

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035084.D
 Acq On : 14 Apr 2023 15:33
 Operator : JC/MD
 Sample : 02363-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Apr 17 05:11:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

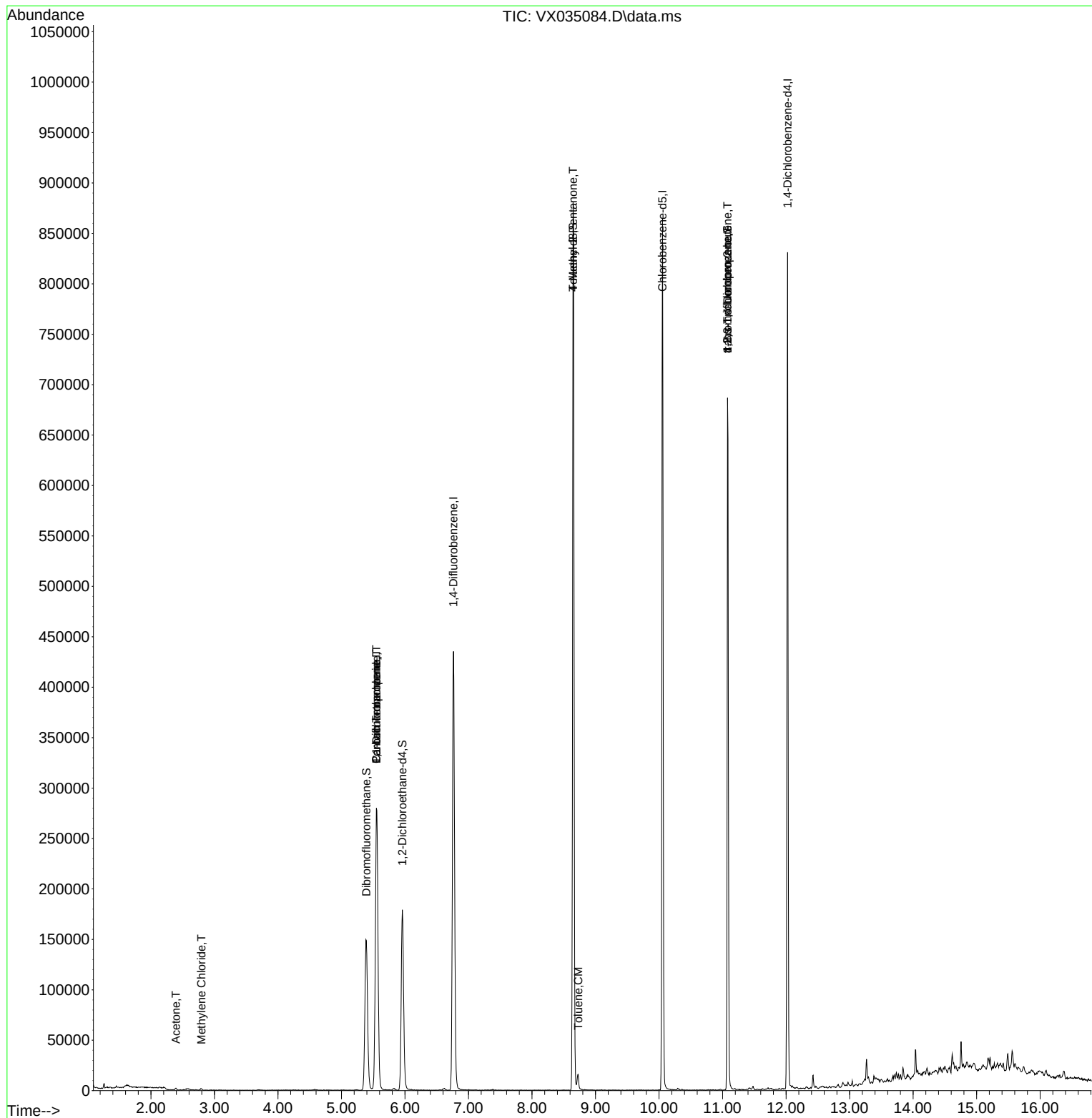
Internal Standards						
1) Pentafluorobenzene	5.550	168	265263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	447253	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174656	43.053	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.100%
35) Dibromofluoromethane	5.391	113	133862	45.251	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.500%
50) Toluene-d8	8.647	98	526732	48.240	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.480%
62) 4-Bromofluorobenzene	11.079	95	193606	45.820	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.640%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1912	1.160	ug/l #	83
20) Methylene Chloride	2.794	84	860	0.264	ug/l #	74
36) 1,1-Dichloropropene	5.550	75	20749	4.734	ug/l #	50
38) Carbon Tetrachloride	5.550	117	27394	6.630	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2663	0.587	ug/l #	1
52) Toluene	8.726	92	5856	0.714	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	96925	27.981	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	96925	83.857	ug/l #	8

