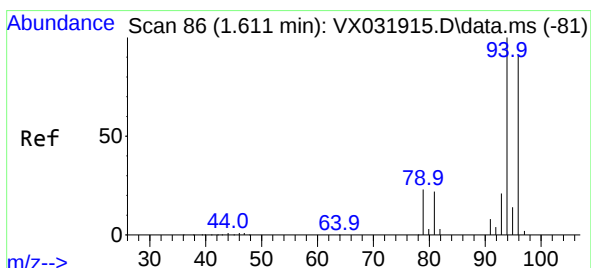
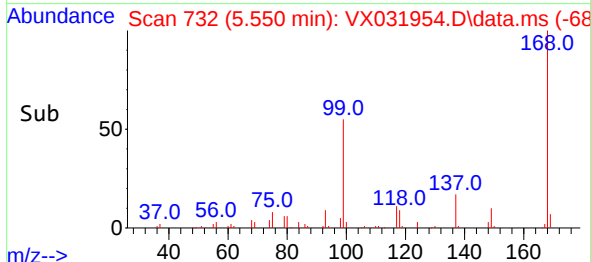
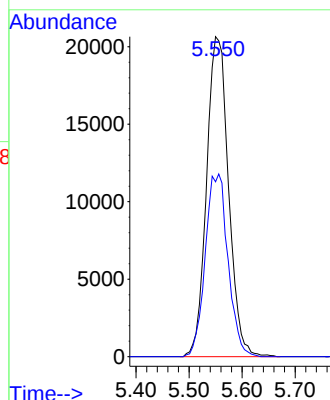
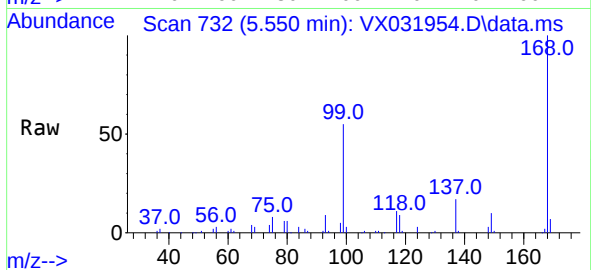




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

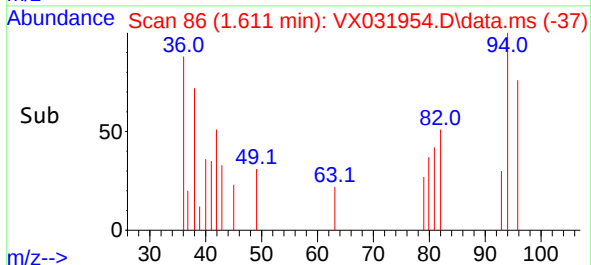
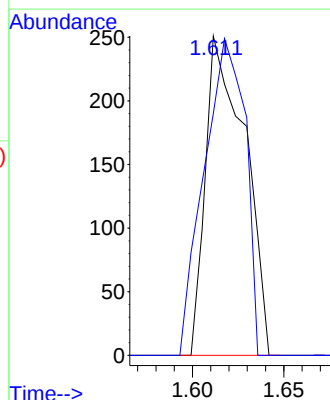
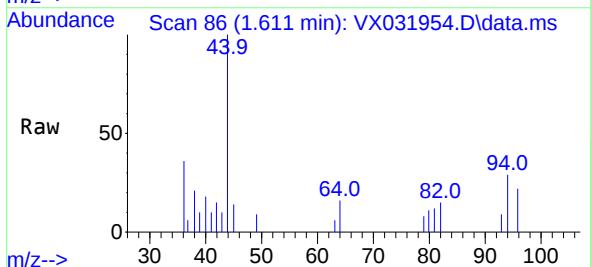
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

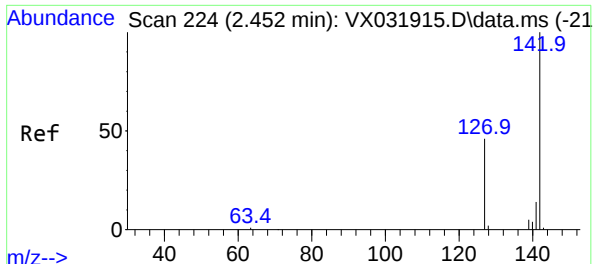
Tgt Ion:168 Resp: 59470
Ion Ratio Lower Upper
168 100
99 54.6 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

