

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020723\
 Data File : VX034045.D
 Acq On : 06 Feb 2023 22:07
 Operator : JC/MD
 Sample : 01455-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Feb 07 00:59:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 03 23:25:45 2023
 Response via : Initial Calibration

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

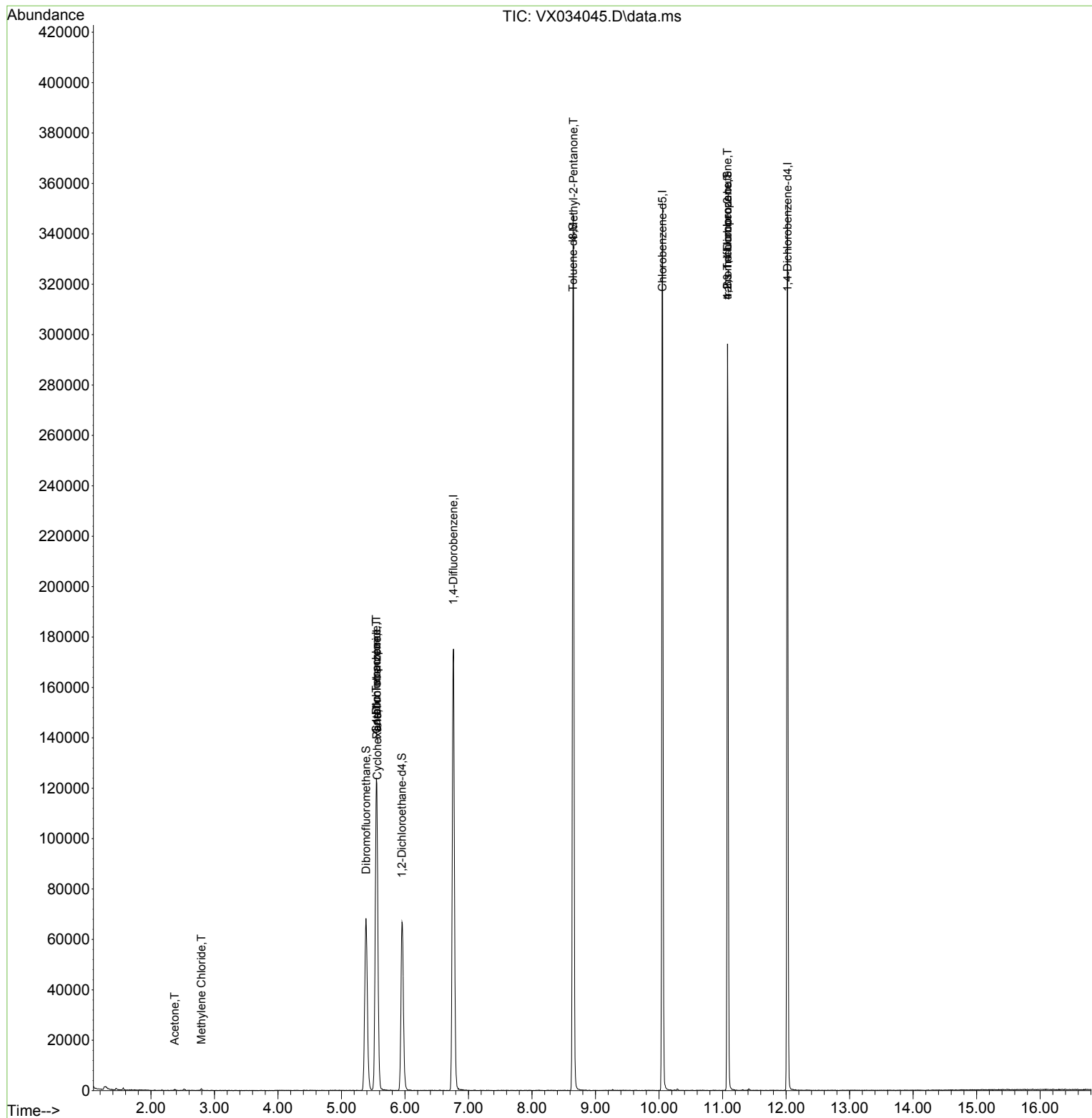
Internal Standards						
1) Pentafluorobenzene	5.556	168	137612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65446	49.332	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.660%
35) Dibromofluoromethane	5.385	113	59706	48.521	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.040%
50) Toluene-d8	8.647	98	218456	49.275	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.079	95	77399	48.881	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.760%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	442	0.789	ug/l	92
20) Methylene Chloride	2.794	84	304	0.237	ug/l #	88
31) Cyclohexane	5.562	56	1977	1.023	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7685	4.555	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11460	6.369	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	775	0.504	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35623	24.521	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	35623	75.516	ug/l #	8

