

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037513.D
 Acq On : 05 Sep 2023 15:33
 Operator : JC/MD
 Sample : 04276-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Sep 06 02:55:37 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)

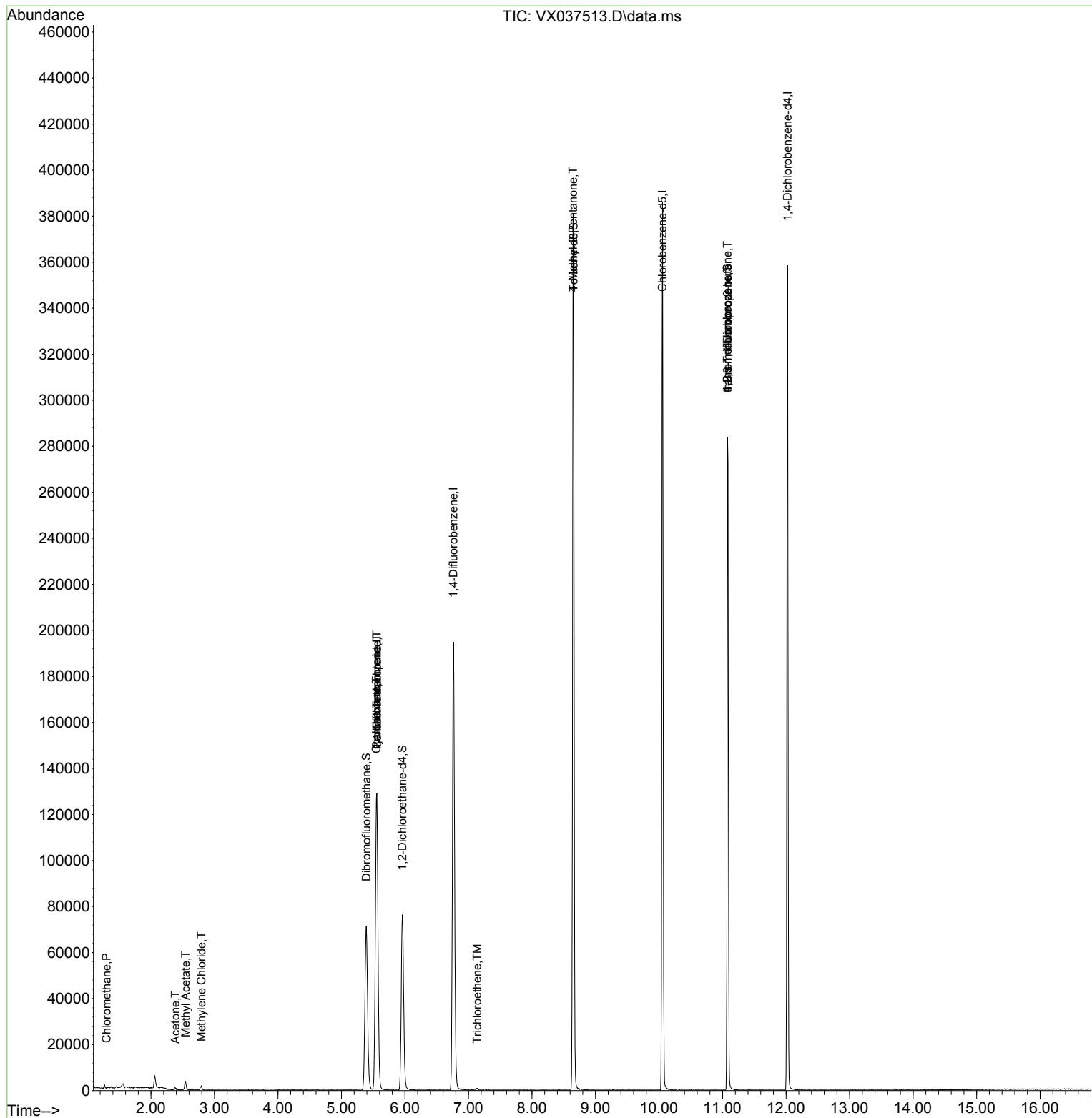
Internal Standards						
1) Pentafluorobenzene	5.556	168	124195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207064	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74583	41.655	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.320%
35) Dibromofluoromethane	5.391	113	64185	46.805	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.600%
50) Toluene-d8	8.653	98	241509	48.551	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.079	95	85073	43.519	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.040%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	404	0.320	ug/l #	43
16) Acetone	2.386	43	1101	1.572	ug/l #	85
18) Methyl Acetate	2.544	43	1178	0.447	ug/l #	53
20) Methylene Chloride	2.794	84	918	0.586	ug/l #	83
31) Cyclohexane	5.550	56	2185	1.085	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9446	4.848	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13156	6.216	ug/l #	16
44) Trichloroethene	7.135	130	343	0.216	ug/l	55
51) 4-Methyl-2-Pentanone	8.647	43	900	0.469	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40566	24.523	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	40566	68.495	ug/l #	5

