

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036308.D
 Acq On : 24 Jun 2023 13:54
 Operator : JC/MD
 Sample : 03319-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jun 26 03:24:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

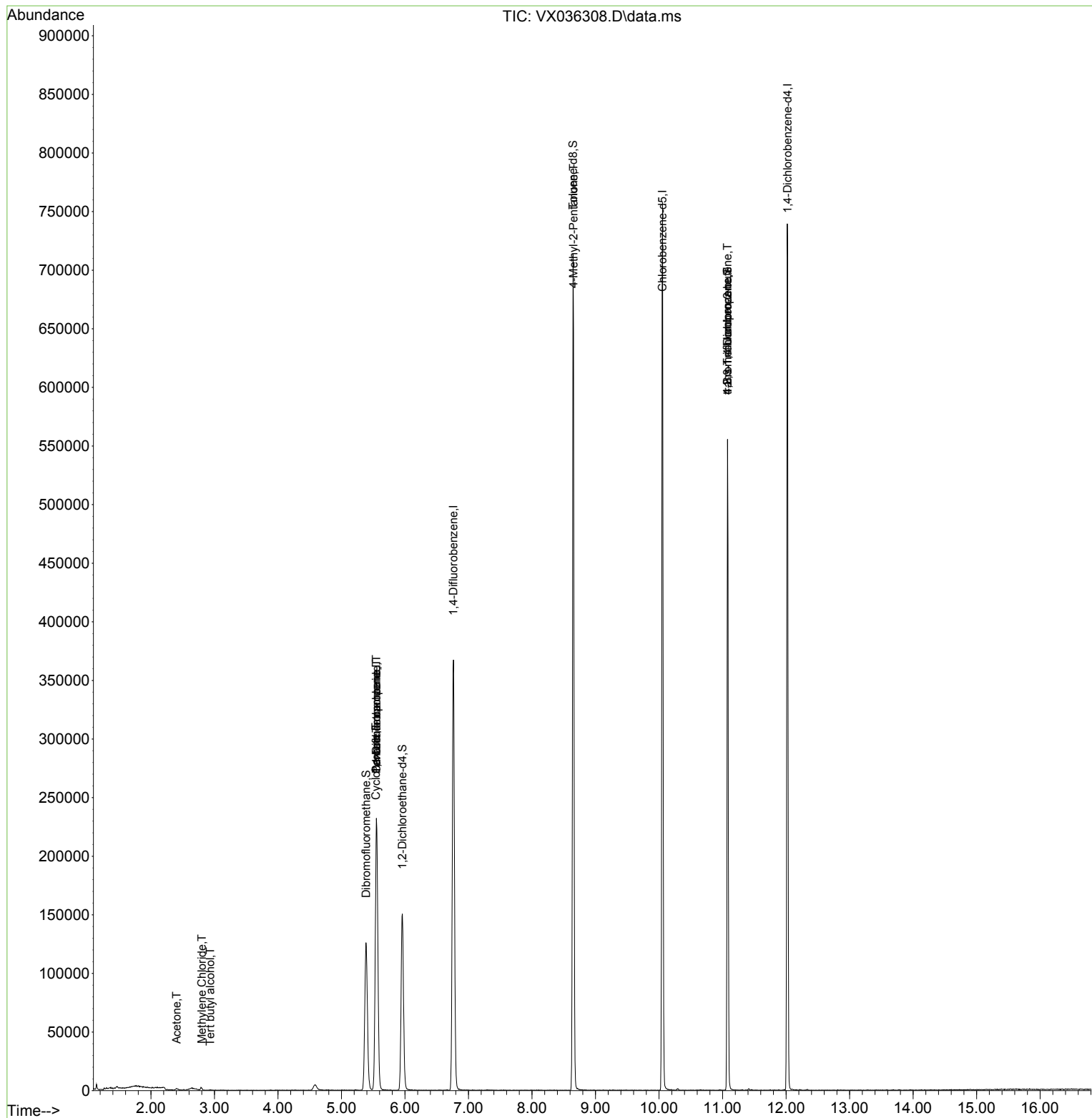
Internal Standards						
1) Pentafluorobenzene	5.550	168	215552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	374810	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	337701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146788	47.507	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.020%
35) Dibromofluoromethane	5.385	113	112539	45.537	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.080%
50) Toluene-d8	8.647	98	422874	45.812	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.620%#
62) 4-Bromofluorobenzene	11.079	95	146418	45.033	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.060%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	180	0.320	ug/l #	78
16) Acetone	2.404	43	2218	1.679	ug/l #	69
20) Methylene Chloride	2.800	84	919	0.323	ug/l #	55
31) Cyclohexane	5.544	56	5077	1.282	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	17842	4.843	ug/l #	52
38) Carbon Tetrachloride	5.550	117	22438	6.669	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1896	0.491	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	76057	23.306	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	76057	75.971	ug/l #	5