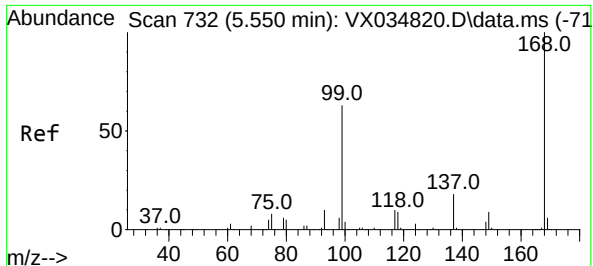
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

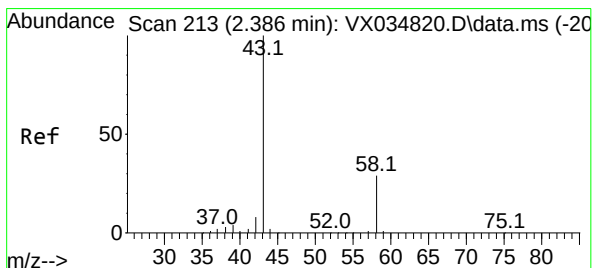
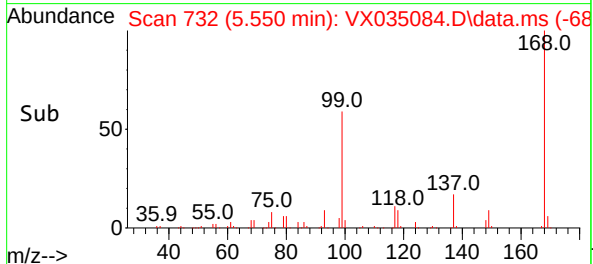
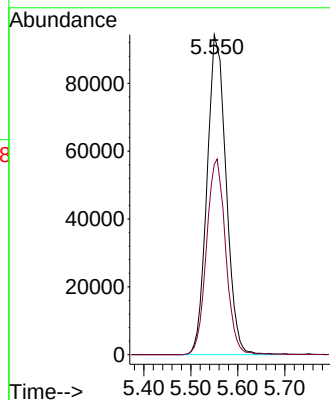
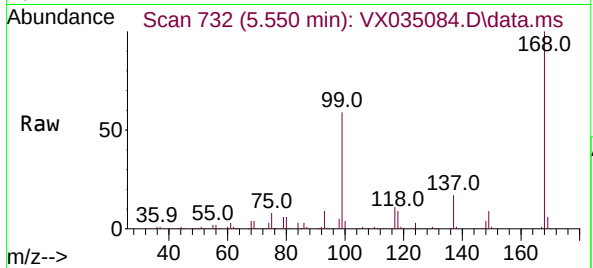




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035084.D
Acq: 14 Apr 2023 15:33

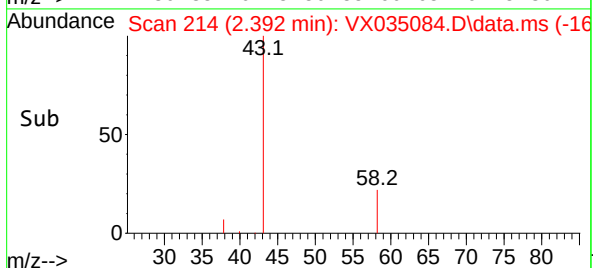
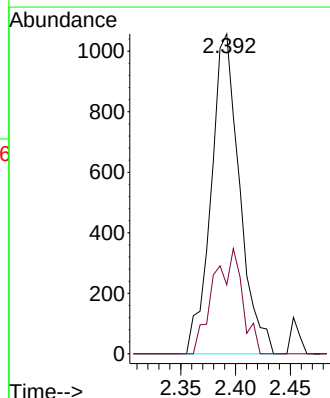
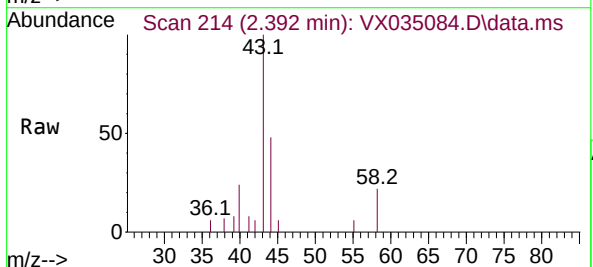
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

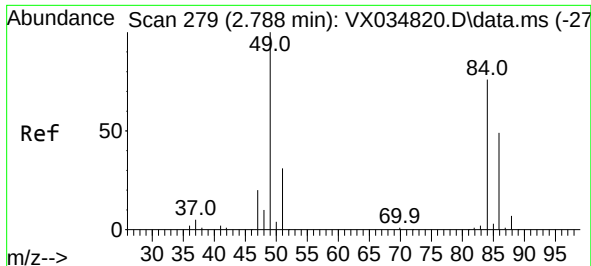
Tgt Ion:168 Resp: 265263
Ion Ratio Lower Upper
168 100
99 59.4 45.7 68.5



#16
Acetone
Concen: 1.160 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035084.D
Acq: 14 Apr 2023 15:33

