

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035636.D
 Acq On : 12 May 2023 14:31
 Operator : JC/MD
 Sample : 02777-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: May 15 01:56:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

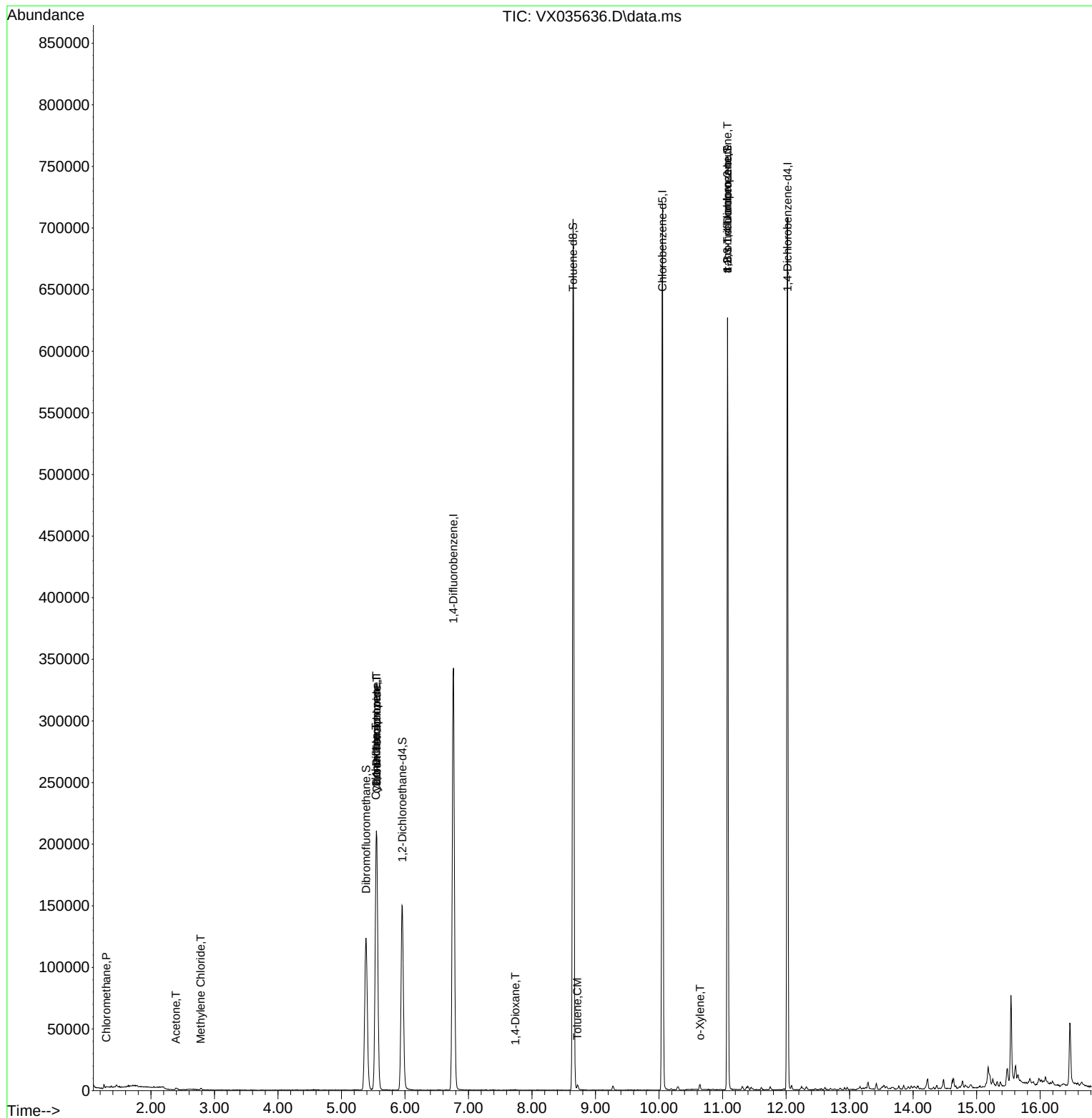
Internal Standards						
1) Pentafluorobenzene	5.550	168	182707	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	331056	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	298513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152033	47.698	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.400%
35) Dibromofluoromethane	5.385	113	106202	47.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.140%
50) Toluene-d8	8.647	98	401611	48.693	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.380%
62) 4-Bromofluorobenzene	11.079	95	164546	49.548	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	679	0.235	ug/l	# 82
16) Acetone	2.392	43	1742	1.272	ug/l	# 75
20) Methylene Chloride	2.782	84	547	0.220	ug/l	# 75
31) Cyclohexane	5.544	56	4925	1.223	ug/l	# 39
36) 1,1-Dichloropropene	5.550	75	17601	4.994	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	21482	6.435	ug/l	# 15
49) 1,4-Dioxane	7.738	88	296	6.218	ug/l	# 58
52) Toluene	8.714	92	1336	0.215	ug/l	91
69) o-Xylene	10.646	106	909	0.202	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	89674	26.622	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	89674	85.800	ug/l	# 8

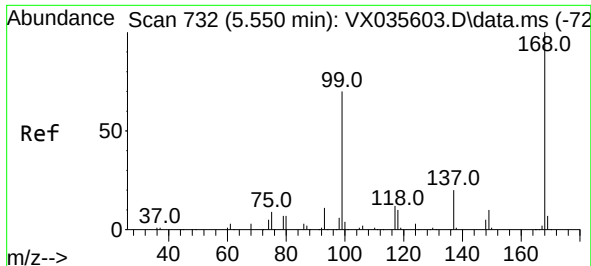
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 15 01:56:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