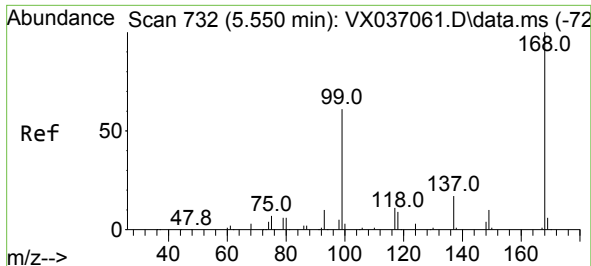
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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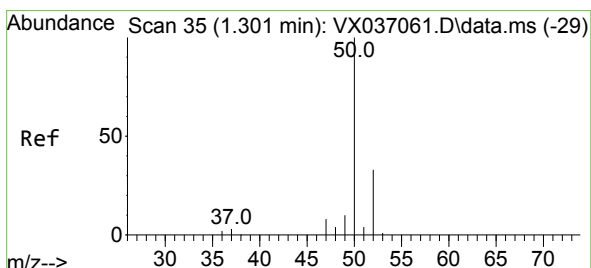
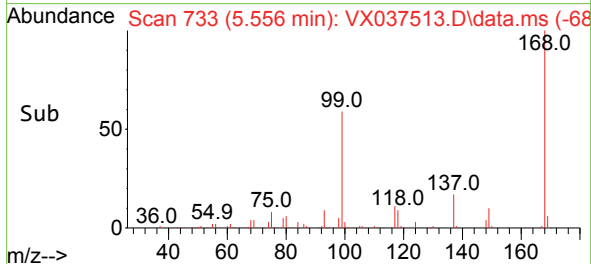
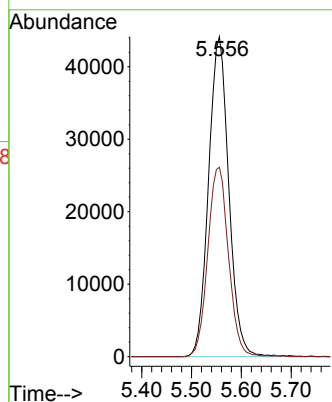
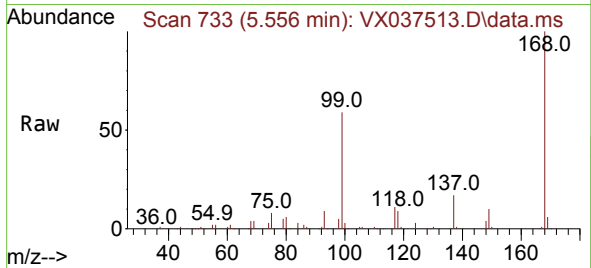




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

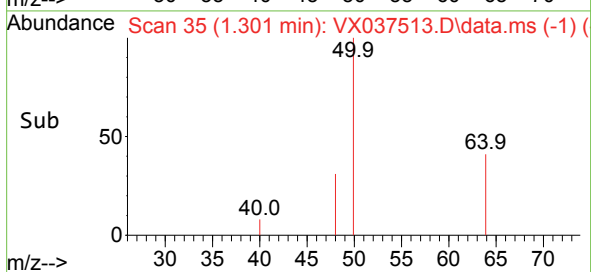
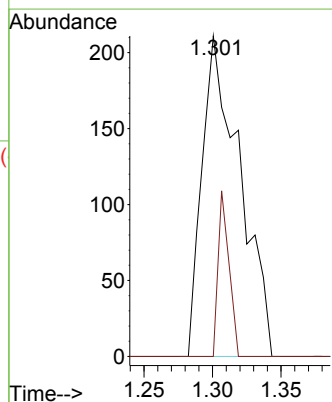
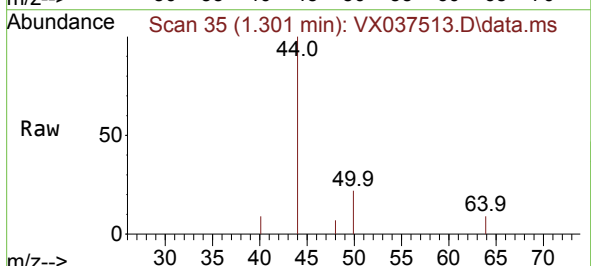
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 124195
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#3
Chloromethane
Concen: 0.320 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

Tgt Ion: 50 Resp: 404
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

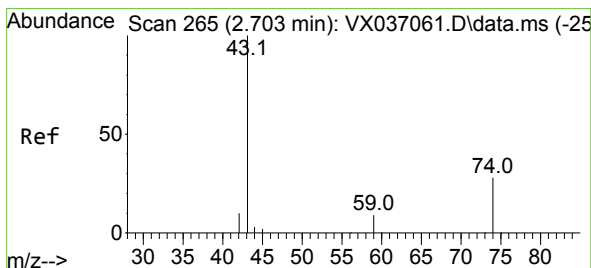
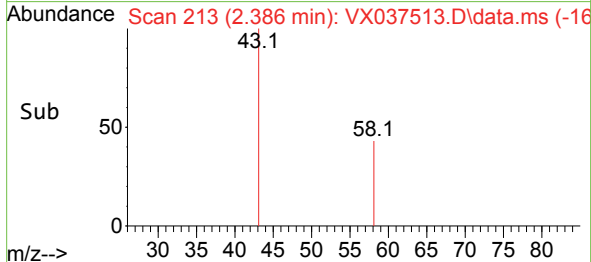
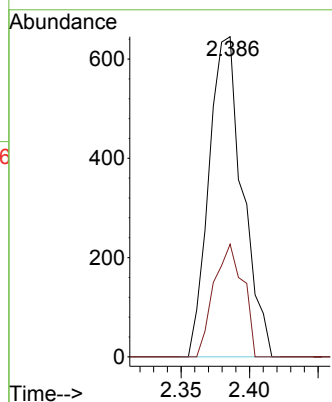
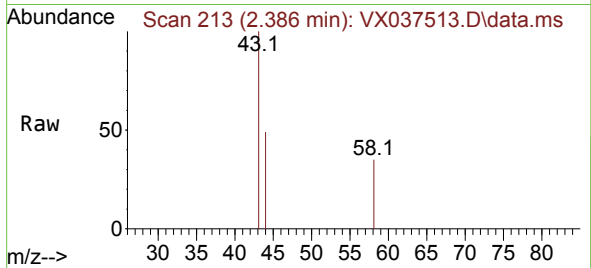