Tgt Ion: 94 Resp: 375
Ion Ratio Lower Upper
94 100
96 75.7 74.4 111.6

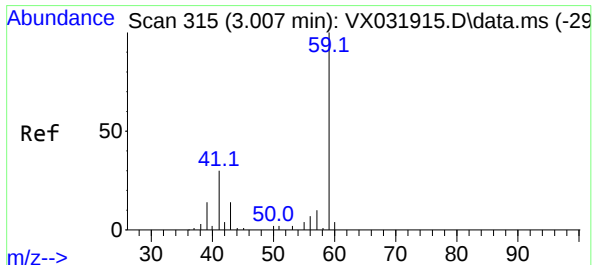
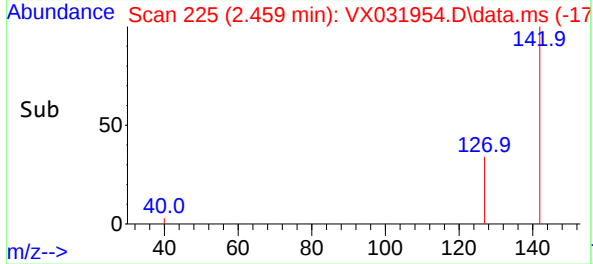
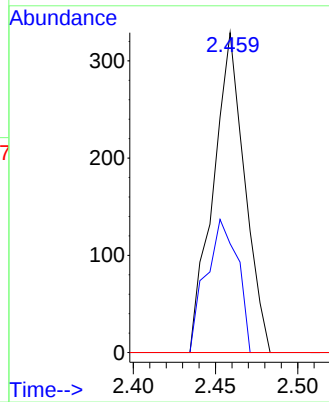
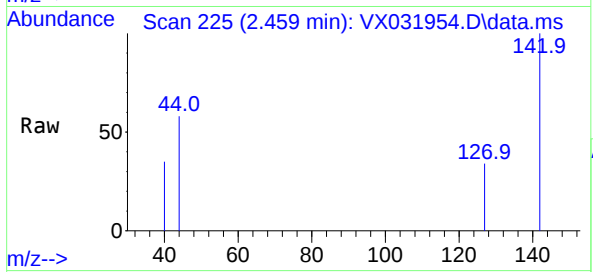




#10
Methyl Iodide
Concen: 3.168 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

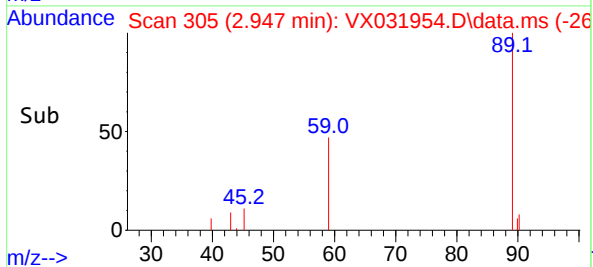
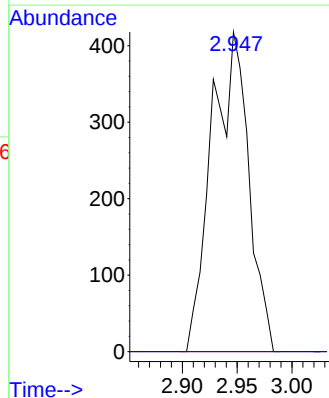
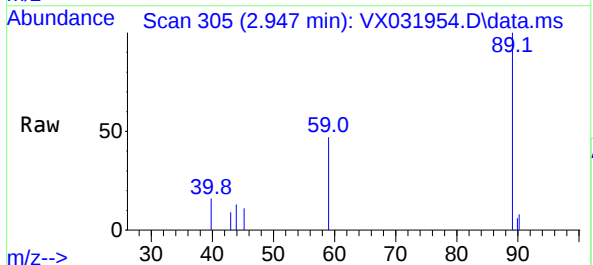
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

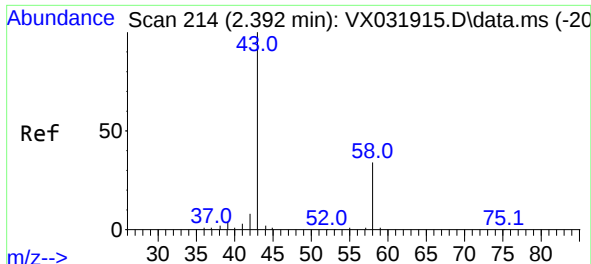
Tgt Ion:142 Resp: 438
Ion Ratio Lower Upper
142 100
127 41.8 37.4 56.0
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 6.413 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

Tgt Ion: 59 Resp: 980
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

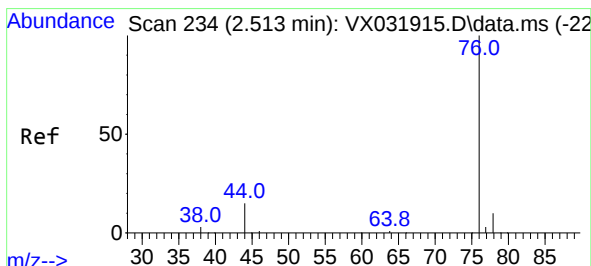
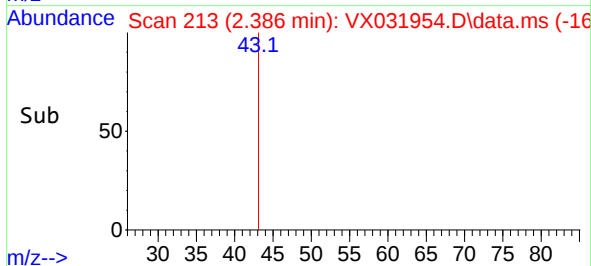
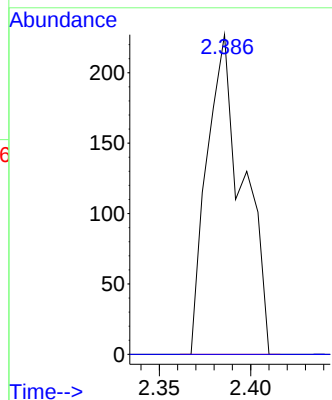
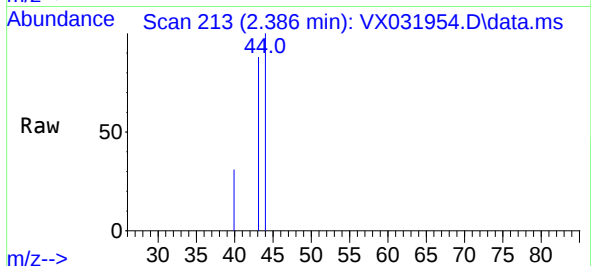




