

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037217.D
 Acq On : 24 Aug 2023 15:30
 Operator : JC/MD
 Sample : 04081-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 24 23:39:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	143107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94842	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90538	43.884	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.760%
35) Dibromofluoromethane	5.385	113	72213	46.000	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.000%
50) Toluene-d8	8.647	98	274089	48.133	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.260%
62) 4-Bromofluorobenzene	11.079	95	104086	46.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.020%

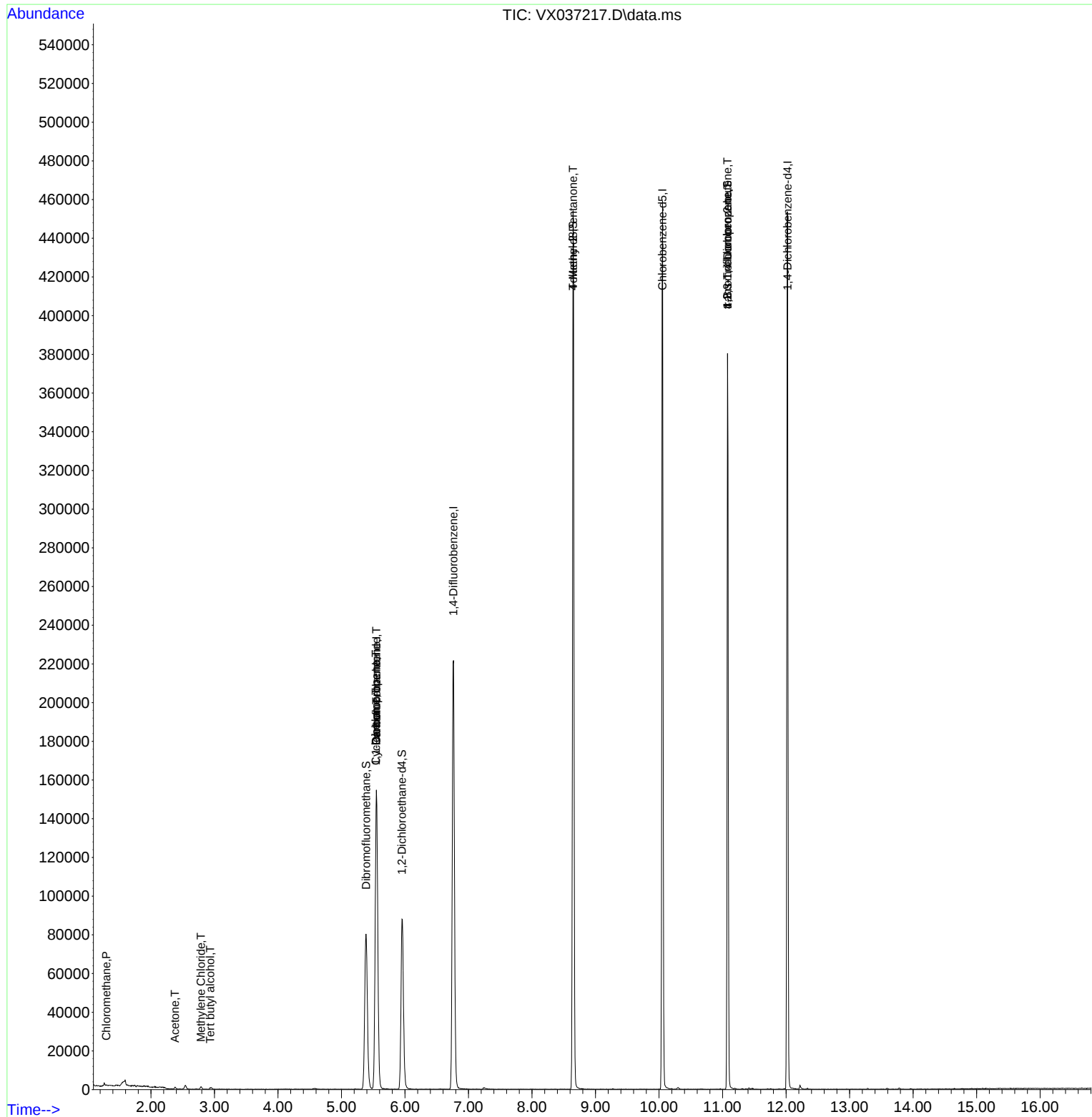
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	315	0.217	ug/l #	43
11) Tert butyl alcohol	2.934	59	585	1.209	ug/l #	78
16) Acetone	2.380	43	1004	1.244	ug/l #	71
20) Methylene Chloride	2.788	84	623	0.345	ug/l #	84
31) Cyclohexane	5.544	56	2904	1.252	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11288	5.061	ug/l #	51
38) Carbon Tetrachloride	5.550	117	15372	6.345	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1065	0.485	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53288	26.382	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	53288	73.688	ug/l #	5

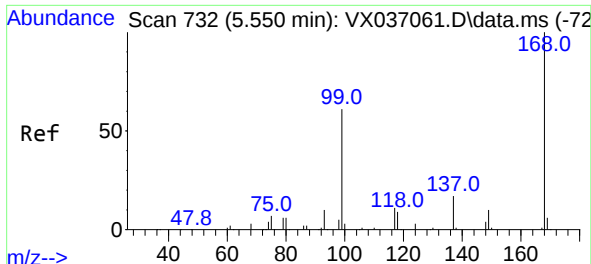
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

