

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044314.D
 Acq On : 16 Dec 2024 11:29
 Operator : JC/MD
 Sample : P5288-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Dec 17 00:47:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

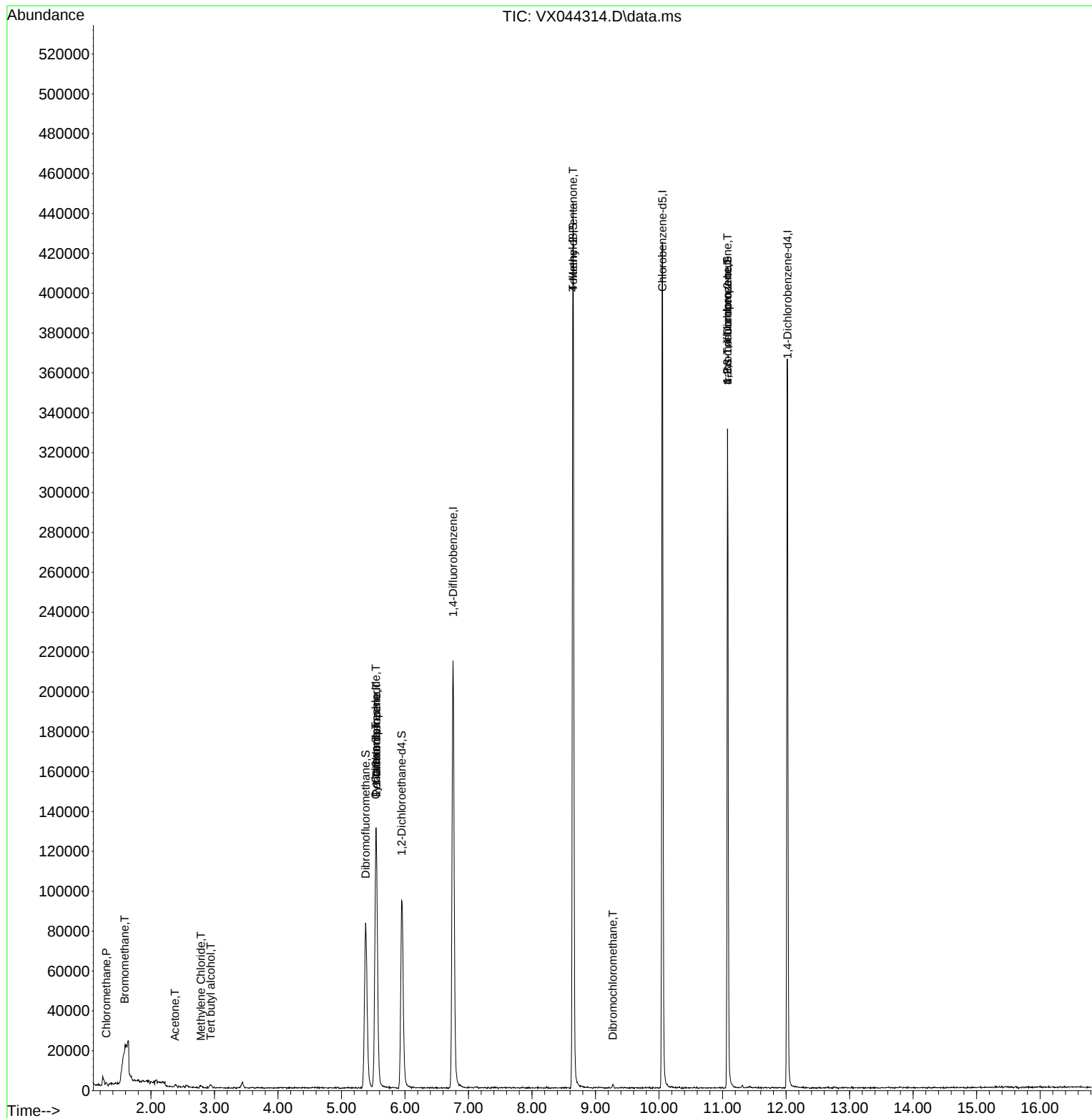
Internal Standards						
1) Pentafluorobenzene	5.550	168	115253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95240	47.131	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.260%
35) Dibromofluoromethane	5.379	113	70704	47.529	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.060%
50) Toluene-d8	8.647	98	260853	51.976	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.960%
62) 4-Bromofluorobenzene	11.079	95	83352	47.530	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.060%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	961	0.564	ug/l	99
5) Bromomethane	1.587	94	527	0.418	ug/l #	35
11) Tert butyl alcohol	2.940	59	751	2.637	ug/l #	78
16) Acetone	2.380	43	1146	1.391	ug/l #	87
20) Methylene Chloride	2.788	84	605	0.391	ug/l	91
31) Cyclohexane	5.537	56	3211	1.472	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	10834	5.634	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12813	6.189	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	1380	0.578	ug/l #	1
60) Dibromochloromethane	9.275	129	18	1.243	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	46418	28.536	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	46418	78.226	ug/l #	4

