

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037076.D
 Acq On : 18 Aug 2023 11:55
 Operator : JC/MD
 Sample : 03980-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 19 05:15:16 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)

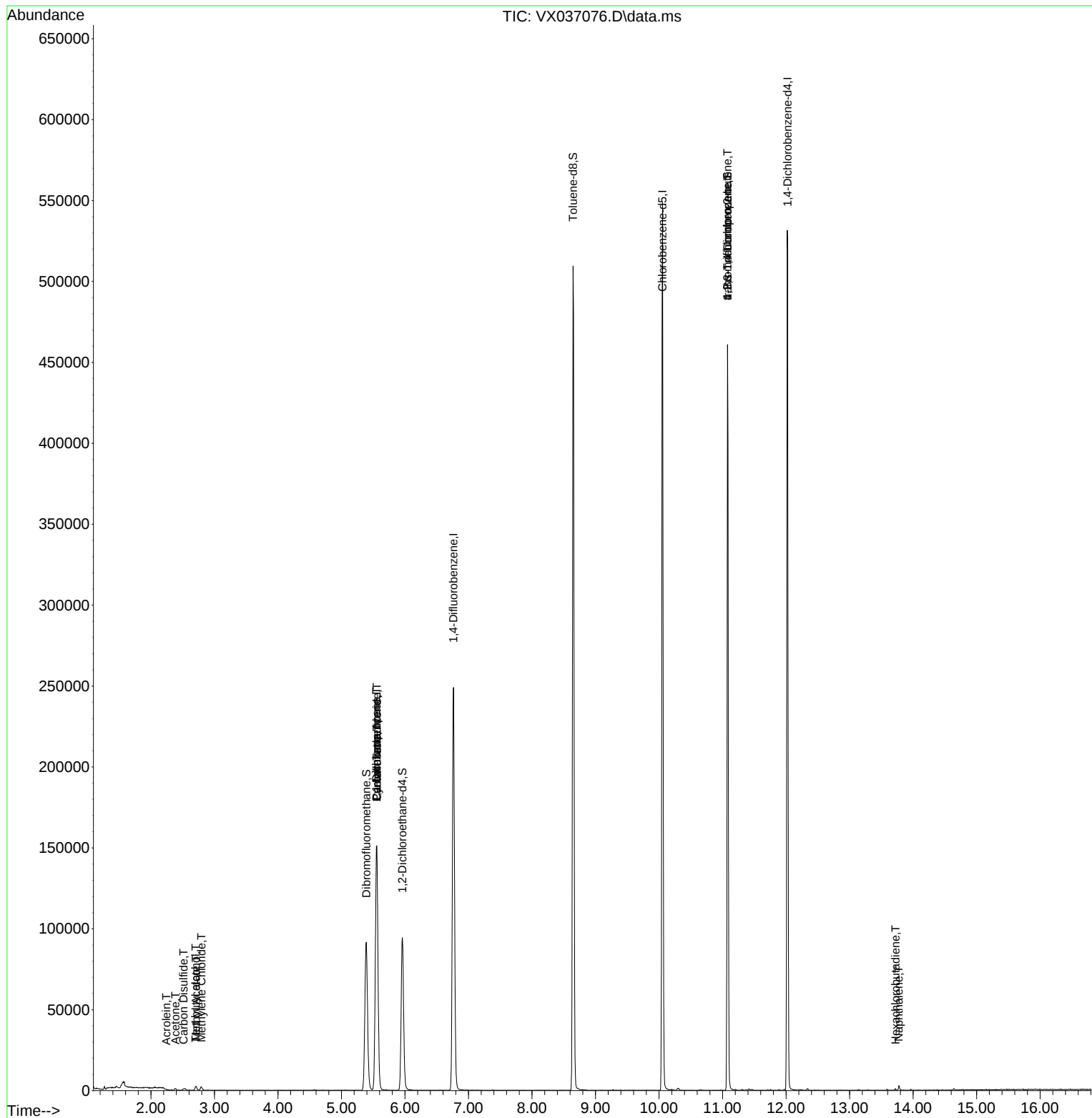
Internal Standards						
1) Pentafluorobenzene	5.556	168	140997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	257409	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96716	47.580	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.160%
35) Dibromofluoromethane	5.391	113	81940	48.065	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	8.647	98	308942	49.960	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.920%
62) 4-Bromofluorobenzene	11.079	95	125587	51.679	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.703	59	232	0.487	ug/l #	78
13) Acrolein	2.239	56	177	0.488	ug/l #	54
16) Acetone	2.386	43	1178	1.481	ug/l #	79
17) Carbon Disulfide	2.514	76	1046	0.283	ug/l #	77
18) Methyl Acetate	2.709	43	3275	1.094	ug/l	99
20) Methylene Chloride	2.794	84	1150	0.647	ug/l	92
31) Cyclohexane	5.556	56	3117	1.364	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11200	4.624	ug/l #	51
38) Carbon Tetrachloride	5.556	117	15367	5.841	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	65011	26.997	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	65011	75.403	ug/l #	5
94) Hexachlorobutadiene	13.725	225	168	0.202	ug/l	93
95) Naphthalene	13.774	128	2333	0.247	ug/l #	95

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

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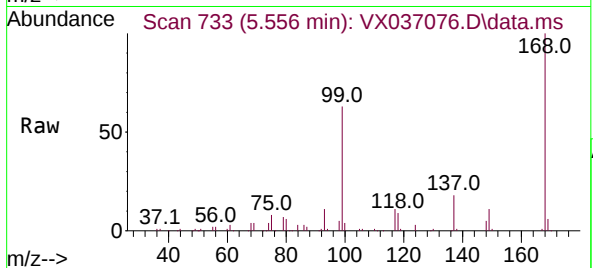
Quant Time: Aug 19 05:15:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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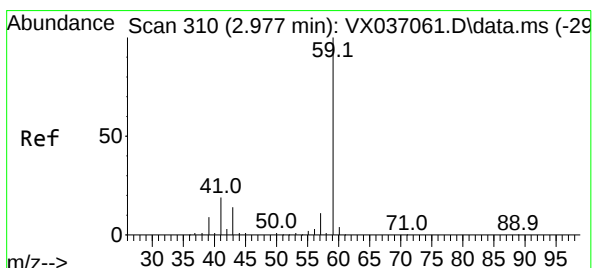
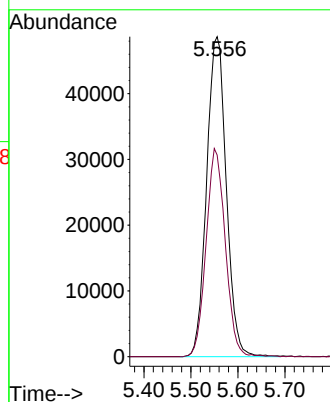
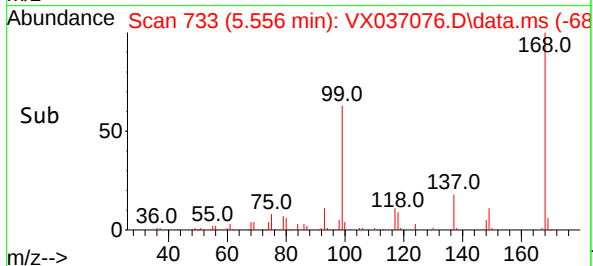