Tgt Ion: 43 Resp: 1912
Ion Ratio Lower Upper
43 100
58 21.6 24.7 37.1#

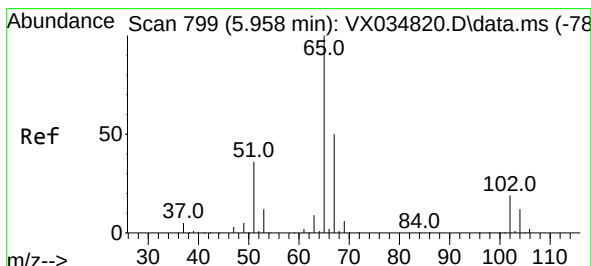
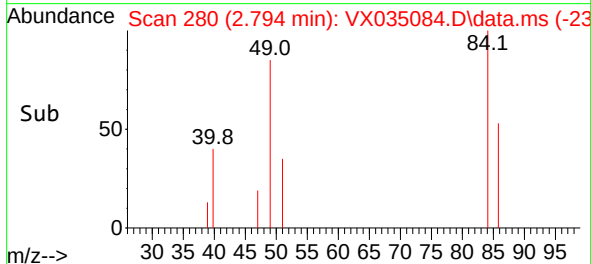
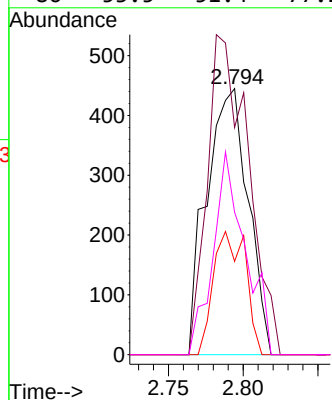
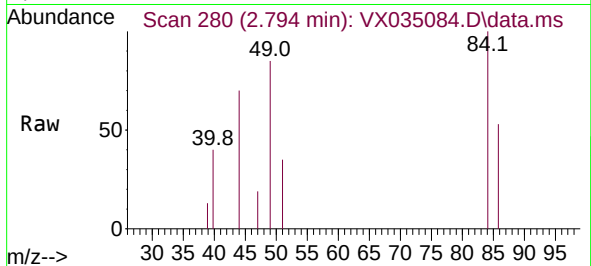




#20
Methylene Chloride
Concen: 0.264 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035084.D
Acq: 14 Apr 2023 15:33

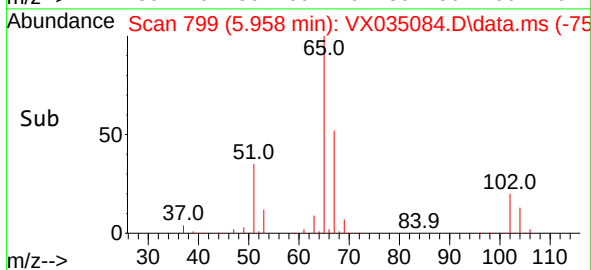
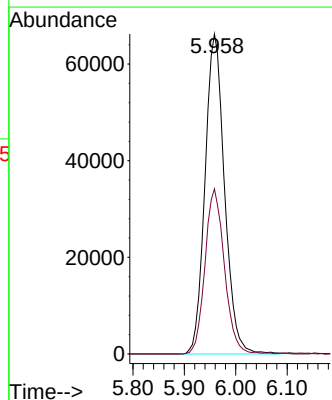
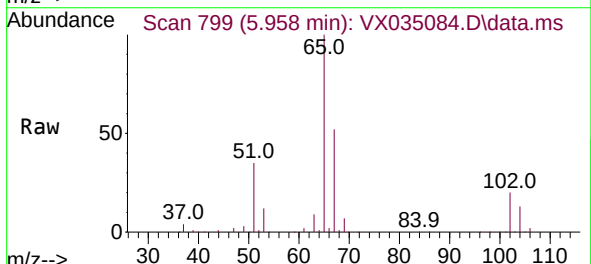
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

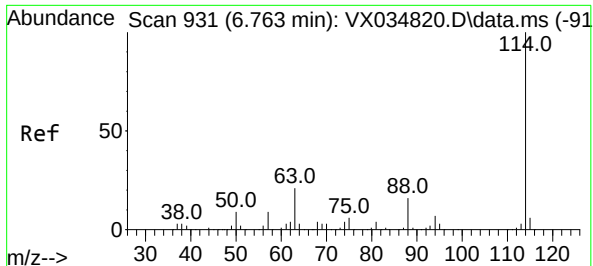
Tgt Ion: 84	Resp: 860
Ion Ratio	Lower Upper
84	100
49	85.4 103.8 155.8#
51	35.1 31.8 47.8
86	53.5 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 43.053 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035084.D
Acq: 14 Apr 2023 15:33

