

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036313.D
 Acq On : 24 Jun 2023 15:51
 Operator : JC/MD
 Sample : 03411-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

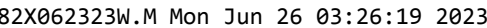
Quant Time: Jun 26 03:26:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

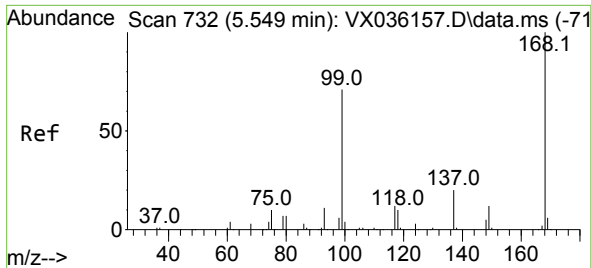
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	218765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	394517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	344393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165820	52.879	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.760%		
35) Dibromofluoromethane	5.385	113	126758	48.728	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.460%		
50) Toluene-d8	8.647	98	476905	49.085	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.160%		
62) 4-Bromofluorobenzene	11.079	95	159003	46.461	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.920%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	165	0.289	ug/l #	78
16) Acetone	2.392	43	1893	1.412	ug/l #	85
20) Methylene Chloride	2.800	84	1328	0.460	ug/l #	70
31) Cyclohexane	5.562	56	5082	1.265	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	18333	4.728	ug/l #	51
38) Carbon Tetrachloride	5.550	117	22882	6.461	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	2000	0.492	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	82625	25.755	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	82625	83.956	ug/l #	5

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

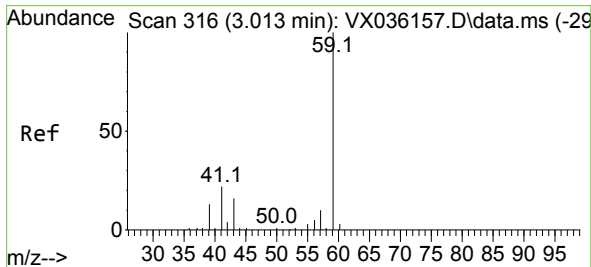
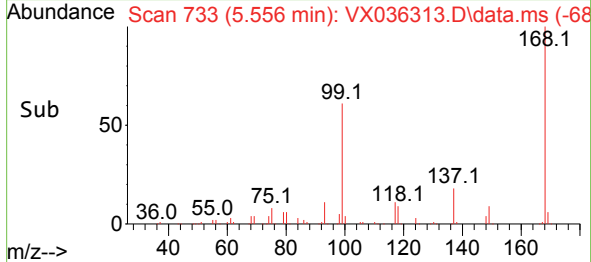
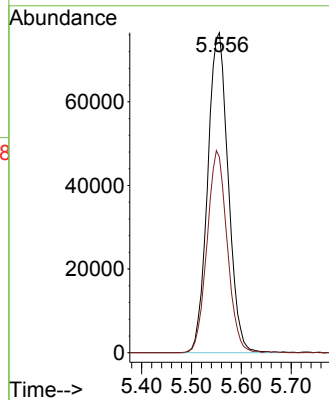
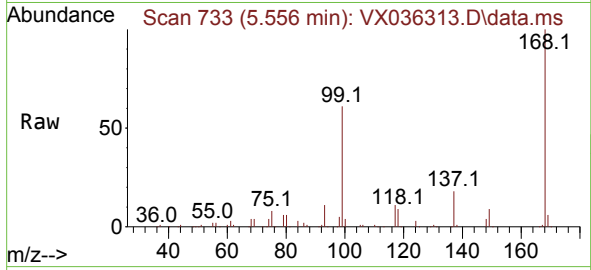




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

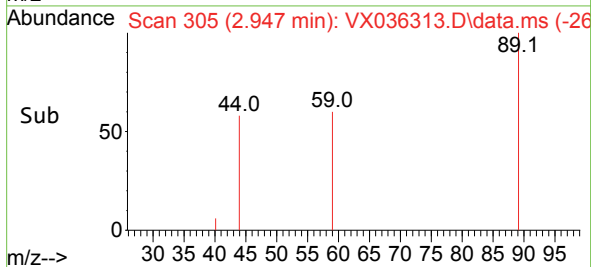
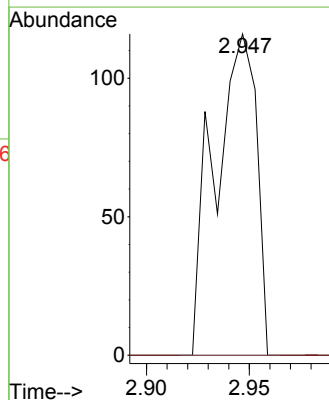
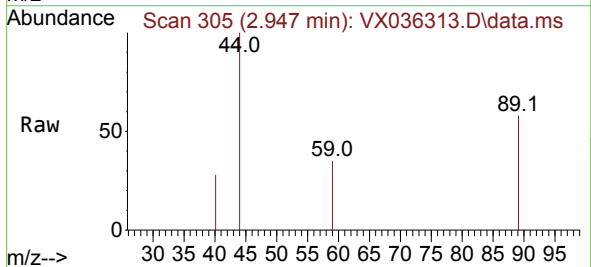
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