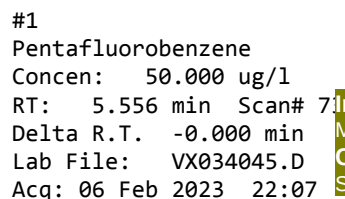
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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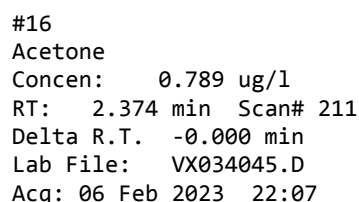
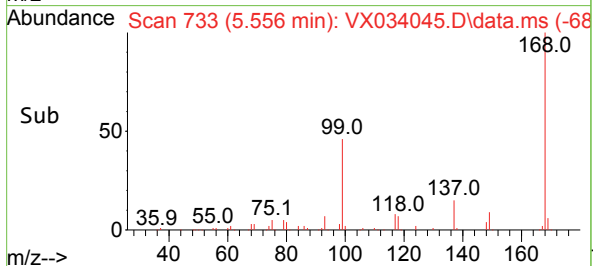
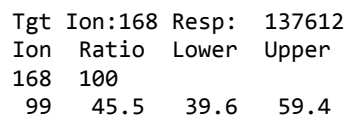
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MSVOA_X
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020423W.M
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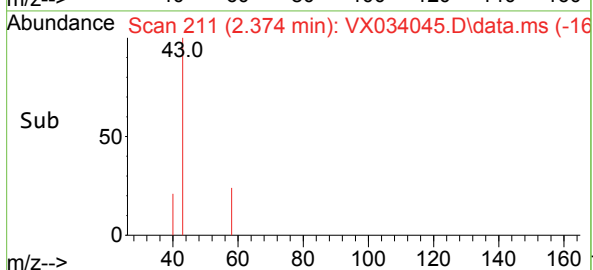
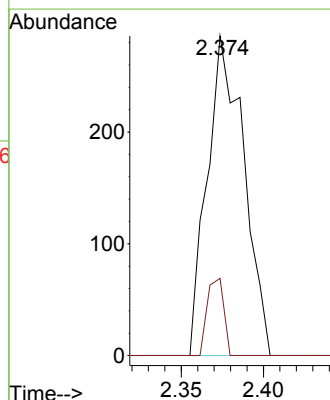


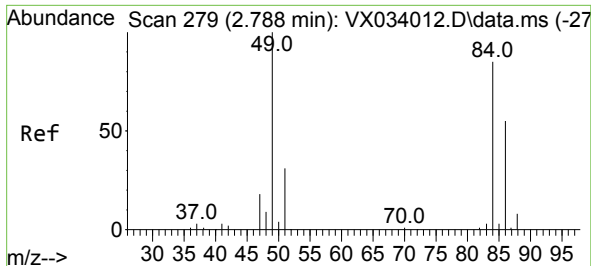


Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



Tgt	Ion: 43	Resp:	442
Ion	Ratio	Lower	Upper
43	100		
58	24.1	22.6	33.8

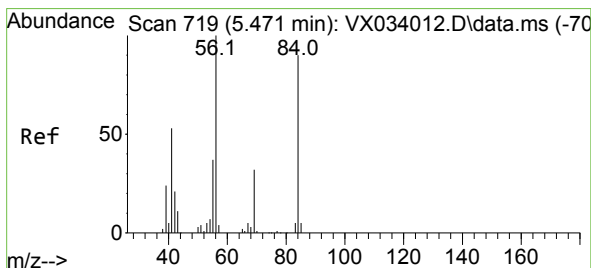
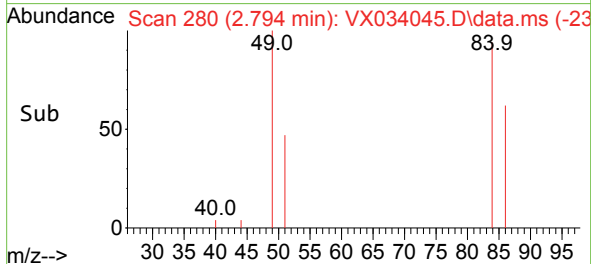
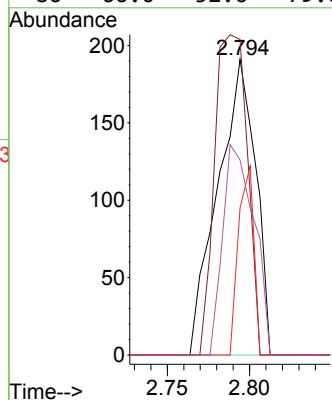
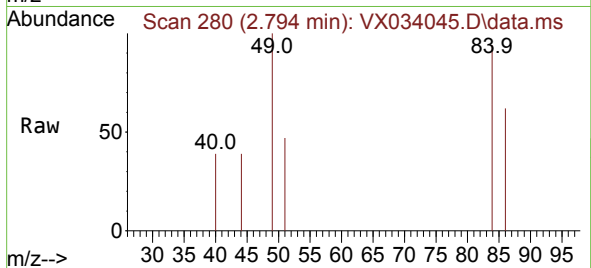