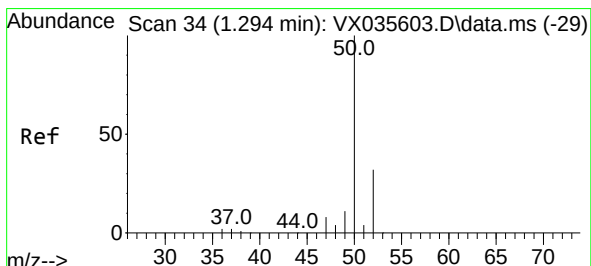
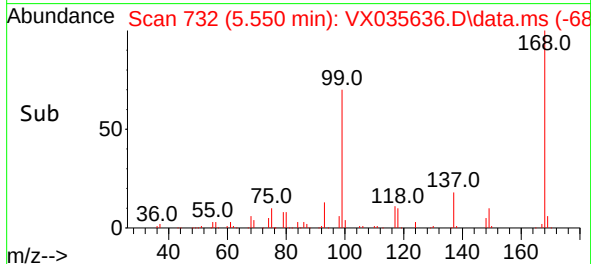
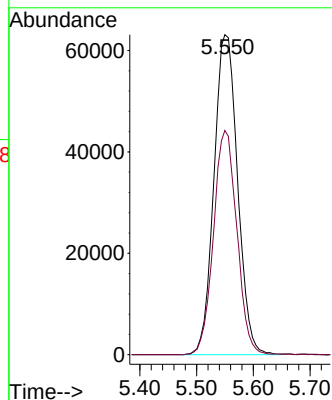
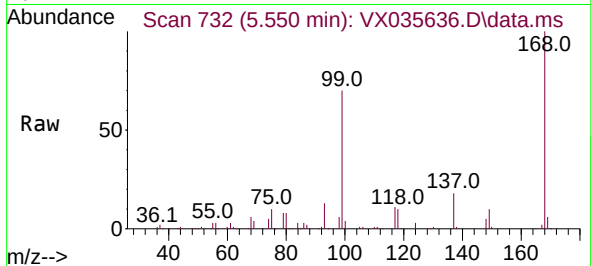




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

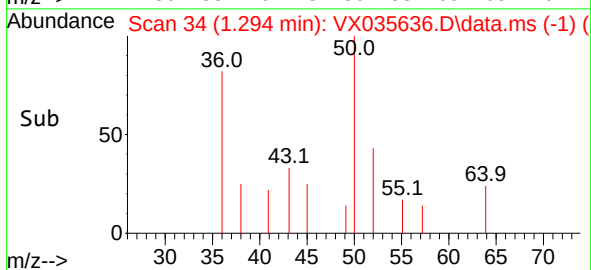
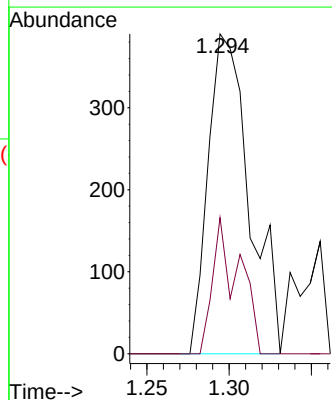
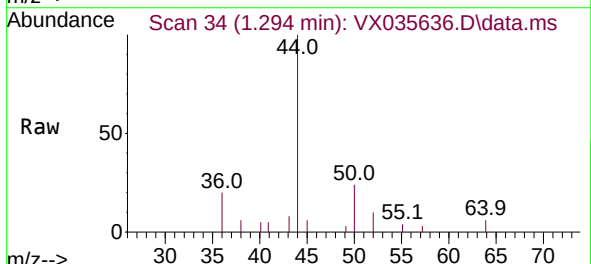
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

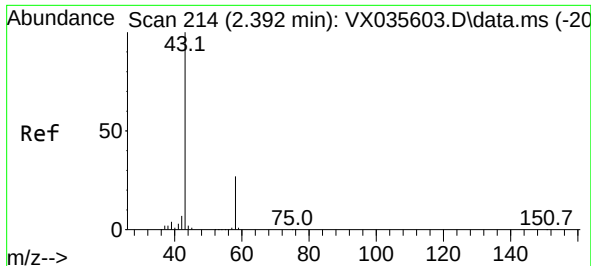
Tgt Ion:168 Resp: 182707
Ion Ratio Lower Upper
168 100
99 70.1 45.7 68.5#



#3
Chloromethane
Concen: 0.235 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

Tgt Ion: 50 Resp: 679
Ion Ratio Lower Upper
50 100
52 42.6 25.9 38.9#

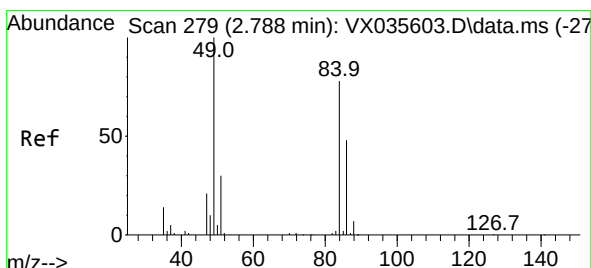
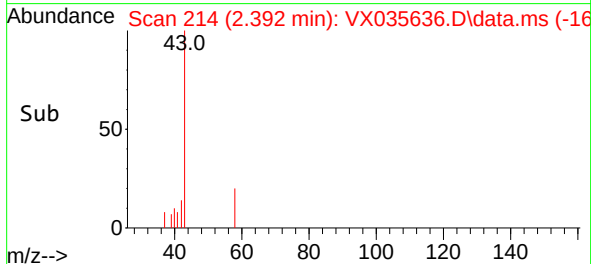
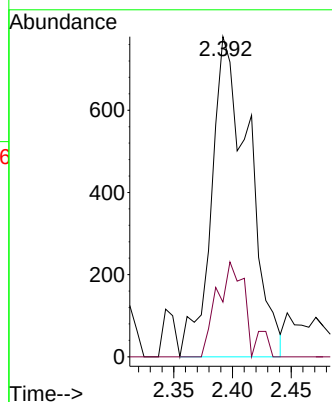
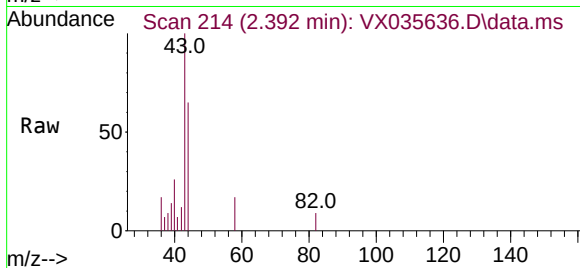