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037076.D
Acq: 18 Aug 2023 11:55

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

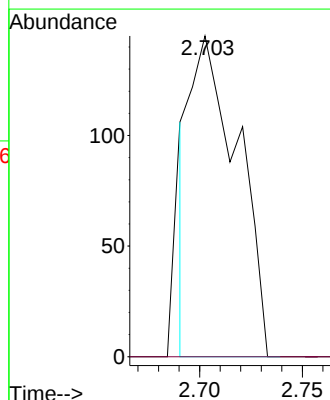
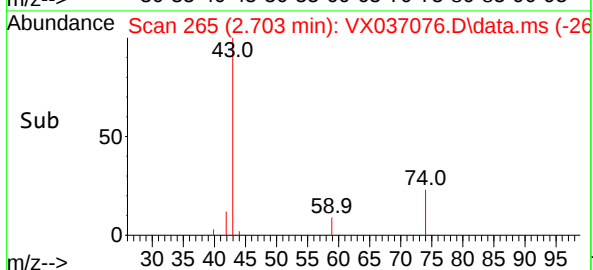
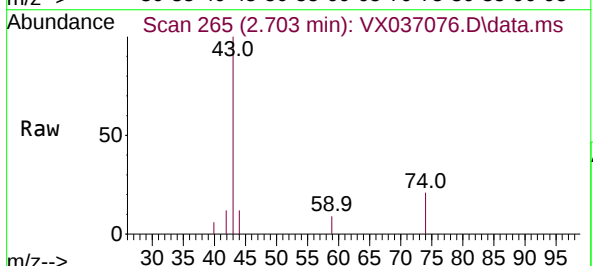


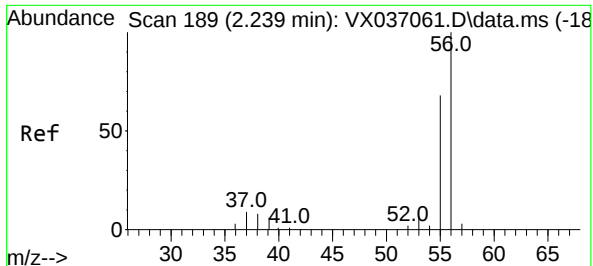
Tgt Ion:168 Resp: 140997
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.487 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.274 min
Lab File: VX037076.D
Acq: 18 Aug 2023 11:55

Tgt Ion: 59 Resp: 232
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

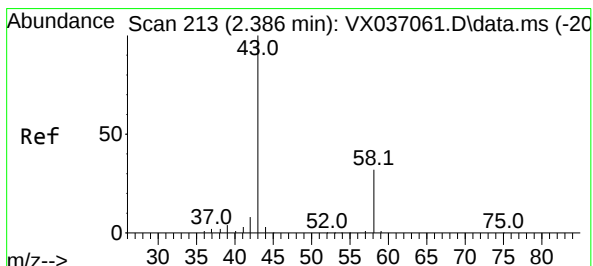
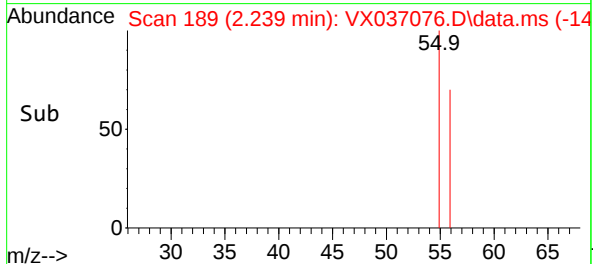
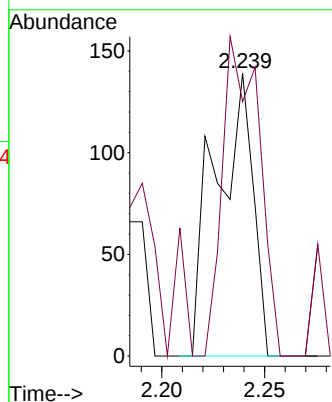
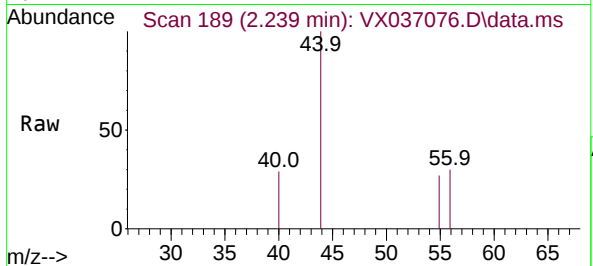




#13
Acrolein
Concen: 0.488 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX037076.D
Acq: 18 Aug 2023 11:55

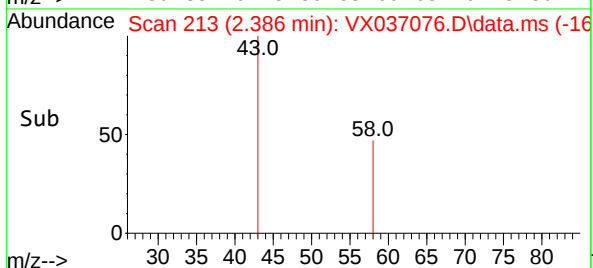
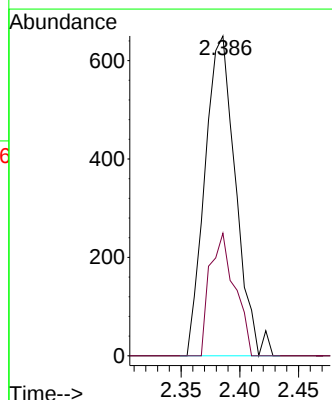
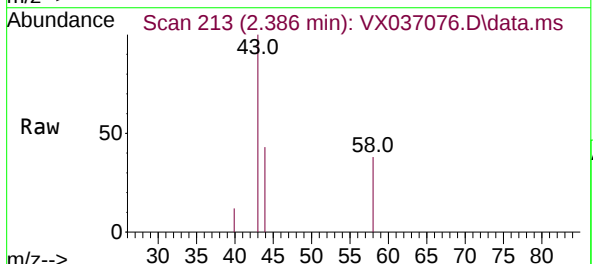
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SOIL-REF-6