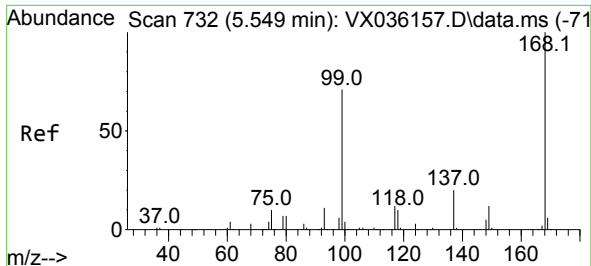
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

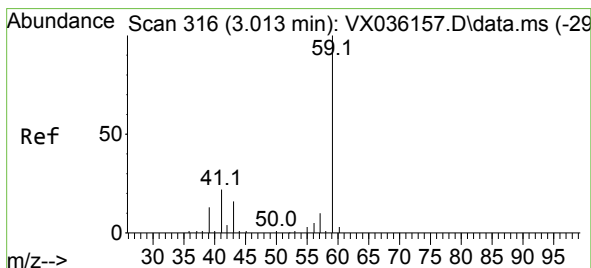
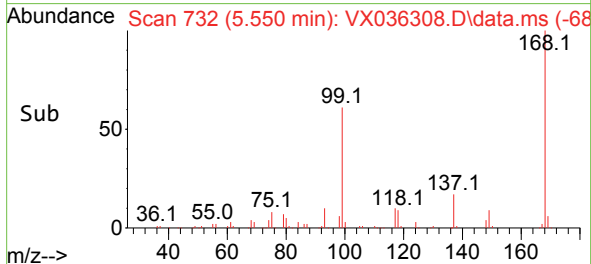
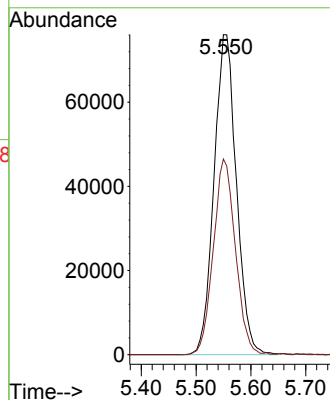
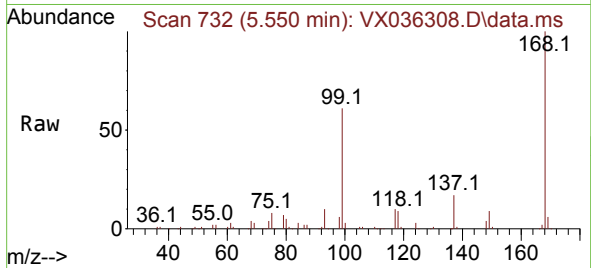




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036308.D
Acq: 24 Jun 2023 13:54