#16
Acetone
Concen: 1.572 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

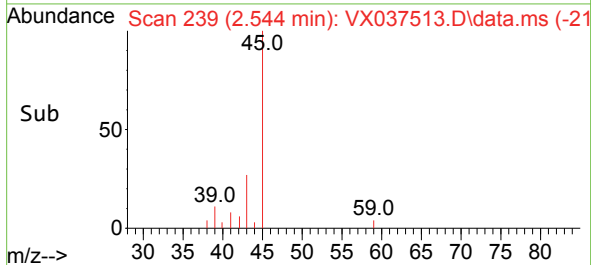
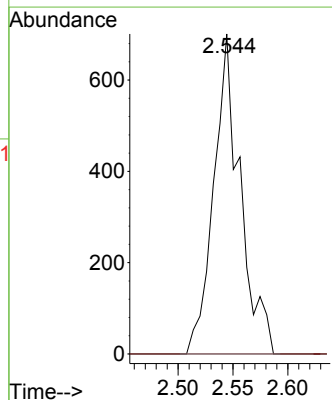
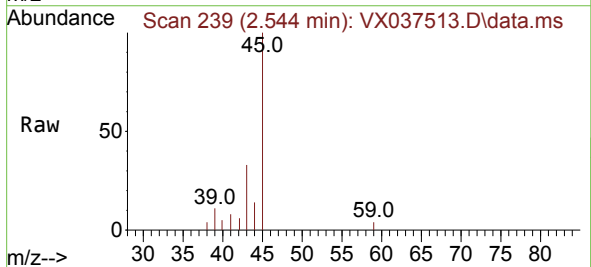
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

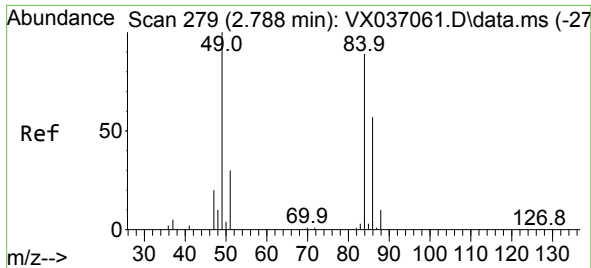
Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 35.2 21.9 32.9#



#18
Methyl Acetate
Concen: 0.447 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.158 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

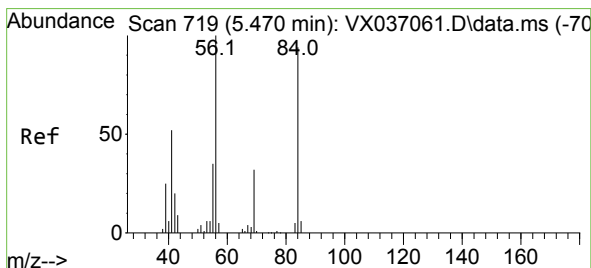
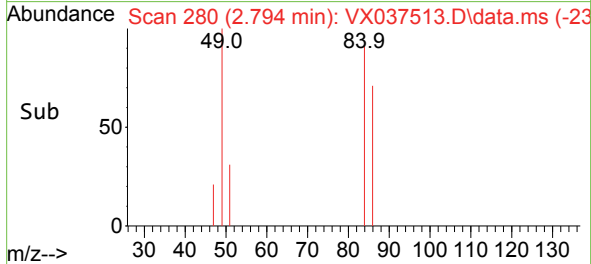
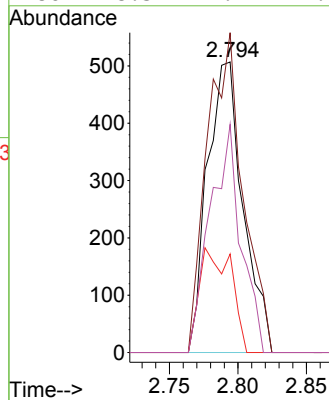
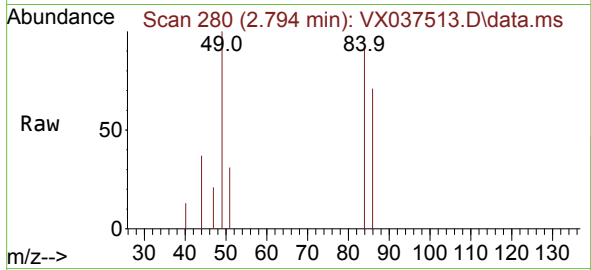




#20
Methylene Chloride
Concen: 0.586 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

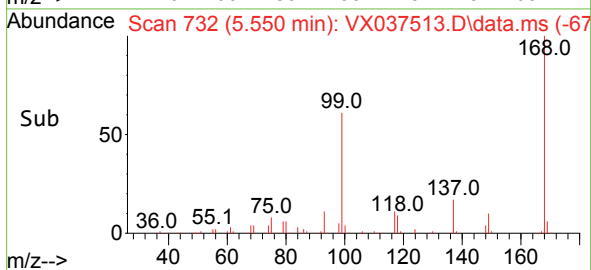
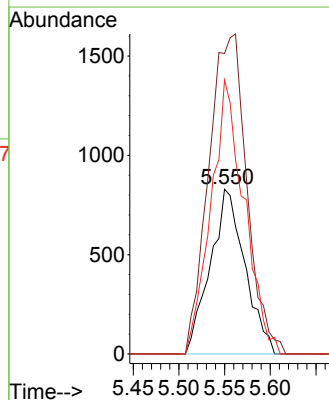
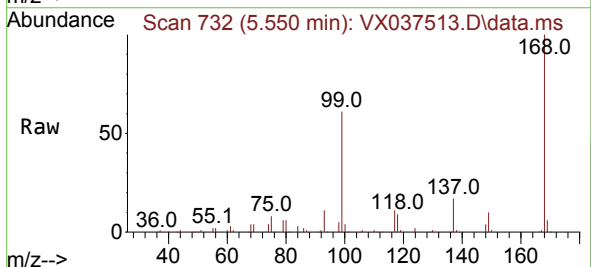
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