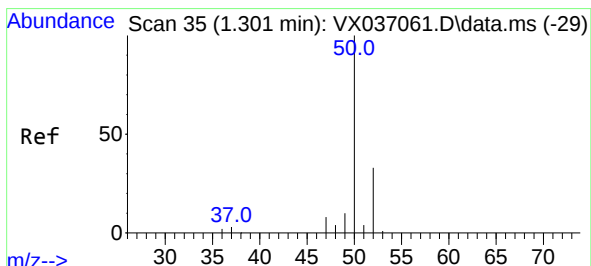
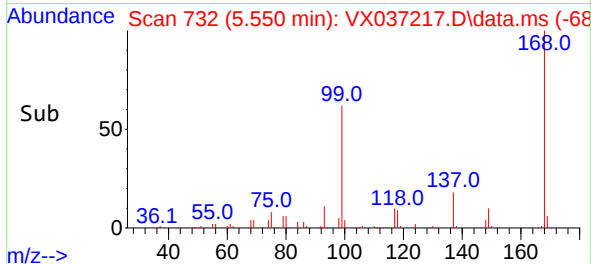
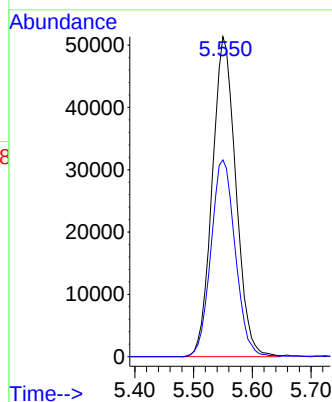
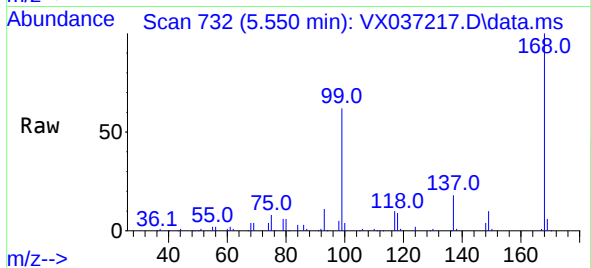




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

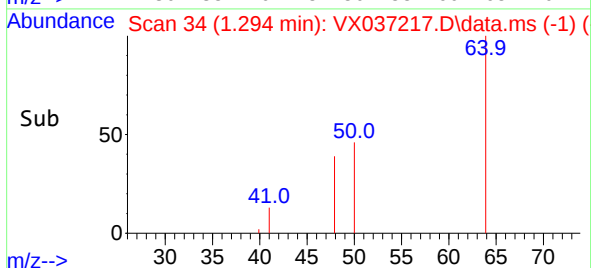
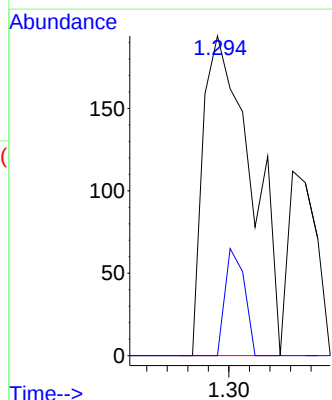
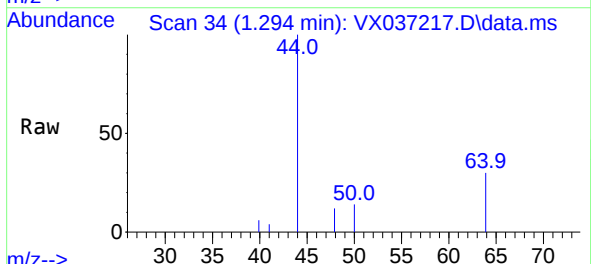
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

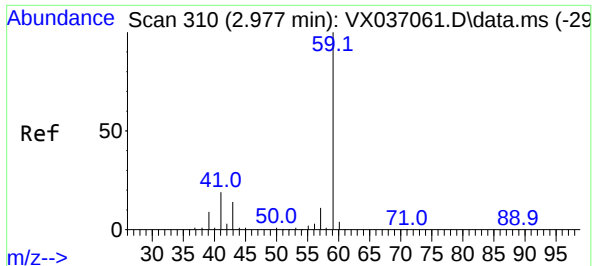
Tgt Ion:168 Resp: 143107
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Tgt Ion: 50 Resp: 315
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#





#11

Tert butyl alcohol

Concen: 1.209 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.043 min

Lab File: VX037217.D

Acq: 24 Aug 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

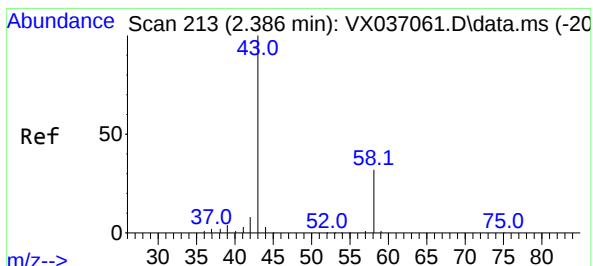
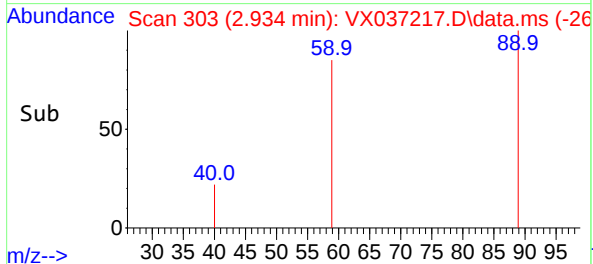
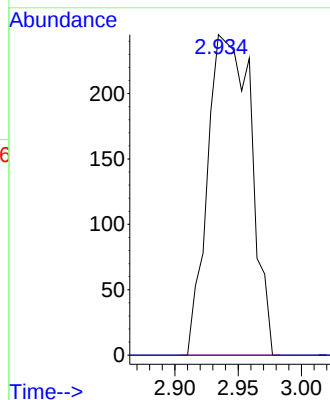
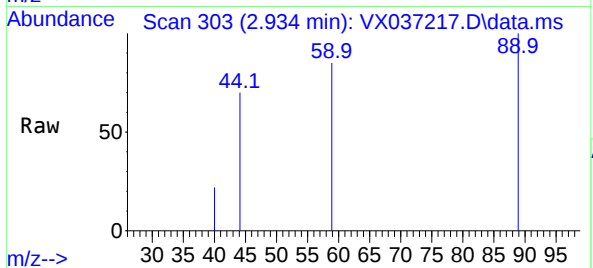
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 59 Resp: 585