#16
Acetone
Concen: 1.272 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

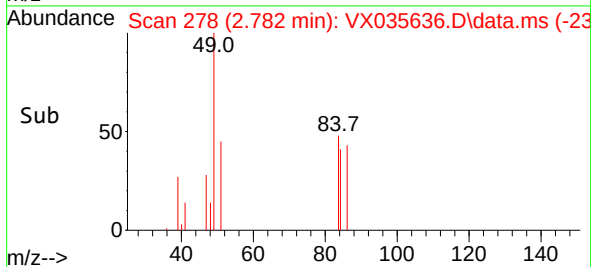
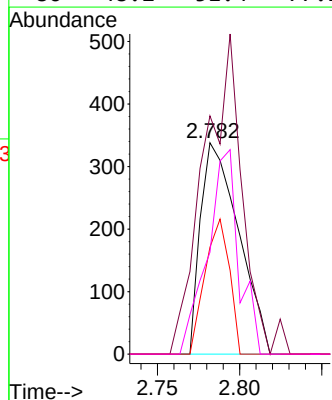
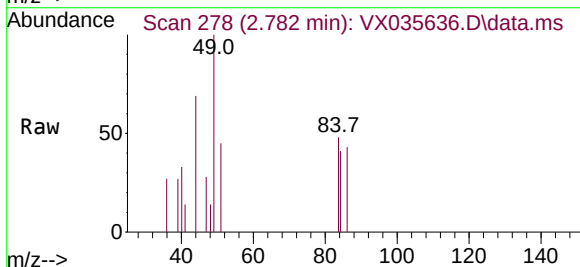
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

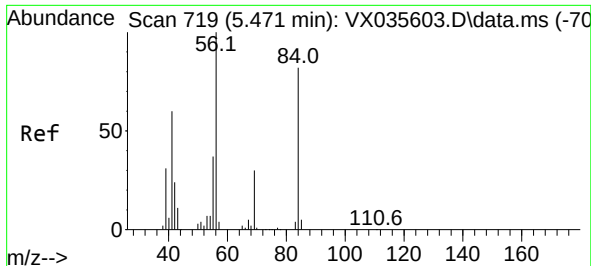
Tgt Ion: 43 Resp: 1742
Ion Ratio Lower Upper
43 100
58 17.1 24.7 37.1#



#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

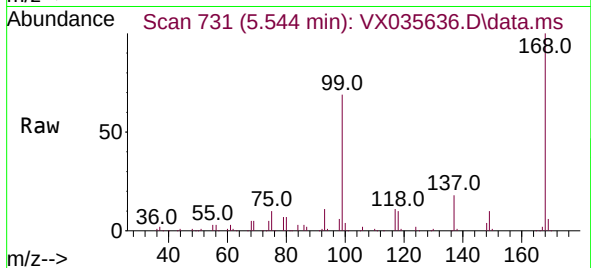
Tgt Ion: 84 Resp: 547
Ion Ratio Lower Upper
84 100
49 96.2 103.8 155.8#
51 50.6 31.8 47.8#
86 48.2 51.4 77.2#



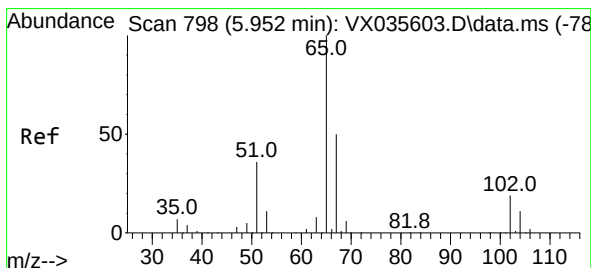
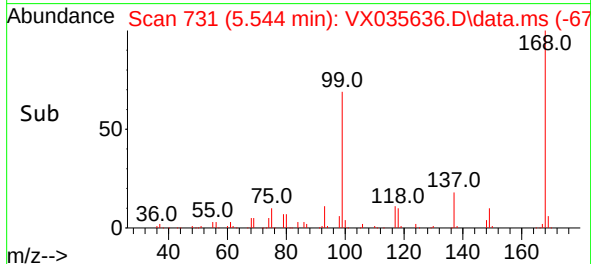
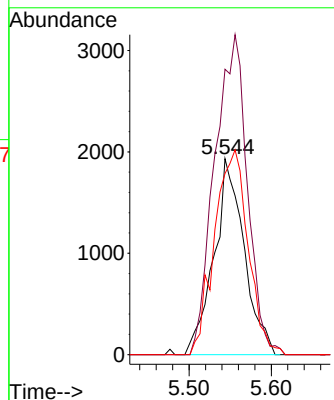


#31
Cyclohexane
Concen: 1.223 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