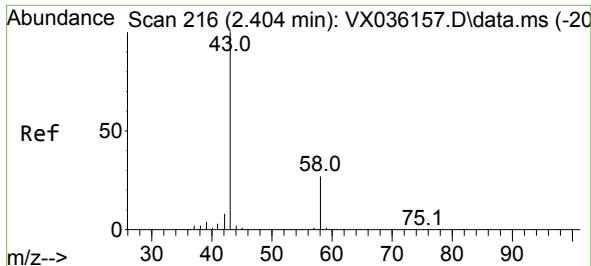
Tgt Ion:168 Resp: 218765
Ion Ratio Lower Upper
168 100
99 61.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.289 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.066 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

Tgt Ion: 59 Resp: 165
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

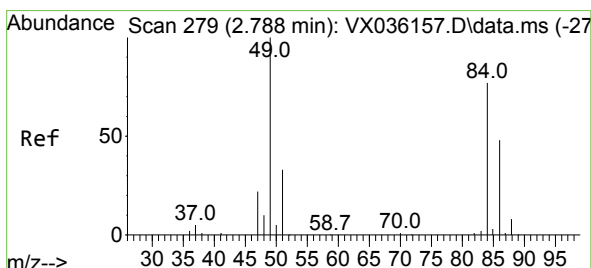
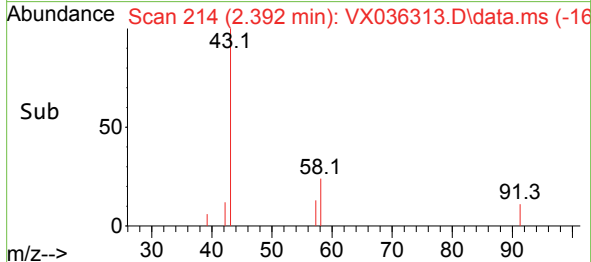
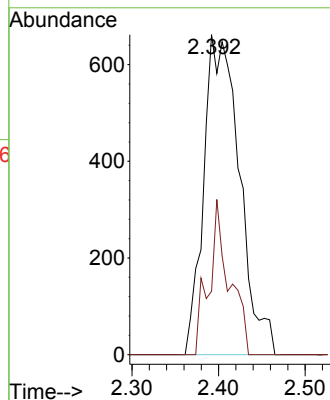
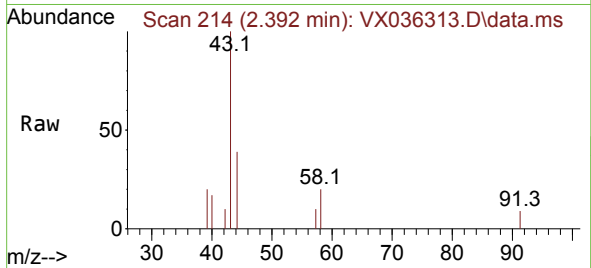




#16
Acetone
Concen: 1.412 ug/l
RT: 2.392 min Scan# 216
Delta R.T. -0.012 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

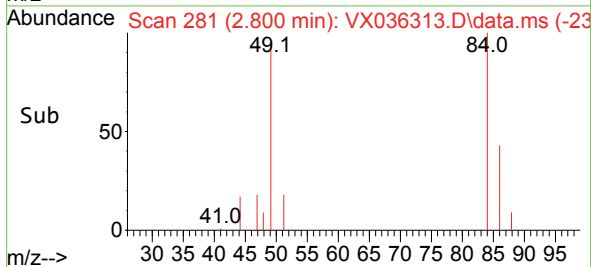
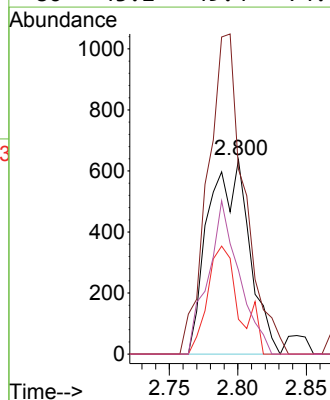
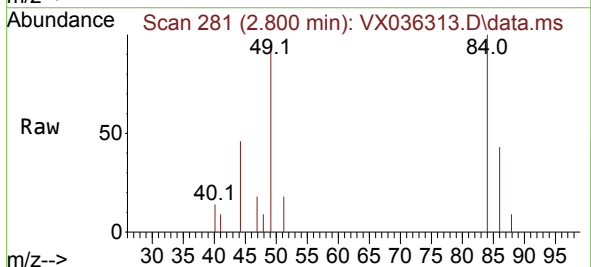
Instrument :
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ClientSampleId :
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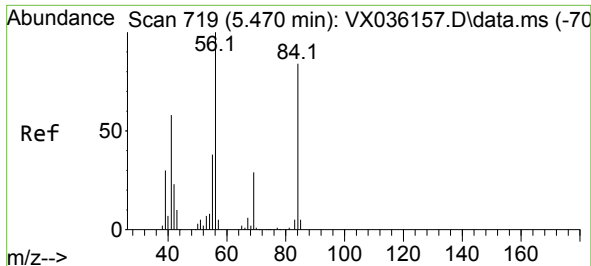
Tgt Ion: 43 Resp: 1893
Ion Ratio Lower Upper
43 100
58 19.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.460 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