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 1.244 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX037217.D

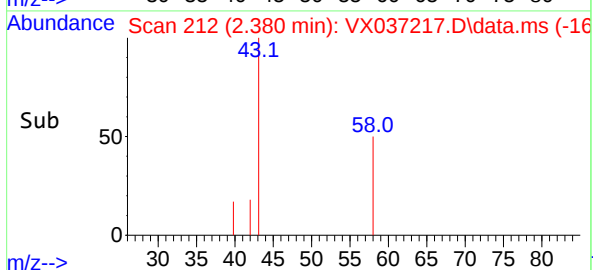
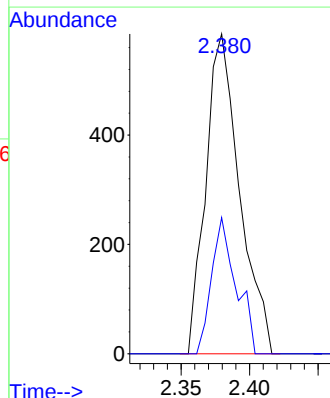
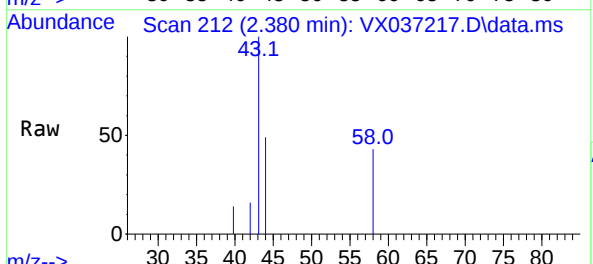
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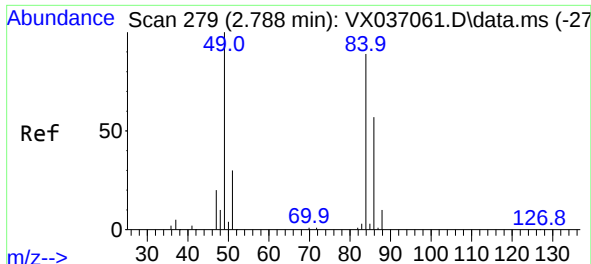
Tgt Ion: 43 Resp: 1004

Ion Ratio Lower Upper

43 100

58 42.6 21.9 32.9#





#20

Methylene Chloride

Concen: 0.345 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037217.D

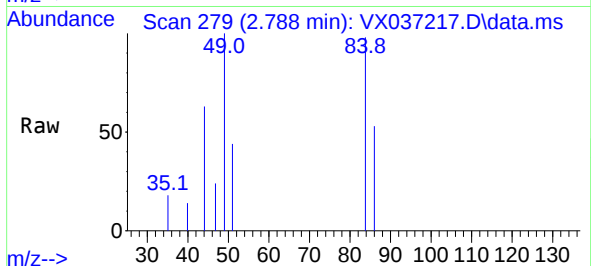
Acq: 24 Aug 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion: 84 Resp: 623

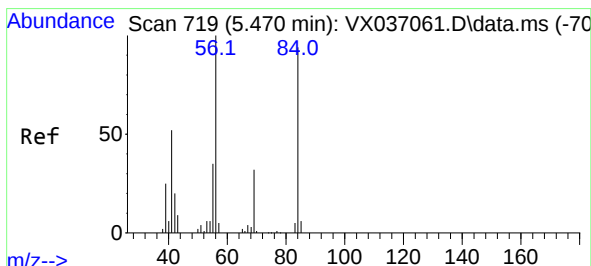
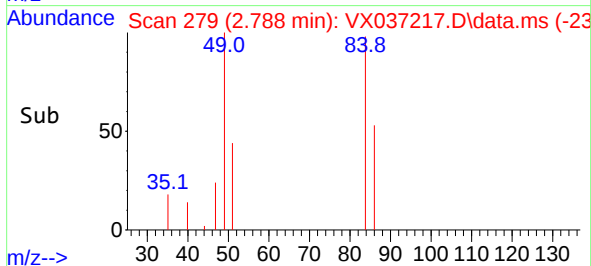
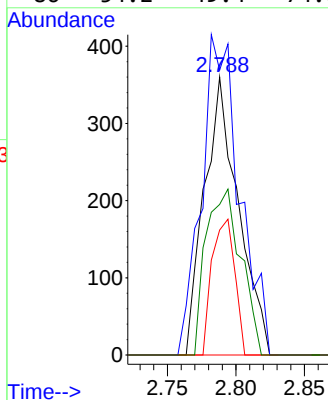
Ion Ratio Lower Upper

