

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032259.D
 Acq On : 20 Oct 2022 13:47
 Operator : JC/MD
 Sample : N5146-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Oct 21 01:24:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

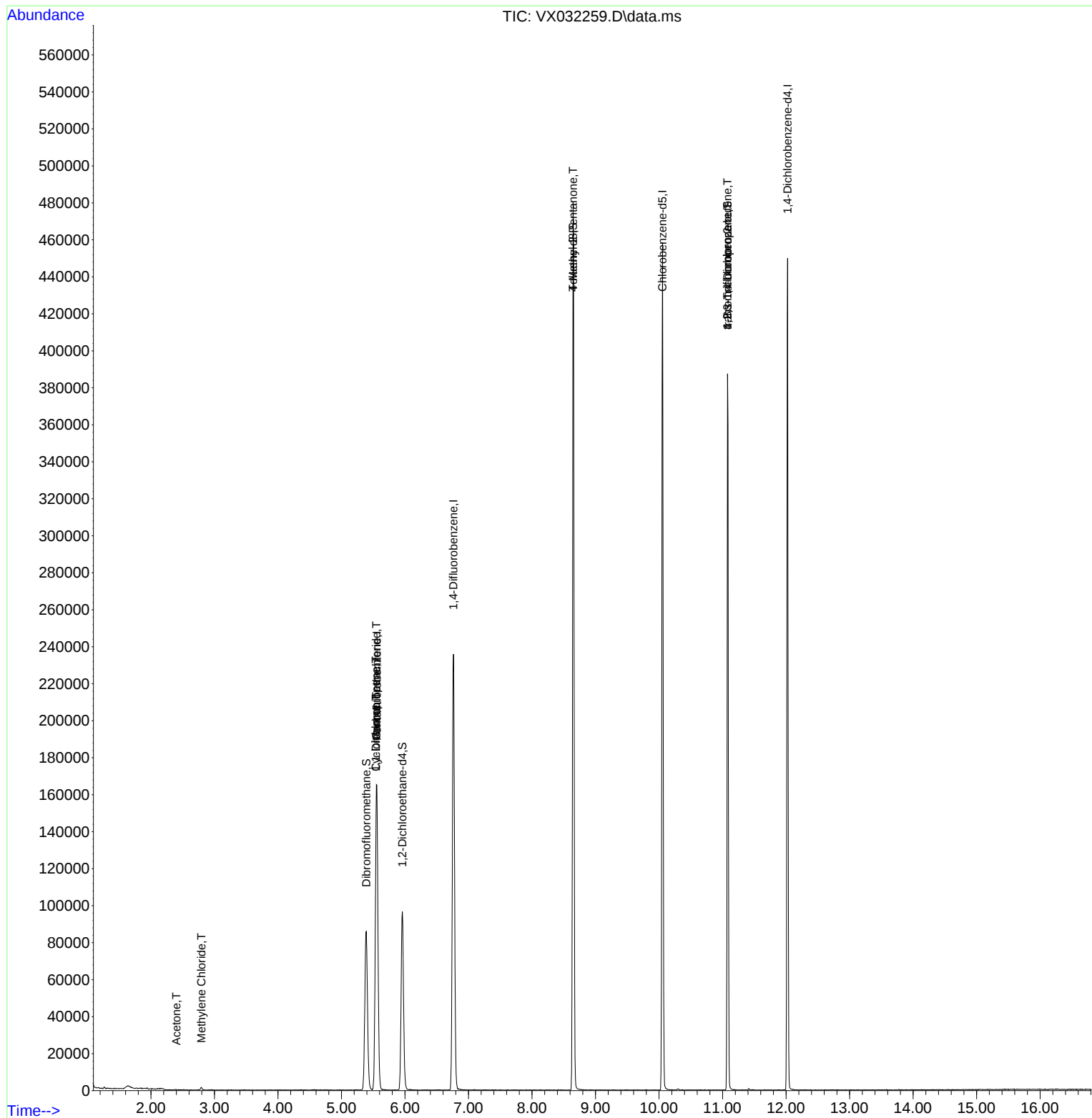
Internal Standards						
1) Pentafluorobenzene	5.556	168	154696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237681	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96874	48.138	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.280%
35) Dibromofluoromethane	5.391	113	74784	45.216	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.440%
50) Toluene-d8	8.647	98	283298	47.584	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.160%
62) 4-Bromofluorobenzene	11.079	95	98869	45.350	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.700%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	284	0.435	ug/l #	44
20) Methylene Chloride	2.794	84	739	0.441	ug/l #	89
31) Cyclohexane	5.544	56	3311	1.439	ug/l #	16
36) 1,1-Dichloropropene	5.544	75	12249	5.757	ug/l #	50
38) Carbon Tetrachloride	5.550	117	16795	7.478	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1255	0.612	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54160	30.602	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	54160	93.591	ug/l #	6