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

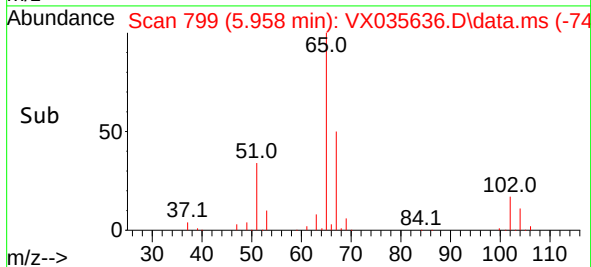
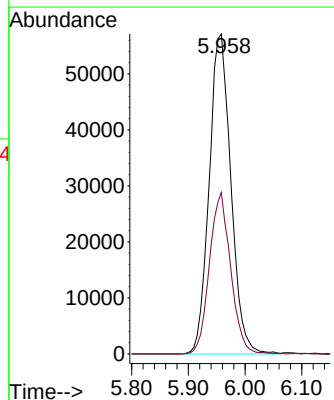
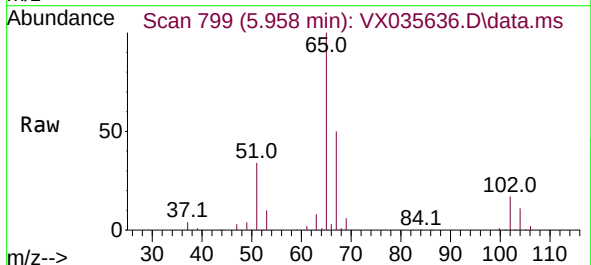


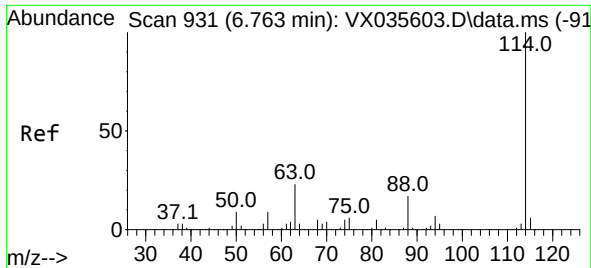
Tgt Ion: 56 Resp: 4925
Ion Ratio Lower Upper
56 100
69 145.6 23.7 35.5#
84 92.4 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 47.698 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

Tgt Ion: 65 Resp: 152033
Ion Ratio Lower Upper
65 100
67 49.2 0.0 104.0

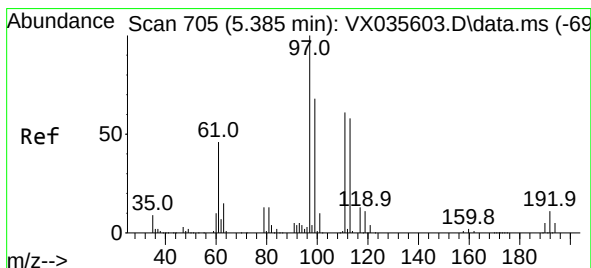
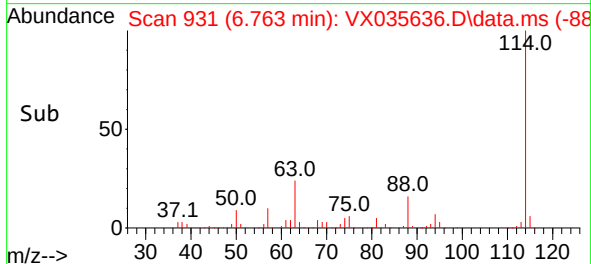
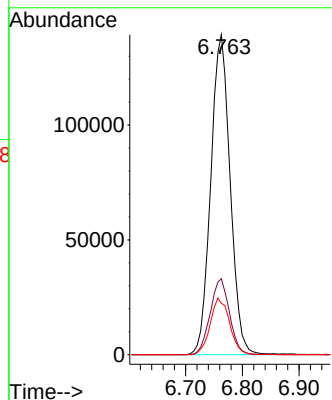
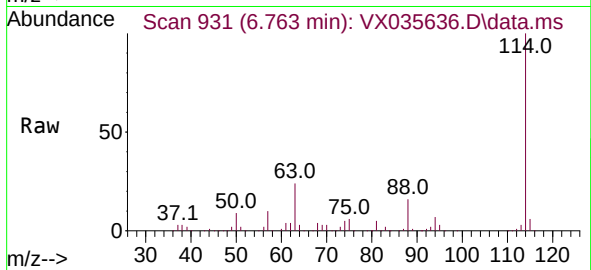




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

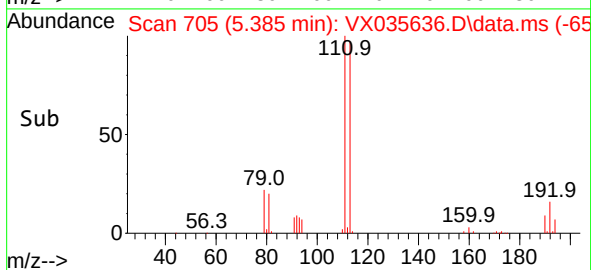
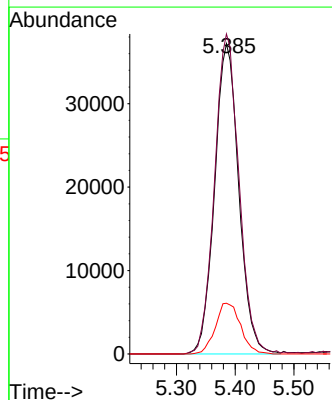
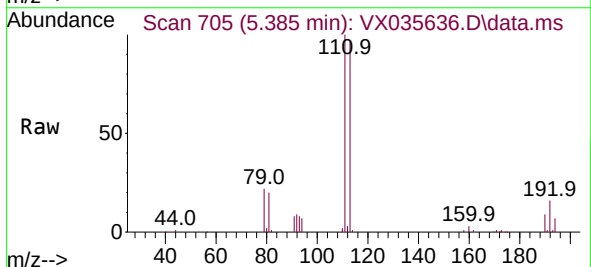
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