#16
Acetone
Concen: 0.752 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

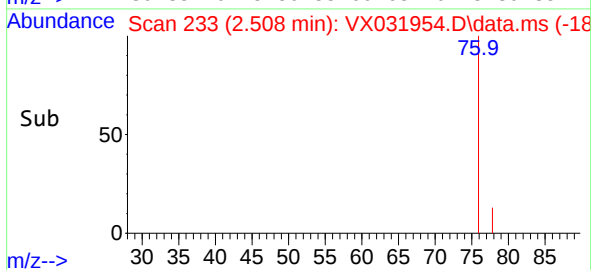
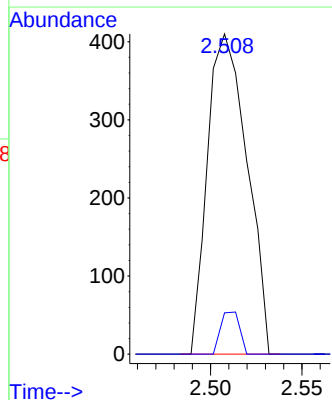
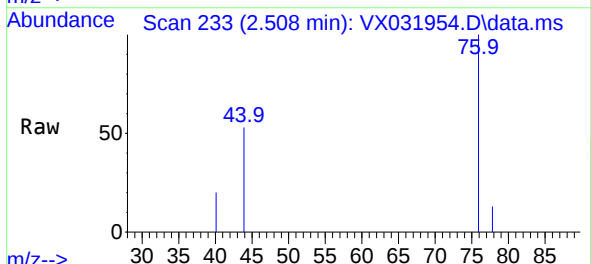
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

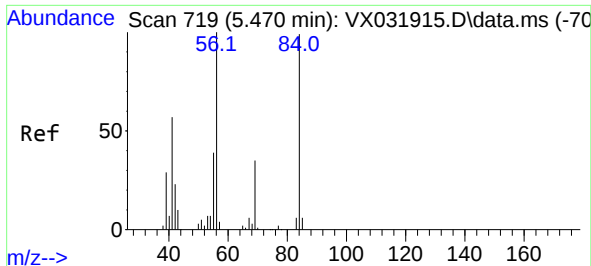
Tgt Ion: 43 Resp: 314
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.318 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.005 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

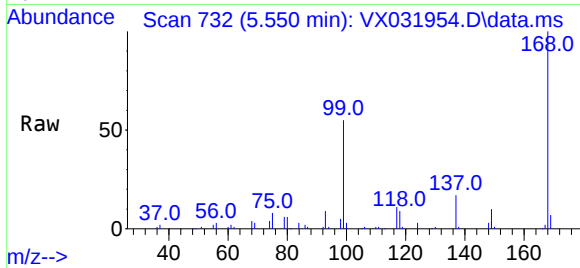
Tgt Ion: 76 Resp: 618
Ion Ratio Lower Upper
76 100
78 12.9 7.2 10.8#



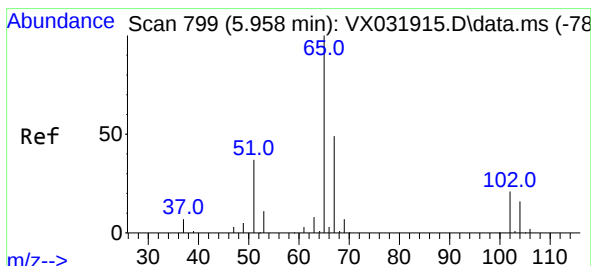
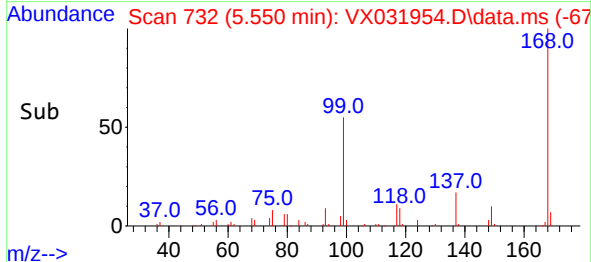
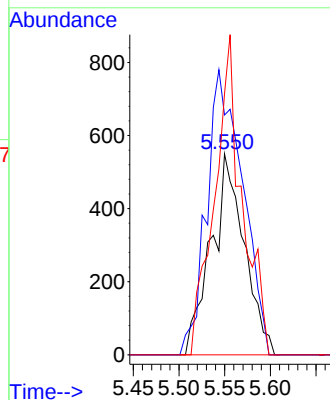


#31
Cyclohexane
Concen: 0.943 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