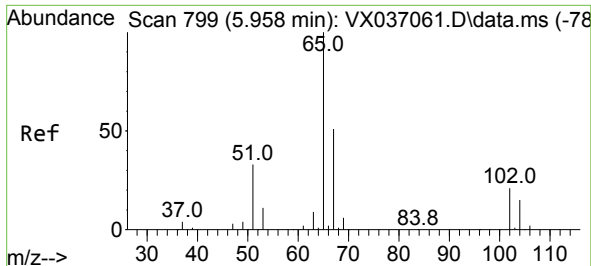
Tgt Ion:	84	Resp:	918
Ion	Ratio	Lower	Upper
84	100		
49	110.1	103.6	155.4
51	33.9	33.8	50.6
86	78.5	49.4	74.0#



#31
Cyclohexane
Concen: 1.085 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

Tgt Ion:	56	Resp:	2185
Ion	Ratio	Lower	Upper
56	100		
69	182.3	23.4	35.2#
84	166.1	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.655 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037513.D

Acq: 05 Sep 2023 15:33

Instrument :

MSVOA_X

ClientSampleId :

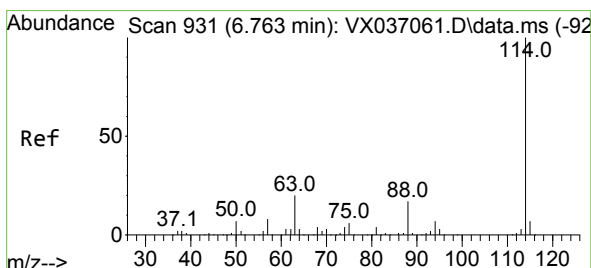
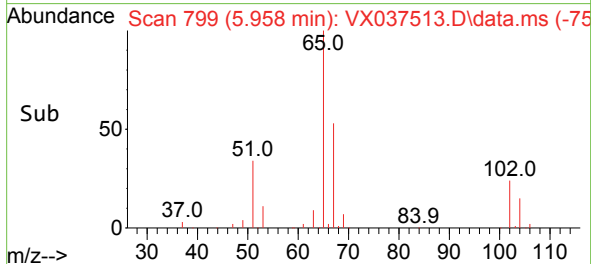
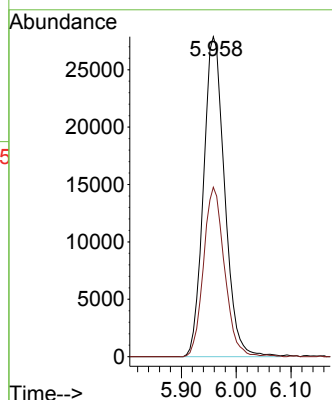
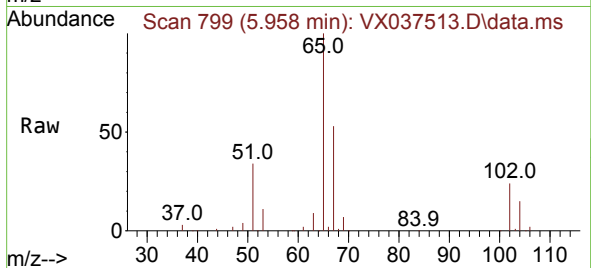
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 65 Resp: 74583

Ion Ratio Lower Upper

65 100

67 52.4 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: VX037513.D

Acq: 05 Sep 2023 15:33

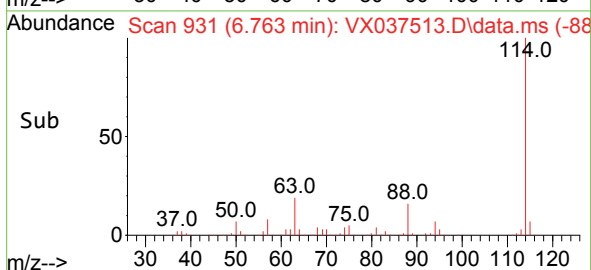
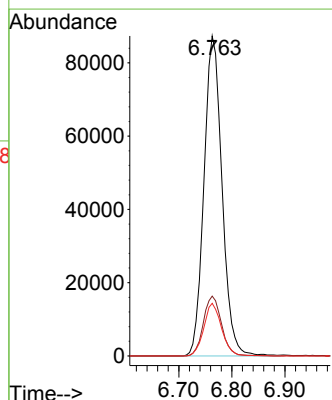
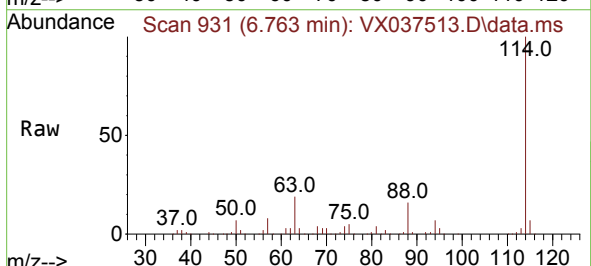
Tgt Ion: 114 Resp: 207064