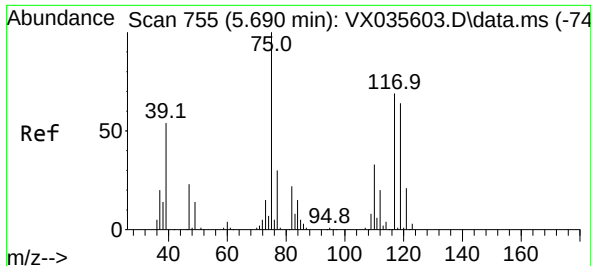
Tgt Ion:114 Resp: 331056
Ion Ratio Lower Upper
114 100
63 23.8 0.0 42.2
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.568 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

Tgt Ion:113 Resp: 106202
Ion Ratio Lower Upper
113 100
111 104.7 83.7 125.5
192 17.0 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.994 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX035636.D

Acq: 12 May 2023 14:31

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

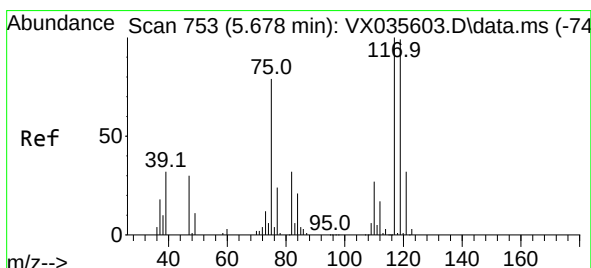
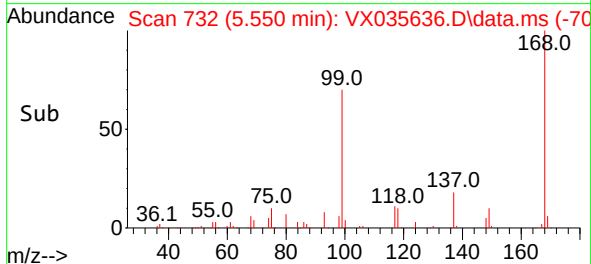
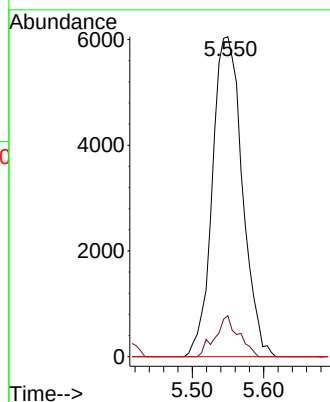
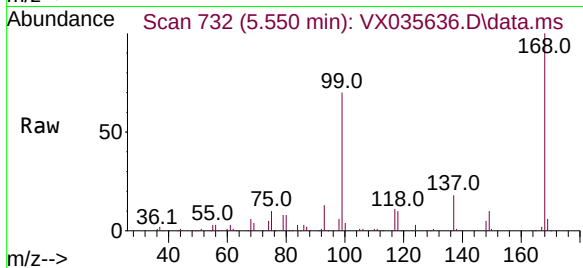
Tgt Ion: 75 Resp: 17601

Ion Ratio Lower Upper

75 100

110 10.0 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.435 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX035636.D

Acq: 12 May 2023 14:31

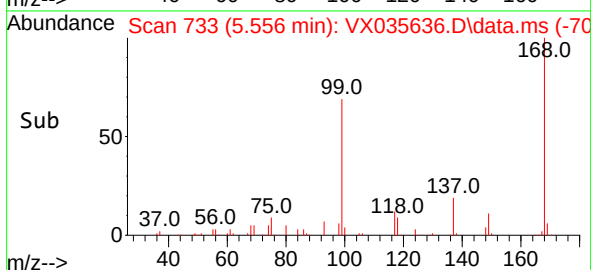
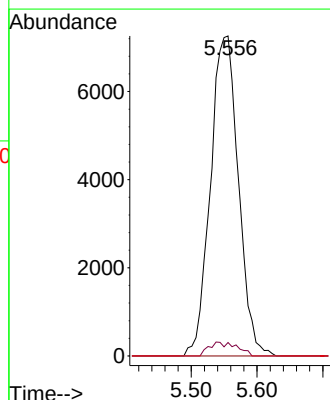
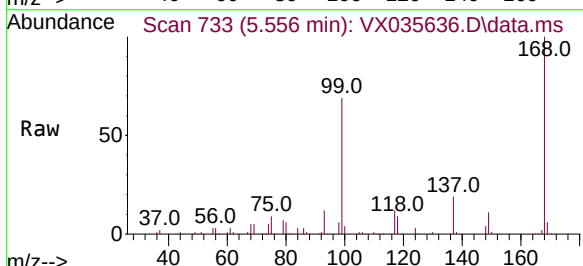
Tgt Ion: 117 Resp: 21482