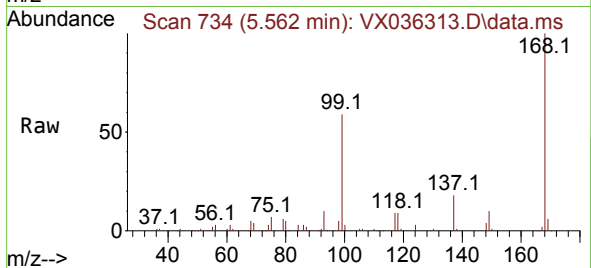
Tgt Ion: 84 Resp: 1328
Ion Ratio Lower Upper
84 100
49 95.1 103.6 155.4#
51 17.9 33.8 50.6#
86 43.2 49.4 74.0#



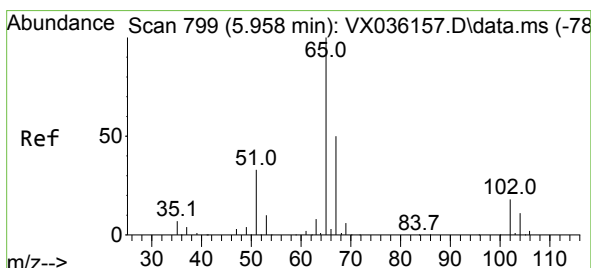
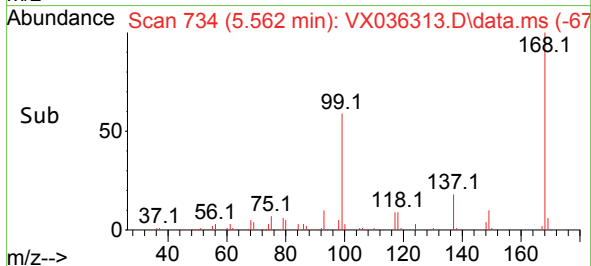
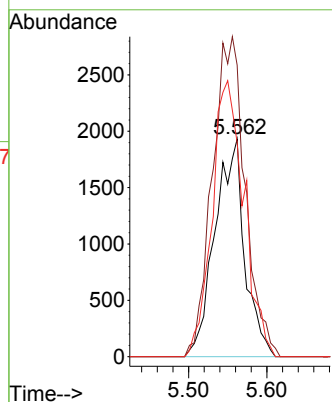


#31
Cyclohexane
Concen: 1.265 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

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

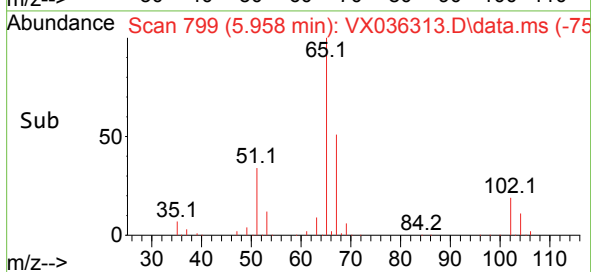
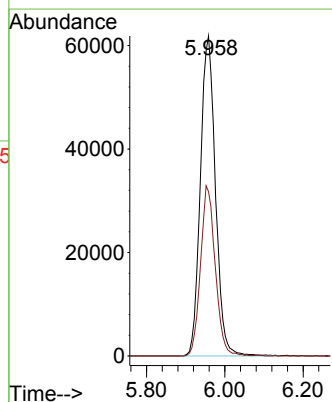
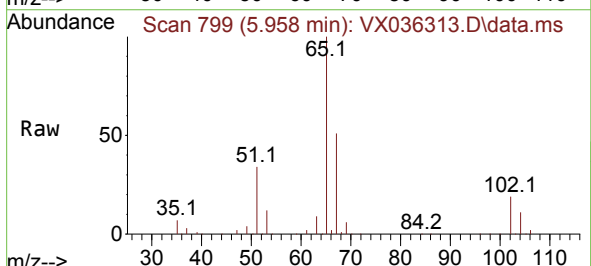