Tgt Ion: 65	Resp: 174656
Ion Ratio	Lower Upper
65	100
67	51.3 0.0 104.0

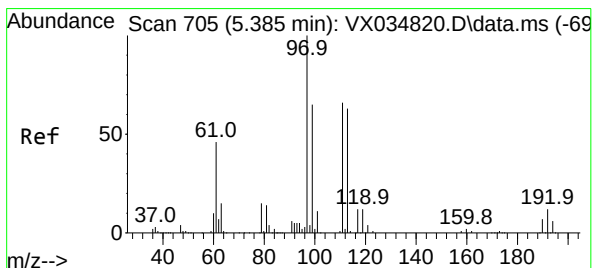
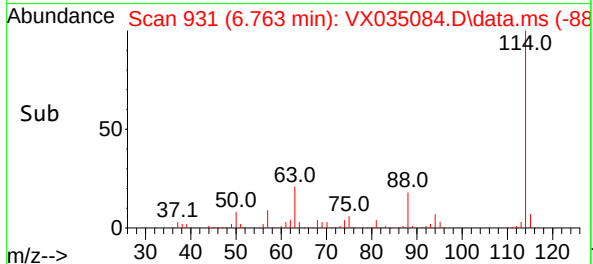
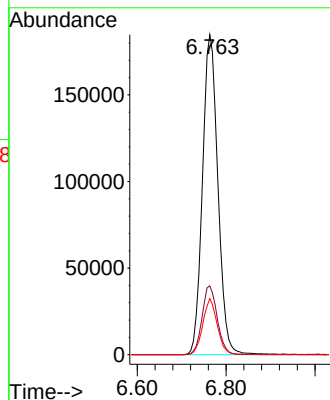
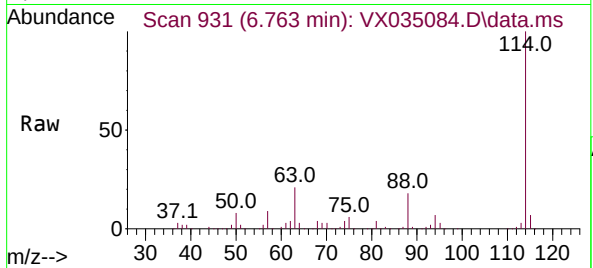




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035084.D
Acq: 14 Apr 2023 15:33

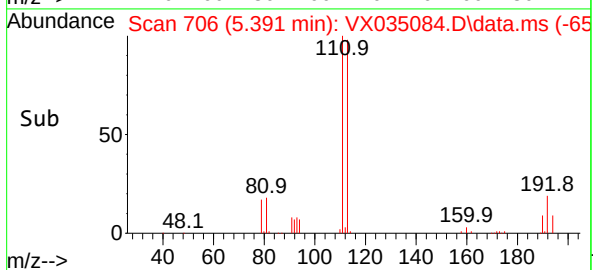
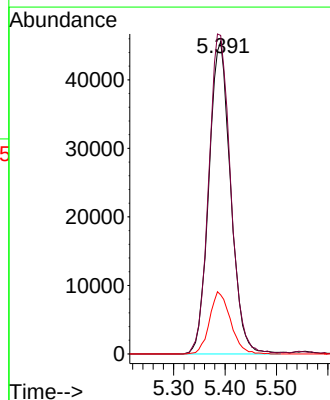
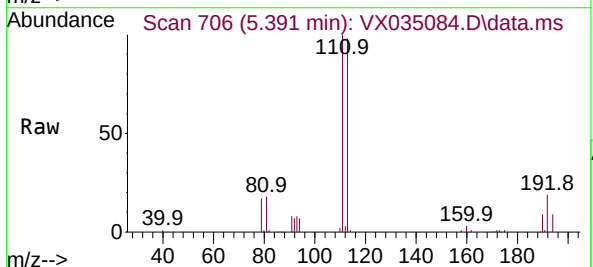
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

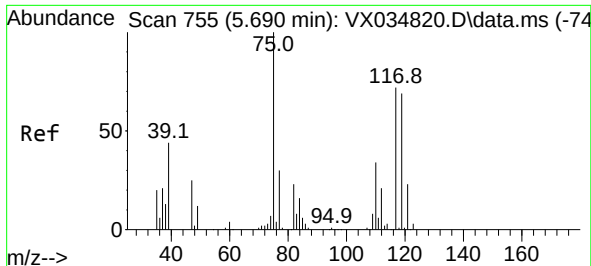
Tgt Ion:114 Resp: 447253
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.2
88 17.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.251 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035084.D
Acq: 14 Apr 2023 15:33

Tgt Ion:113 Resp: 133862
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 19.2 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.734 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX035084.D