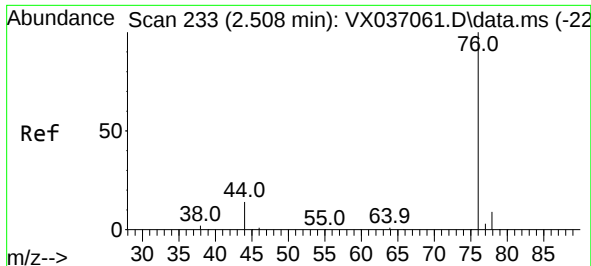
Tgt Ion: 56 Resp: 177
Ion Ratio Lower Upper
56 100
55 109.6 57.1 85.7#



#16
Acetone
Concen: 1.481 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037076.D
Acq: 18 Aug 2023 11:55

Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
58 38.3 21.9 32.9#

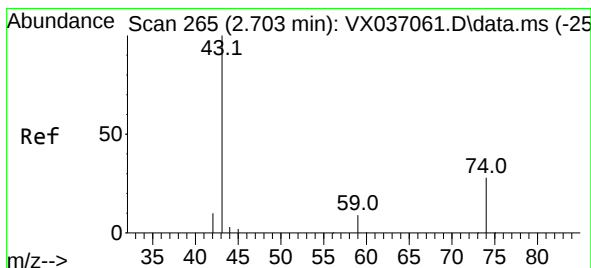
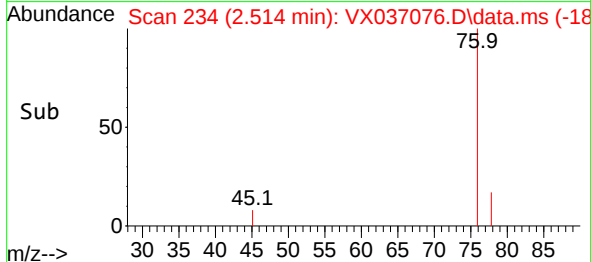
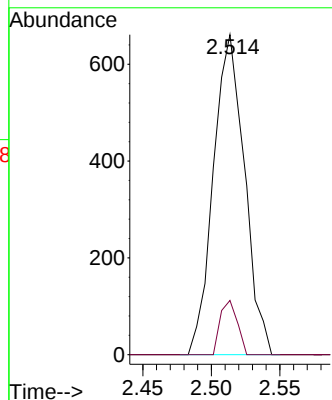
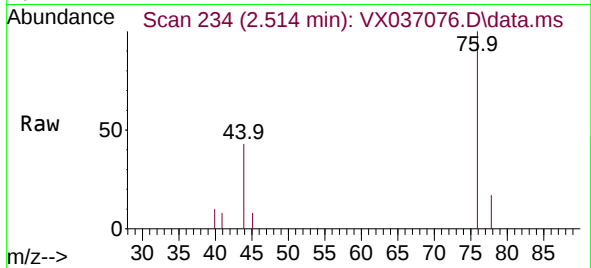




#17
Carbon Disulfide
Concen: 0.283 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037076.D
Acq: 18 Aug 2023 11:55

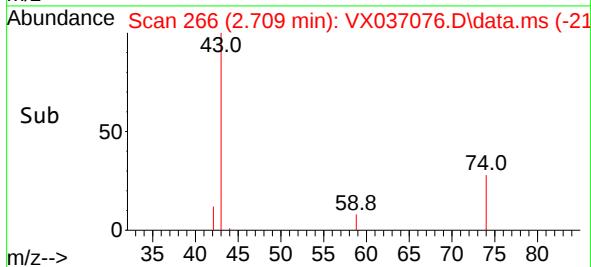
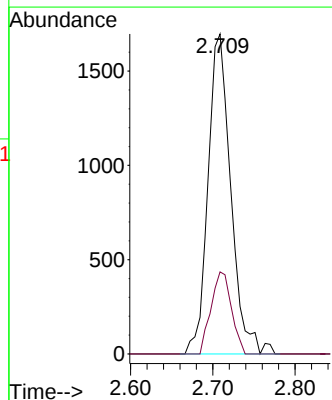
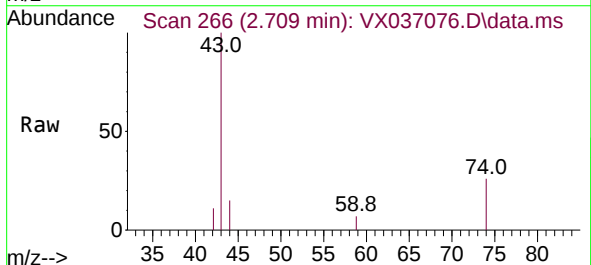
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

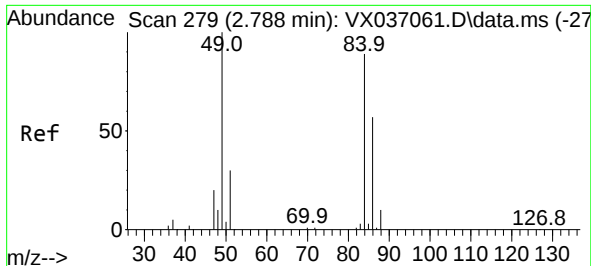
Tgt Ion: 76 Resp: 1046
Ion Ratio Lower Upper
76 100
78 16.9 7.0 10.6#



#18
Methyl Acetate
Concen: 1.094 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX037076.D
Acq: 18 Aug 2023 11:55