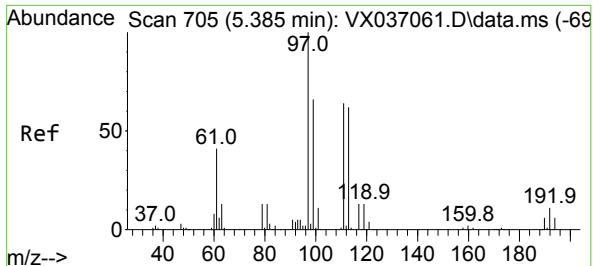
Ion Ratio Lower Upper

114 100

63 18.7 0.0 45.0

88 16.5 0.0 36.6

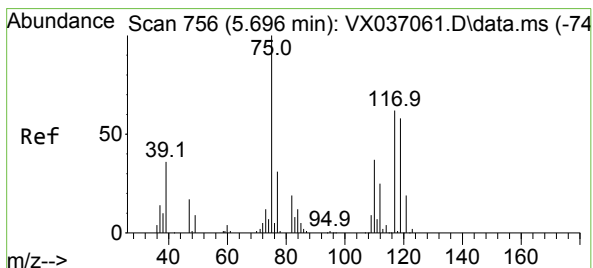
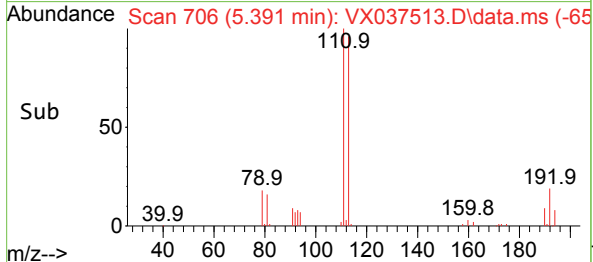
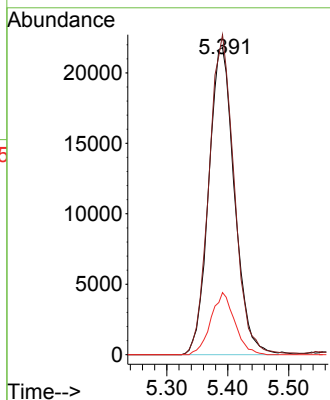
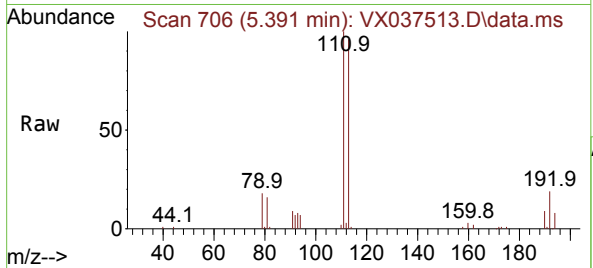




#35
Dibromofluoromethane
Concen: 46.805 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

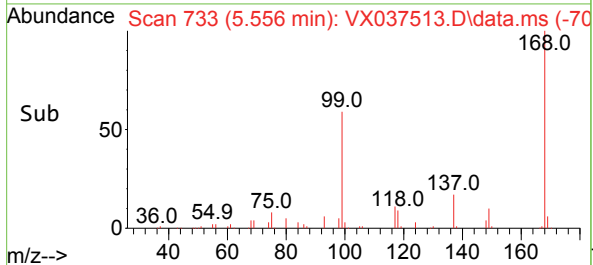
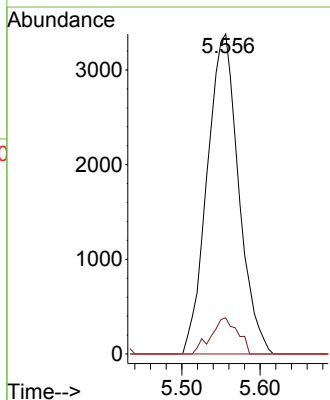
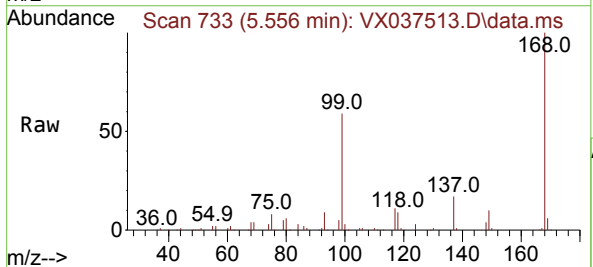
Instrument :
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

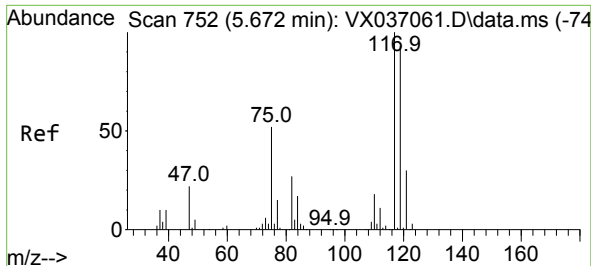
Tgt Ion:113 Resp: 64185
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.848 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

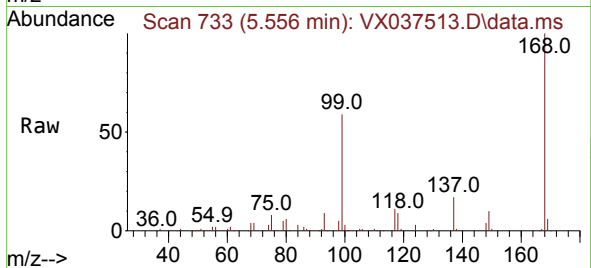
Tgt Ion: 75 Resp: 9446
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