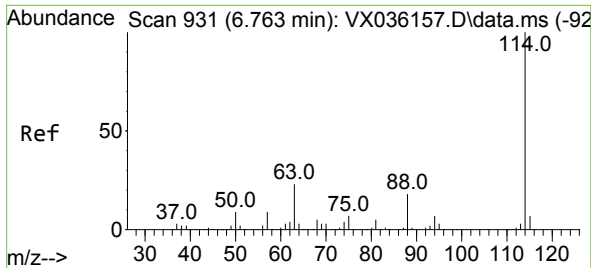
Tgt Ion: 56 Resp: 5082
Ion Ratio Lower Upper
56 100
69 133.9 23.4 35.2#
84 98.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 52.879 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

Tgt Ion: 65 Resp: 165820
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

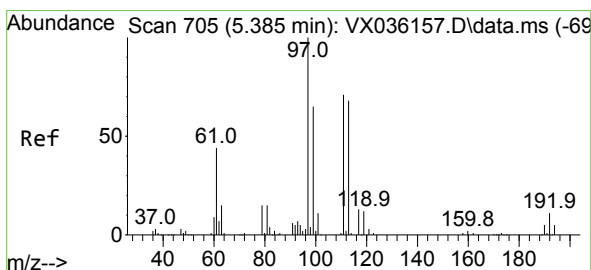
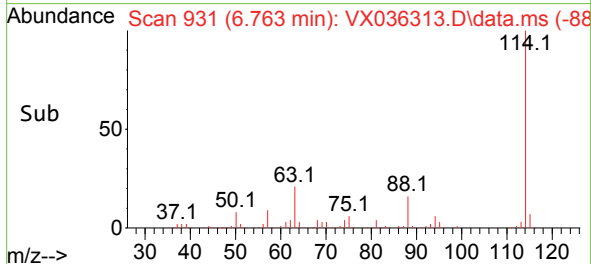
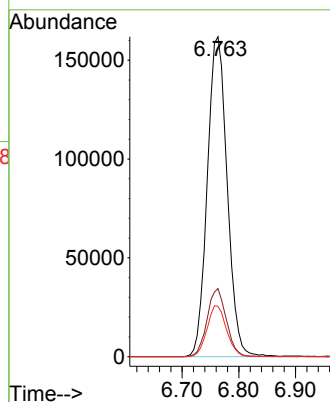
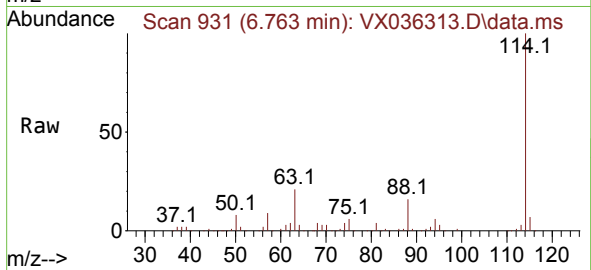




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

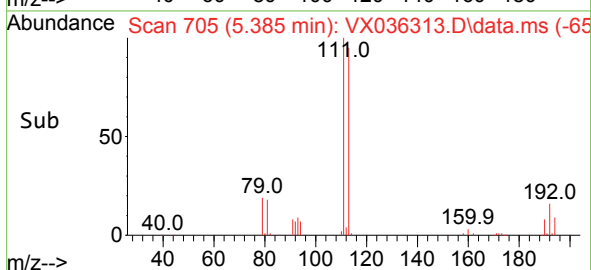
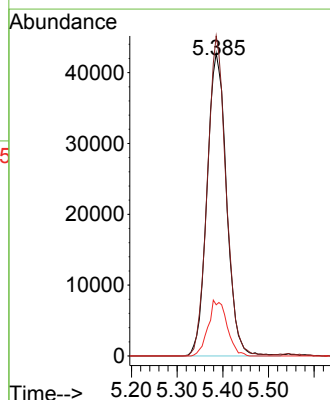
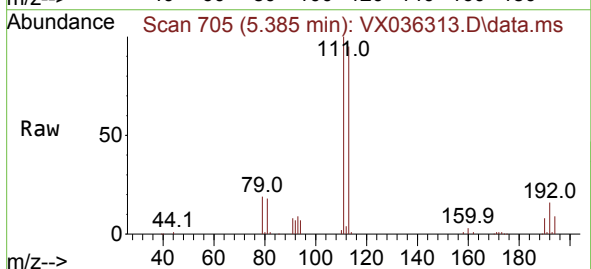
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ClientSampleId :
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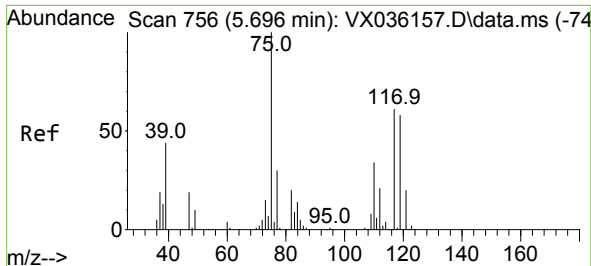
Tgt Ion:114 Resp: 394517
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 15.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.728 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