Tgt Ion: 43 Resp: 3275
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8





#20

Methylene Chloride

Concen: 0.647 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037076.D

Acq: 18 Aug 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 84 Resp: 1150

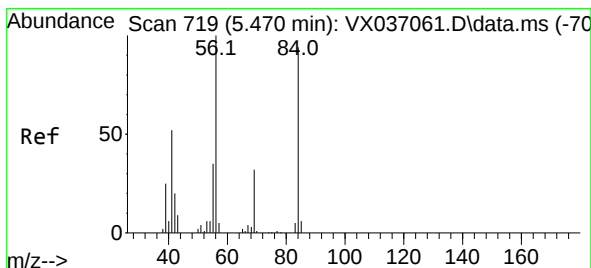
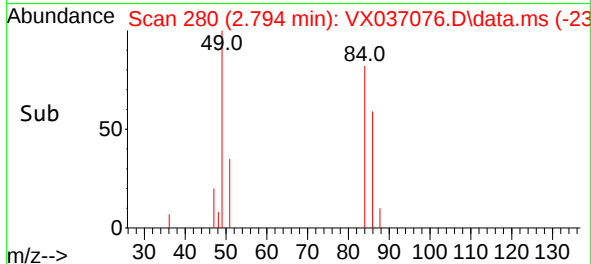
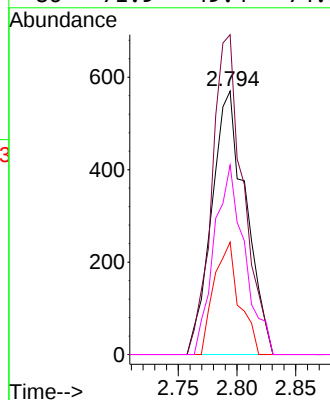
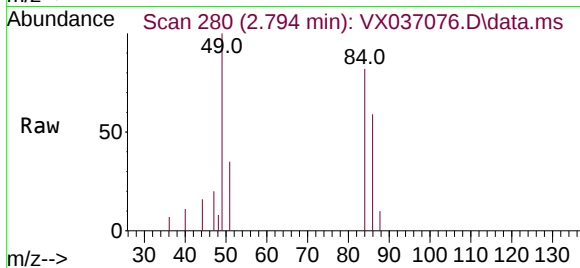
Ion Ratio Lower Upper

84 100

49 121.4 103.6 155.4

51 42.6 33.8 50.6

86 71.9 49.4 74.0



#31

Cyclohexane

Concen: 1.364 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037076.D

Acq: 18 Aug 2023 11:55

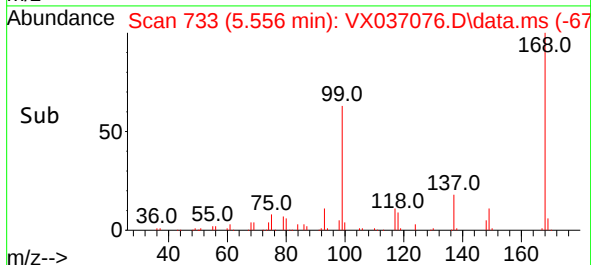
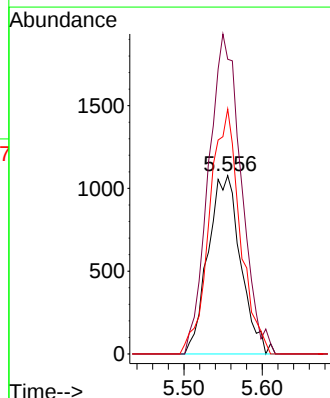
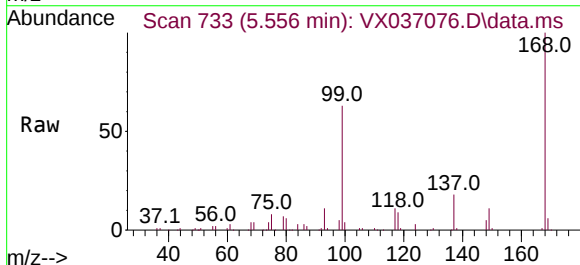
Tgt Ion: 56 Resp: 3117

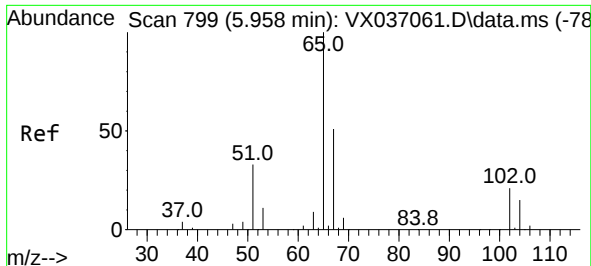
Ion Ratio Lower Upper

56 100

69 165.1 23.4 35.2#

84 137.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.580 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037076.D

Acq: 18 Aug 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

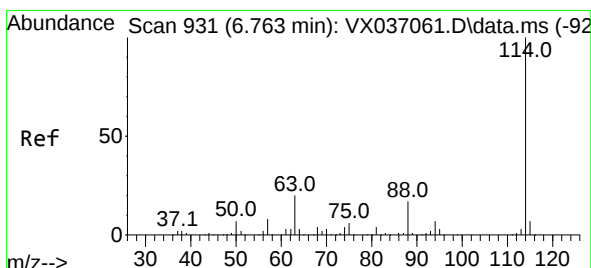
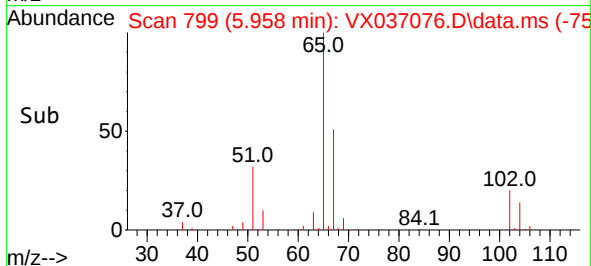
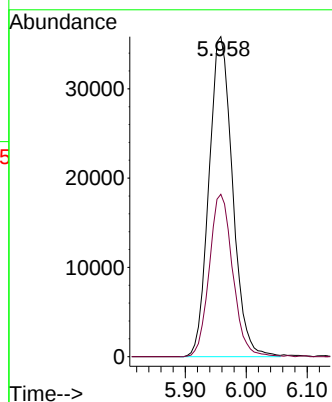
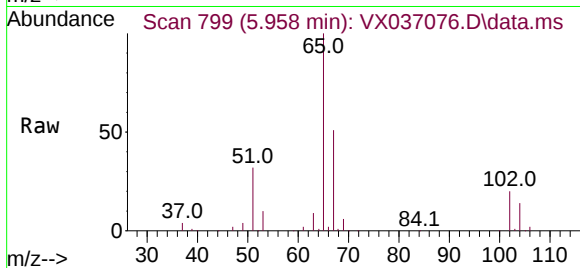
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 96716