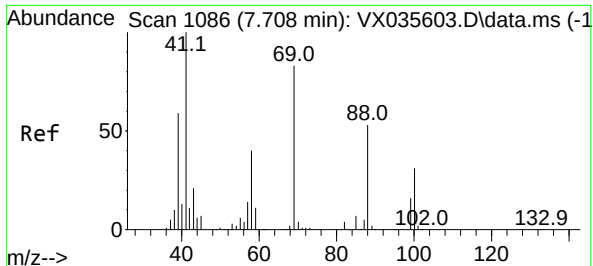
Ion Ratio Lower Upper

117 100

119 4.2 76.6 114.8#

121 0.0 23.8 35.6#

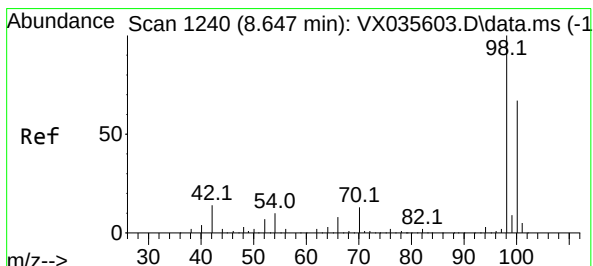
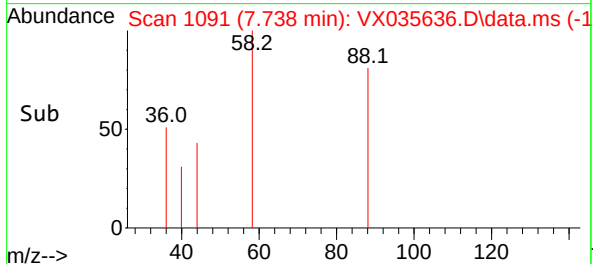
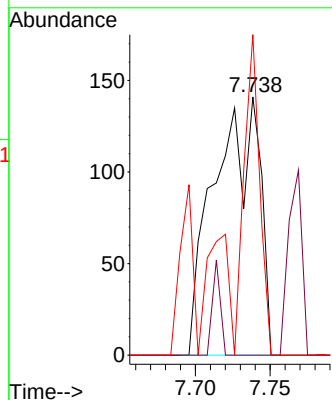
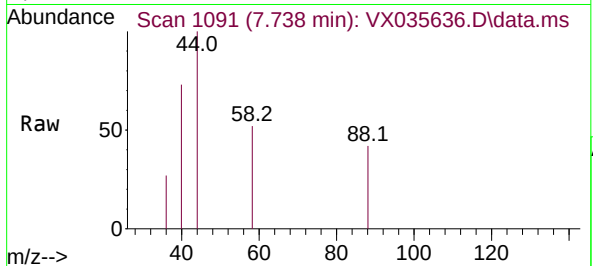




#49
1,4-Dioxane
Concen: 6.218 ug/l
RT: 7.738 min Scan# 1086
Delta R.T. 0.030 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

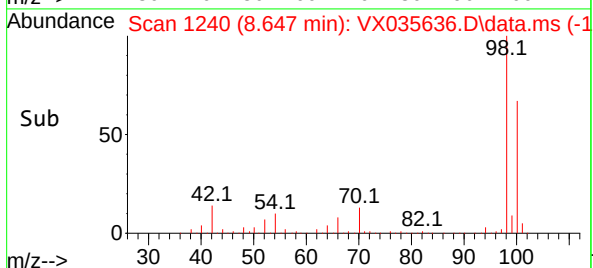
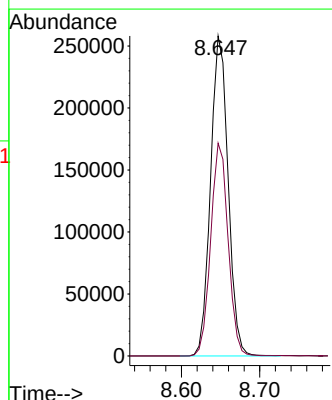
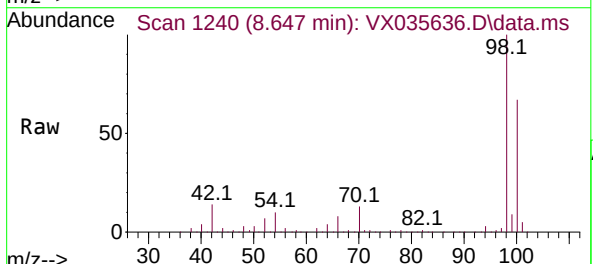
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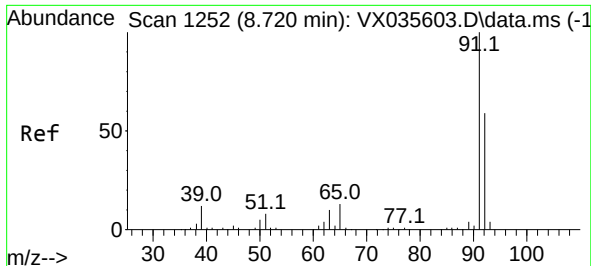
Tgt Ion: 88 Resp: 296
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 42.9 56.8 85.2#



#50
Toluene-d8
Concen: 48.693 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

Tgt Ion: 98 Resp: 401611
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7

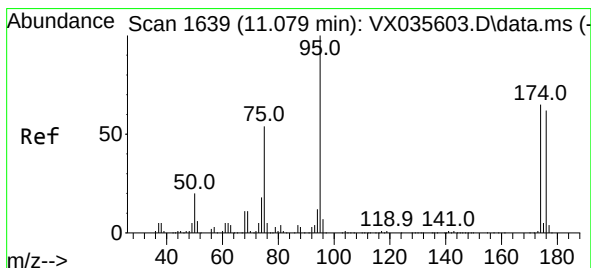
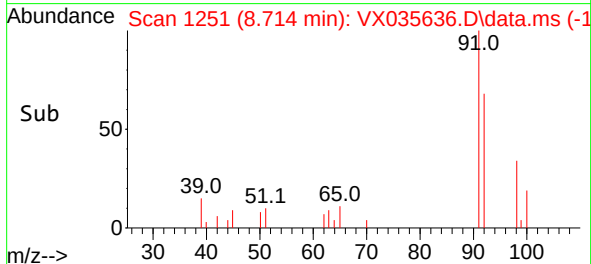
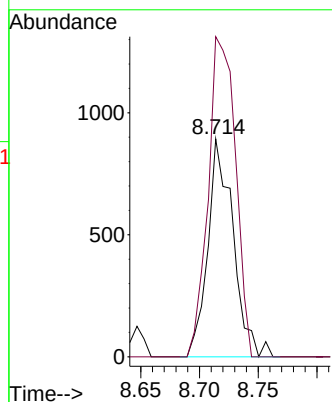
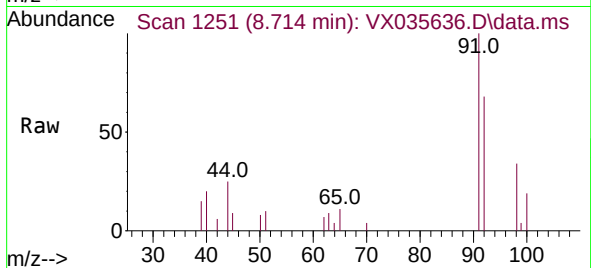