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

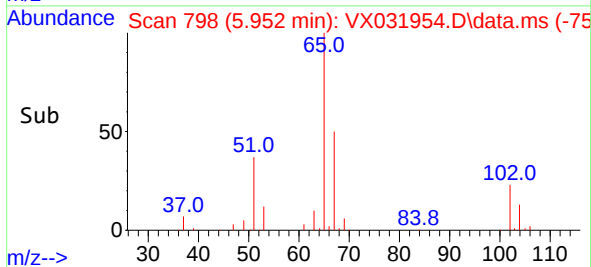
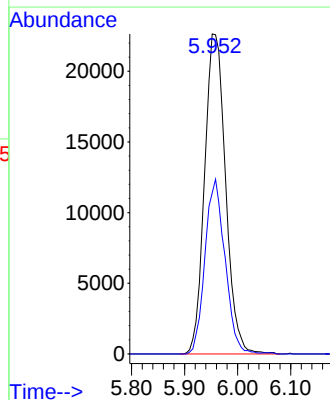
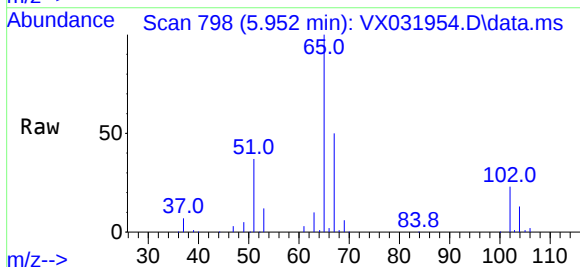


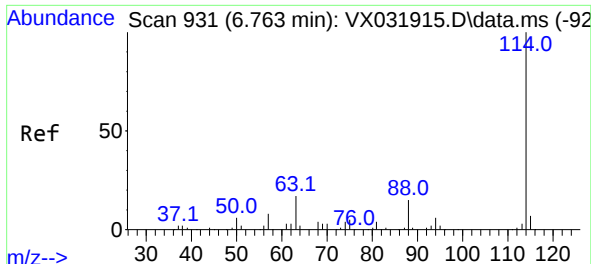
Tgt Ion: 56 Resp: 1384
Ion Ratio Lower Upper
56 100
69 119.3 25.1 37.7#
84 129.8 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 50.810 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

Tgt Ion: 65 Resp: 62404
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4

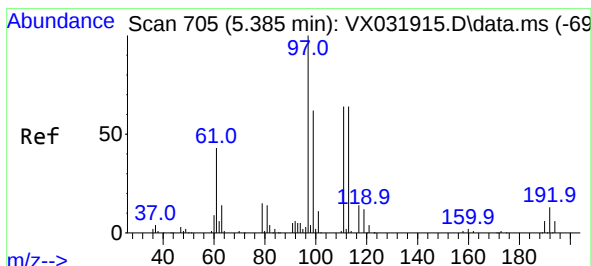
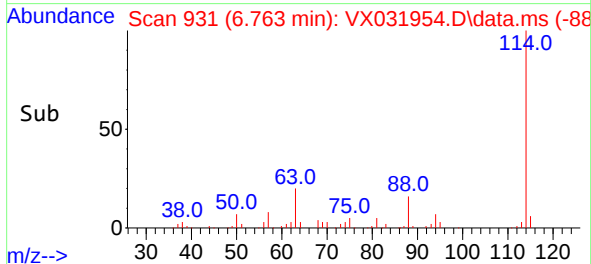
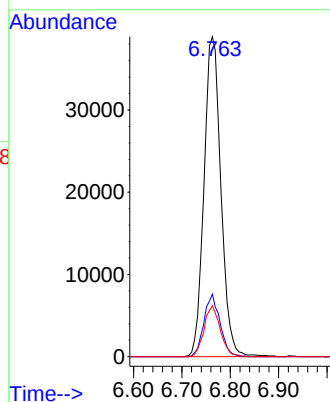
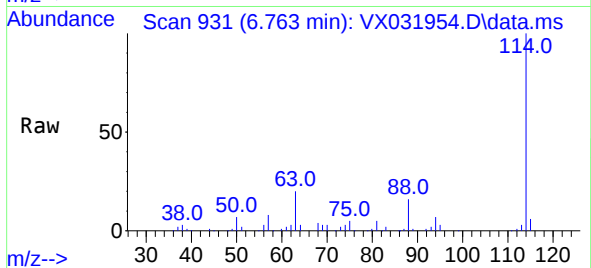




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

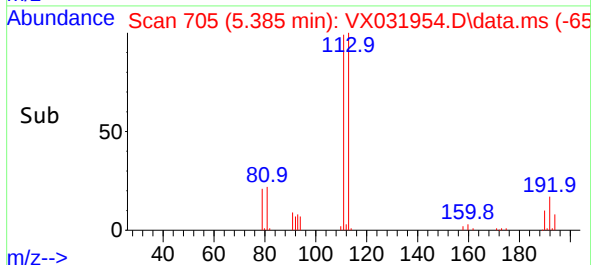
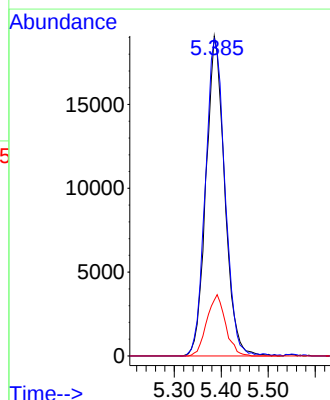
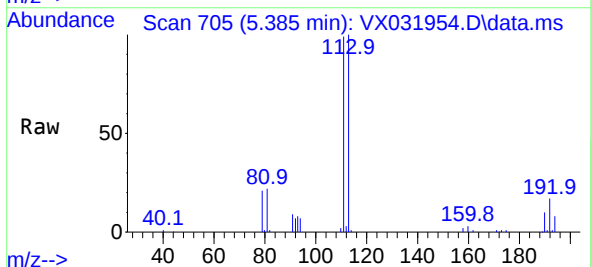
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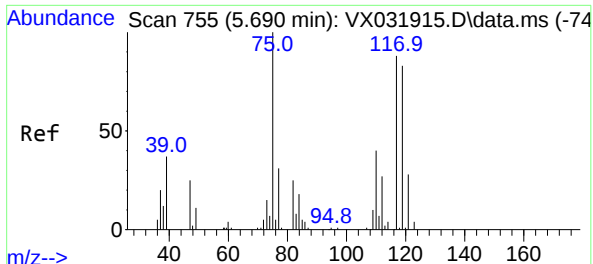
Tgt Ion:114 Resp: 94628
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.6
88 15.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.042 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