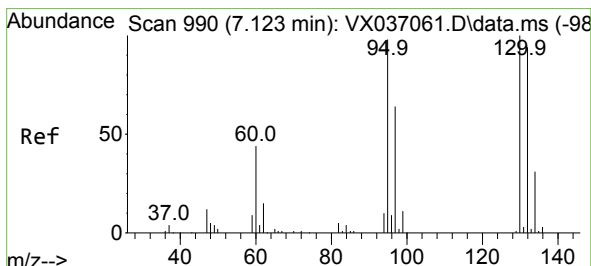
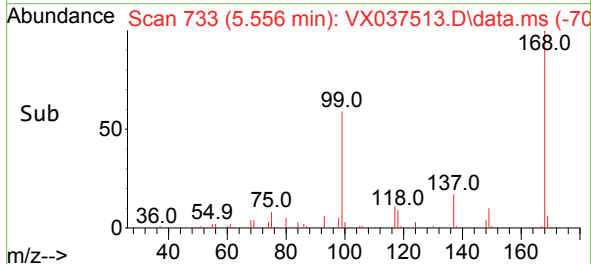
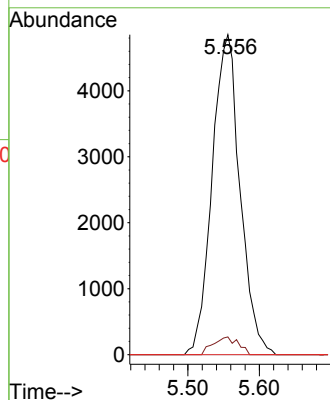


#38
Carbon Tetrachloride
Concen: 6.216 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

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

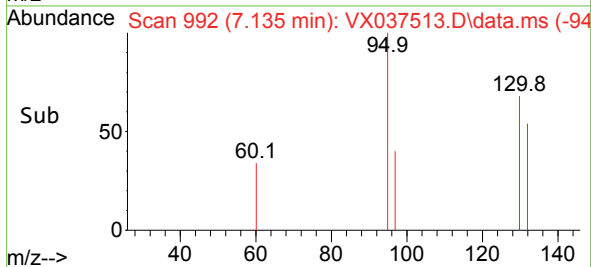
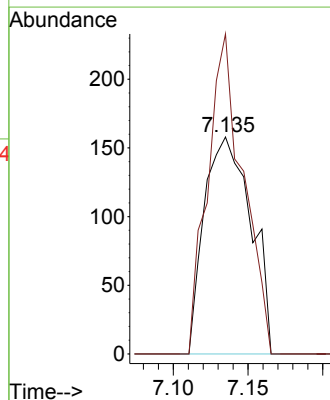
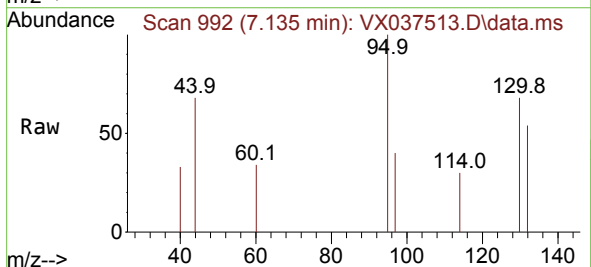


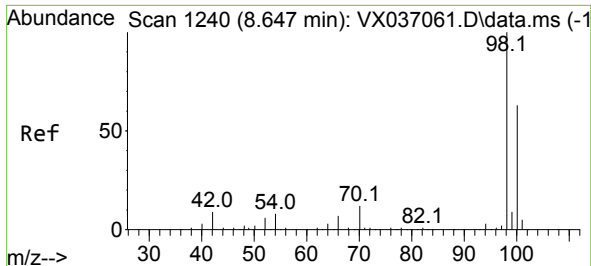
Tgt Ion:117 Resp: 13156
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.216 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

Tgt Ion:130 Resp: 343
Ion Ratio Lower Upper
130 100
95 147.5 0.0 204.4

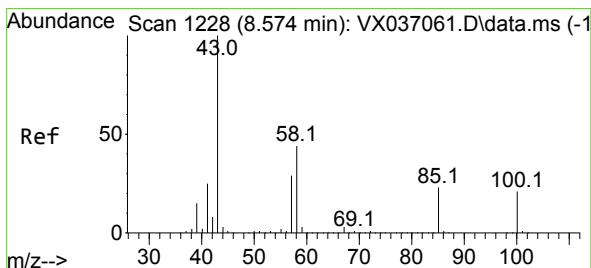
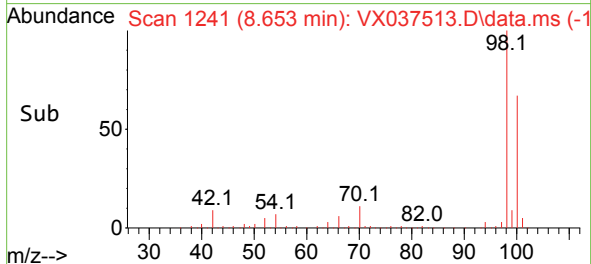
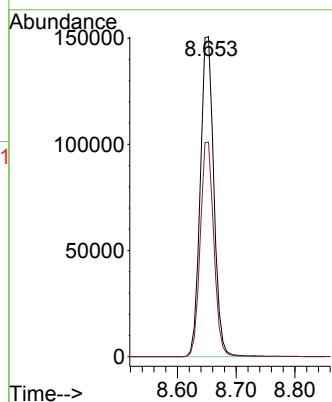
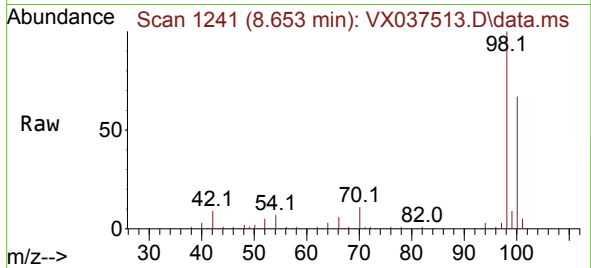