84 100

49 102.5 103.6 155.4#

51 45.0 33.8 50.6

86 54.2 49.4 74.0



#31

Cyclohexane

Concen: 1.252 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX037217.D

Acq: 24 Aug 2023 15:30

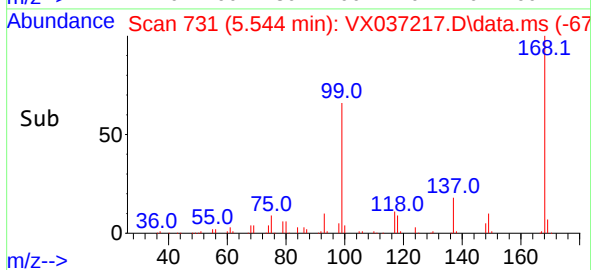
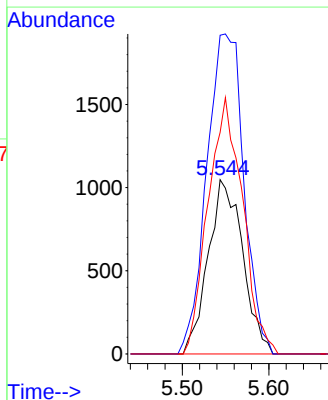
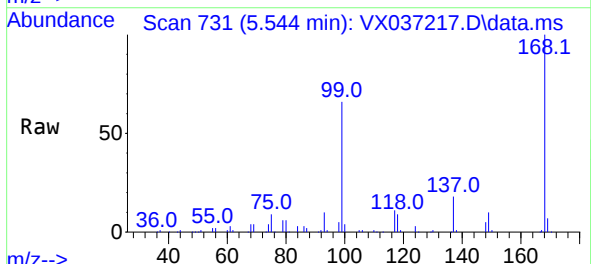
Tgt Ion: 56 Resp: 2904

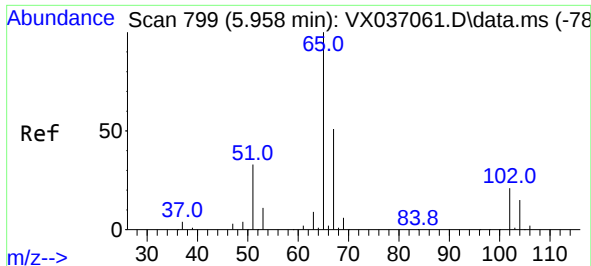
Ion Ratio Lower Upper

56 100

69 182.8 23.4 35.2#

84 127.1 65.9 98.9#

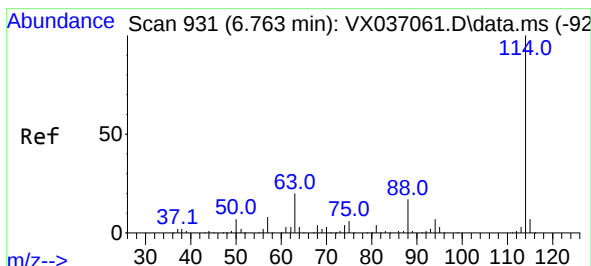
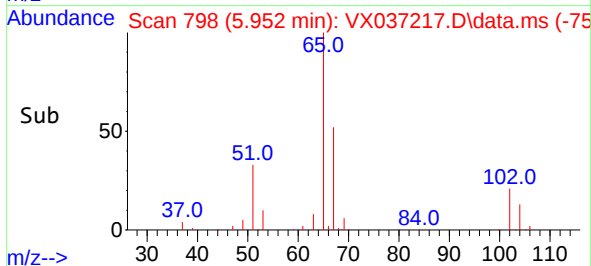
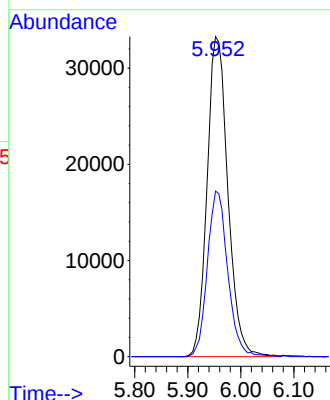
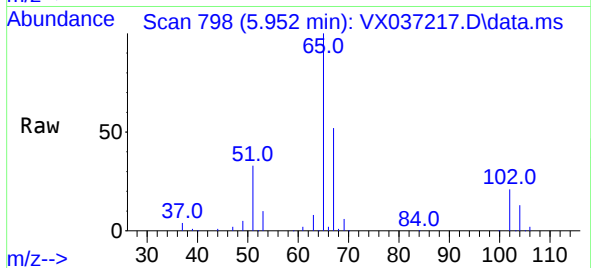




#33
 1,2-Dichloroethane-d4
 Concen: 43.884 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX037217.D
 Acq: 24 Aug 2023 15:30