Tgt Ion:113 Resp: 126758
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 17.8 13.3 19.9

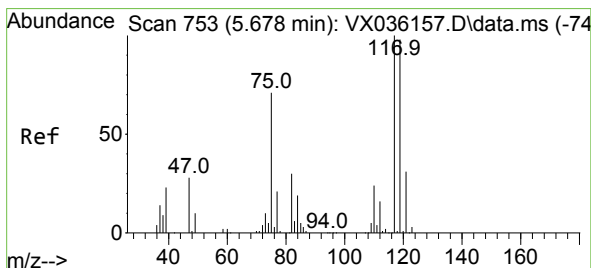
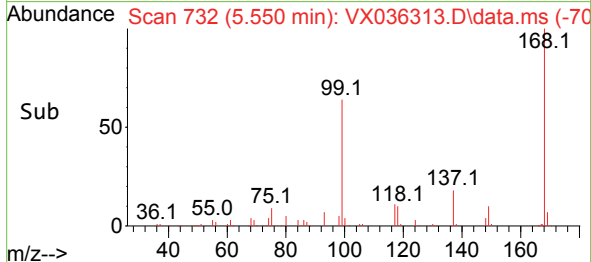
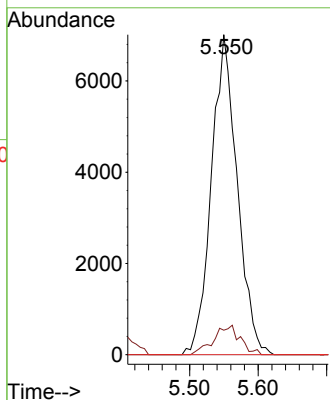
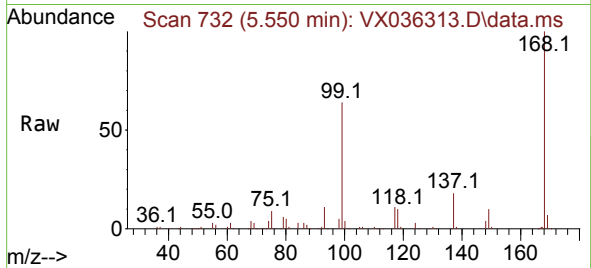




#36
1,1-Dichloropropene
Concen: 4.728 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

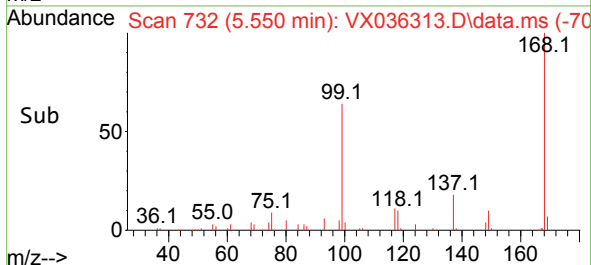
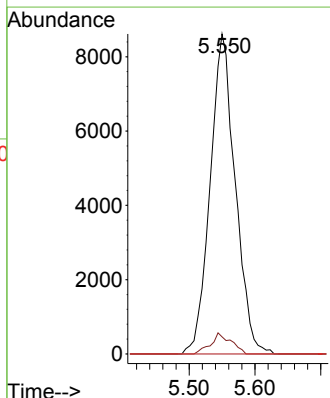
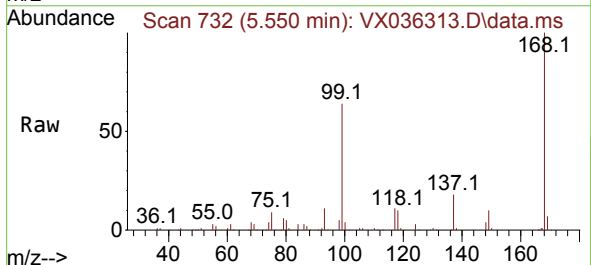
Instrument :
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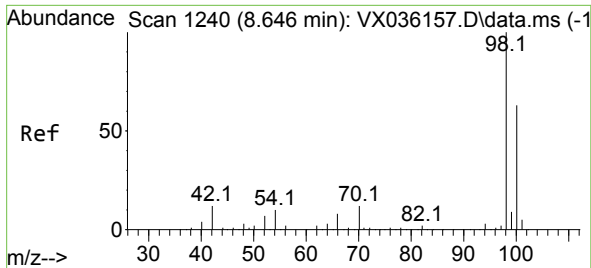
Tgt Ion: 75 Resp: 18333
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.461 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