#50
Toluene-d8
Concen: 48.551 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

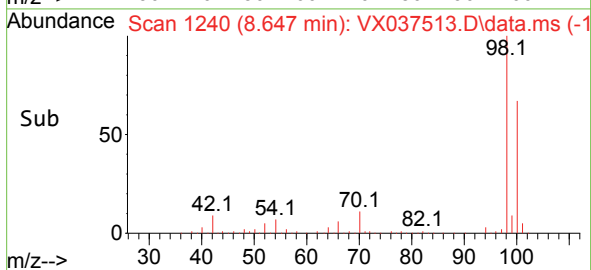
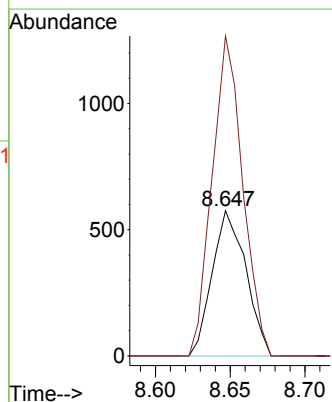
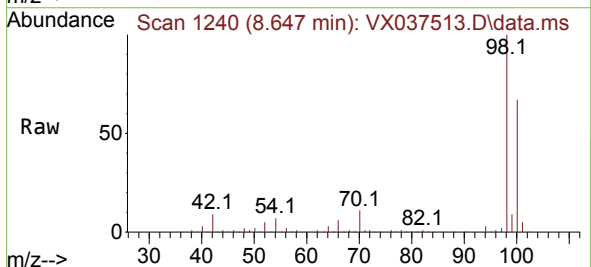
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

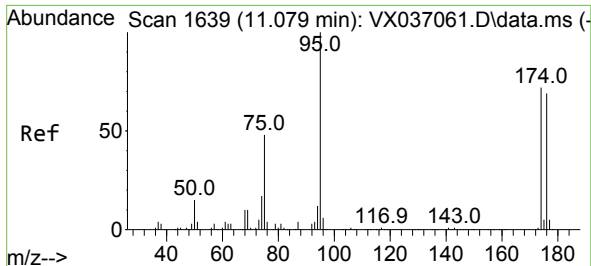
Tgt Ion: 98 Resp: 241509
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.469 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
58 200.6 30.4 45.6#

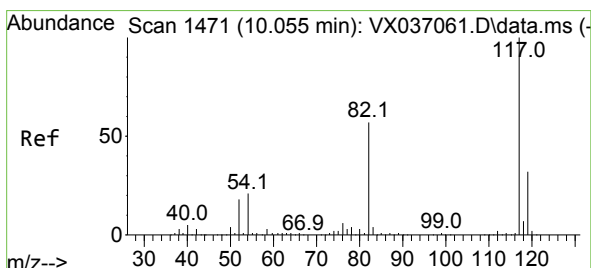
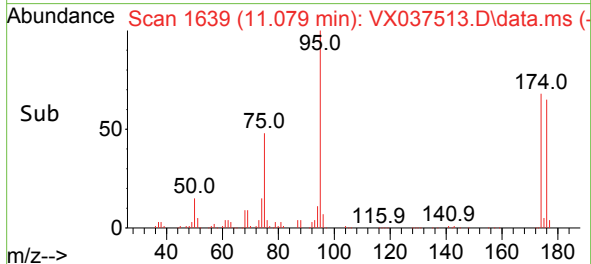
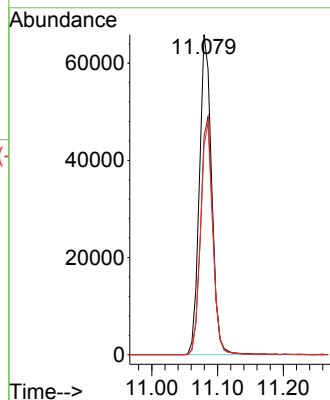
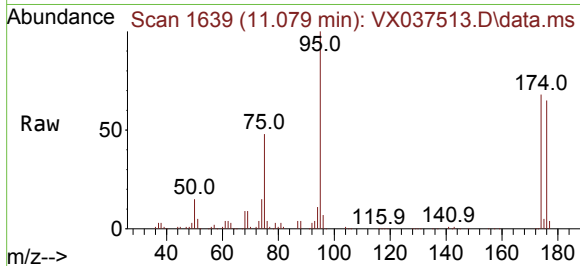




#62
4-Bromofluorobenzene
Concen: 43.519 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

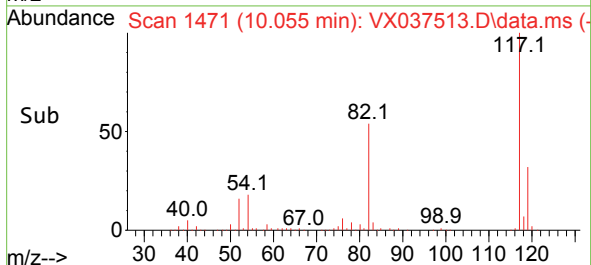
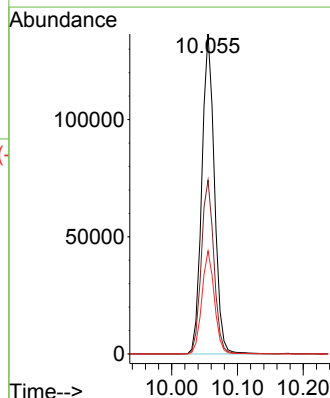
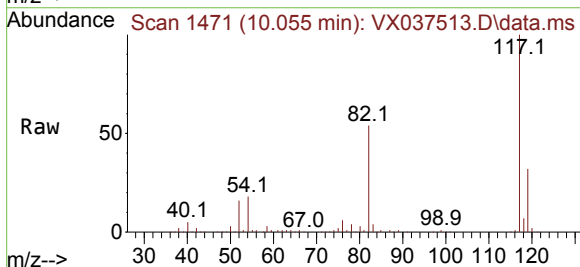
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