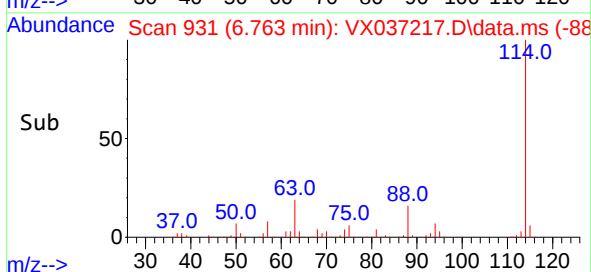
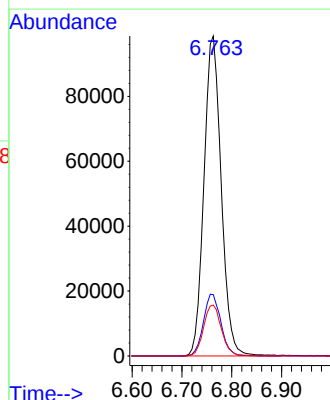
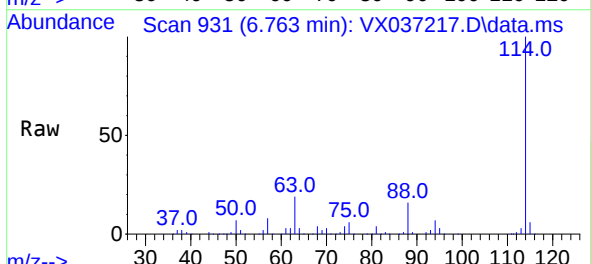
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

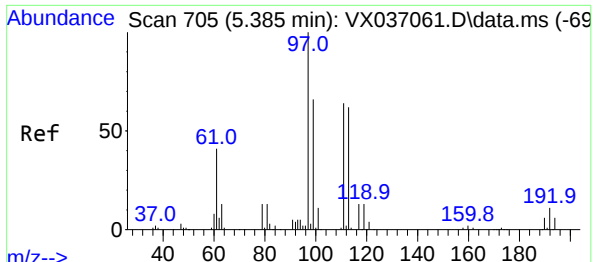
Tgt Ion: 65 Resp: 90538
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX037217.D
 Acq: 24 Aug 2023 15:30

Tgt Ion: 114 Resp: 237036
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 45.0
 88 15.9 0.0 36.6



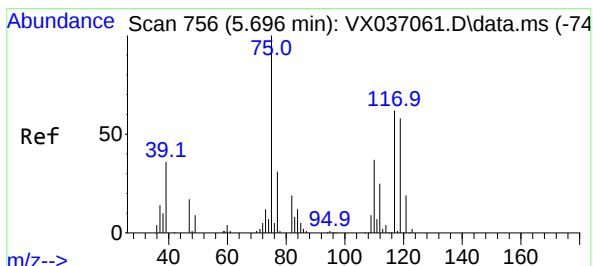
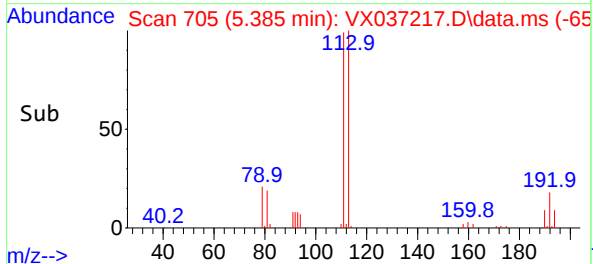
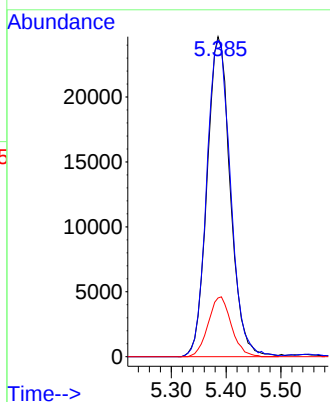
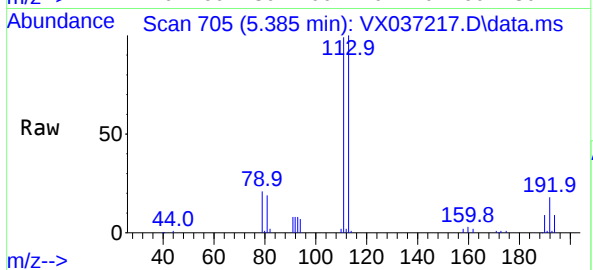


#35
Dibromofluoromethane
Concen: 46.000 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

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

Tgt Ion:113 Resp: 72213

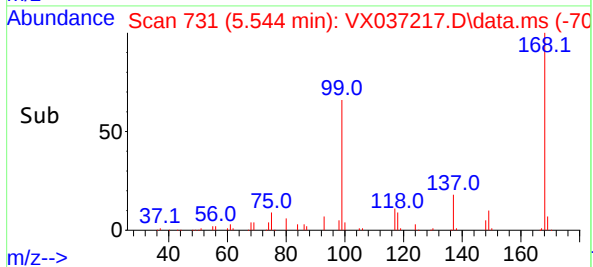
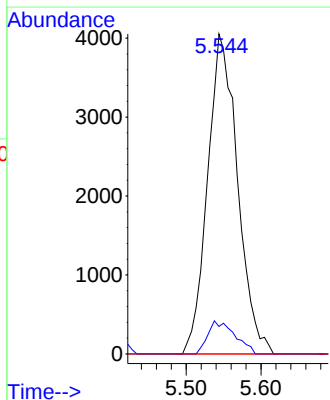
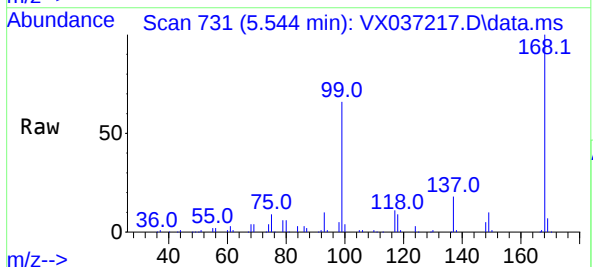
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	18.7	13.3	19.9