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

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STORAGE-BLANK-SOIL-REF-6

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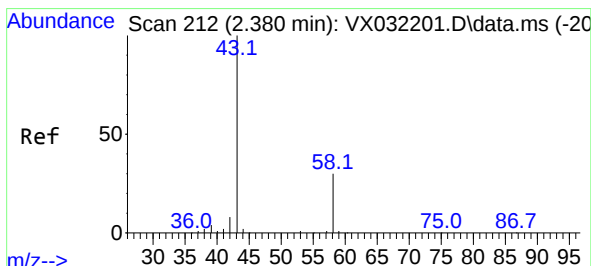
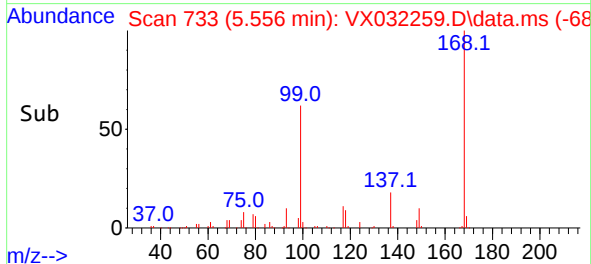
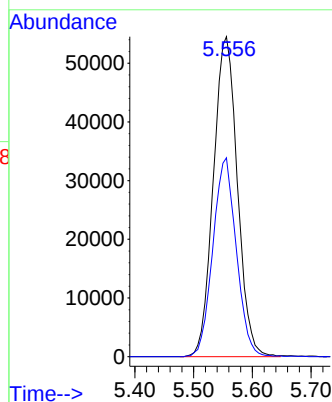
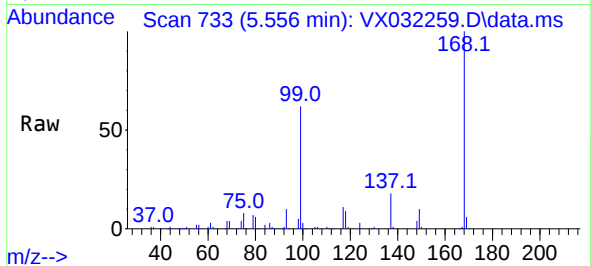




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032259.D
Acq: 20 Oct 2022 13:47

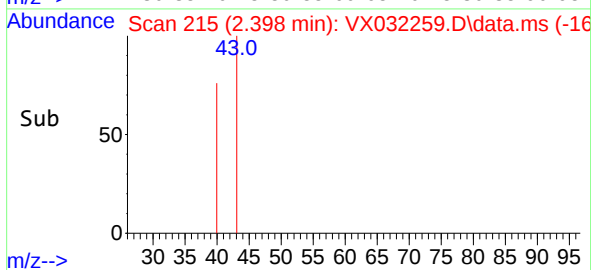
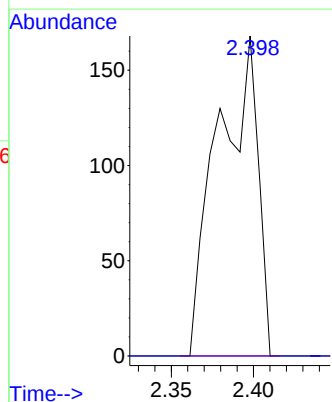
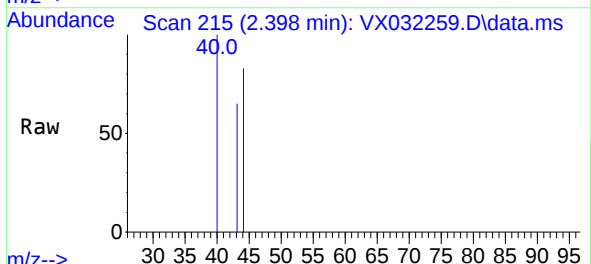
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

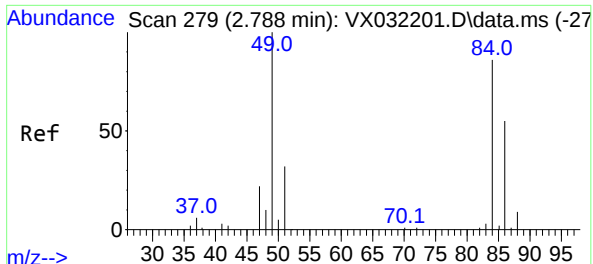
Tgt Ion:168 Resp: 154696
Ion Ratio Lower Upper
168 100
99 62.1 44.8 67.2



#16
Acetone
Concen: 0.435 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX032259.D
Acq: 20 Oct 2022 13:47