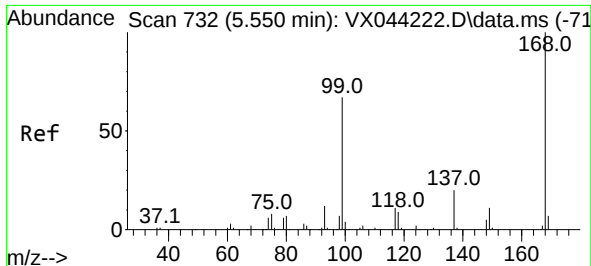
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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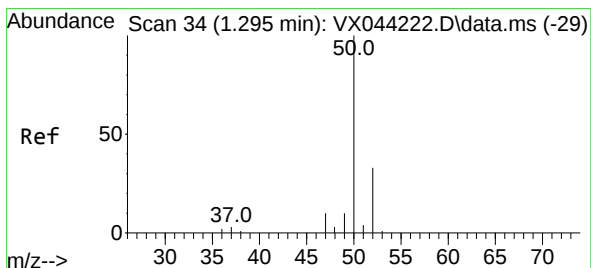
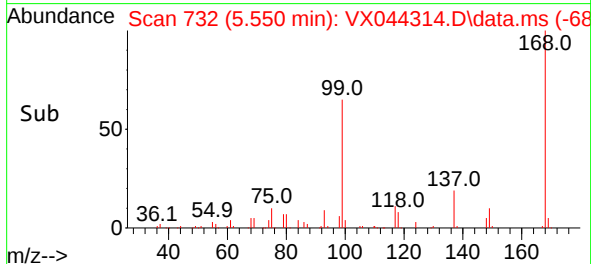
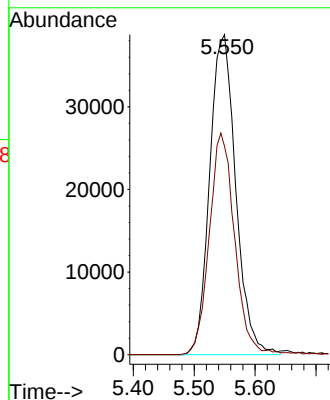
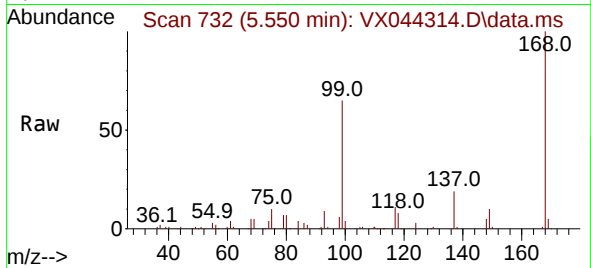




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

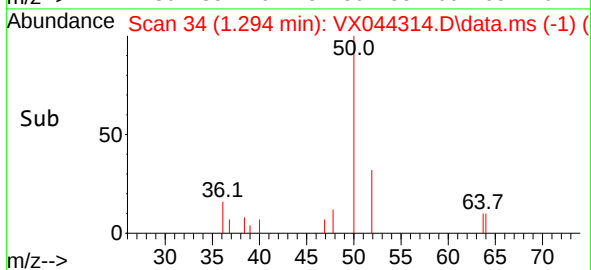
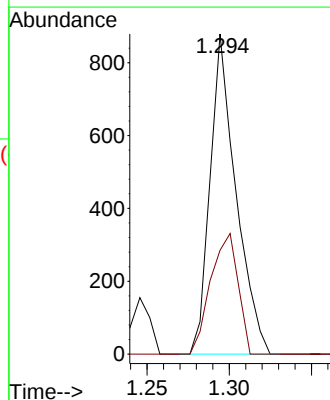
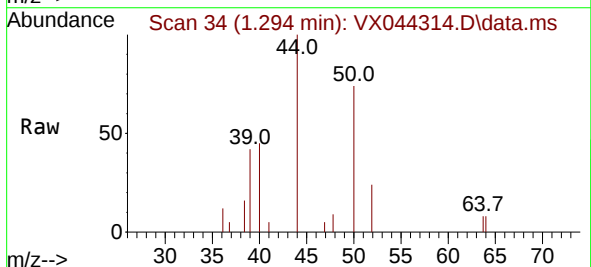
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

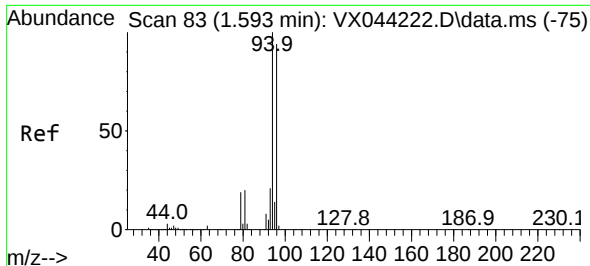
Tgt Ion:168 Resp: 115253
Ion Ratio Lower Upper
168 100
99 65.1 53.4 80.0



#3
Chloromethane
Concen: 0.564 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

Tgt Ion: 50 Resp: 961
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7

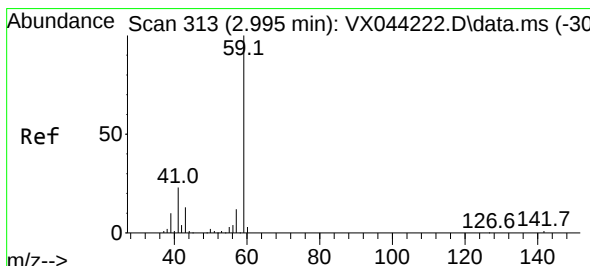
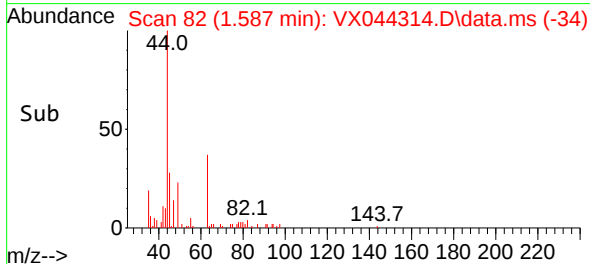
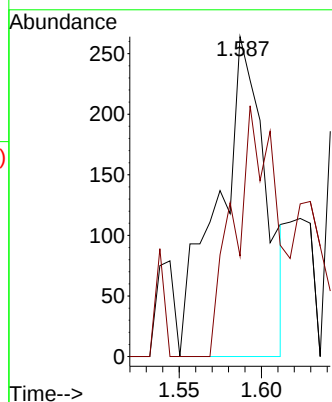
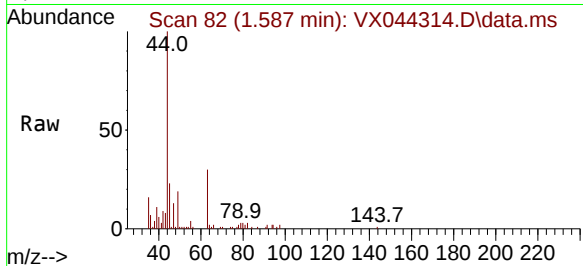




#5
Bromomethane
Concen: 0.418 ug/l
RT: 1.587 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