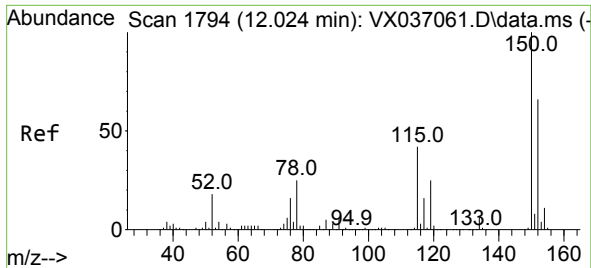
Tgt Ion: 95 Resp: 85073
Ion Ratio Lower Upper
95 100
174 74.6 0.0 135.6
176 72.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

Tgt Ion: 117 Resp: 181716
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.2 25.5 38.3

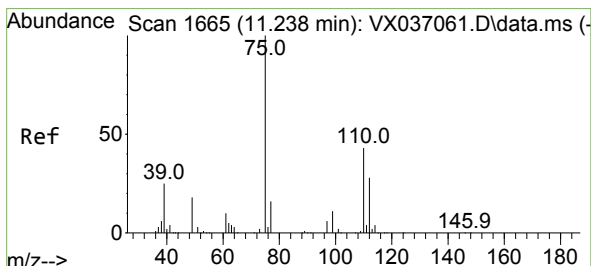
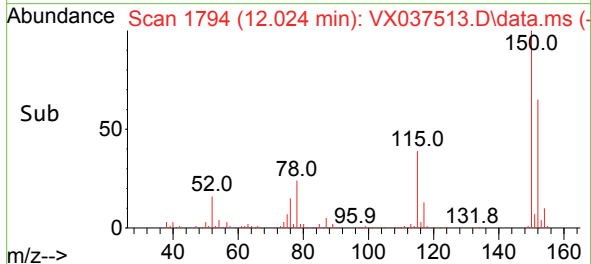
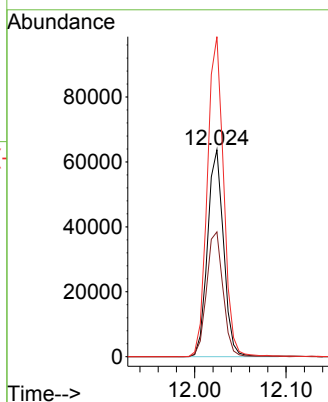
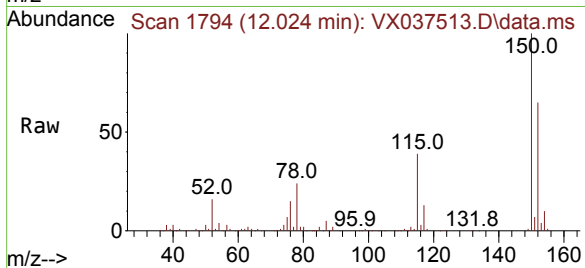




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

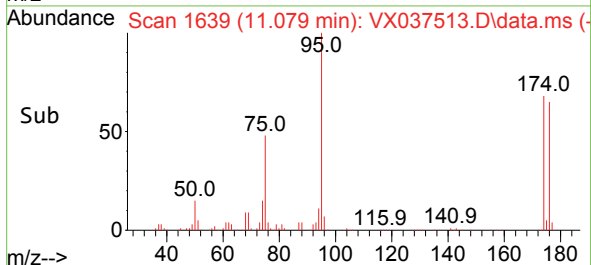
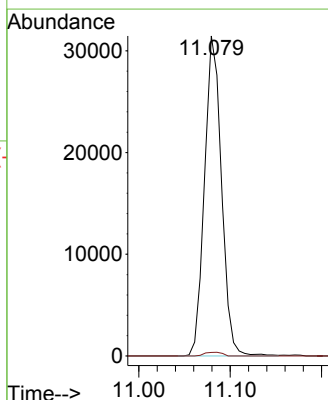
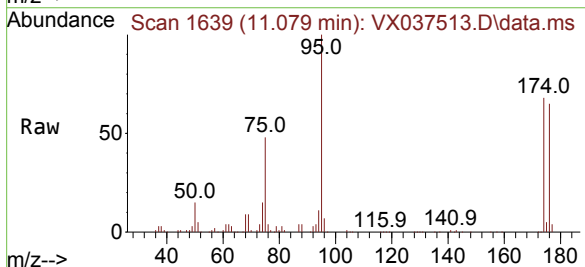
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

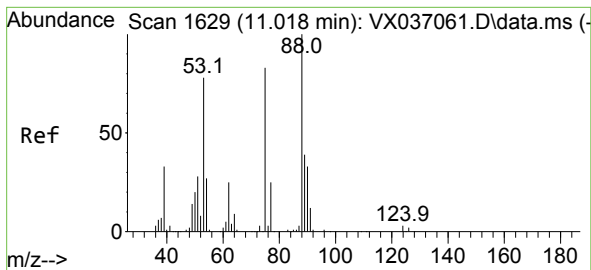
Tgt Ion:152 Resp: 77673
Ion Ratio Lower Upper
152 100
115 62.0 43.3 129.9
150 157.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.523 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037513.D
Acq: 05 Sep 2023 15:33

Tgt Ion: 75 Resp: 40566
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.495 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037513.D
 Acq: 05 Sep 2023 15:33

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

Tgt Ion: 75 Resp: 40566
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