Tgt Ion: 43 Resp: 284
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#





#20

Methylene Chloride

Concen: 0.441 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032259.D

Acq: 20 Oct 2022 13:47

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 84 Resp: 739

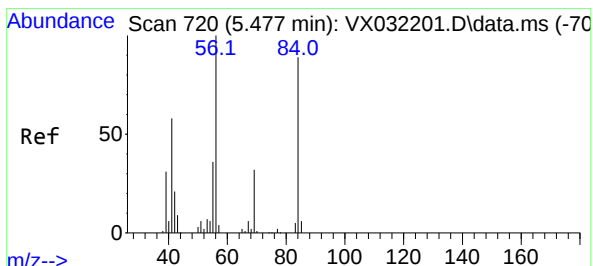
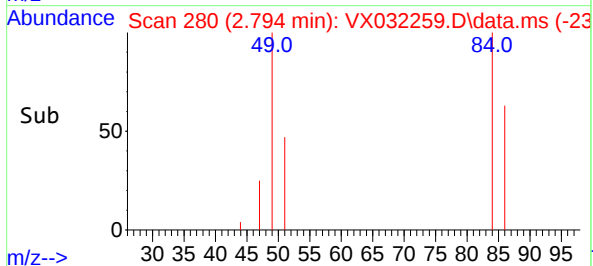
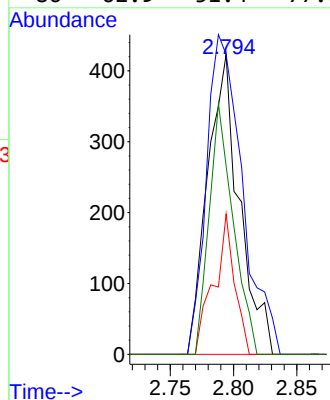
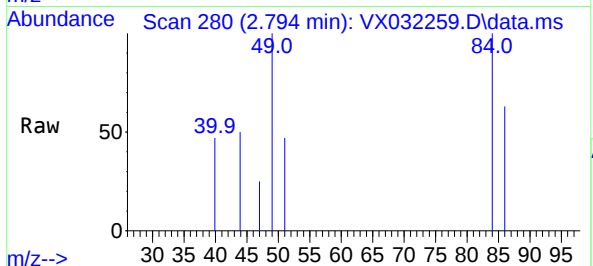
Ion Ratio Lower Upper

84 100

49 100.0 92.6 139.0

51 46.8 29.2 43.8#

86 62.9 51.4 77.0



#31

Cyclohexane

Concen: 1.439 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.067 min

Lab File: VX032259.D

Acq: 20 Oct 2022 13:47

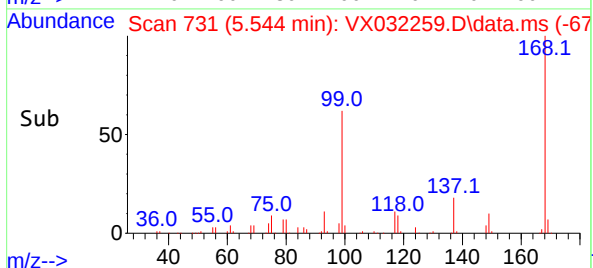
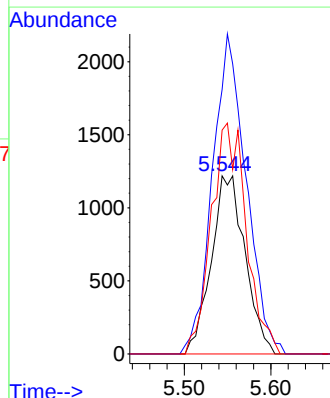
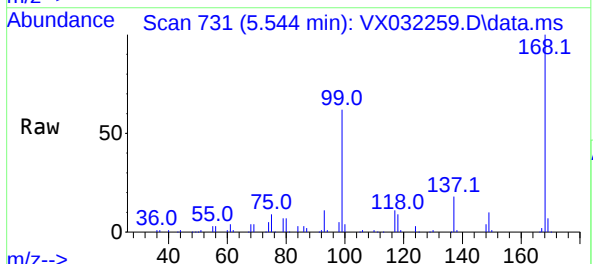
Tgt Ion: 56 Resp: 3311