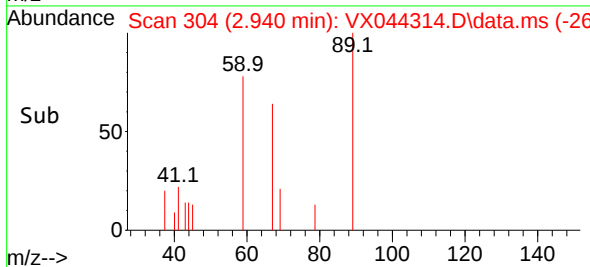
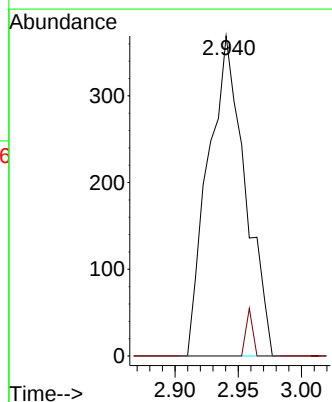
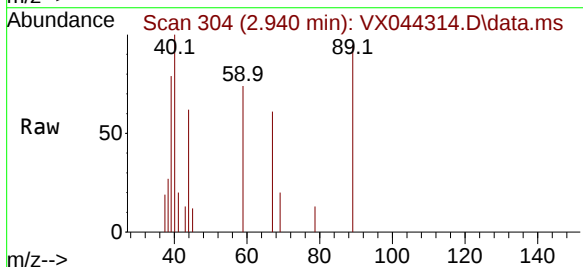
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

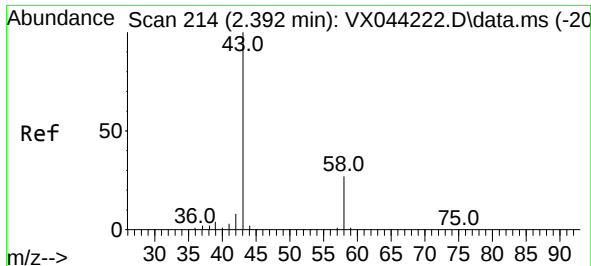
Tgt Ion: 94 Resp: 527
Ion Ratio Lower Upper
94 100
96 31.4 74.9 112.3#



#11
Tert butyl alcohol
Concen: 2.637 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

Tgt Ion: 59 Resp: 751
Ion Ratio Lower Upper
59 100
57 2.7 8.8 13.2#

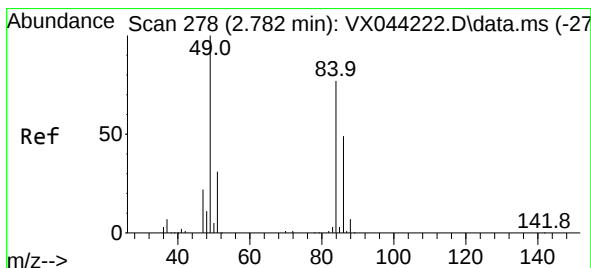
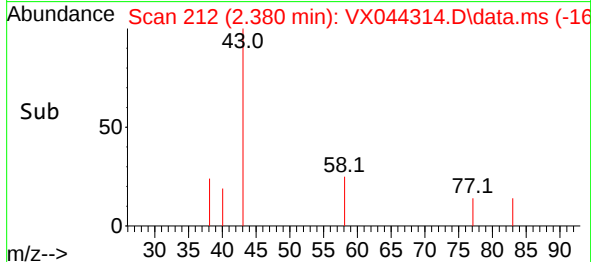
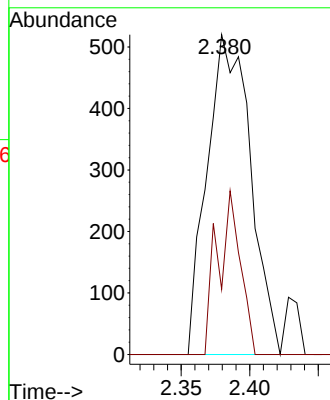
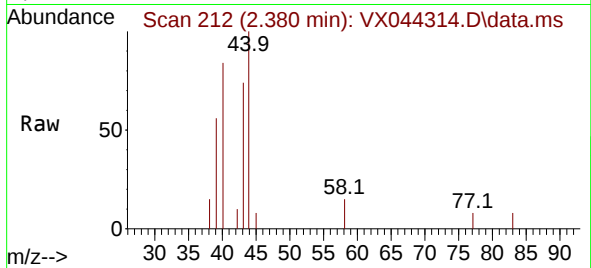




#16
Acetone
Concen: 1.391 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

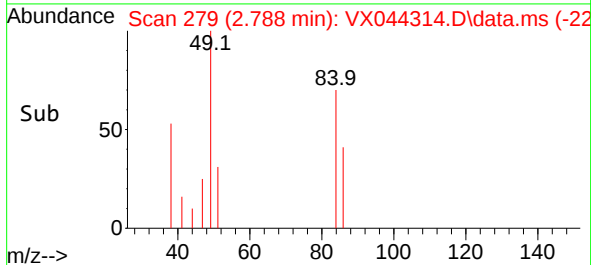
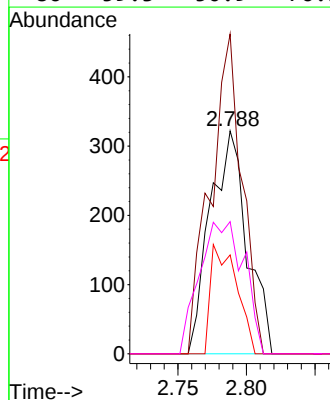
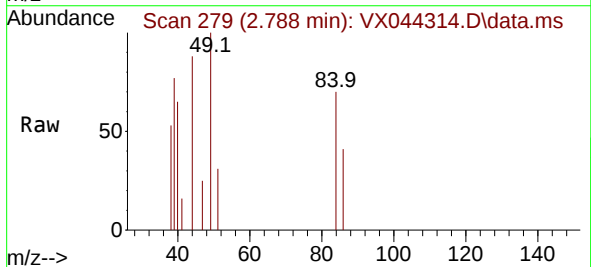
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