#20
Methylene Chloride
Concen: 0.237 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034045.D
Acq: 06 Feb 2023 22:07

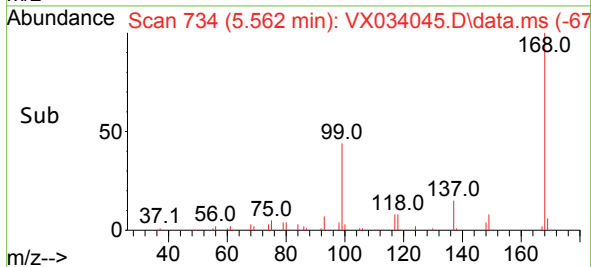
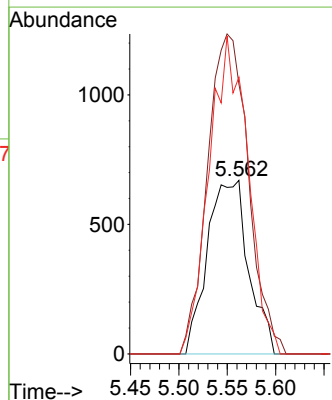
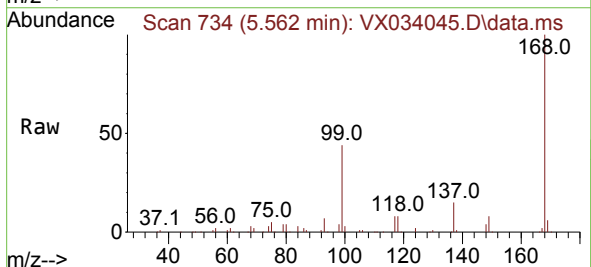
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

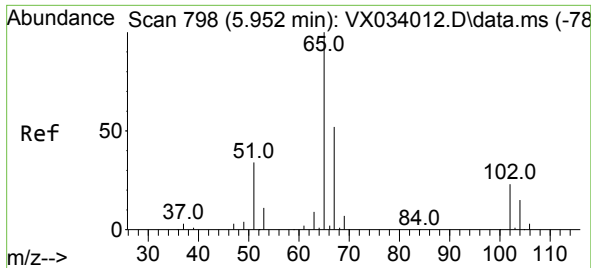
Tgt Ion:	84	Resp:	304
Ion	Ratio	Lower	Upper
84	100		
49	106.8	101.1	151.7
51	49.7	31.0	46.6#
86	66.0	52.6	79.0



#31
Cyclohexane
Concen: 1.023 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX034045.D
Acq: 06 Feb 2023 22:07

Tgt Ion:	56	Resp:	1977
Ion	Ratio	Lower	Upper
56	100		
69	155.4	24.6	37.0#
84	159.4	71.0	106.6#

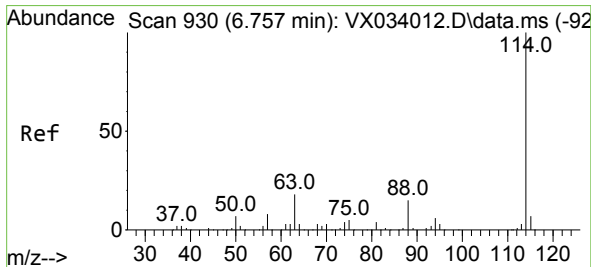
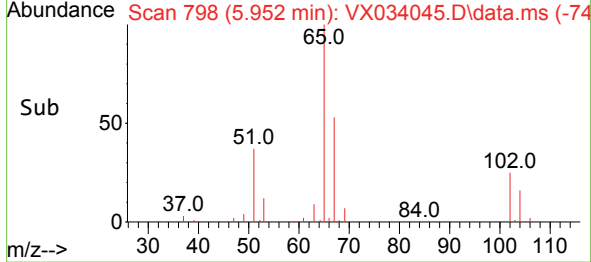
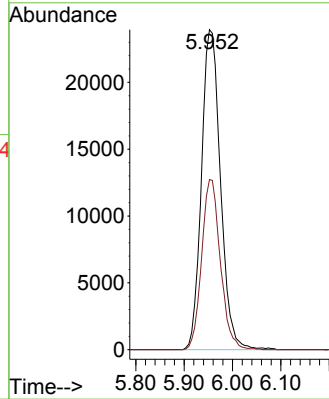
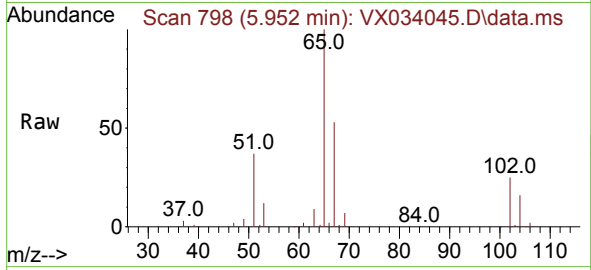