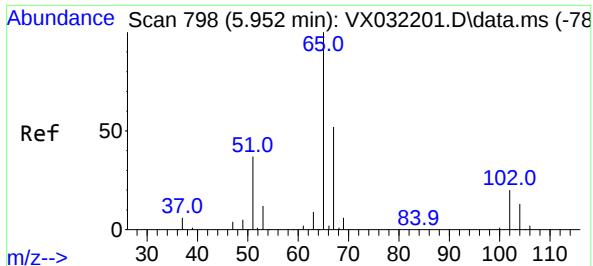
Ion Ratio Lower Upper

56 100

69 148.5 25.4 38.0#

84 125.7 71.2 106.8#

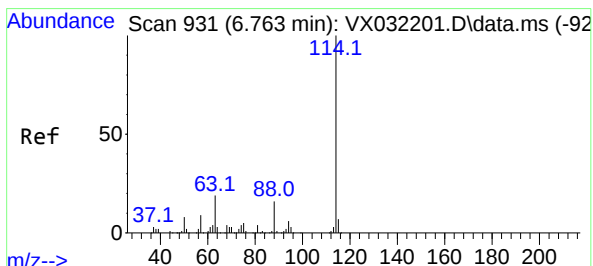
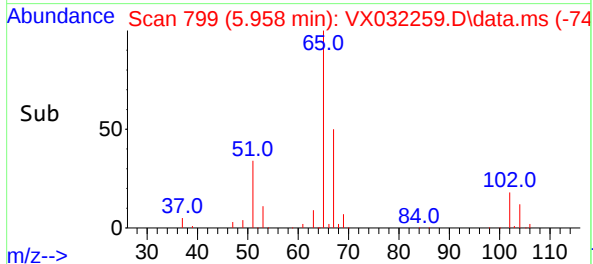
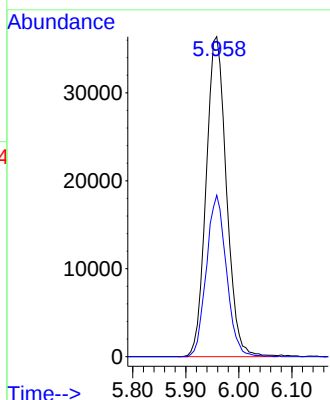
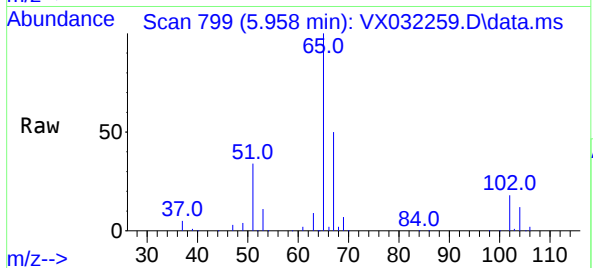




#33
 1,2-Dichloroethane-d4
 Concen: 48.138 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX032259.D
 Acq: 20 Oct 2022 13:47

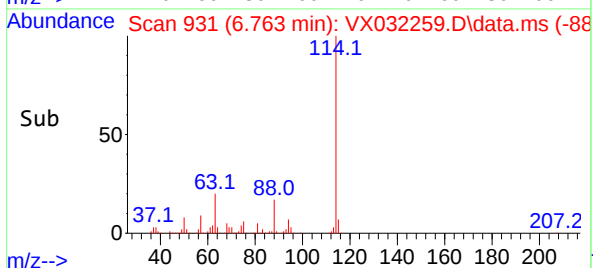
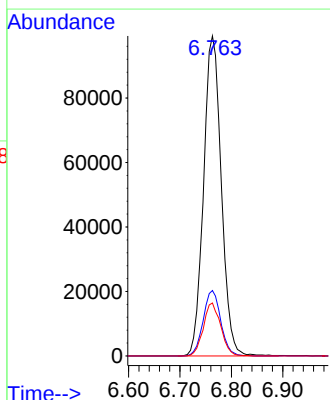
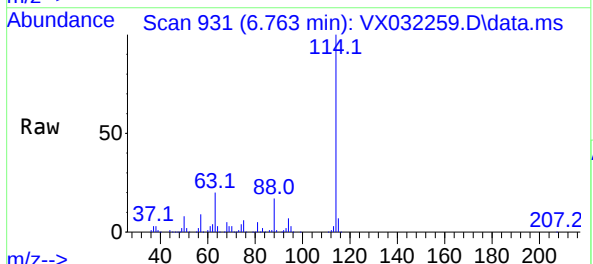
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

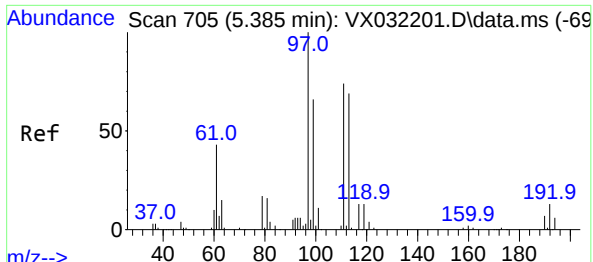
Tgt Ion: 65 Resp: 96874
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX032259.D
 Acq: 20 Oct 2022 13:47

Tgt Ion: 114 Resp: 237681
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.6
 88 16.5 0.0 32.6

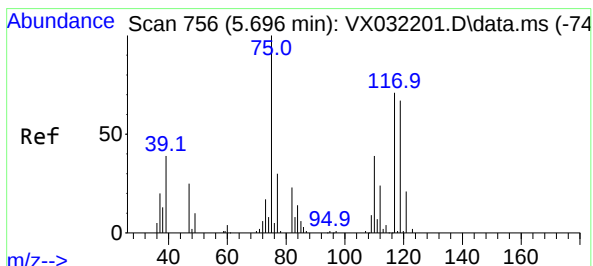
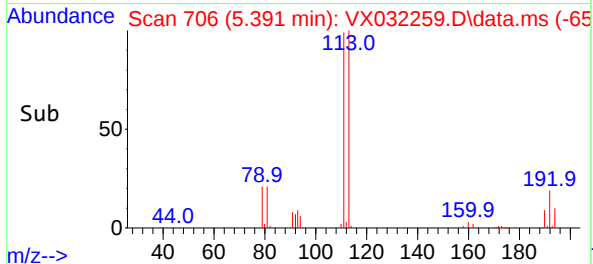
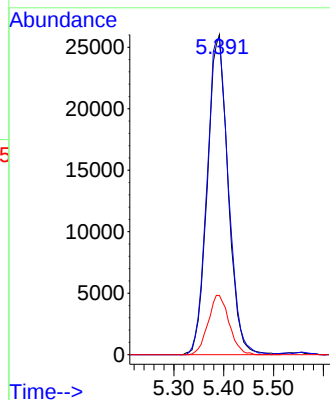
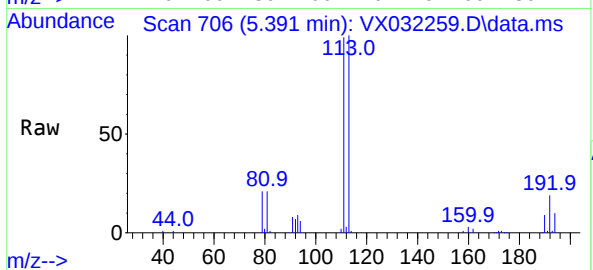