Ion Ratio Lower Upper

65 100

67 50.2 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: VX037076.D

Acq: 18 Aug 2023 11:55

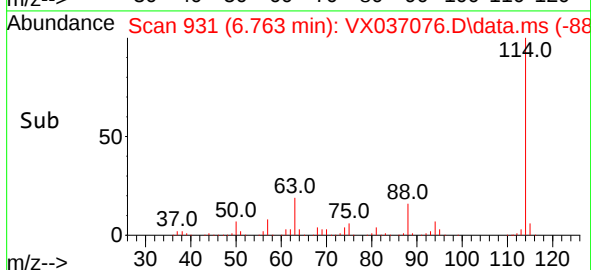
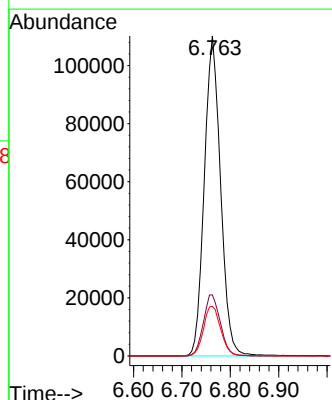
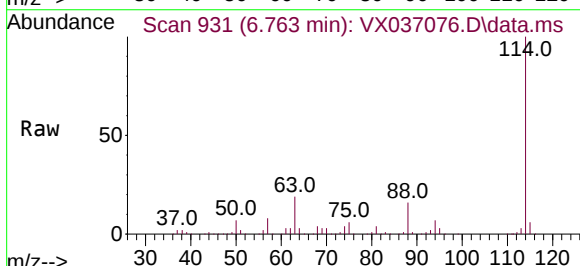
Tgt Ion: 114 Resp: 257409

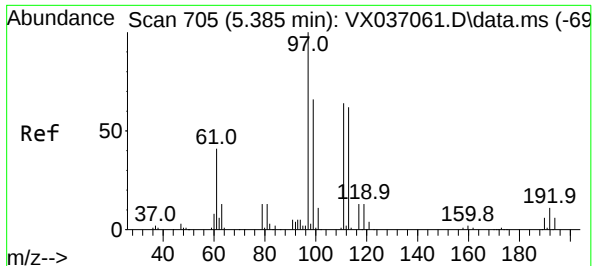
Ion Ratio Lower Upper

114 100

63 19.1 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.065 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037076.D

Acq: 18 Aug 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

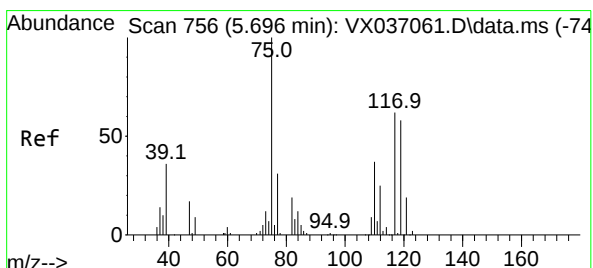
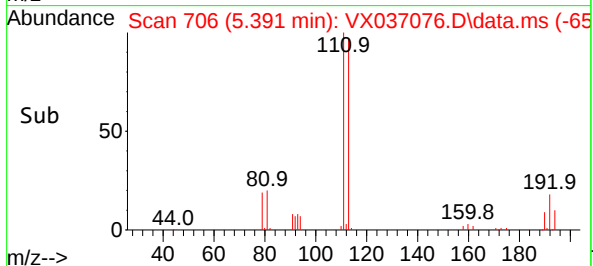
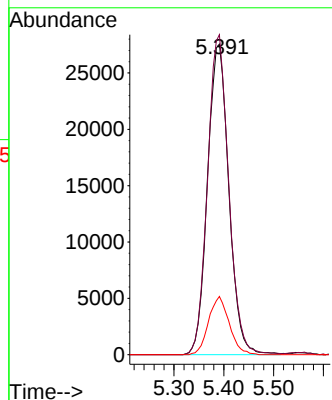
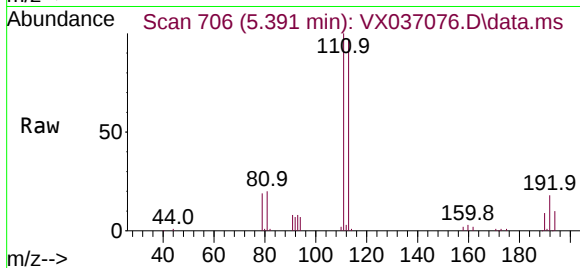
Tgt Ion:113 Resp: 81940

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 18.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.624 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX037076.D

Acq: 18 Aug 2023 11:55

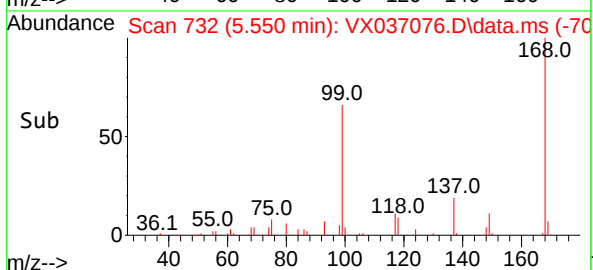
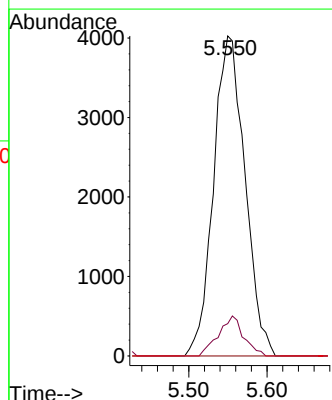
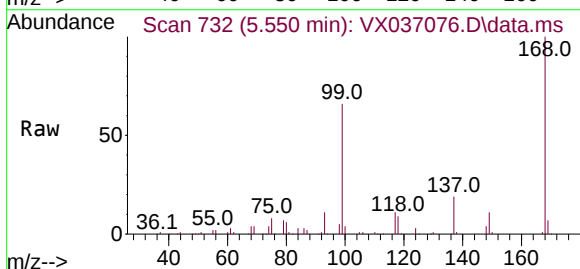
Tgt Ion: 75 Resp: 11200