Acq: 14 Apr 2023 15:33

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

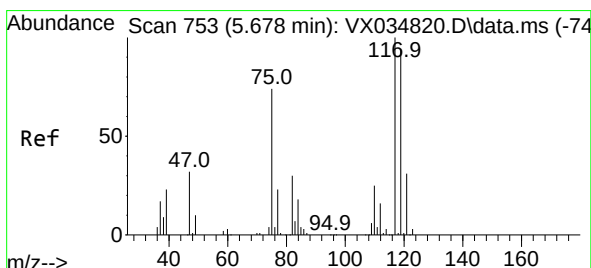
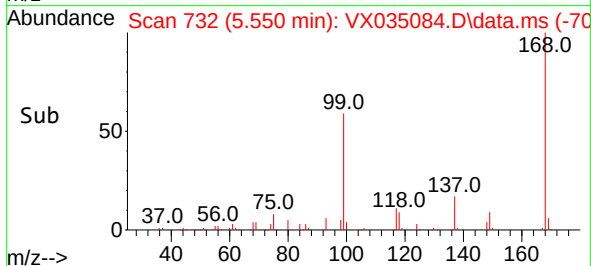
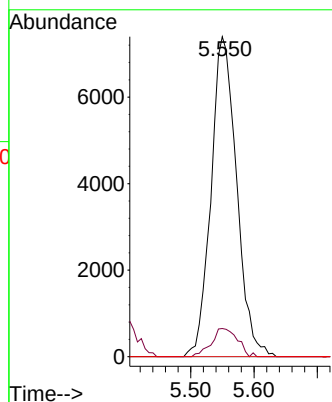
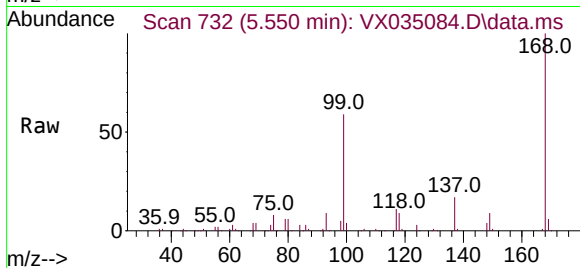
Tgt Ion: 75 Resp: 20749

Ion Ratio Lower Upper

75 100

110 9.0 17.5 52.5#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.630 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX035084.D

Acq: 14 Apr 2023 15:33

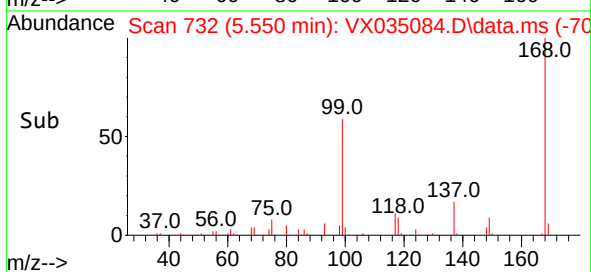
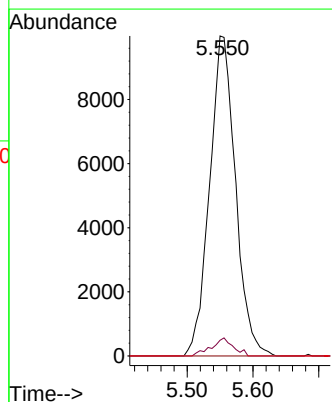
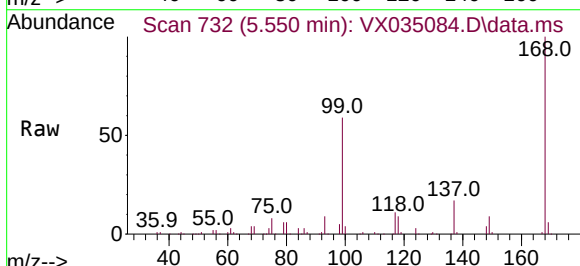
Tgt Ion: 117 Resp: 27394

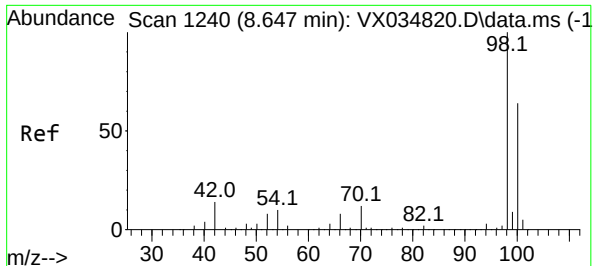
Ion Ratio Lower Upper

117 100

119 4.9 76.6 114.8#

121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 48.240 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035084.D

Acq: 14 Apr 2023 15:33

Instrument :

MSVOA_X

ClientSampleId :