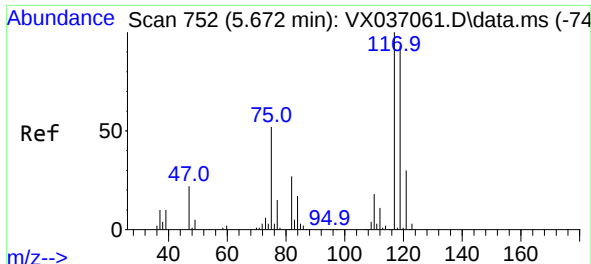


#36
1,1-Dichloropropene
Concen: 5.061 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.152 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Tgt Ion: 75 Resp: 11288

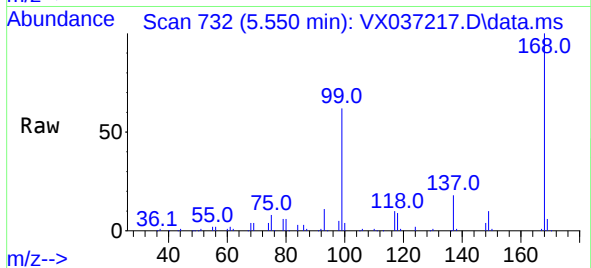
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.0	50.9#
77	0.0	24.7	37.1#



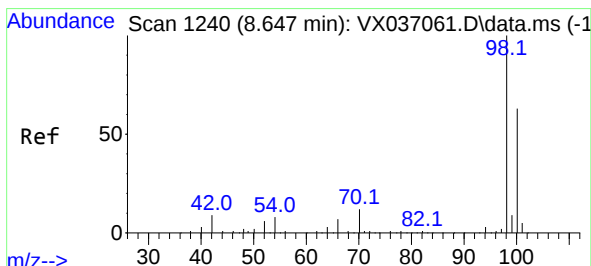
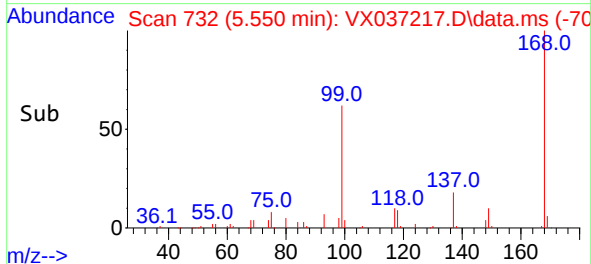
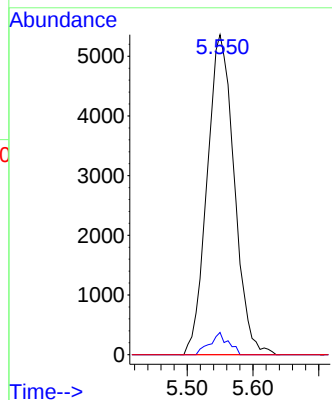


#38
Carbon Tetrachloride
Concen: 6.345 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

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

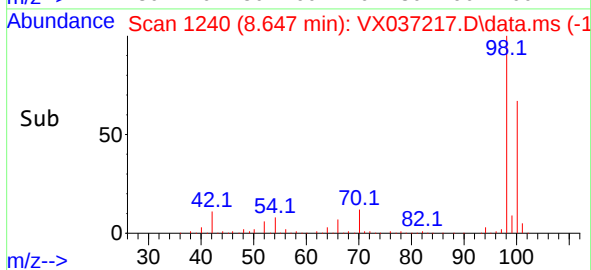
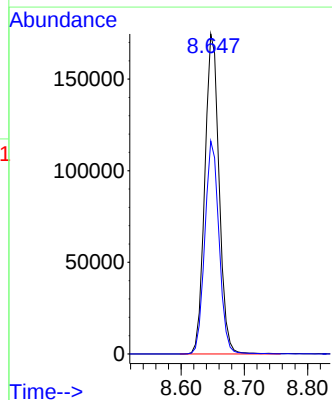
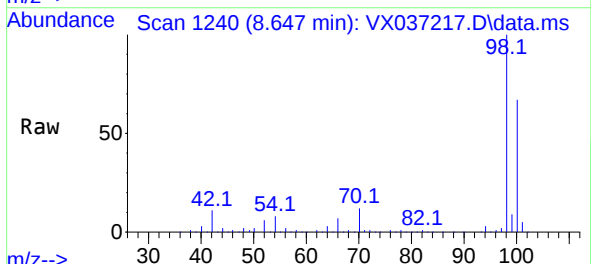


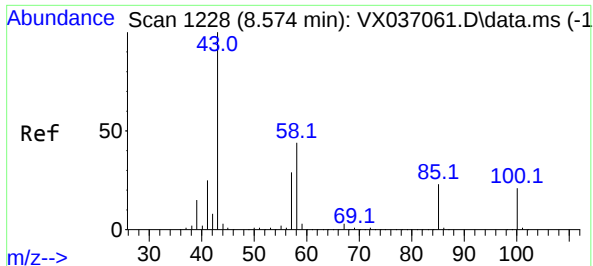
Tgt Ion:117 Resp: 15372
Ion Ratio Lower Upper
117 100
119 6.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.133 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Tgt Ion: 98 Resp: 274089
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.485 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX037217.D

Acq: 24 Aug 2023 15:30

Instrument :

MSVOA_X

ClientSampleId :