#52
Toluene
Concen: 0.215 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

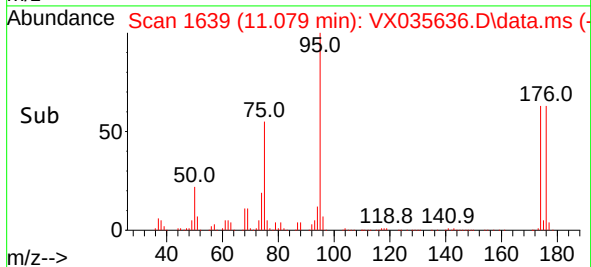
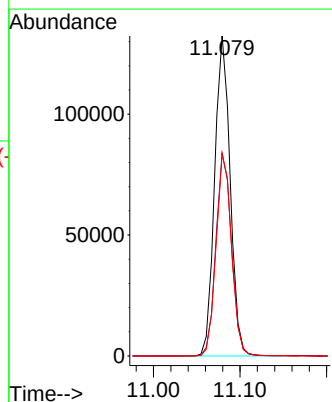
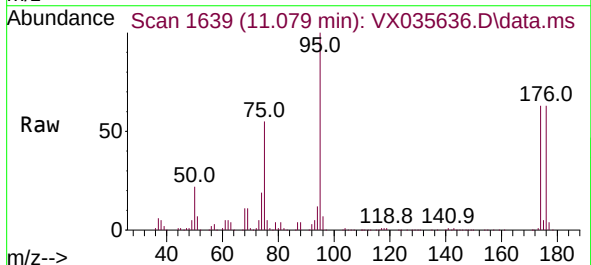
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

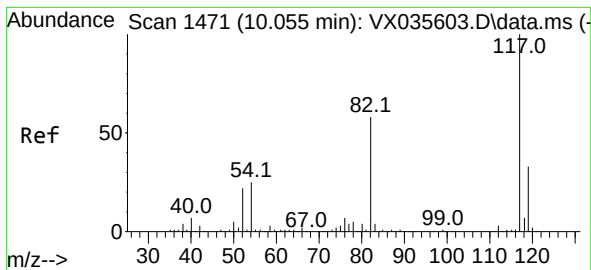
Tgt Ion: 92 Resp: 1336
Ion Ratio Lower Upper
92 100
91 159.0 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 49.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

Tgt Ion: 95 Resp: 164546
Ion Ratio Lower Upper
95 100
174 64.0 0.0 147.4
176 62.7 0.0 140.6

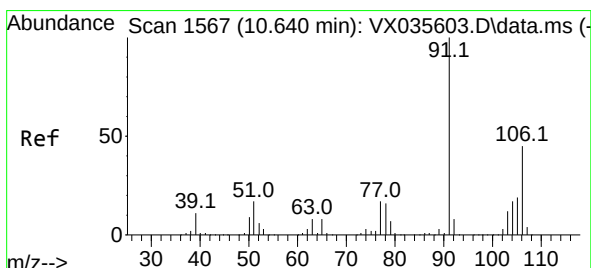
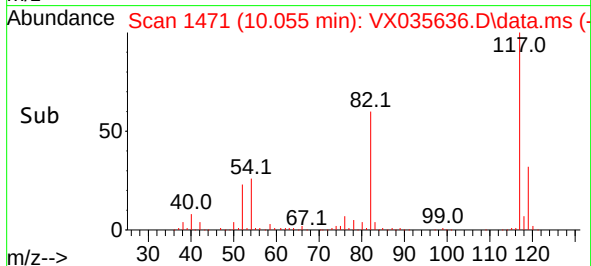
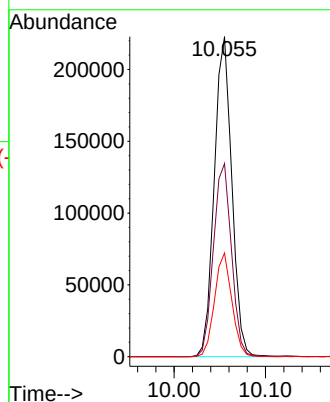
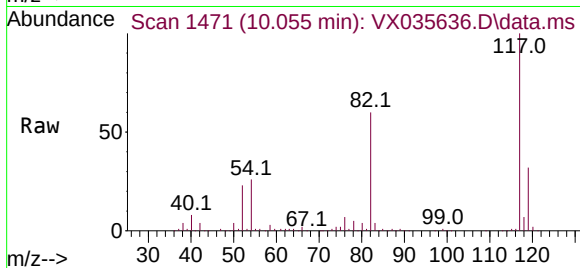




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

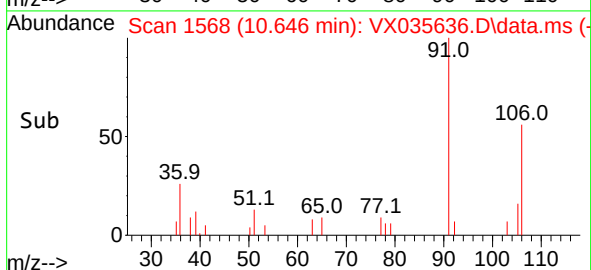
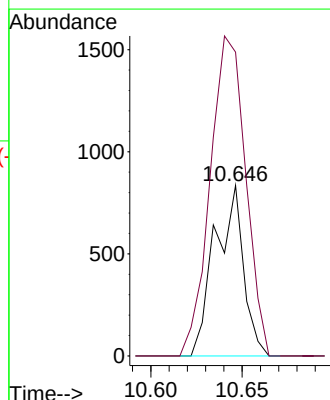
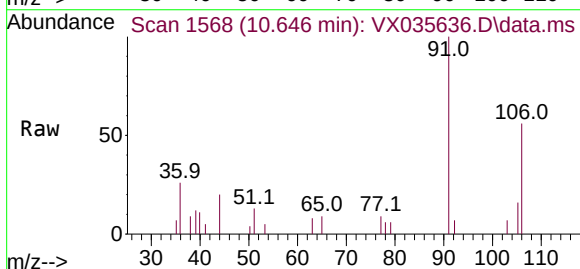
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