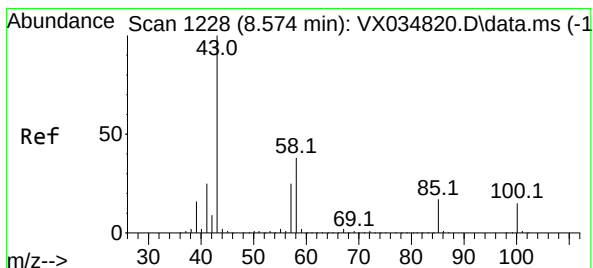
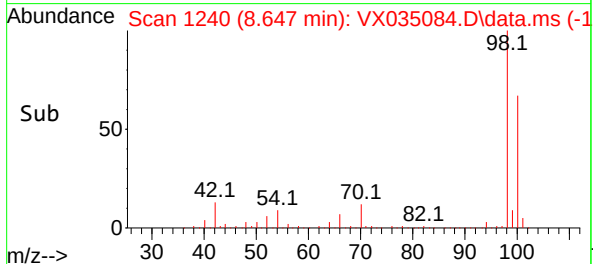
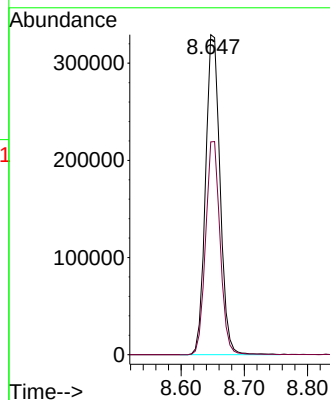
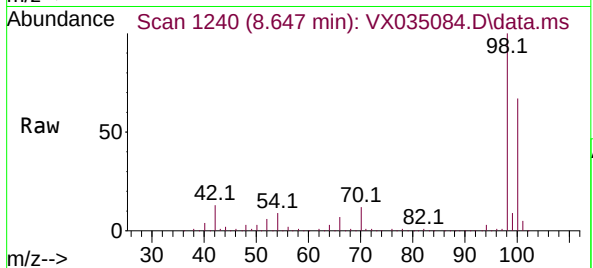
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 526732

Ion Ratio Lower Upper

98 100

100 66.5 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.587 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX035084.D

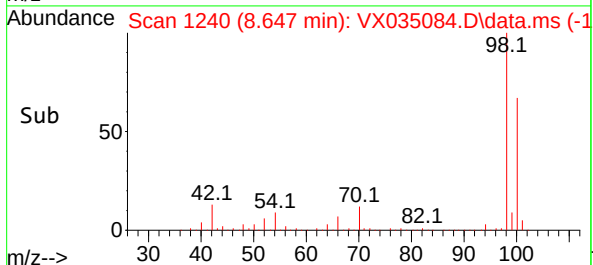
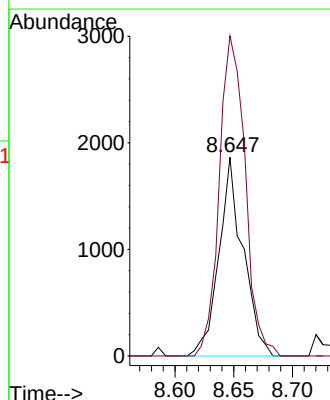
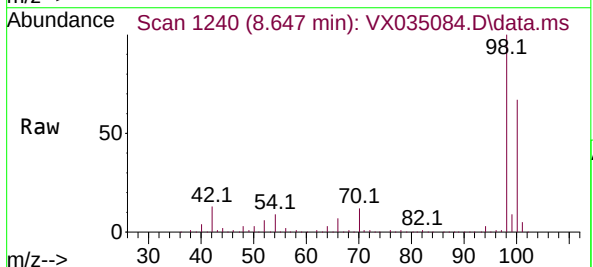
Acq: 14 Apr 2023 15:33

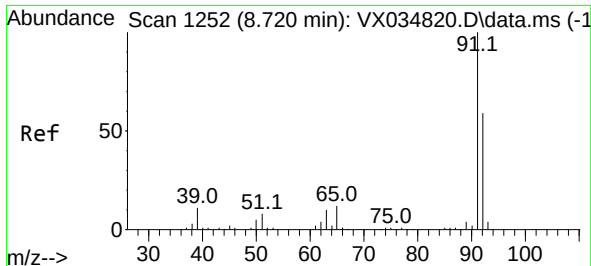
Tgt Ion: 43 Resp: 2663

Ion Ratio Lower Upper

43 100

58 172.7 30.6 46.0#

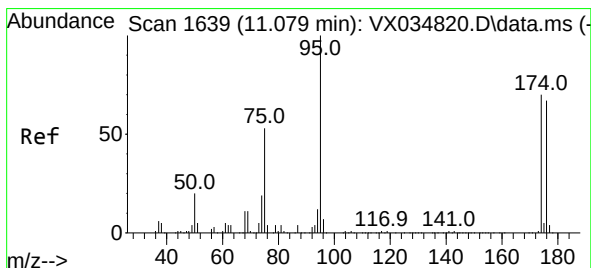
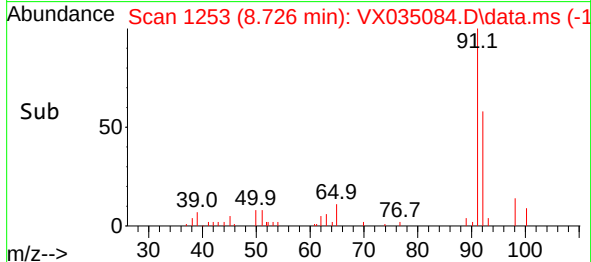
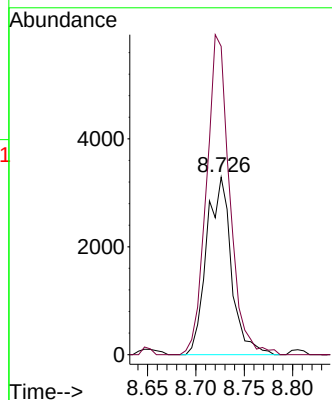
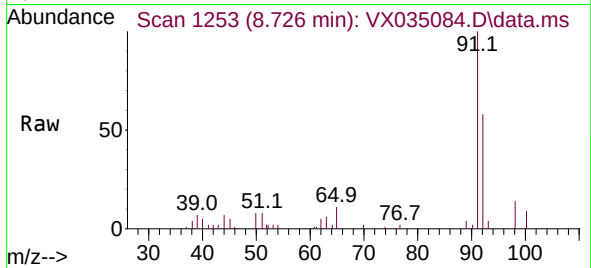