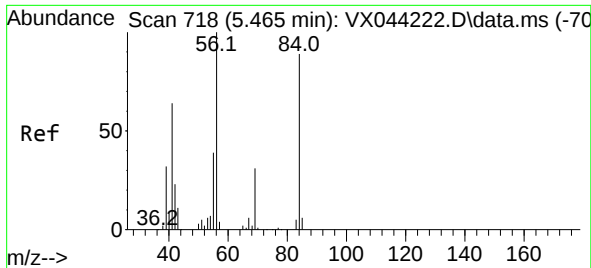
Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
58 20.4 21.6 32.4#



#20
Methylene Chloride
Concen: 0.391 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

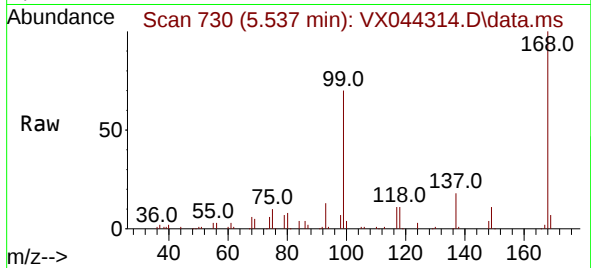
Tgt Ion: 84 Resp: 605
Ion Ratio Lower Upper
84 100
49 143.5 104.2 156.4
51 44.4 32.2 48.4
86 59.3 50.9 76.3



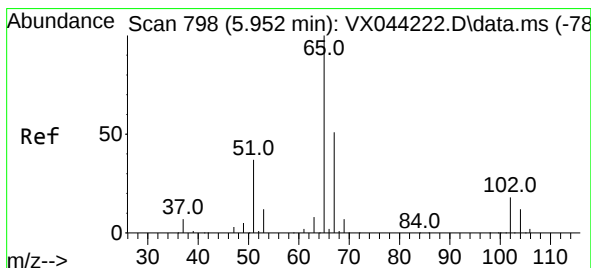
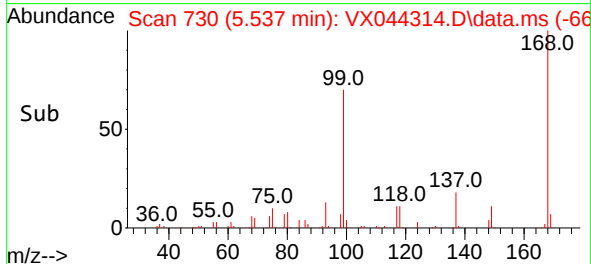
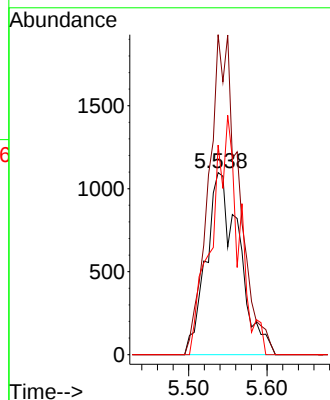


#31
Cyclohexane
Concen: 1.472 ug/l
RT: 5.537 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

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

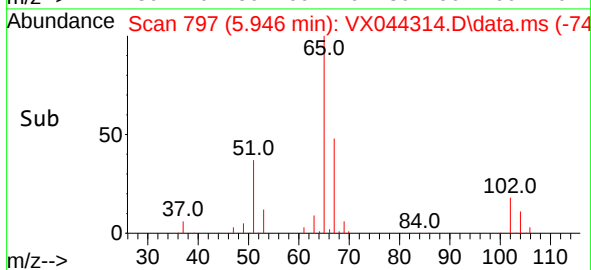
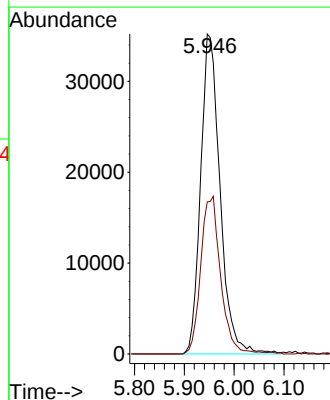
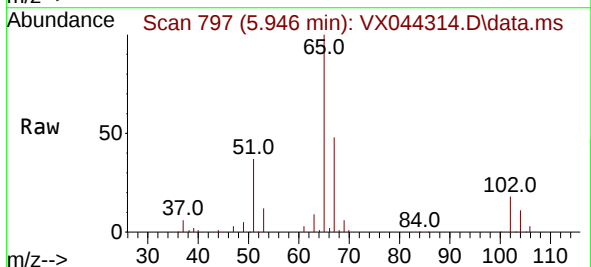


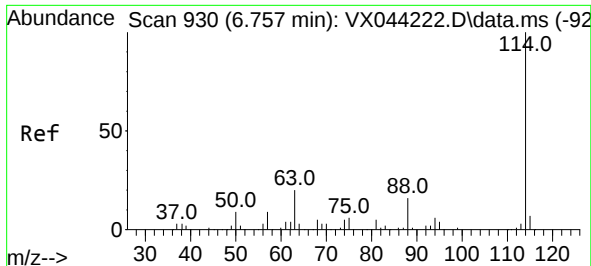
Tgt Ion: 56 Resp: 3211
Ion Ratio Lower Upper
56 100
69 175.8 24.7 37.1#
84 115.1 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 47.131 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