#33
 1,2-Dichloroethane-d4
 Concen: 49.332 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX034045.D
 Acq: 06 Feb 2023 22:07

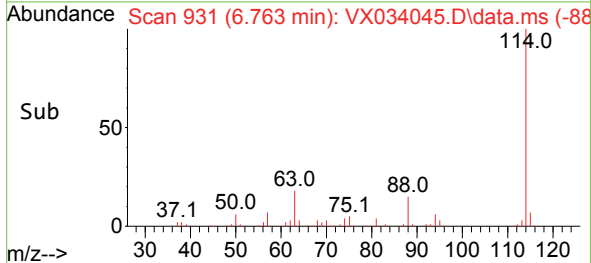
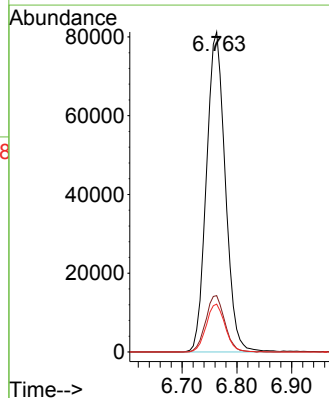
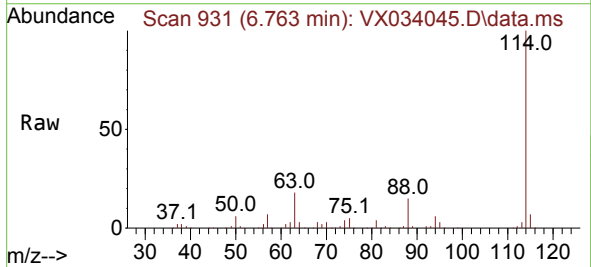
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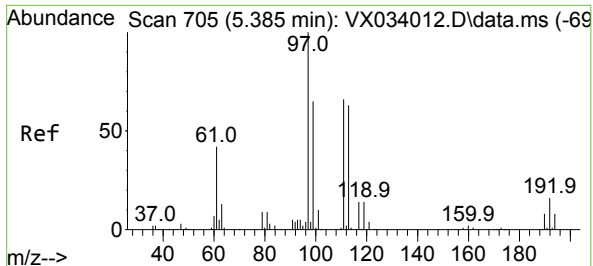
Tgt Ion: 65 Resp: 65446
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX034045.D
 Acq: 06 Feb 2023 22:07

Tgt Ion: 114 Resp: 193345
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 37.4
 88 15.0 0.0 30.6

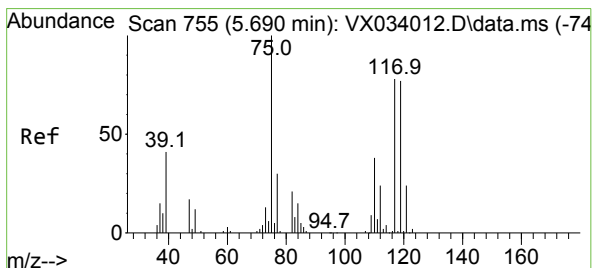
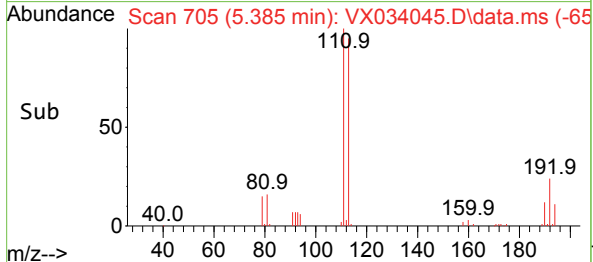
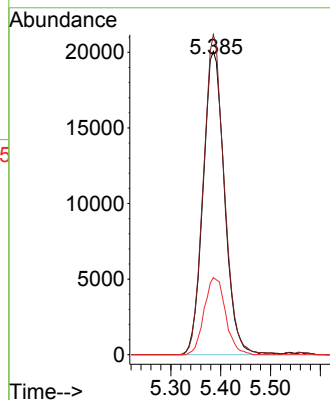
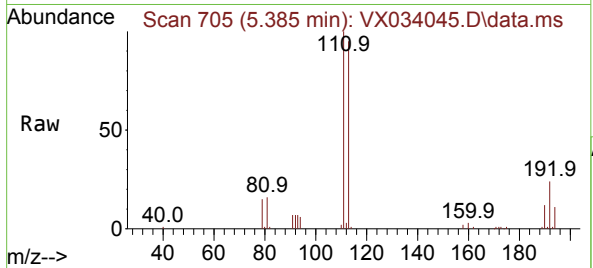