Tgt Ion:113 Resp: 52531
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 19.3 14.1 21.1

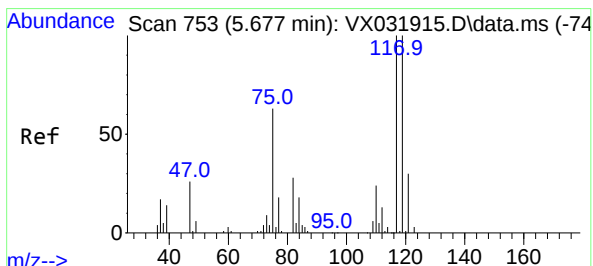
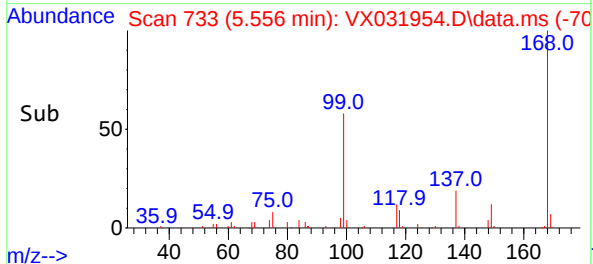
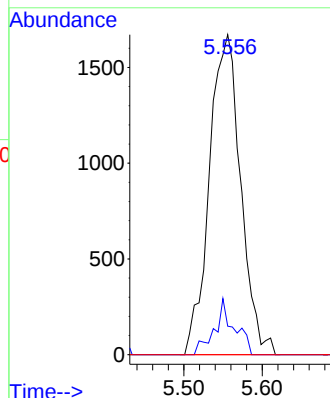
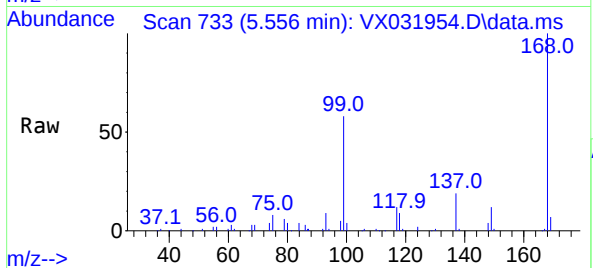




#36
1,1-Dichloropropene
Concen: 3.270 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

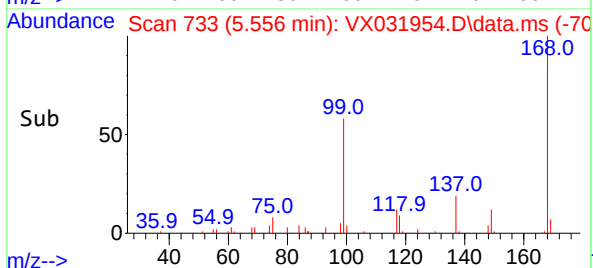
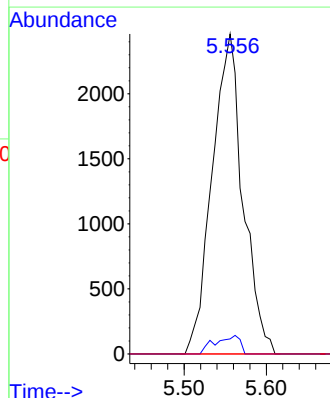
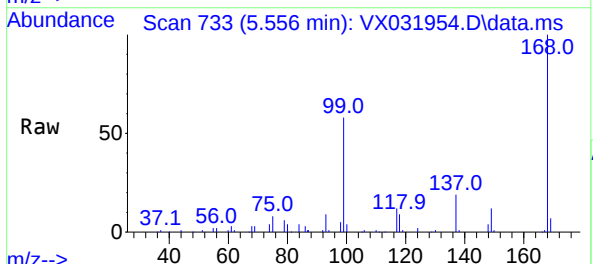
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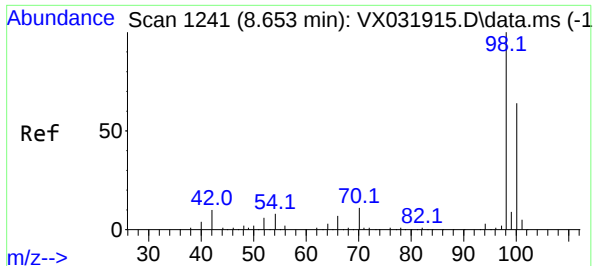
Tgt Ion: 75 Resp: 4645
Ion Ratio Lower Upper
75 100
110 11.0 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.414 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