Tgt Ion: 65 Resp: 95240
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6

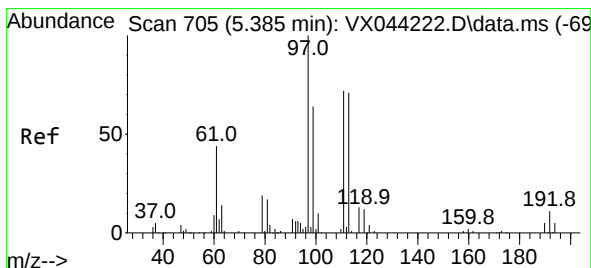
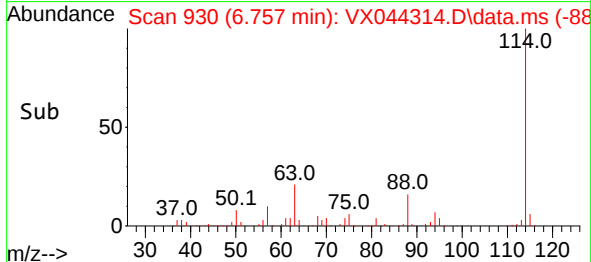
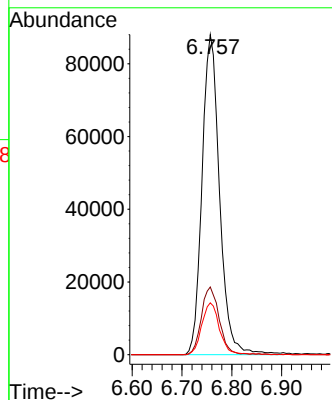
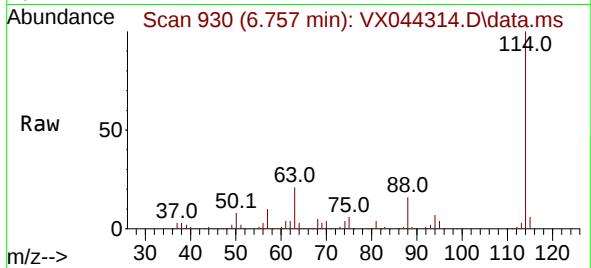




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 914
Delta R.T. -0.000 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

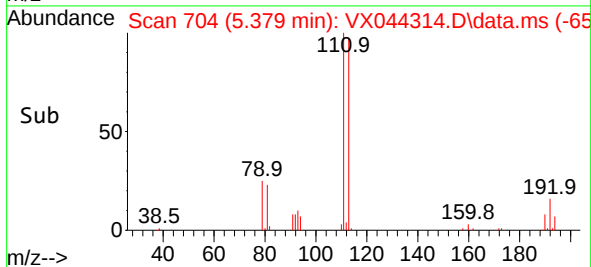
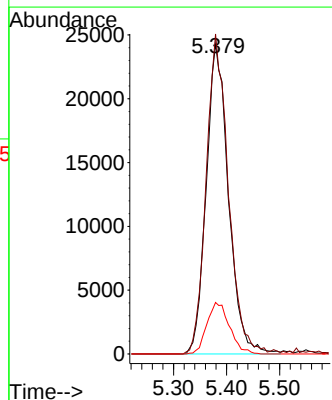
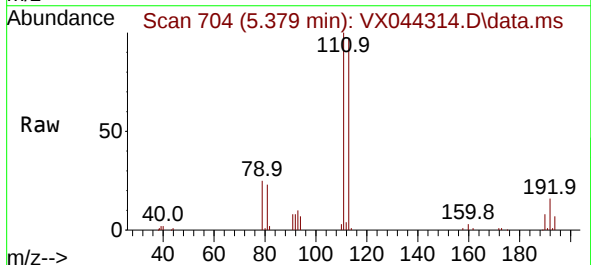
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MSVOA_X
ClientSampleId :
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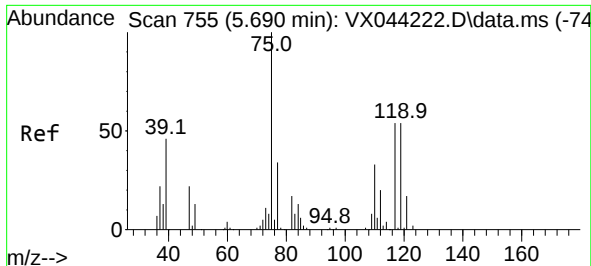
Tgt Ion:114 Resp: 214788
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.6
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.529 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

Tgt Ion:113 Resp: 70704
Ion Ratio Lower Upper
113 100
111 103.0 80.4 120.6
192 16.9 13.3 19.9

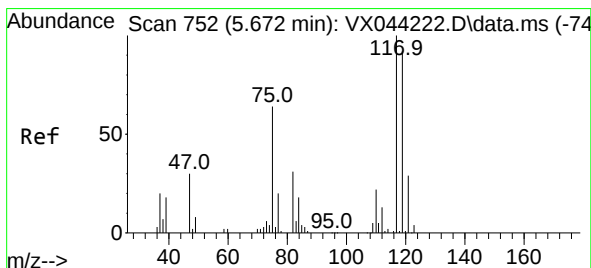
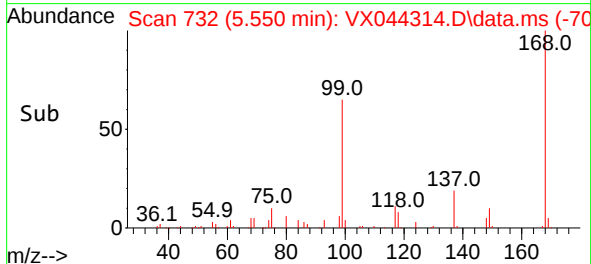
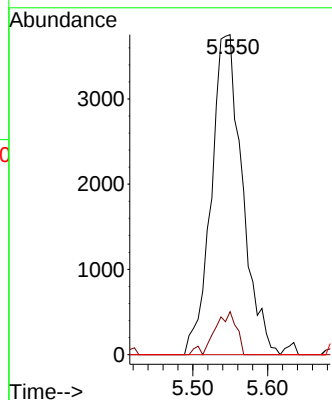
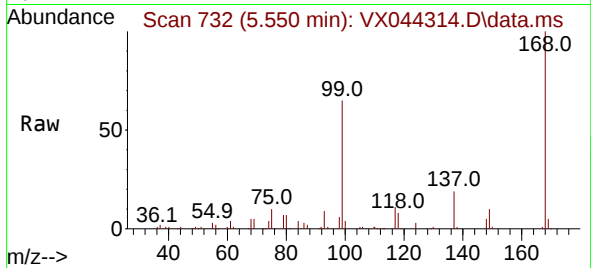




#36
1,1-Dichloropropene
Concen: 5.634 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