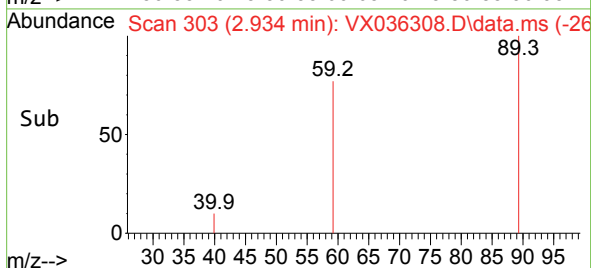
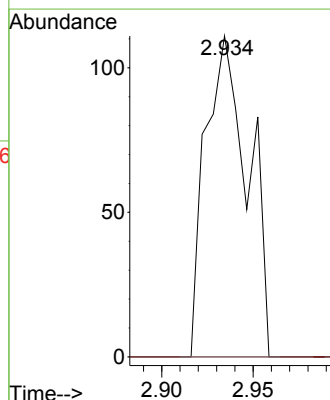
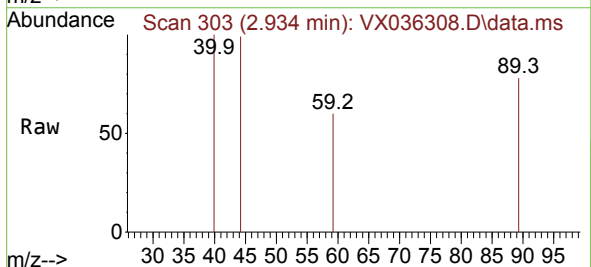
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

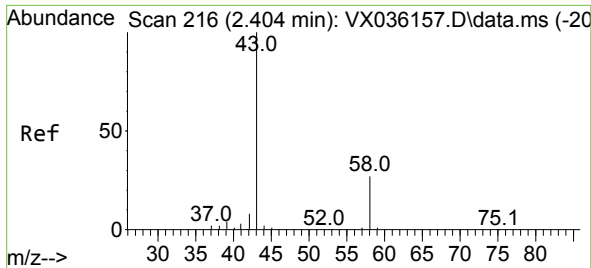
Tgt Ion:168 Resp: 215552
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.320 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.079 min
Lab File: VX036308.D
Acq: 24 Jun 2023 13:54

Tgt Ion: 59 Resp: 180
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

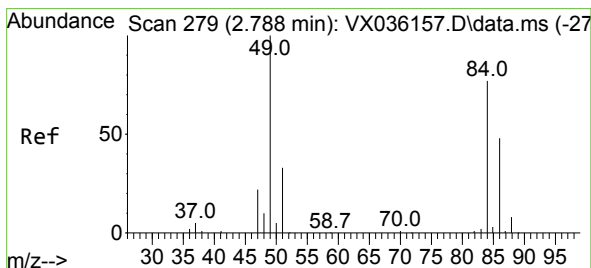
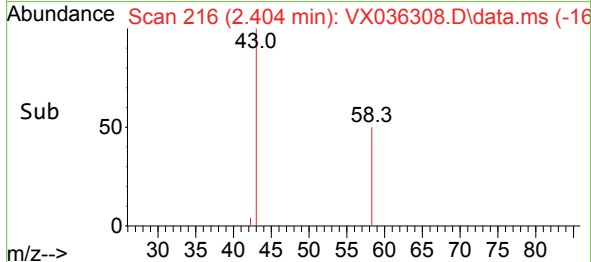
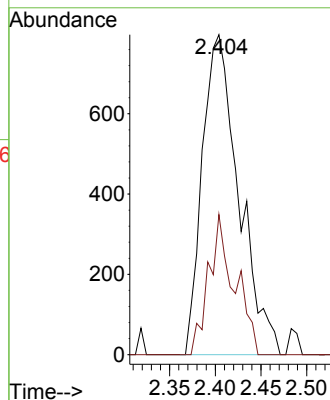
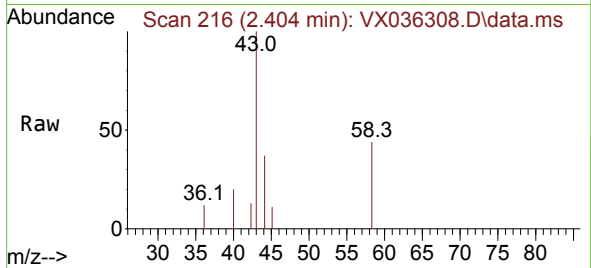