Tgt Ion: 117 Resp: 22882
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

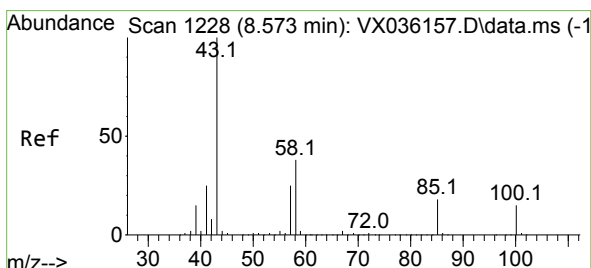
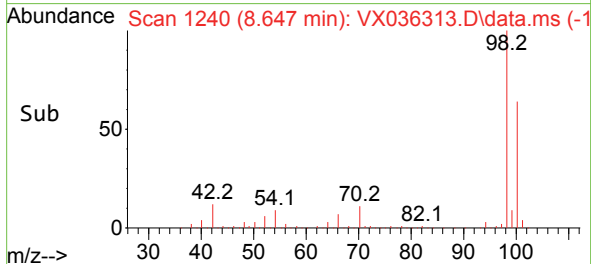
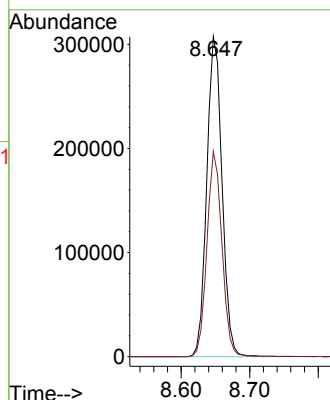
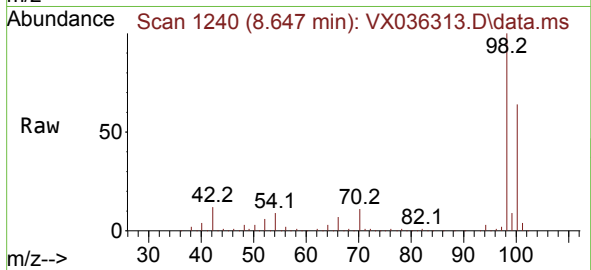




#50
Toluene-d8
Concen: 49.085 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

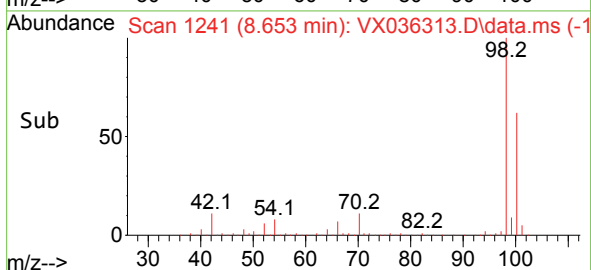
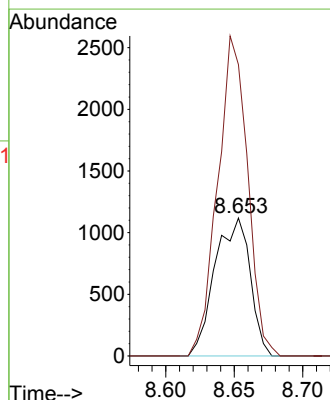
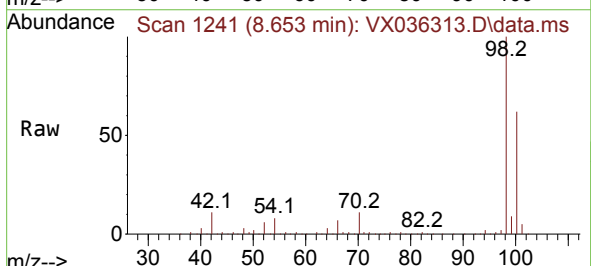
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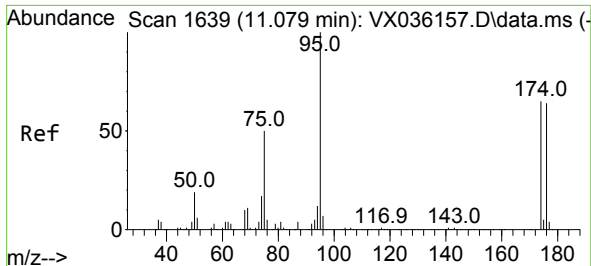
Tgt Ion: 98 Resp: 476905
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.492 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.080 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