#35
Dibromofluoromethane
Concen: 45.216 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032259.D
Acq: 20 Oct 2022 13:47

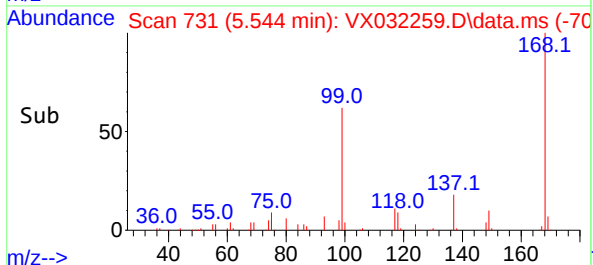
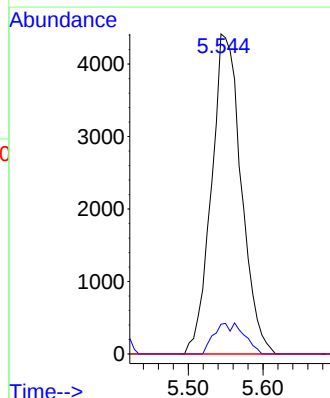
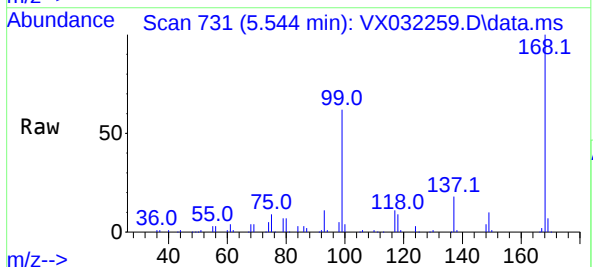
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

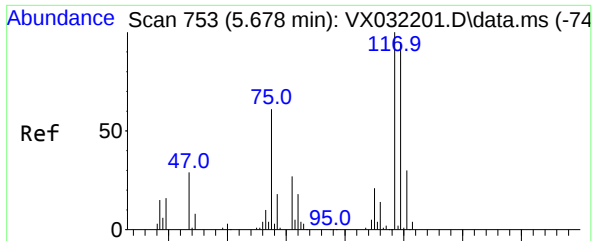
Tgt Ion:113 Resp: 74784
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 18.9 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.757 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX032259.D
Acq: 20 Oct 2022 13:47

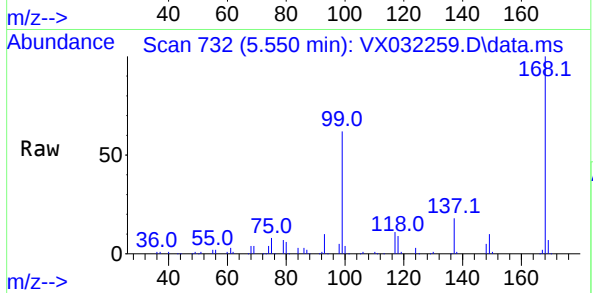
Tgt Ion: 75 Resp: 12249
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.0#
77 0.0 24.7 37.1#



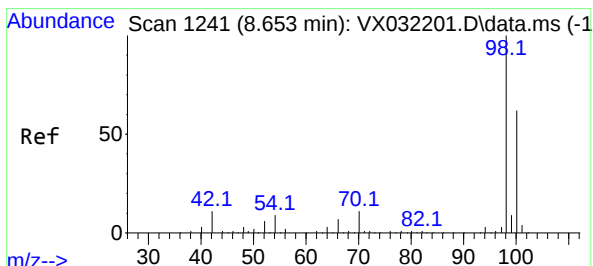
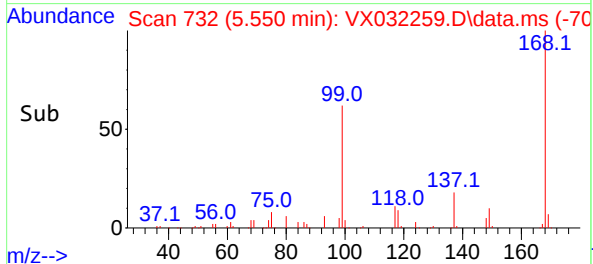
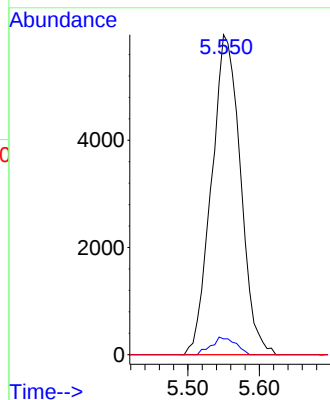