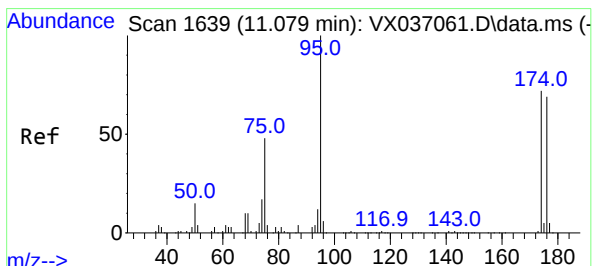
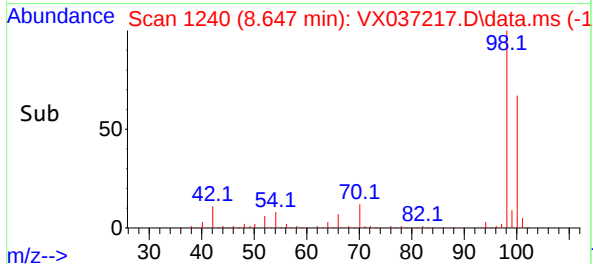
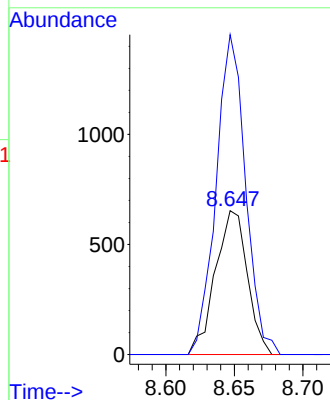
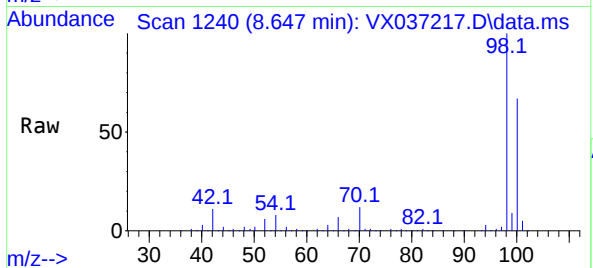
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 43 Resp: 1065

Ion Ratio Lower Upper

43 100

58 204.0 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 46.512 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX037217.D

Acq: 24 Aug 2023 15:30

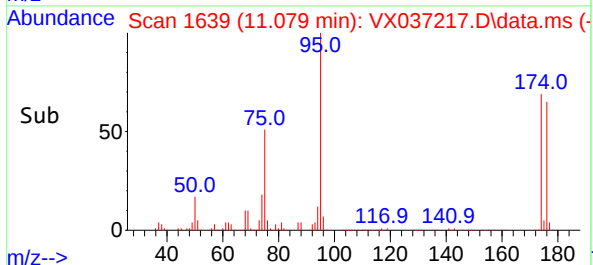
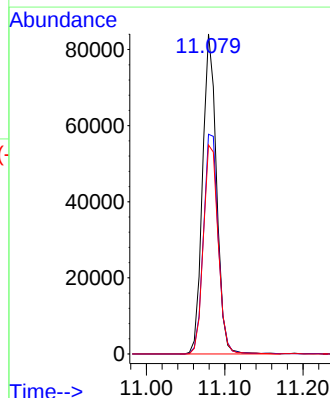
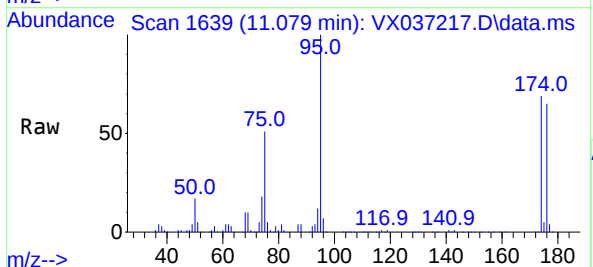
Tgt Ion: 95 Resp: 104086

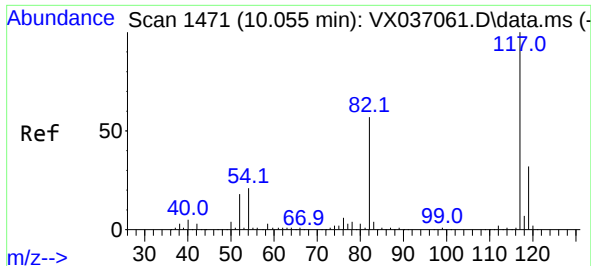
Ion Ratio Lower Upper

95 100

174 72.1 0.0 135.6

176 69.0 0.0 131.0

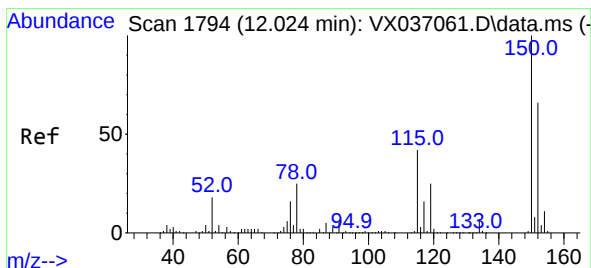
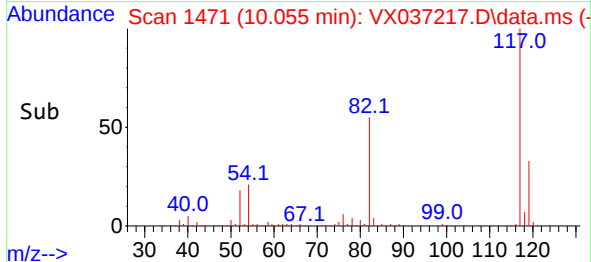
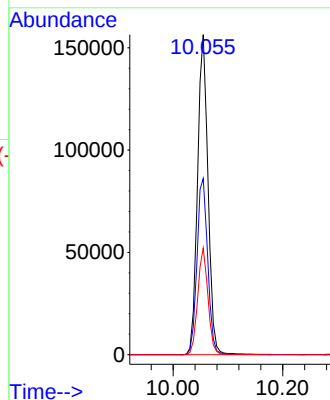
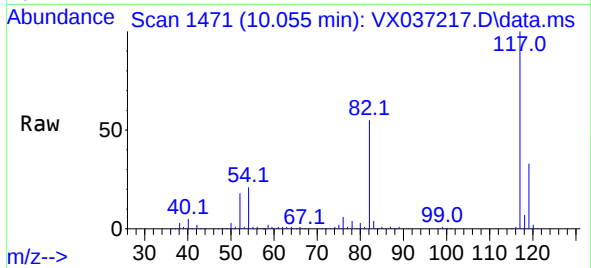