#52
Toluene
Concen: 0.714 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035084.D
Acq: 14 Apr 2023 15:33

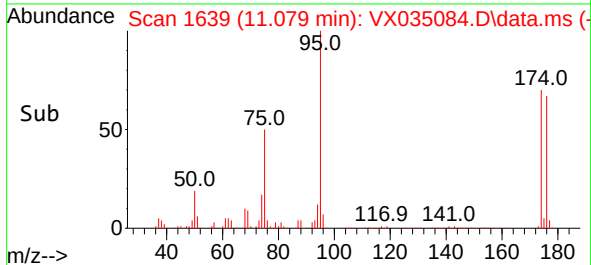
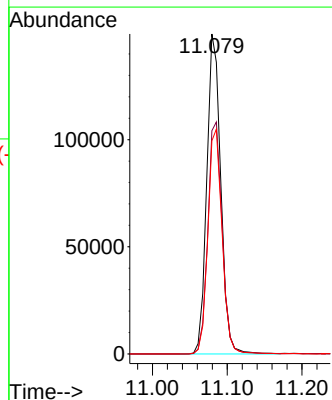
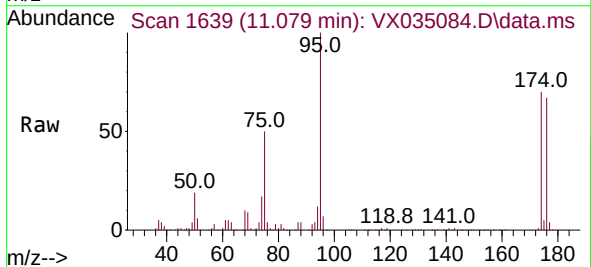
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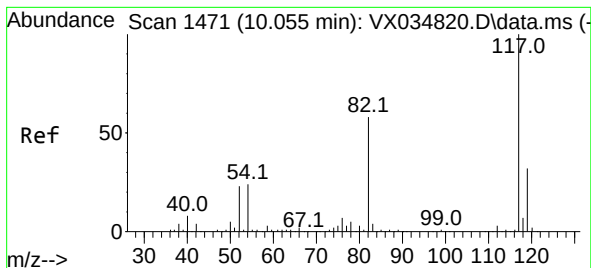
Tgt Ion: 92 Resp: 5856
Ion Ratio Lower Upper
92 100
91 169.2 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 45.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035084.D
Acq: 14 Apr 2023 15:33

Tgt Ion: 95 Resp: 193606
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.4
176 71.5 0.0 140.6

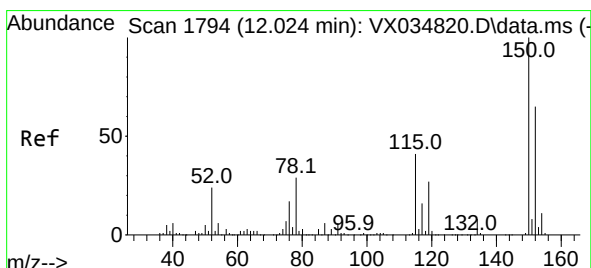
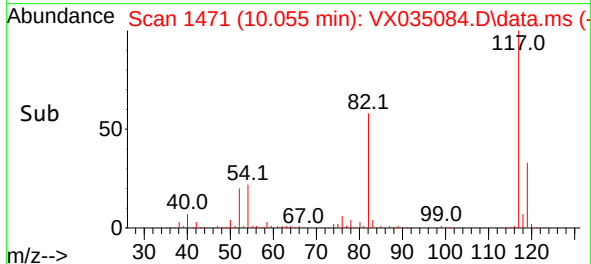
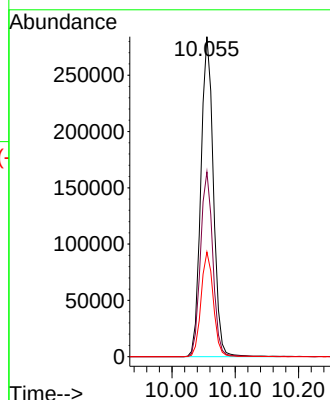
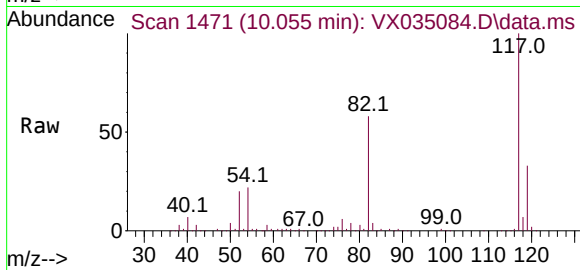