#16
Acetone
Concen: 1.679 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX036308.D
Acq: 24 Jun 2023 13:54

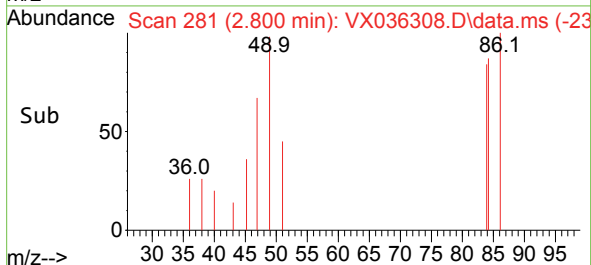
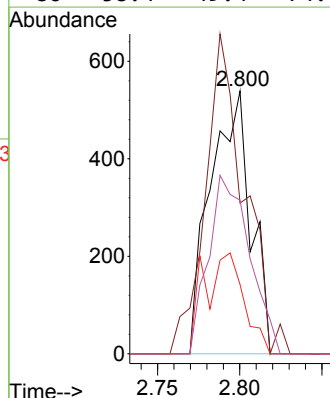
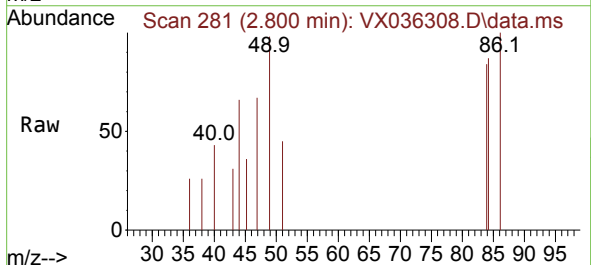
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

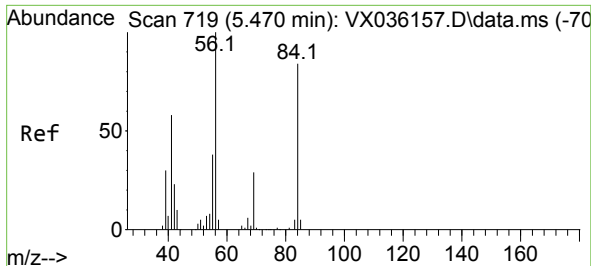
Tgt Ion: 43 Resp: 2218
Ion Ratio Lower Upper
43 100
58 43.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.323 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX036308.D
Acq: 24 Jun 2023 13:54

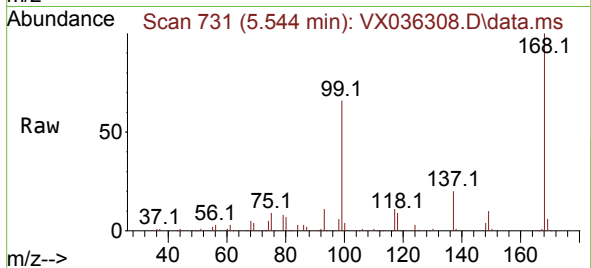
Tgt Ion: 84 Resp: 919
Ion Ratio Lower Upper
84 100
49 46.0 103.6 155.4#
51 26.3 33.8 50.6#
86 58.4 49.4 74.0