#35
Dibromofluoromethane
Concen: 48.521 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034045.D
Acq: 06 Feb 2023 22:07

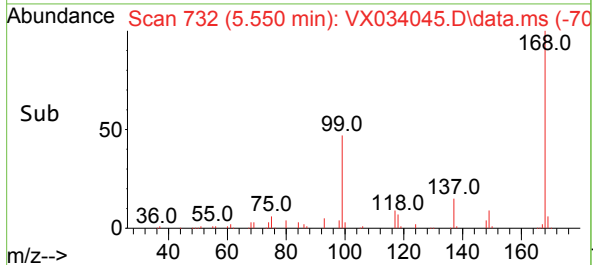
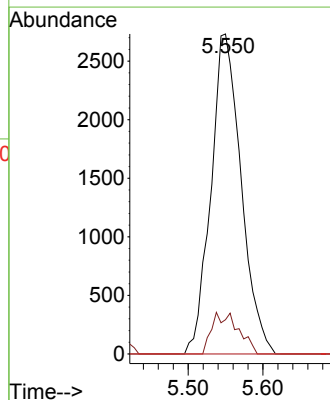
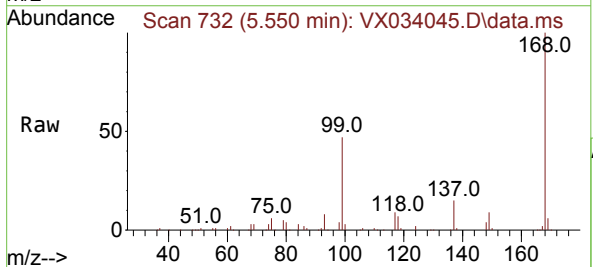
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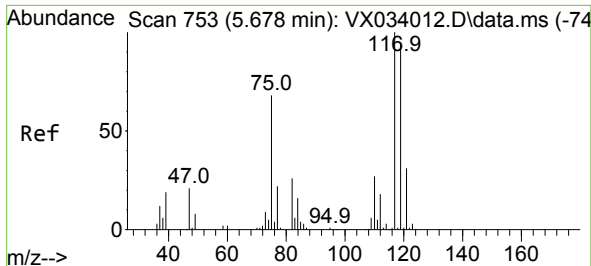
Tgt Ion:113 Resp: 59706
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.6
192 25.4 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.555 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034045.D
Acq: 06 Feb 2023 22:07

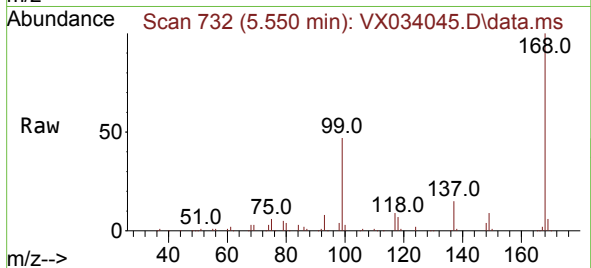
Tgt Ion: 75 Resp: 7685
Ion Ratio Lower Upper
75 100
110 11.3 18.8 56.4#
77 0.0 25.1 37.7#



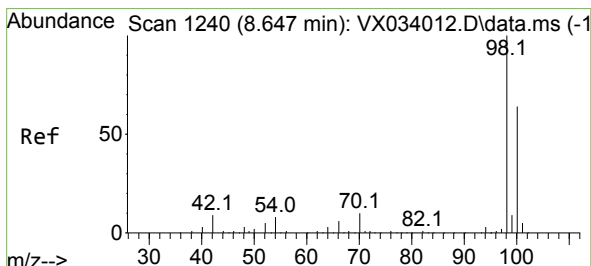
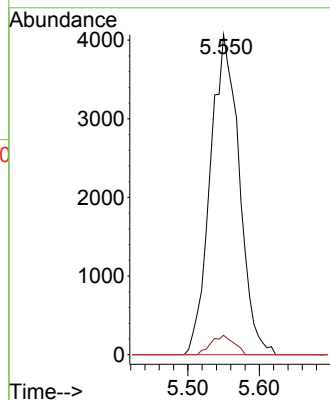
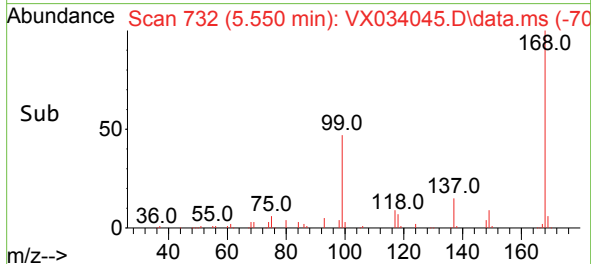