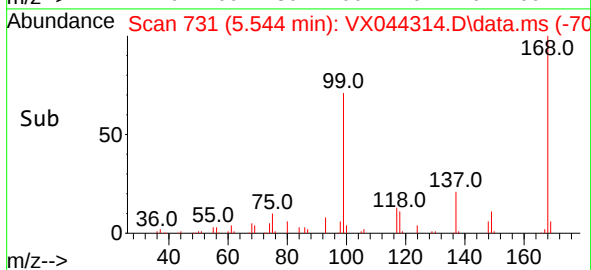
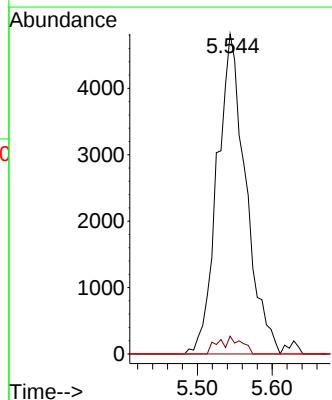
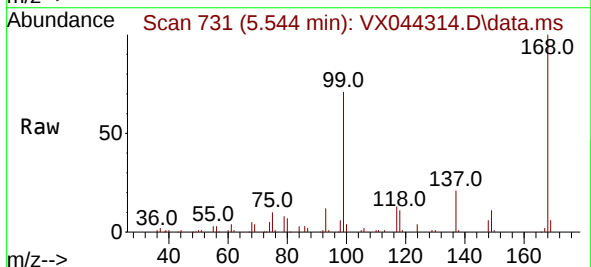
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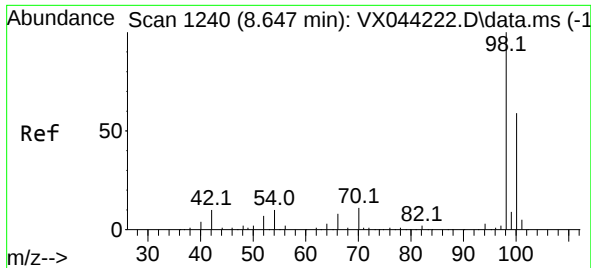
Tgt Ion: 75 Resp: 10834
Ion Ratio Lower Upper
75 100
110 9.5 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.189 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

Tgt Ion: 117 Resp: 12813
Ion Ratio Lower Upper
117 100
119 5.6 74.2 111.4#
121 0.0 23.0 34.6#

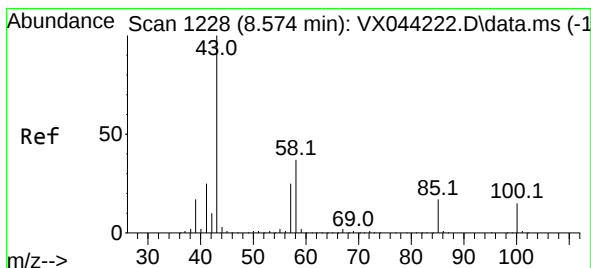
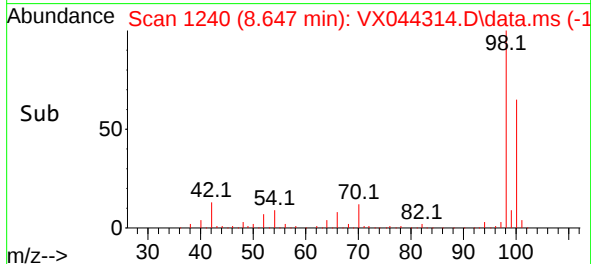
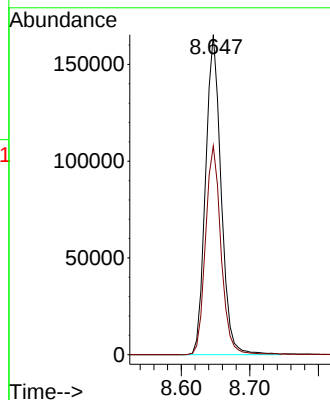
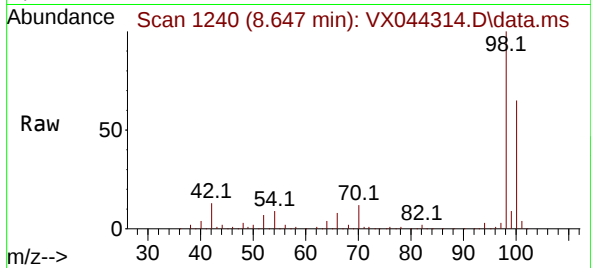




#50
Toluene-d8
Concen: 51.976 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

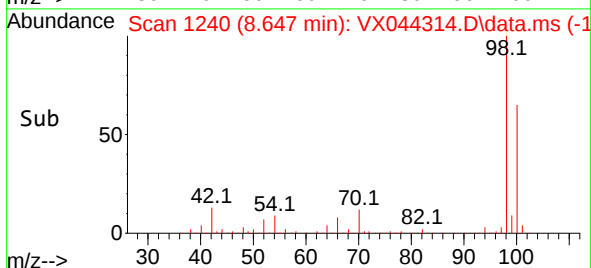
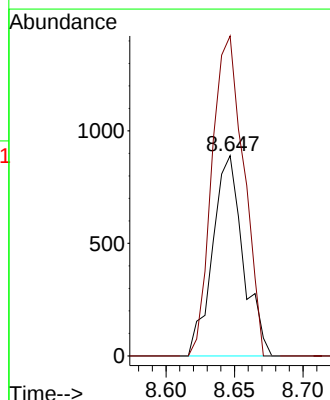
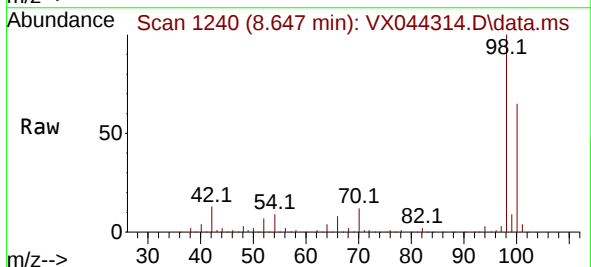
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-SOIL-REF-6