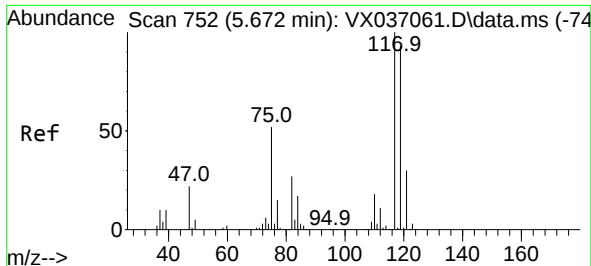
Ion Ratio Lower Upper

75 100

110 10.0 17.0 50.9#

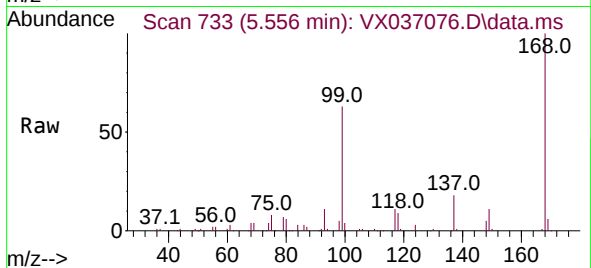
77 0.0 24.7 37.1#



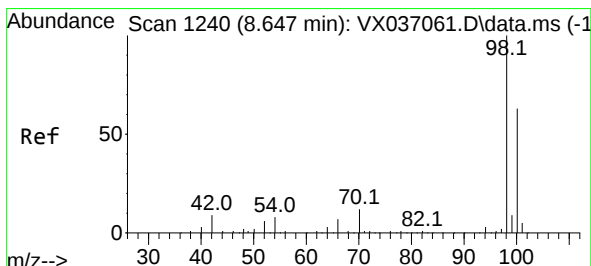
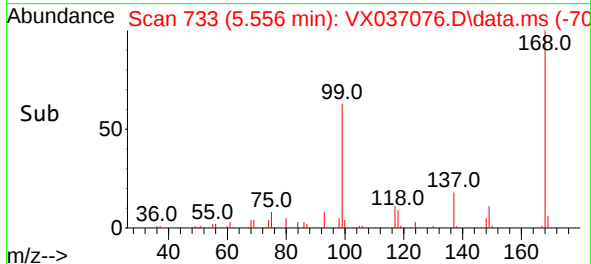
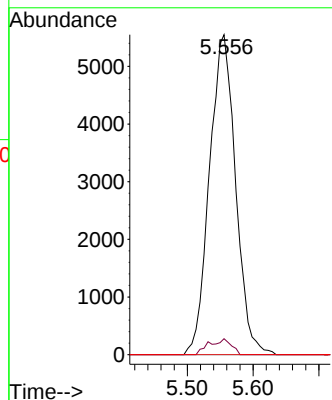


#38
Carbon Tetrachloride
Concen: 5.841 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX037076.D
Acq: 18 Aug 2023 11:55

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

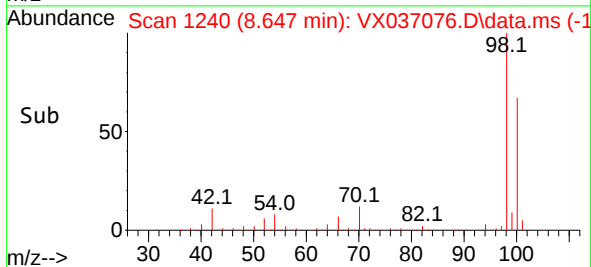
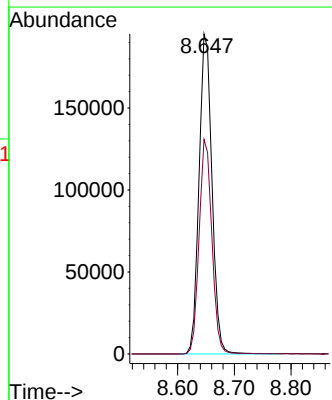
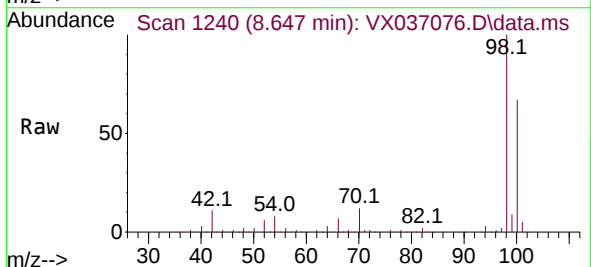


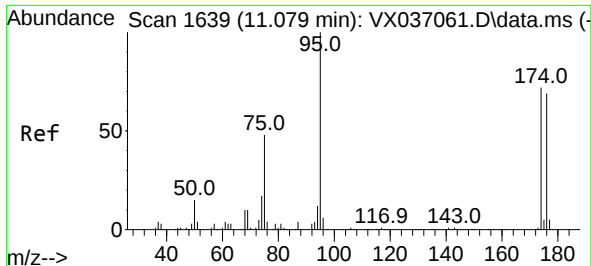
Tgt Ion:117 Resp: 15367
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.960 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037076.D
Acq: 18 Aug 2023 11:55

Tgt Ion: 98 Resp: 308942
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

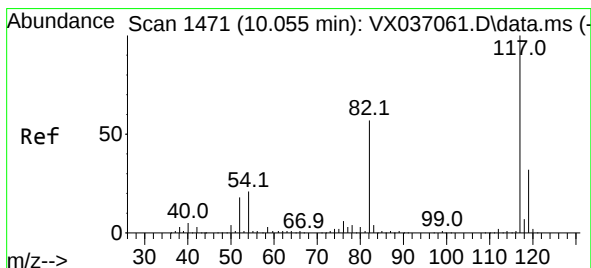
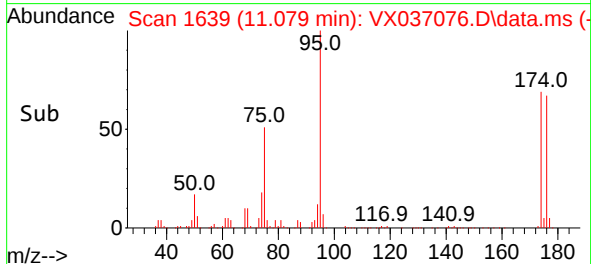
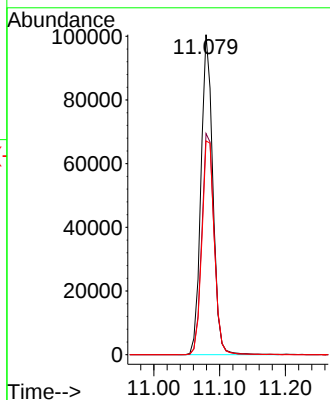
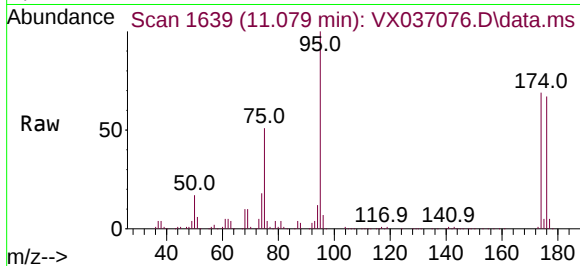