#38
Carbon Tetrachloride
Concen: 6.369 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034045.D
Acq: 06 Feb 2023 22:07

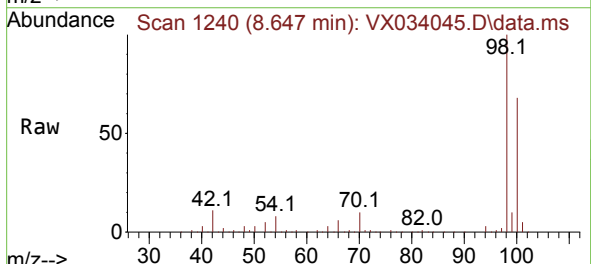
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6



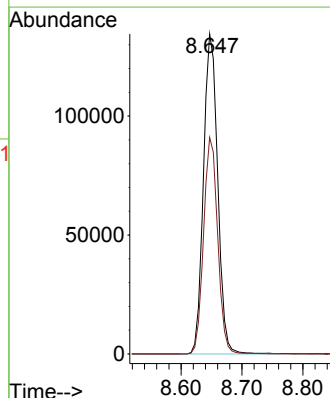
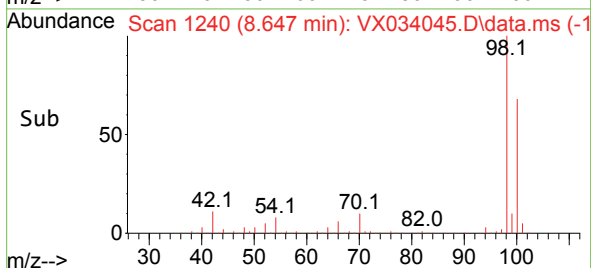
Tgt Ion:117 Resp: 11460
Ion Ratio Lower Upper
117 100
119 6.0 78.0 117.0#
121 0.0 24.4 36.6#

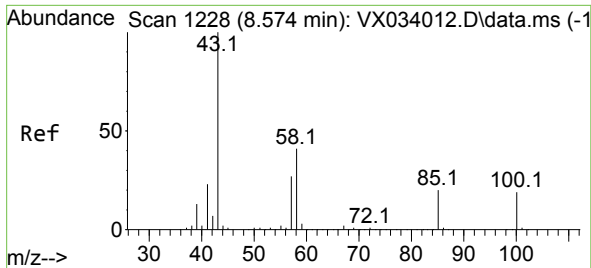


#50
Toluene-d8
Concen: 49.275 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034045.D
Acq: 06 Feb 2023 22:07



Tgt Ion: 98 Resp: 218456
Ion Ratio Lower Upper
98 100
100 67.1 53.6 80.4

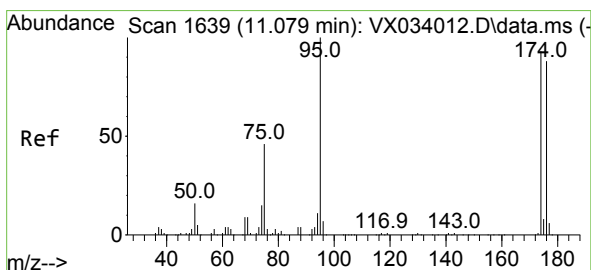
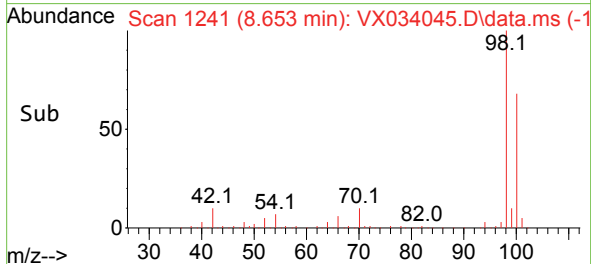
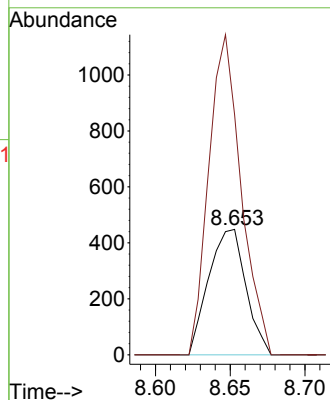
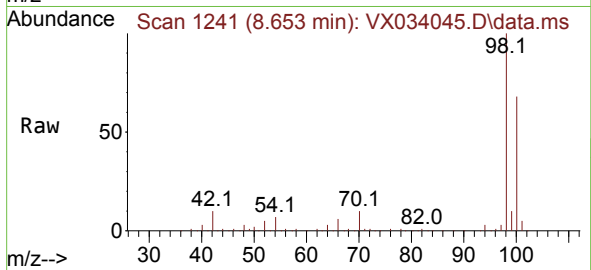