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035084.D
Acq: 14 Apr 2023 15:33

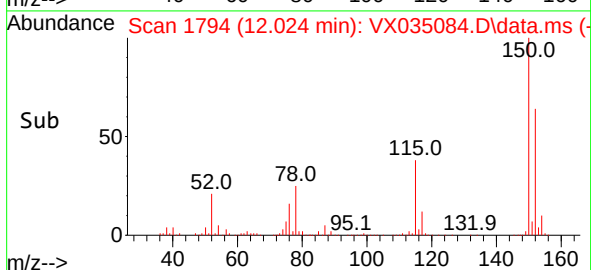
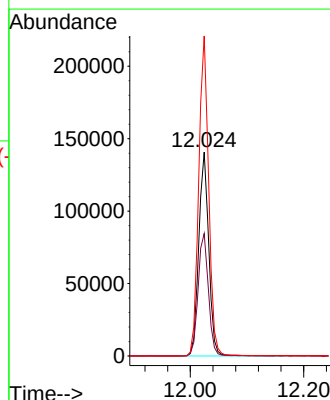
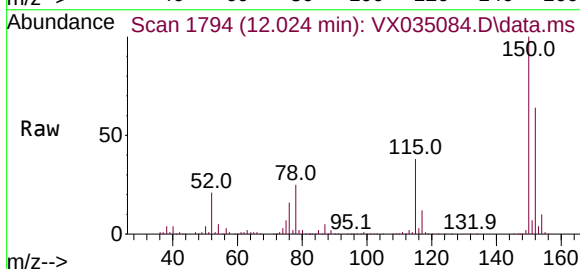
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

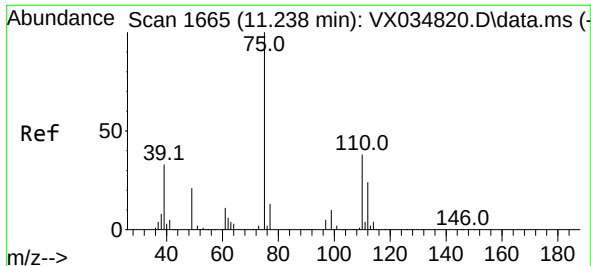
Tgt Ion:117 Resp: 391670
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 32.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035084.D
Acq: 14 Apr 2023 15:33

Tgt Ion:152 Resp: 171915
Ion Ratio Lower Upper
152 100
115 61.9 45.0 135.0
150 156.4 0.0 352.4

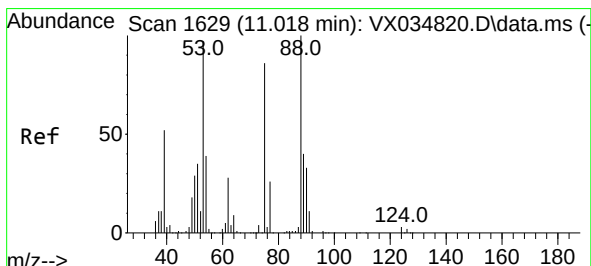
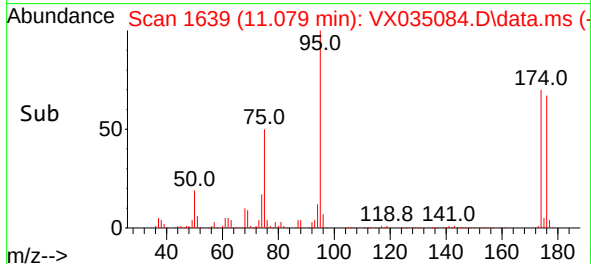
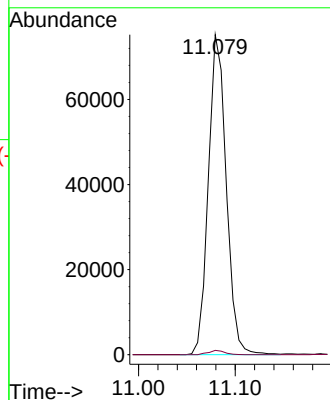
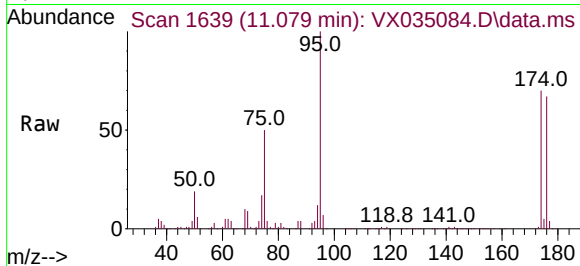




#76
1,2,3-Trichloropropane
Concen: 27.981 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035084.D
Acq: 14 Apr 2023 15:33

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

Tgt Ion: 75 Resp: 96925
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.857 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035084.D
Acq: 14 Apr 2023 15:33

Tgt Ion: 75 Resp: 96925
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