Tgt Ion: 117 Resp: 6411
Ion Ratio Lower Upper
117 100
119 4.7 74.6 112.0#
121 0.0 25.3 37.9#

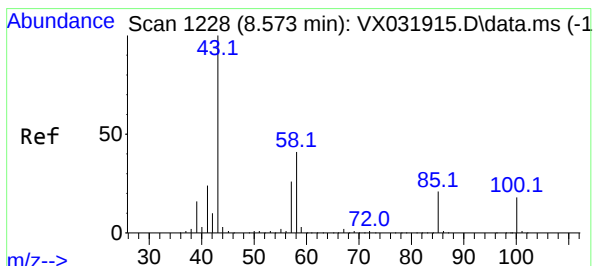
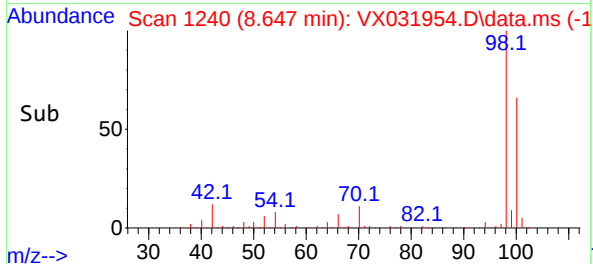
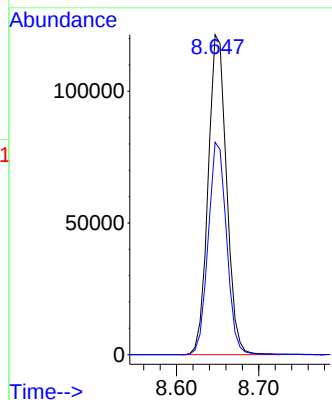
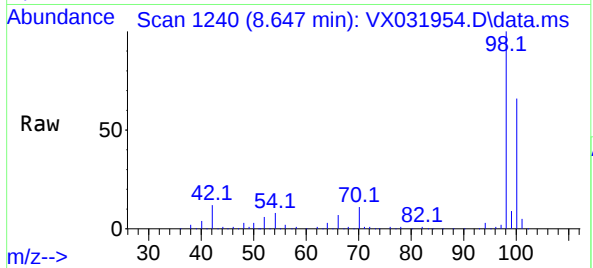




#50
Toluene-d8
Concen: 49.033 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

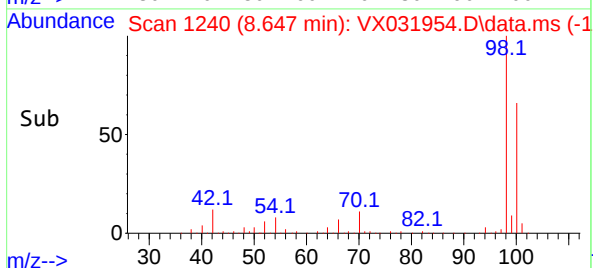
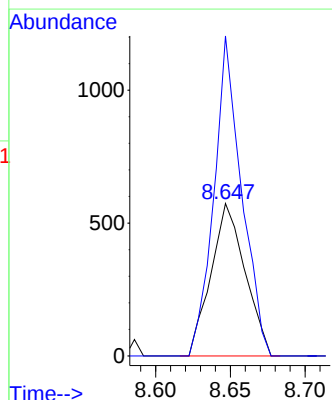
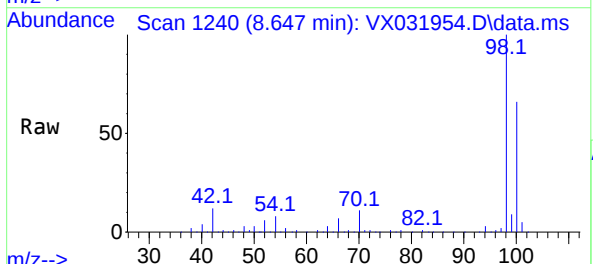
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

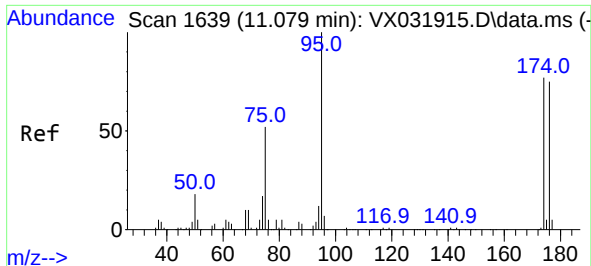
Tgt Ion: 98 Resp: 188990
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.678 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 169.8 30.6 46.0#