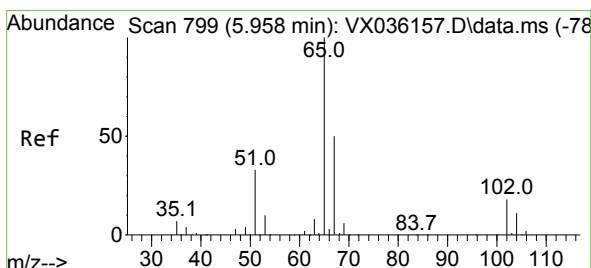
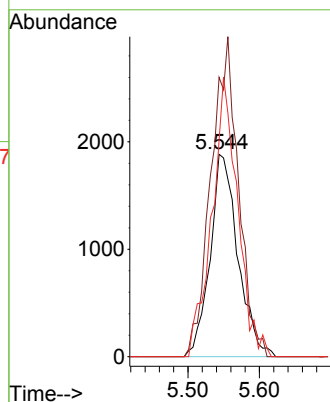
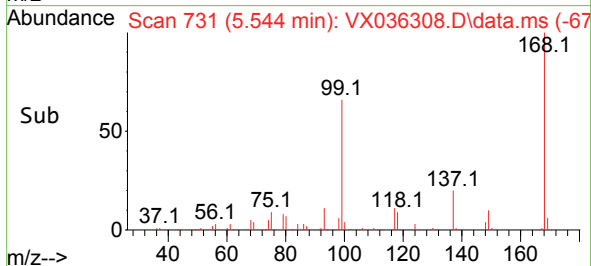


#31
Cyclohexane
Concen: 1.282 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX036308.D
Acq: 24 Jun 2023 13:54

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

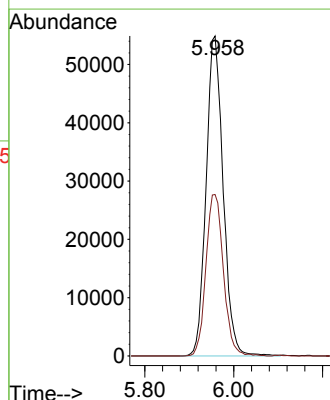
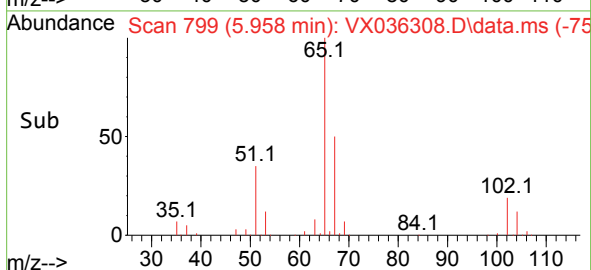
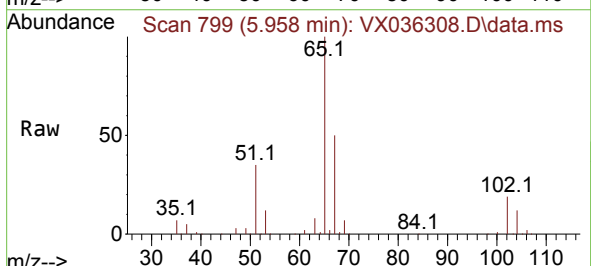


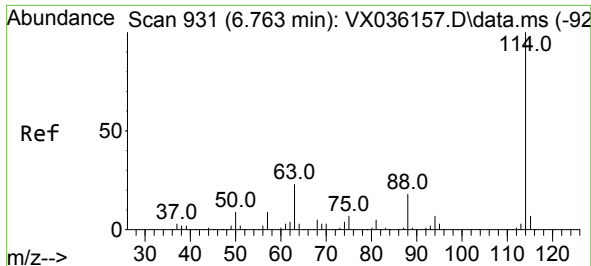
Tgt Ion: 56 Resp: 5077
Ion Ratio Lower Upper
56 100
69 138.1 23.4 35.2#
84 106.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.507 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036308.D
Acq: 24 Jun 2023 13:54