#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX034045.D
Acq: 06 Feb 2023 22:07

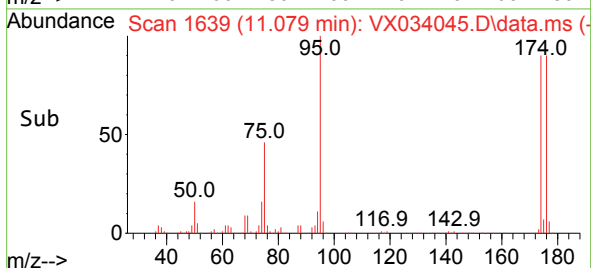
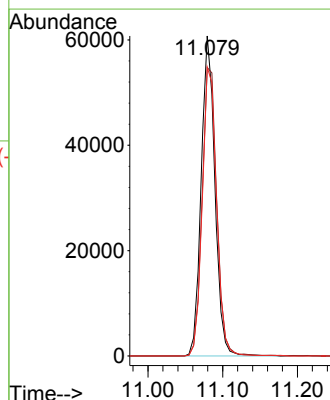
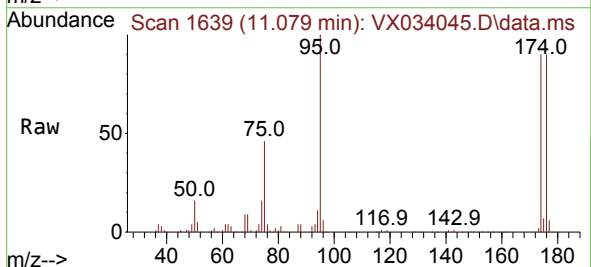
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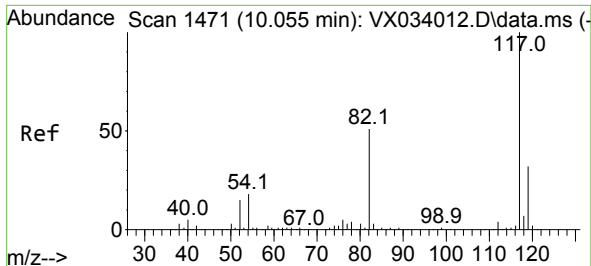
Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
58 221.9 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 48.881 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034045.D
Acq: 06 Feb 2023 22:07

Tgt Ion: 95 Resp: 77399
Ion Ratio Lower Upper
95 100
174 96.4 0.0 184.4
176 94.1 0.0 178.8

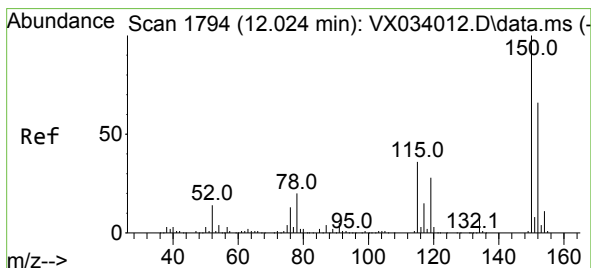
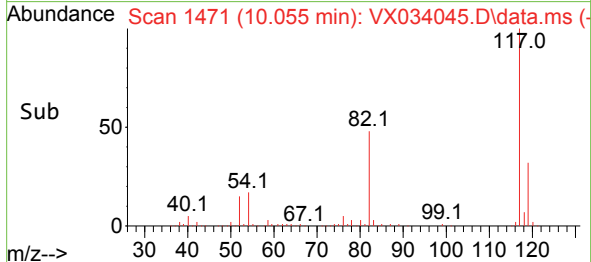
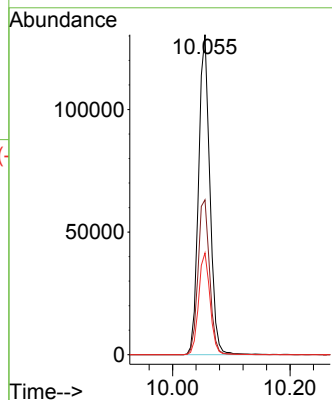
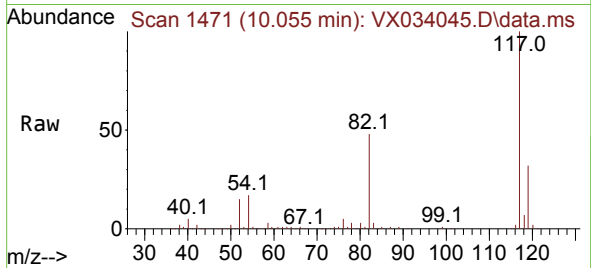




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034045.D
Acq: 06 Feb 2023 22:07