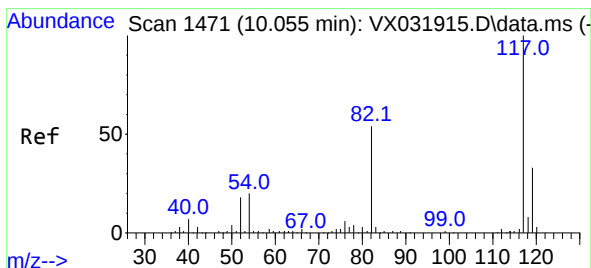
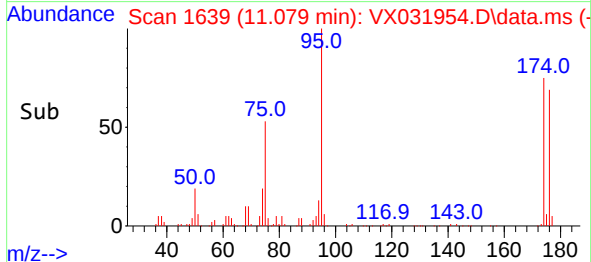
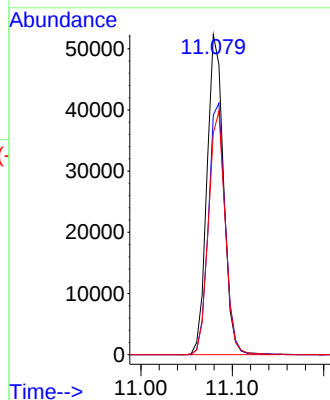
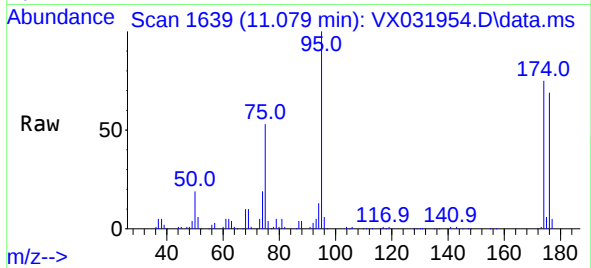




#62
4-Bromofluorobenzene
Concen: 48.108 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

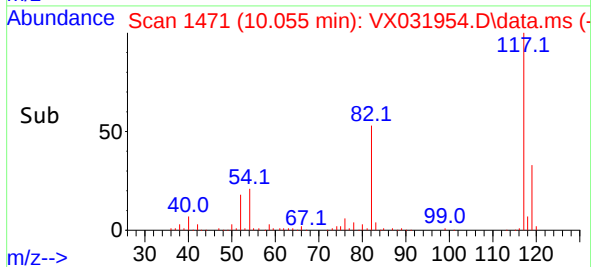
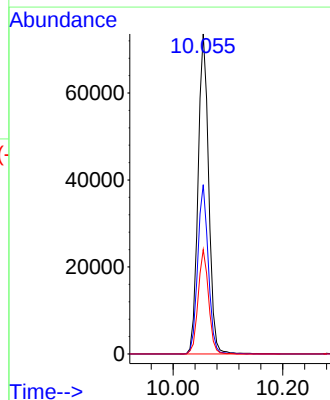
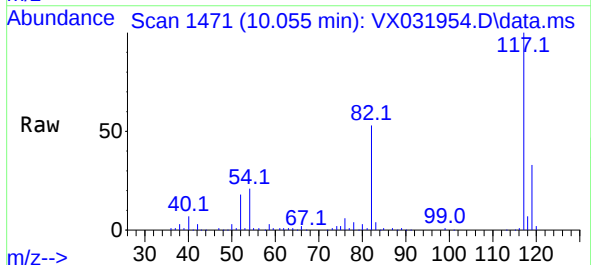
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

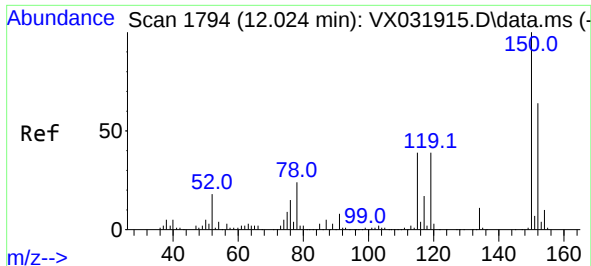
Tgt Ion: 95 Resp: 65552
Ion Ratio Lower Upper
95 100
174 79.7 0.0 153.2
176 76.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

Tgt Ion: 117 Resp: 99492
Ion Ratio Lower Upper
117 100
82 52.9 46.8 70.2
119 32.6 26.4 39.6

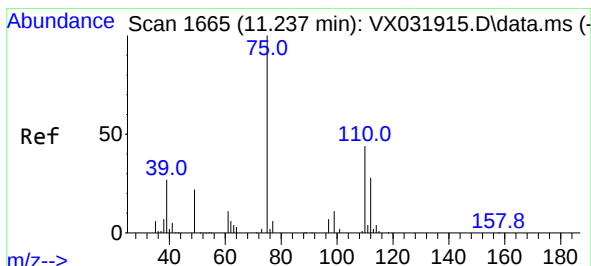
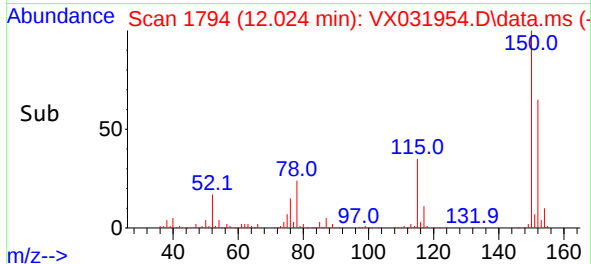
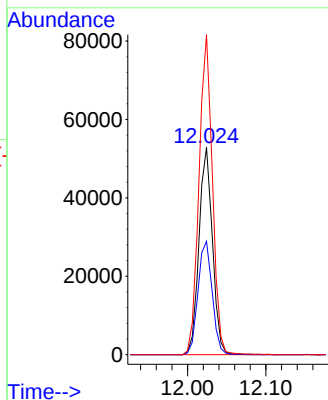
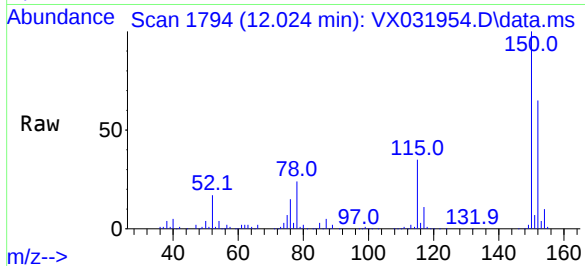