#38
Carbon Tetrachloride
Concen: 7.478 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032259.D
Acq: 20 Oct 2022 13:47

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

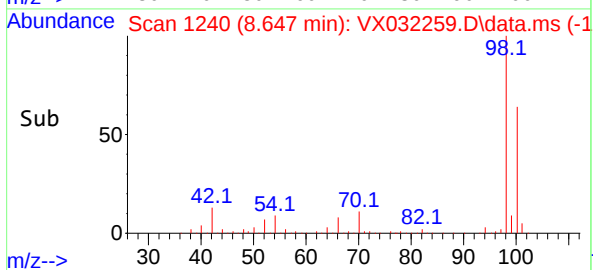
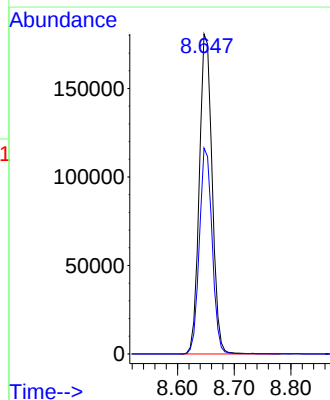
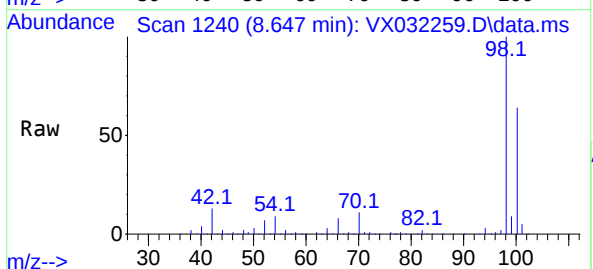


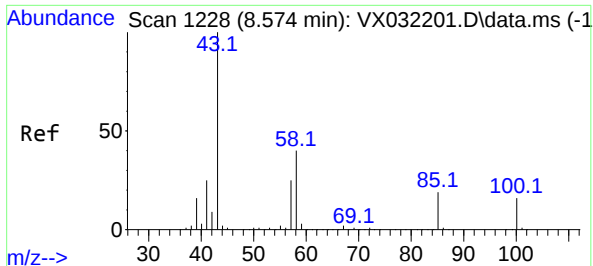
Tgt Ion:117 Resp: 16795
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 47.584 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032259.D
Acq: 20 Oct 2022 13:47

Tgt Ion: 98 Resp: 283298
Ion Ratio Lower Upper
98 100
100 64.1 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.612 ug/l

RT: 8.647 min Scan# 1228

Delta R.T. 0.073 min

Lab File: VX032259.D

Acq: 20 Oct 2022 13:47

Instrument :

MSVOA_X

ClientSampleId :

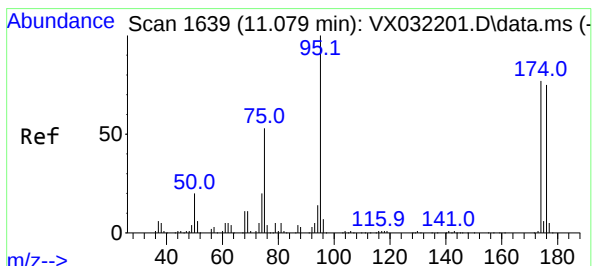
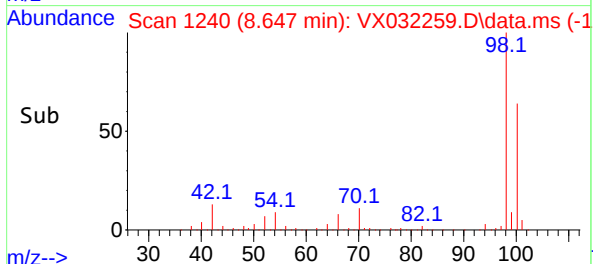
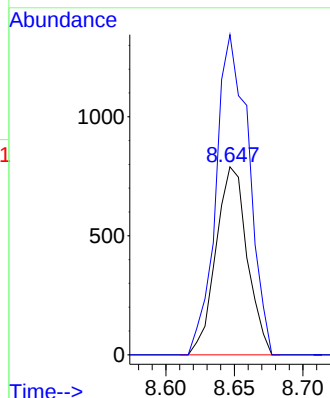
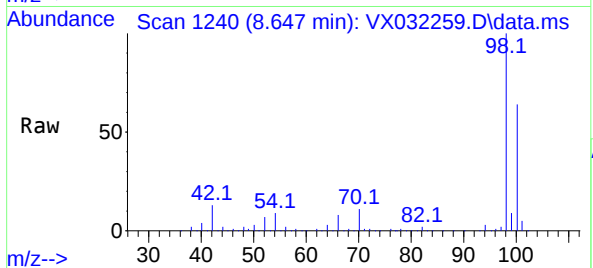
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 43 Resp: 1255