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

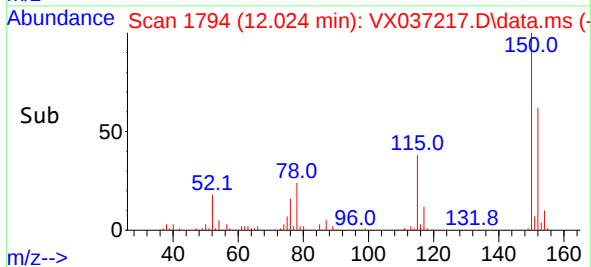
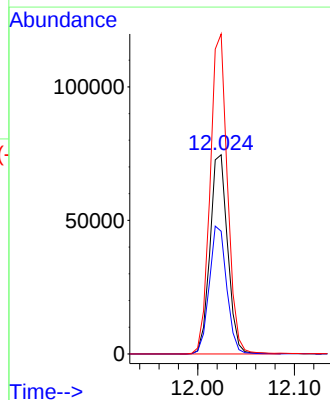
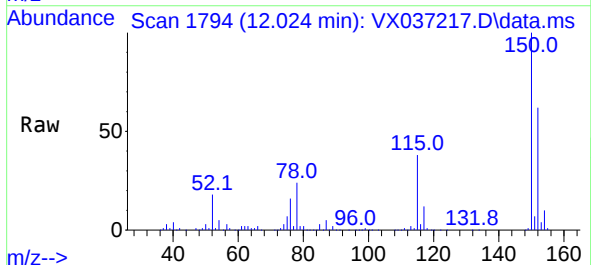
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

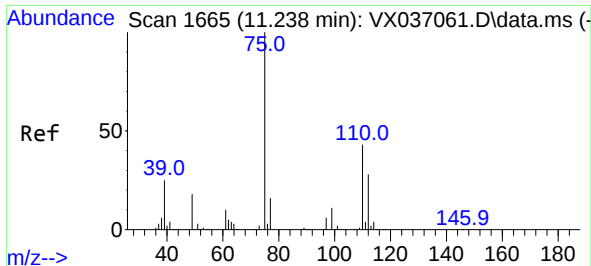
Tgt Ion:117 Resp: 209051
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 33.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Tgt Ion:152 Resp: 94842
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 158.2 0.0 345.0

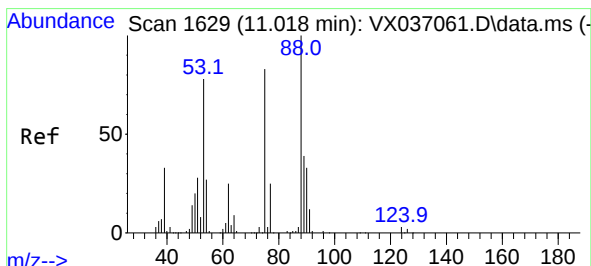
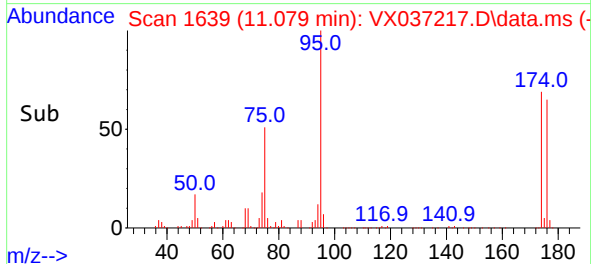
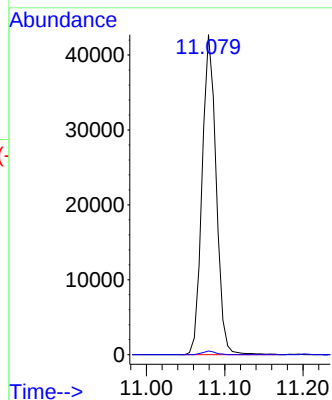
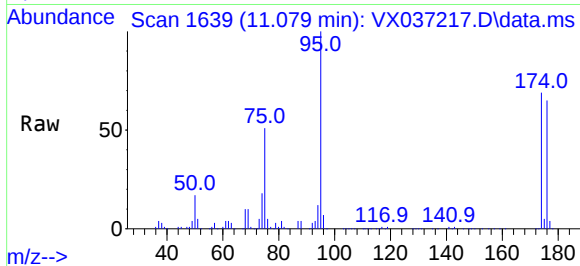




#76
1,2,3-Trichloropropane
Concen: 26.382 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

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

Tgt Ion: 75 Resp: 53288
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.688 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037217.D
Acq: 24 Aug 2023 15:30

Tgt Ion: 75 Resp: 53288
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