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

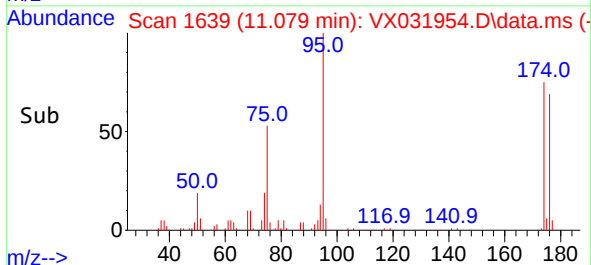
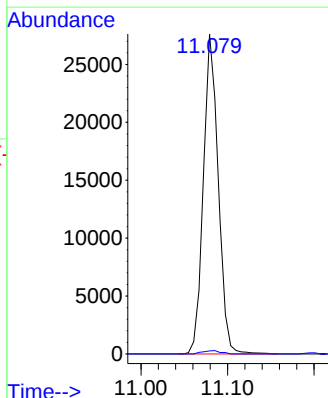
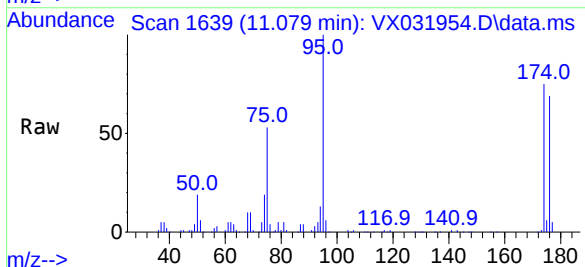
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

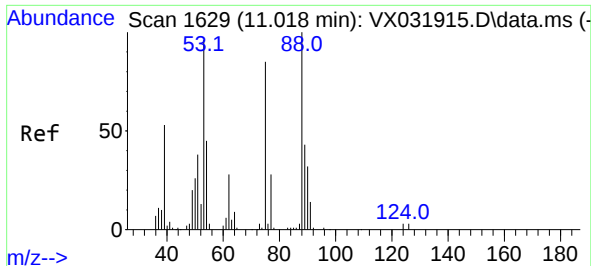
Tgt Ion:152 Resp: 63267
Ion Ratio Lower Upper
152 100
115 57.7 43.4 130.1
150 153.9 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 25.429 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

Tgt Ion: 75 Resp: 32973
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#

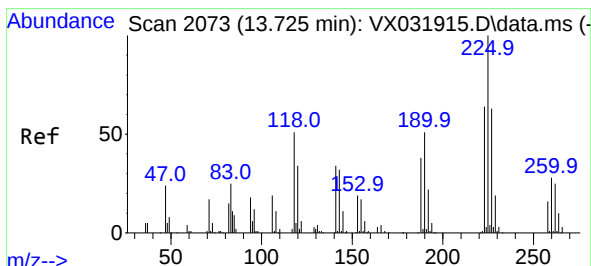
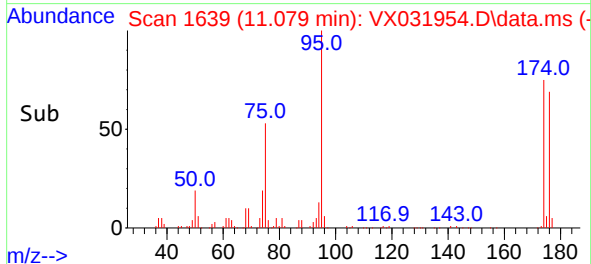
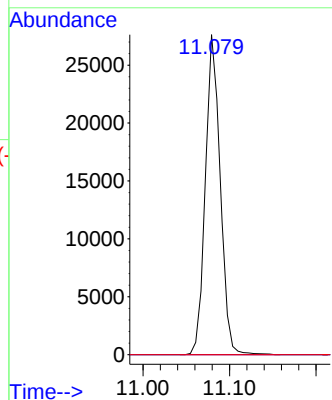
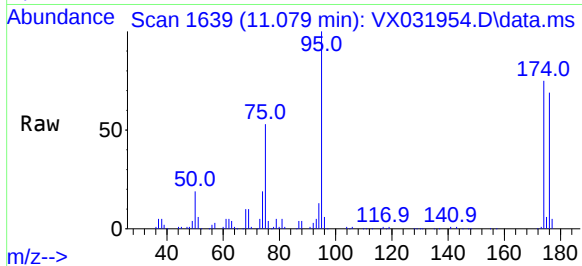




#81
trans-1,4-Dichloro-2-butene
Concen: 87.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

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

Tgt Ion: 75 Resp: 32973
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#



#94
Hexachlorobutadiene
Concen: 0.615 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX031954.D
Acq: 07 Oct 2022 12:06

Tgt Ion: 225 Resp: 336
Ion Ratio Lower Upper
225 100
223 37.5 30.8 92.4
227 45.5 32.3 96.9