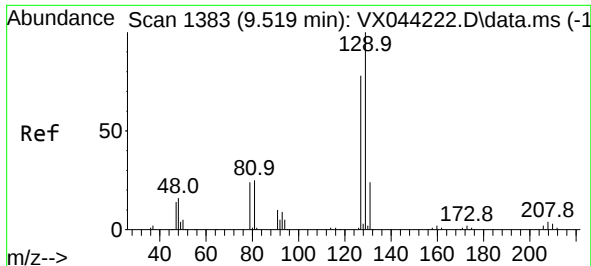
Tgt Ion: 98 Resp: 260853
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
58 166.5 29.4 44.0#

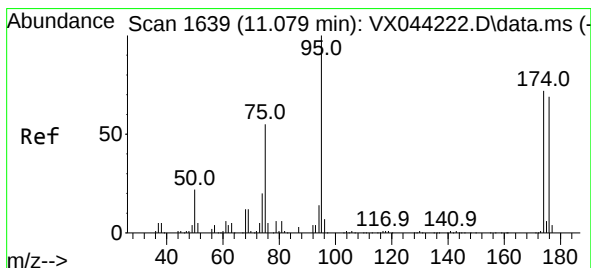
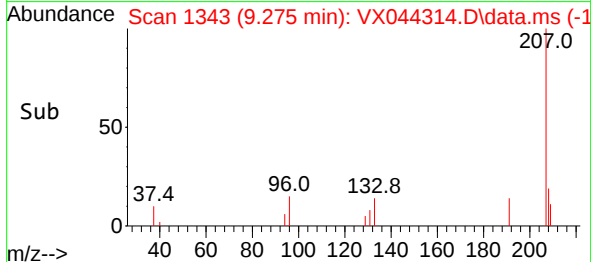
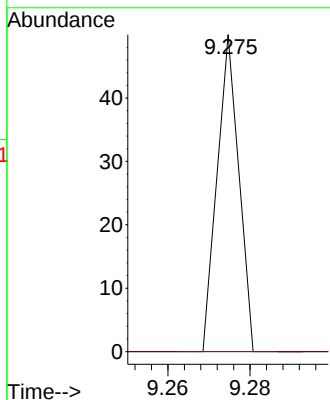
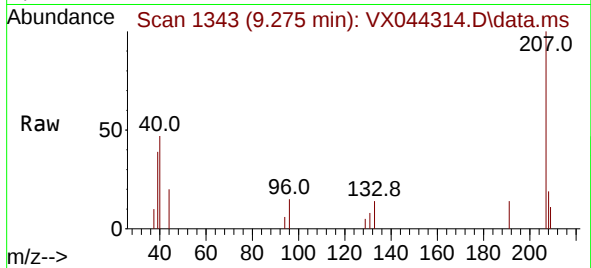




#60
Dibromochloromethane
Concen: 1.243 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

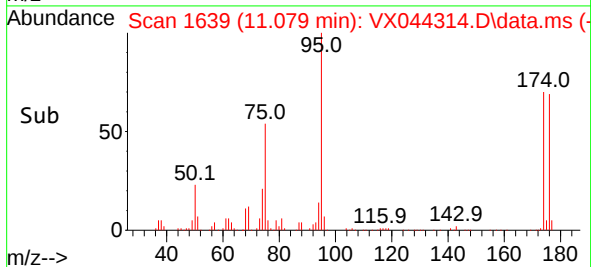
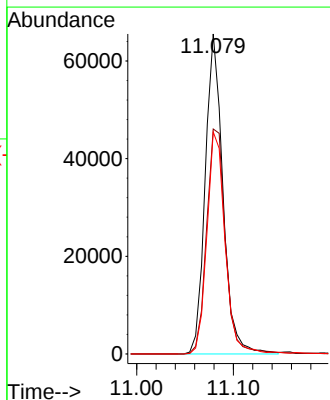
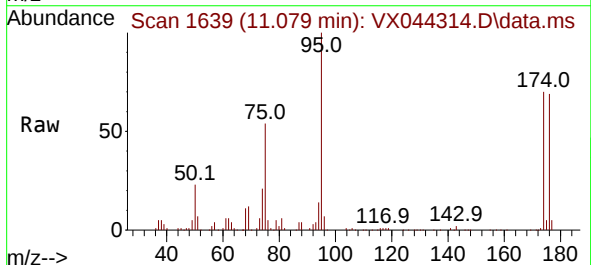
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

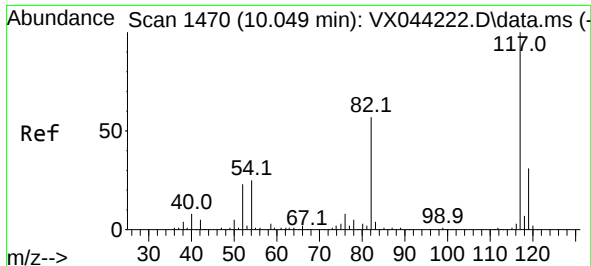
Tgt Ion:129 Resp: 18
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 47.530 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

Tgt Ion: 95 Resp: 83352
Ion Ratio Lower Upper
95 100
174 75.3 0.0 145.8
176 71.2 0.0 137.8