Tgt Ion: 43 Resp: 2000
Ion Ratio Lower Upper
43 100
58 197.5 30.4 45.6#

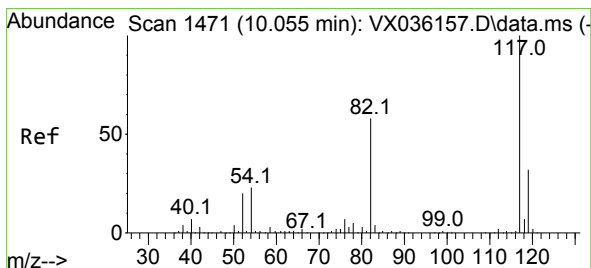
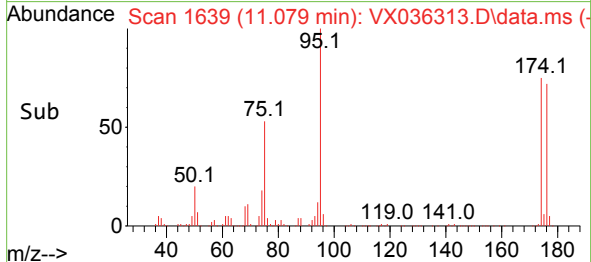
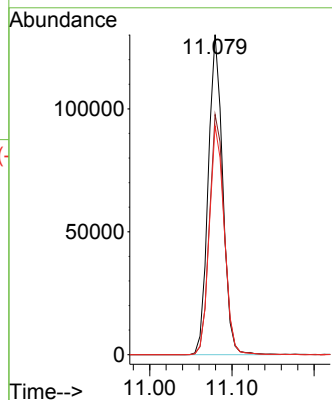
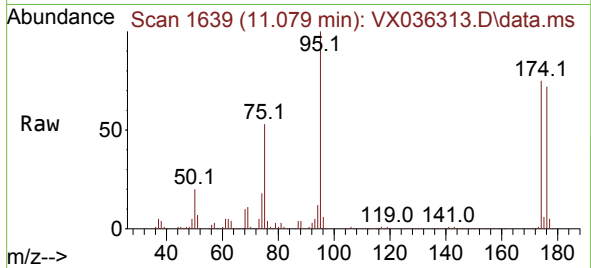




#62
4-Bromofluorobenzene
Concen: 46.461 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

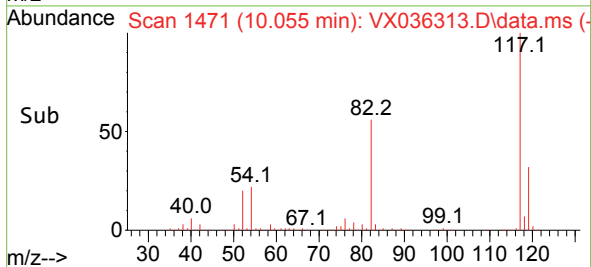
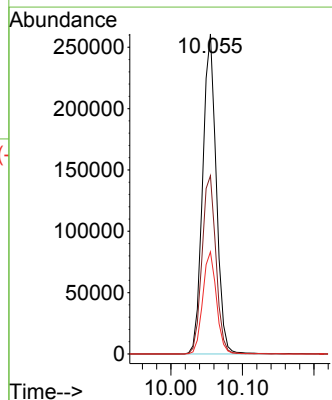
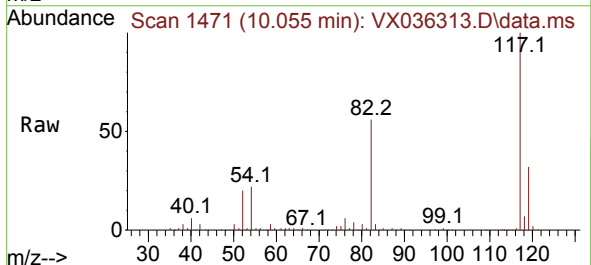
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

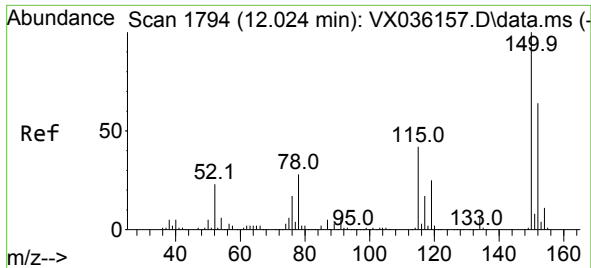
Tgt Ion: 95 Resp: 159003
Ion Ratio Lower Upper
95 100
174 77.0 0.0 135.6
176 74.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036313.D
Acq: 24 Jun 2023 15:51