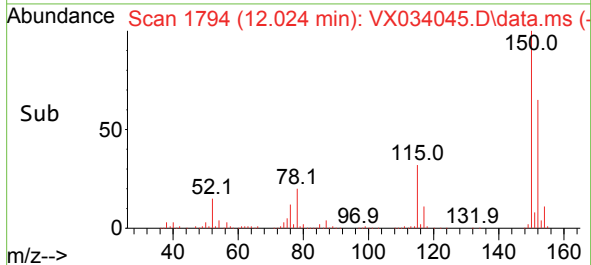
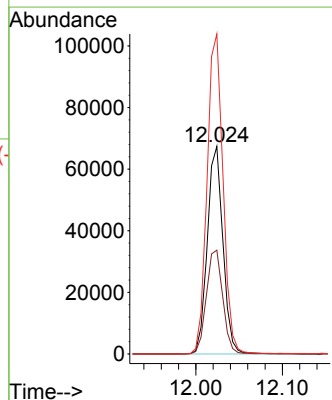
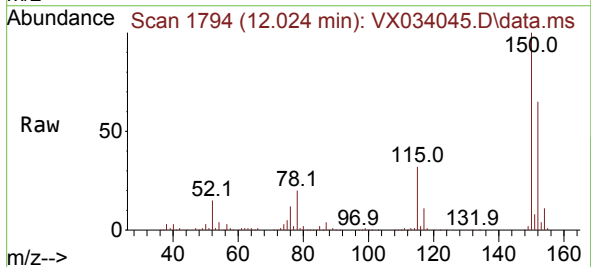
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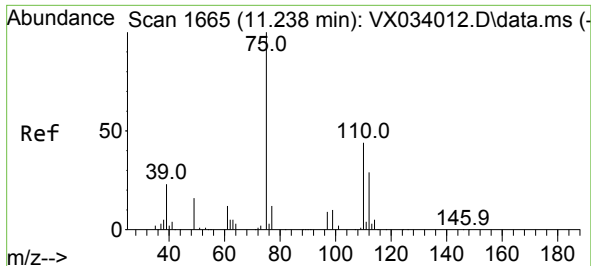
Tgt Ion:117 Resp: 173743
Ion Ratio Lower Upper
117 100
82 48.4 40.6 60.8
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034045.D
Acq: 06 Feb 2023 22:07

Tgt Ion:152 Resp: 84606
Ion Ratio Lower Upper
152 100
115 52.6 38.7 116.1
150 156.9 0.0 348.2

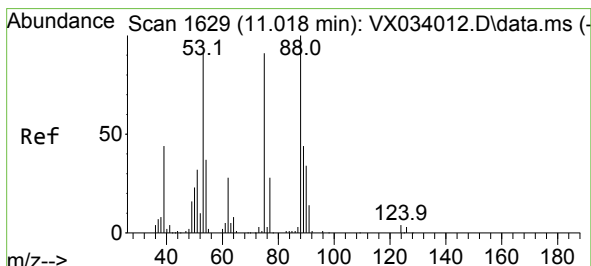
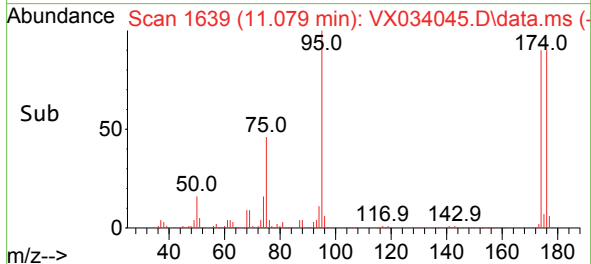
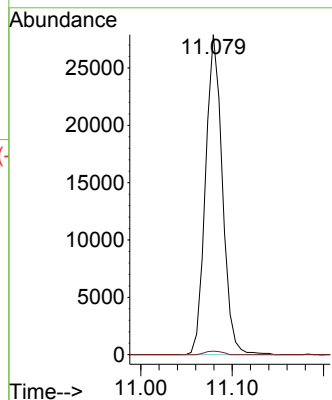
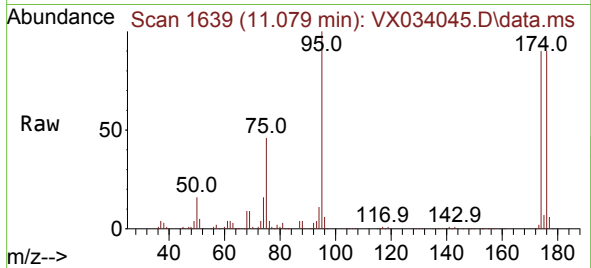




#76
1,2,3-Trichloropropane
Concen: 24.521 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX034045.D
Acq: 06 Feb 2023 22:07

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

Tgt Ion: 75 Resp: 35623
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034045.D
Acq: 06 Feb 2023 22:07

Tgt Ion: 75 Resp: 35623
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