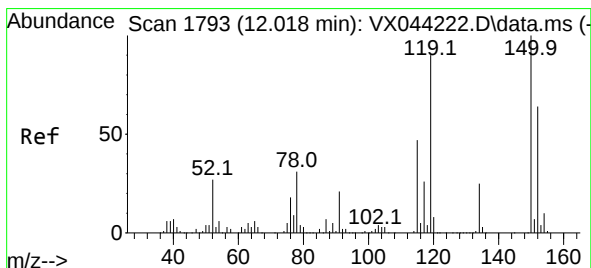
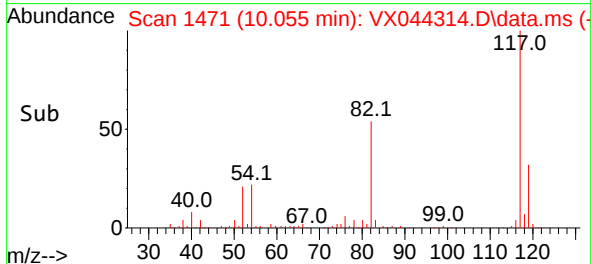
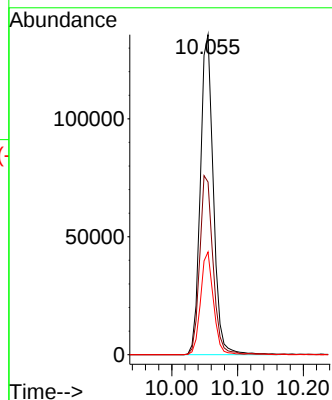
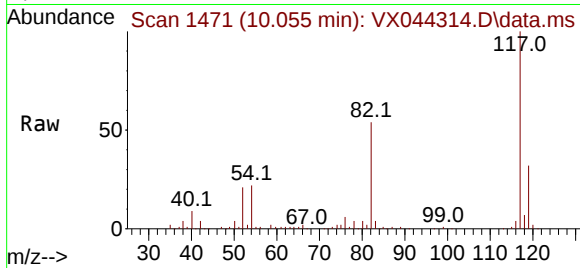




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

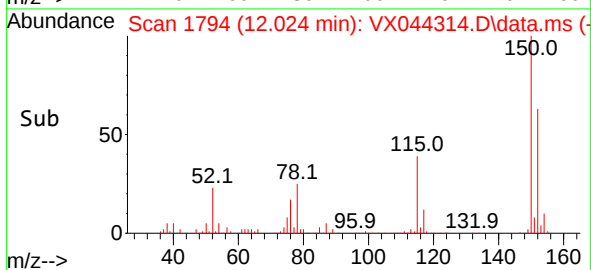
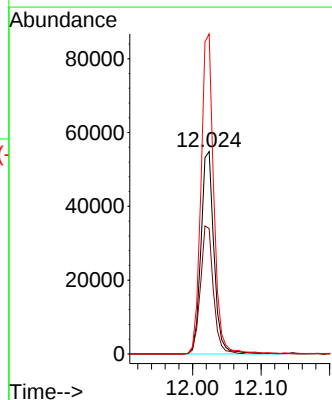
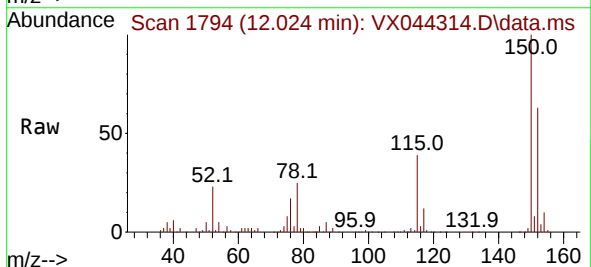
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-SOIL-REF-6

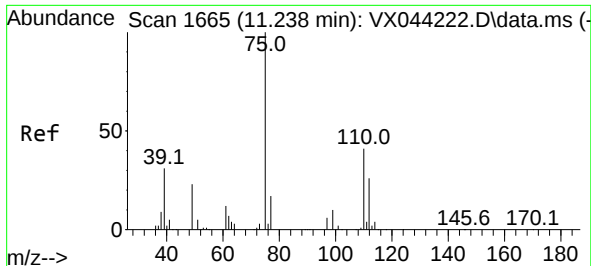
Tgt Ion:117 Resp: 186937
Ion Ratio Lower Upper
117 100
82 54.0 45.8 68.8
119 32.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

Tgt Ion:152 Resp: 72853
Ion Ratio Lower Upper
152 100
115 62.5 44.5 133.3
150 155.0 0.0 353.8

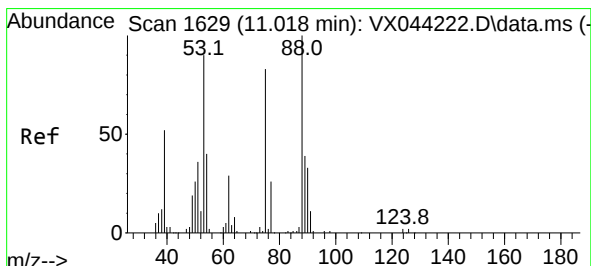
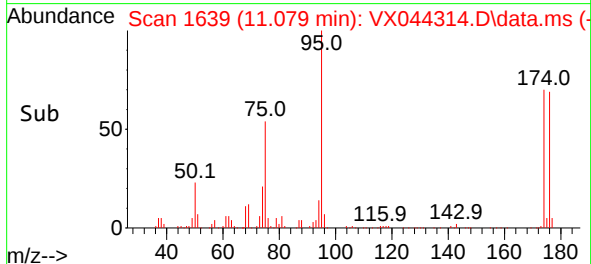
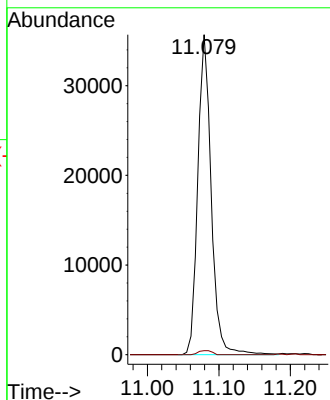
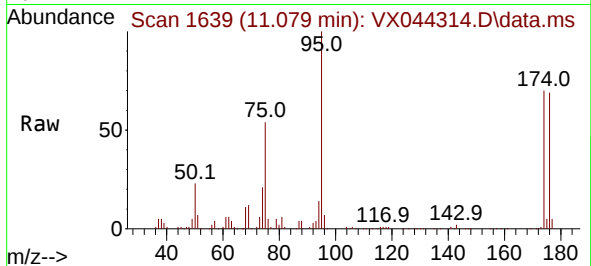




#76
1,2,3-Trichloropropane
Concen: 28.536 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

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

Tgt Ion: 75 Resp: 46418
Ion Ratio Lower Upper
75 100
77 1.3 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.226 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044314.D
Acq: 16 Dec 2024 11:29

Tgt Ion: 75 Resp: 46418
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