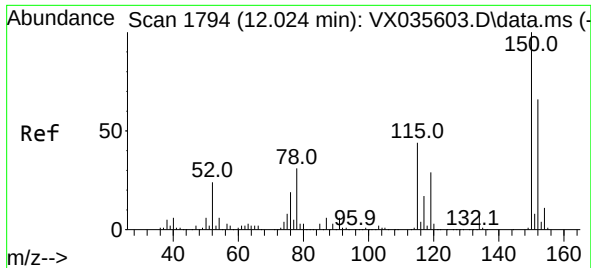
Tgt Ion:117 Resp: 298513
Ion Ratio Lower Upper
117 100
82 60.4 45.0 67.4
119 32.4 26.0 39.0



#69
o-Xylene
Concen: 0.202 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

Tgt Ion:106 Resp: 909
Ion Ratio Lower Upper
106 100
91 233.2 108.5 325.3

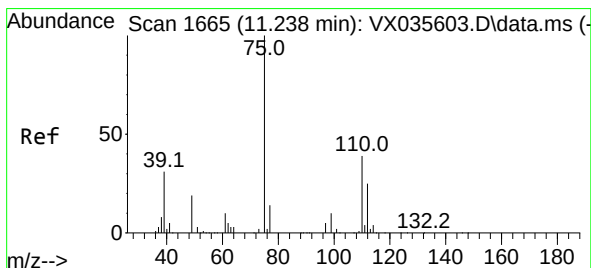
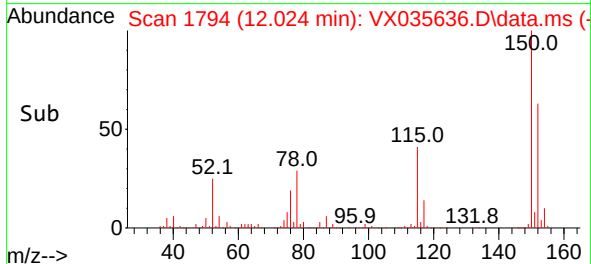
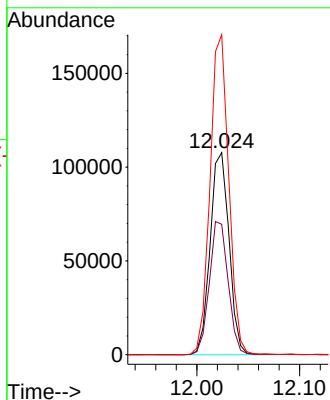
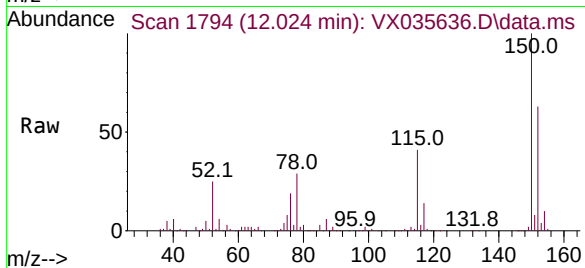




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

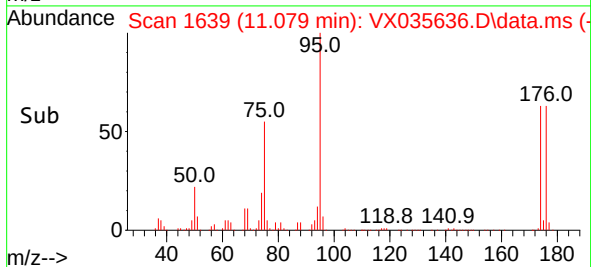
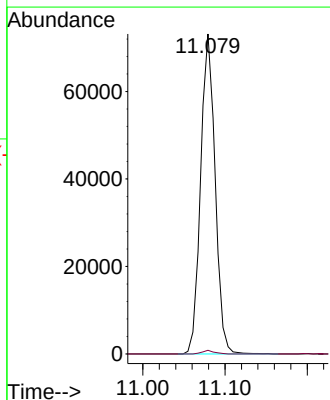
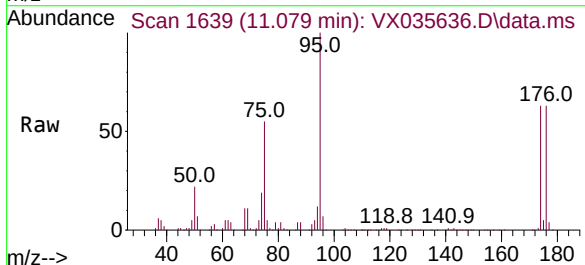
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

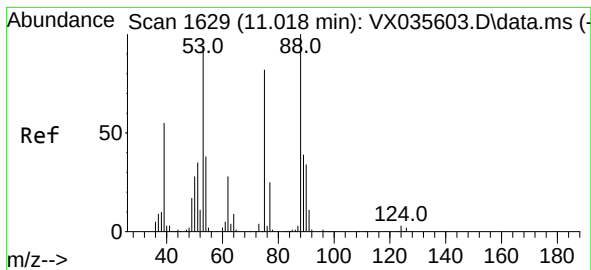
Tgt Ion:152 Resp: 137707
Ion Ratio Lower Upper
152 100
115 65.4 45.0 135.0
150 156.3 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 26.622 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035636.D
Acq: 12 May 2023 14:31

Tgt Ion: 75 Resp: 89674
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.800 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035636.D
 Acq: 12 May 2023 14:31

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

Tgt Ion: 75 Resp: 89674
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