#62
4-Bromofluorobenzene
Concen: 51.679 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037076.D
Acq: 18 Aug 2023 11:55

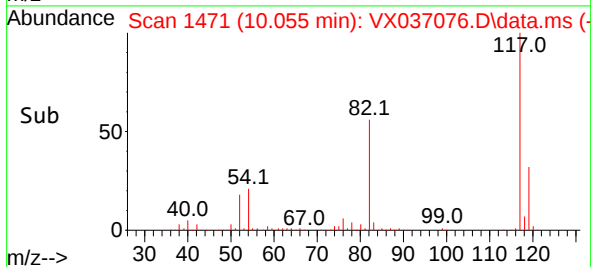
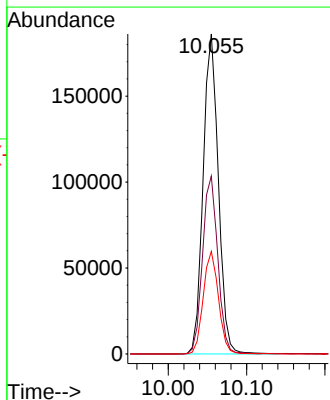
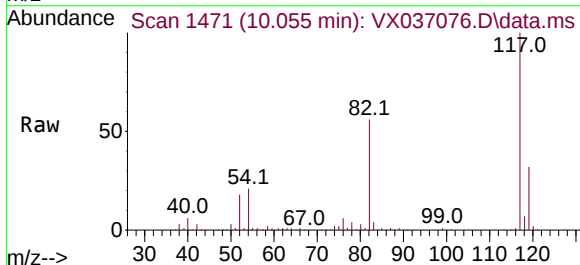
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

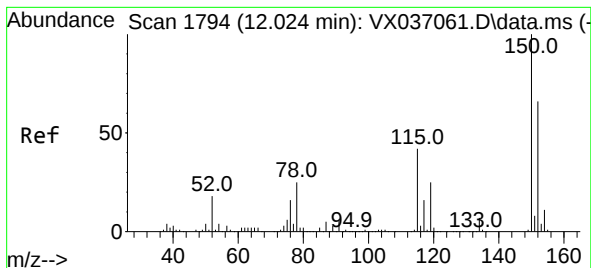
Tgt Ion: 95 Resp: 125587
Ion Ratio Lower Upper
95 100
174 72.1 0.0 135.6
176 70.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037076.D
Acq: 18 Aug 2023 11:55

Tgt Ion: 117 Resp: 250567
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037076.D

Acq: 18 Aug 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

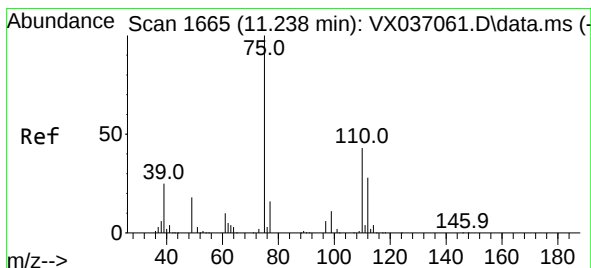
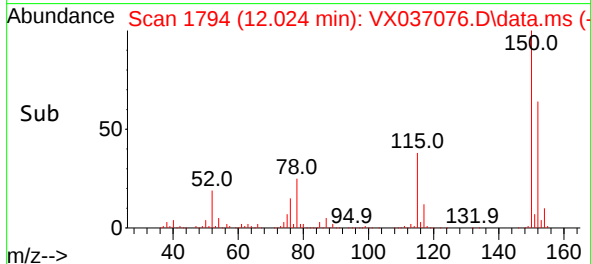
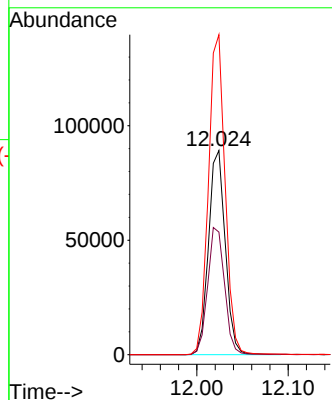
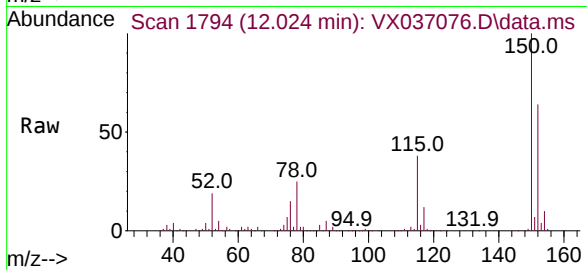
Tgt Ion:152 Resp: 113074

Ion Ratio Lower Upper

152 100

115 62.8 43.3 129.9

150 156.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.997 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037076.D

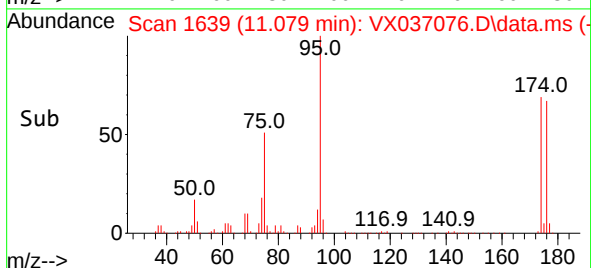
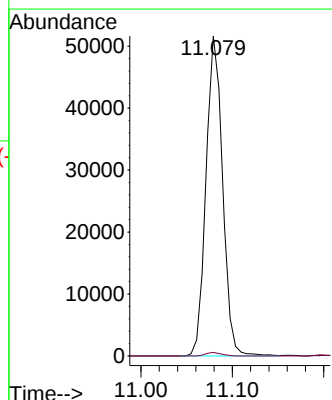
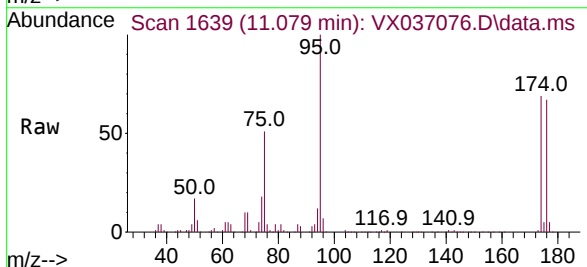
Acq: 18 Aug 2023 11:55