Tgt Ion: 117 Resp: 344393
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 31.9 25.5 38.3

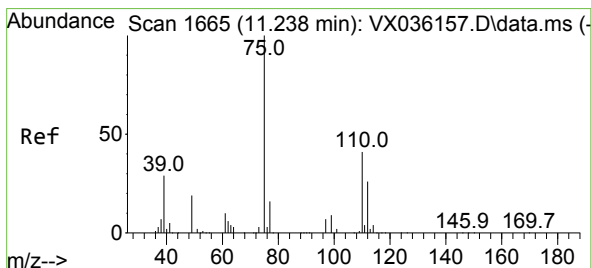
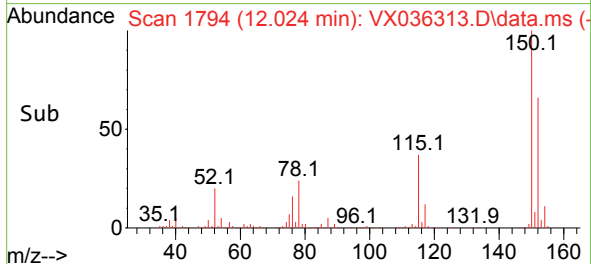
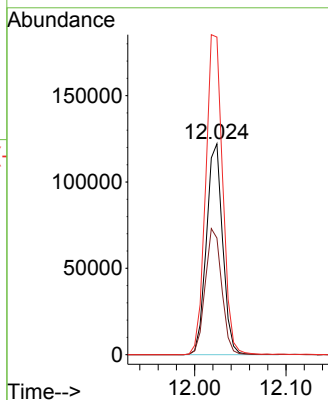
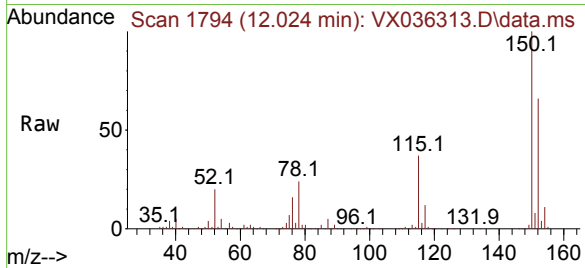




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX036313.D
 Acq: 24 Jun 2023 15:51

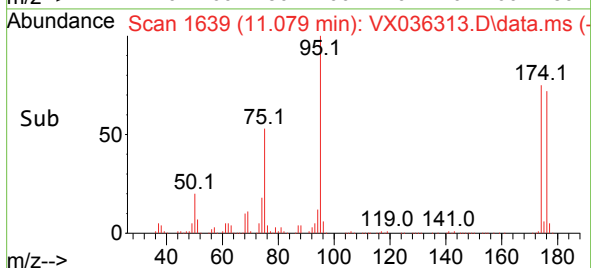
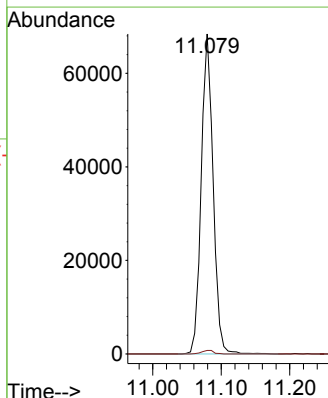
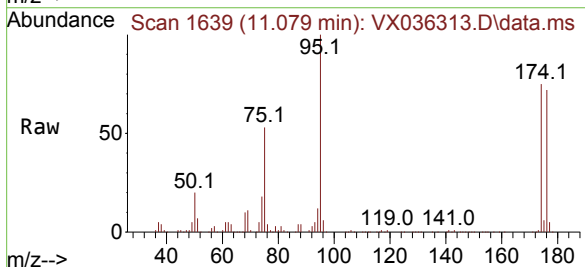
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

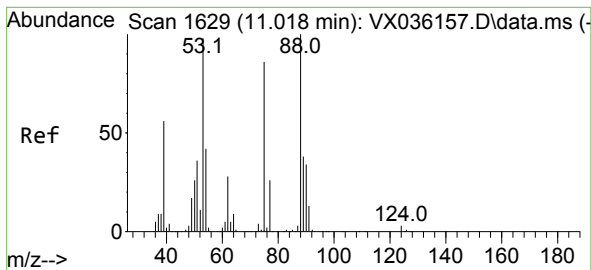
Tgt Ion:152 Resp: 150400
 Ion Ratio Lower Upper
 152 100
 115 60.6 43.3 129.9
 150 158.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.755 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036313.D
 Acq: 24 Jun 2023 15:51

Tgt Ion: 75 Resp: 82625
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.956 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036313.D
 Acq: 24 Jun 2023 15:51

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

Tgt Ion: 75 Resp: 82625
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