Ion Ratio Lower Upper

43 100

58 178.3 31.0 46.4#



#62

4-Bromofluorobenzene

Concen: 45.350 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032259.D

Acq: 20 Oct 2022 13:47

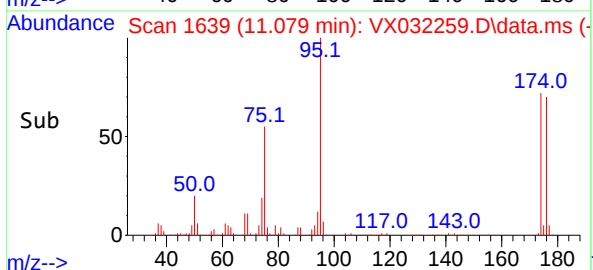
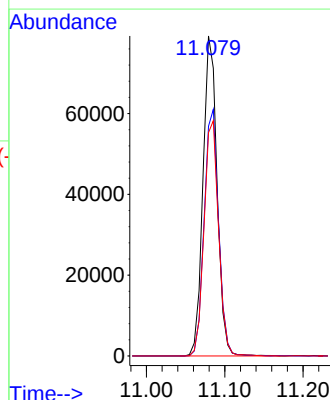
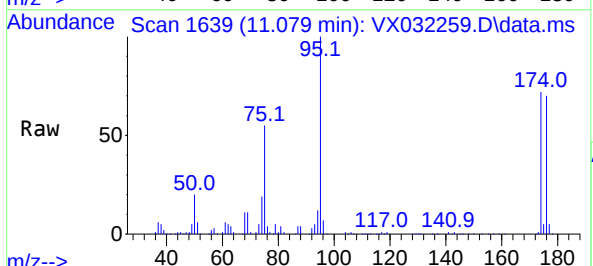
Tgt Ion: 95 Resp: 98869

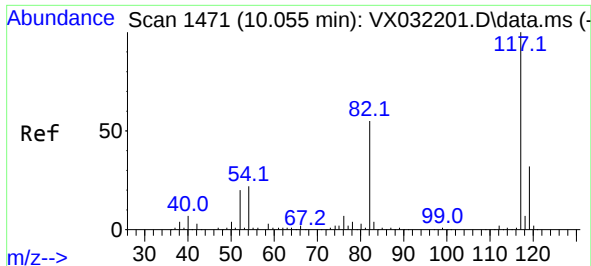
Ion Ratio Lower Upper

95 100

174 78.7 0.0 166.8

176 75.8 0.0 161.4

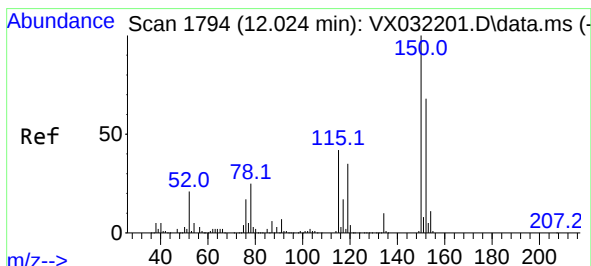
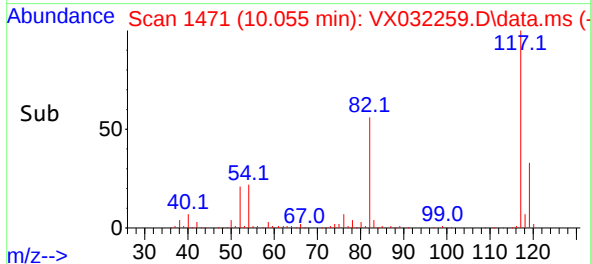
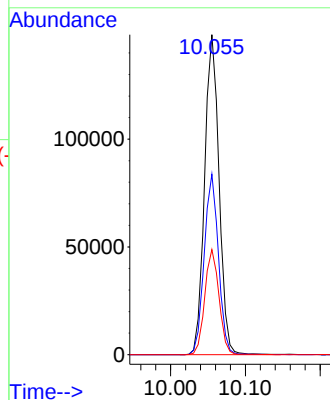
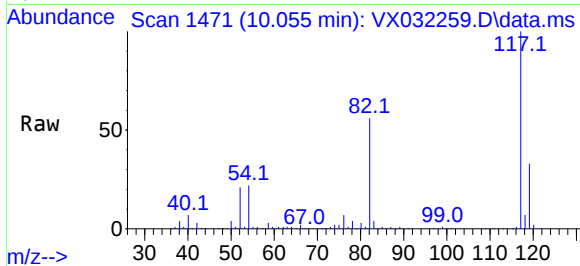