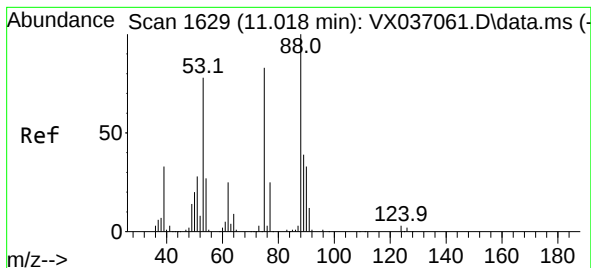
Tgt Ion: 75 Resp: 65011

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

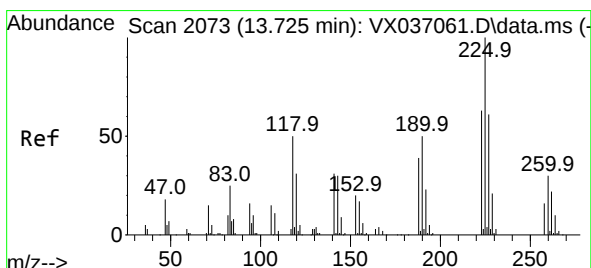
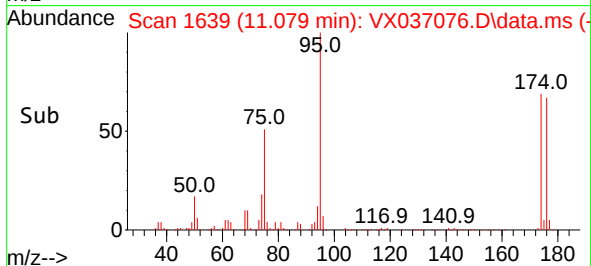
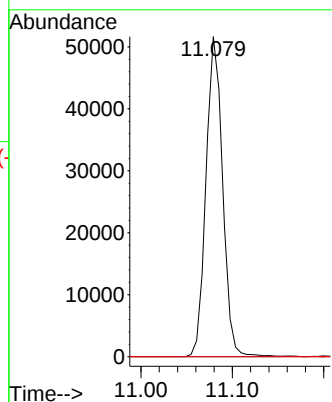
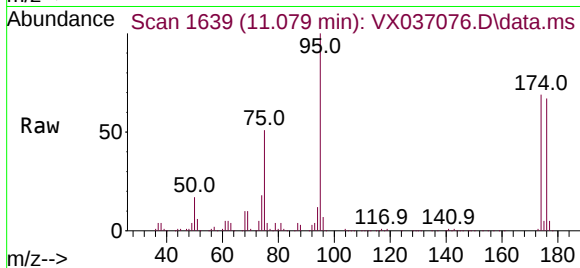




#81
trans-1,4-Dichloro-2-butene
Concen: 75.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037076.D
Acq: 18 Aug 2023 11:55

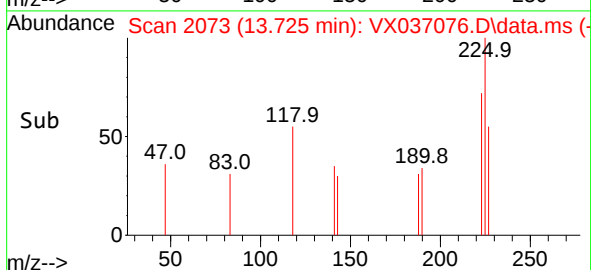
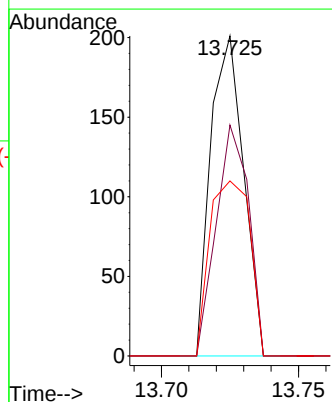
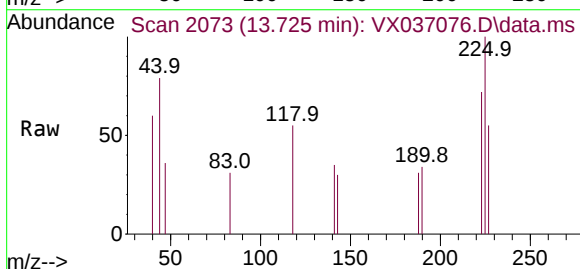
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

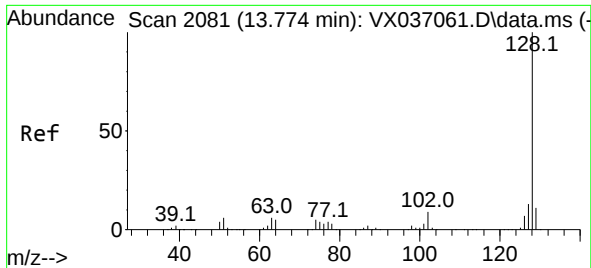
Tgt Ion: 75 Resp: 65011
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#94
Hexachlorobutadiene
Concen: 0.202 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037076.D
Acq: 18 Aug 2023 11:55

Tgt Ion: 225 Resp: 168
Ion Ratio Lower Upper
225 100
223 70.8 31.1 93.2
227 67.3 32.5 97.5





#95

Naphthalene

Concen: 0.247 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037076.D

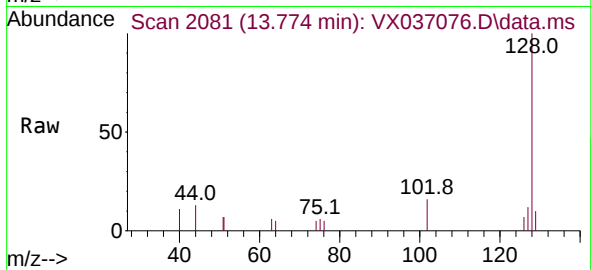
Acq: 18 Aug 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion:	128	Resp:	2333
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	7.8	8.8	13.2#