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032259.D
Acq: 20 Oct 2022 13:47

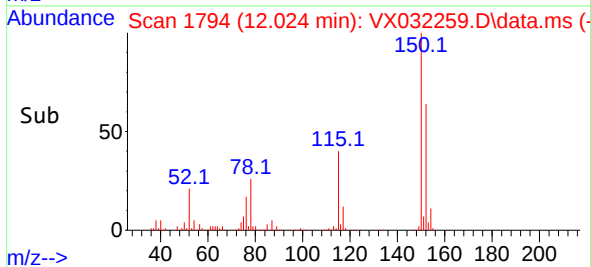
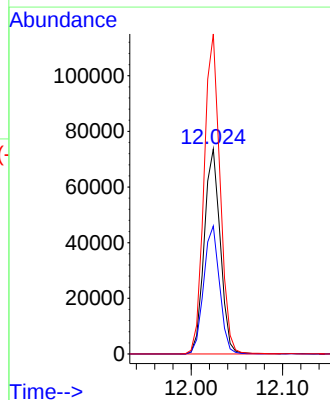
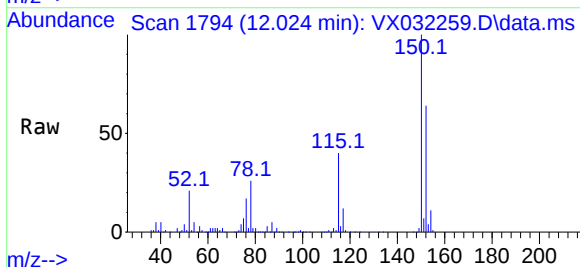
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

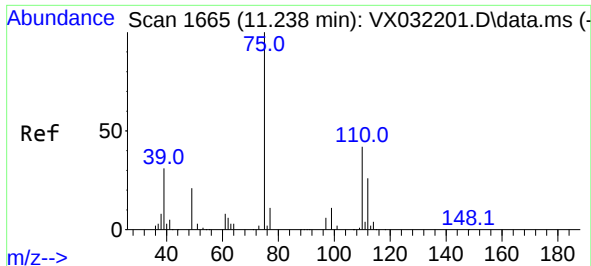
Tgt Ion:117 Resp: 199430
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.4
119 32.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032259.D
Acq: 20 Oct 2022 13:47

Tgt Ion:152 Resp: 89321
Ion Ratio Lower Upper
152 100
115 62.0 43.1 129.4
150 155.9 0.0 348.6

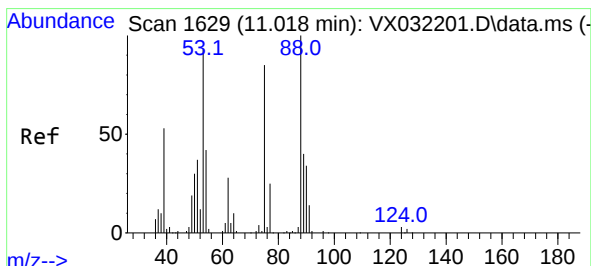
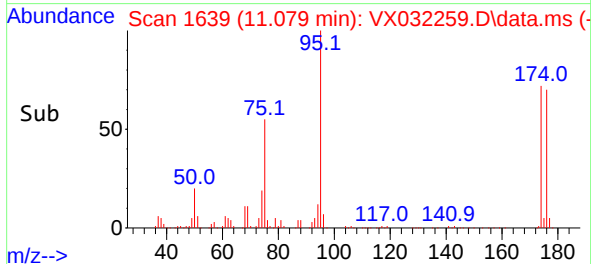
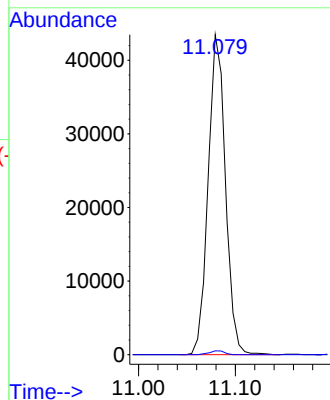
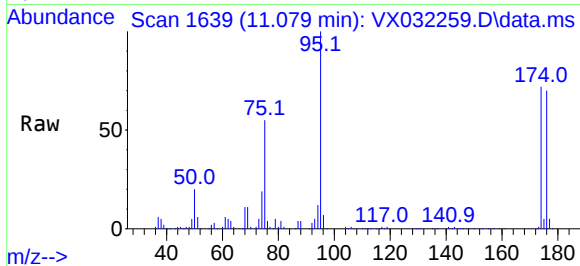




#76
1,2,3-Trichloropropane
Concen: 30.602 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032259.D
Acq: 20 Oct 2022 13:47

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

Tgt Ion: 75 Resp: 54160
Ion Ratio Lower Upper
75 100
77 1.1 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.591 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032259.D
Acq: 20 Oct 2022 13:47

Tgt Ion: 75 Resp: 54160
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