Tgt Ion: 65 Resp: 146788
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

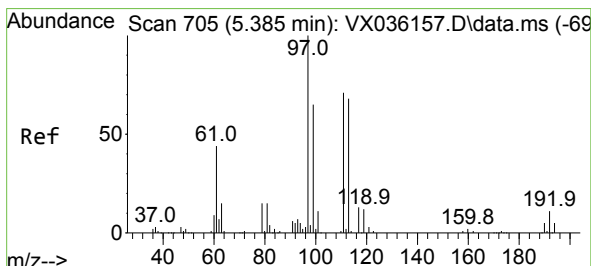
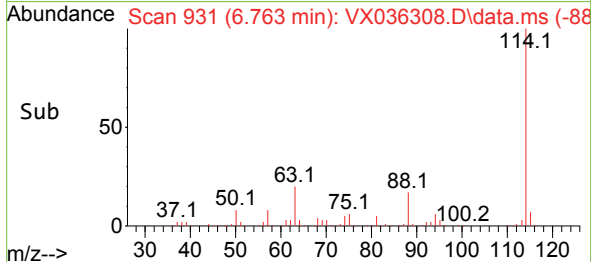
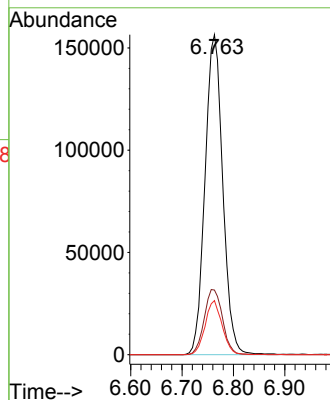
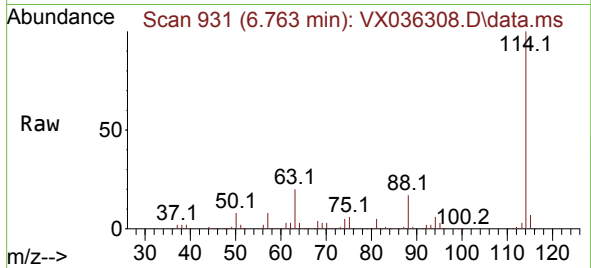




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036308.D
Acq: 24 Jun 2023 13:54

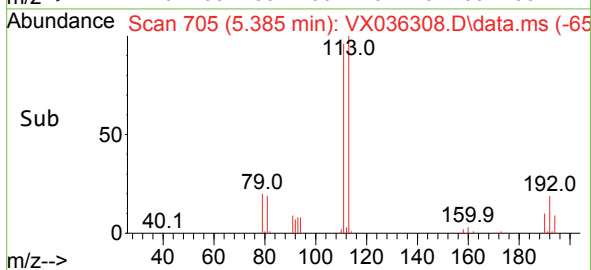
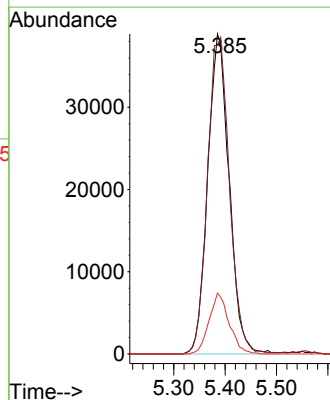
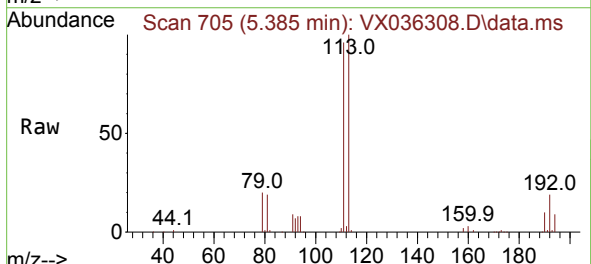
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

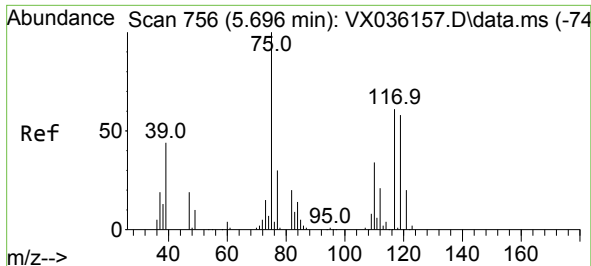
Tgt Ion:114 Resp: 374810
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.537 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036308.D
Acq: 24 Jun 2023 13:54

Tgt Ion:113 Resp: 112539
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 17.8 13.3 19.9

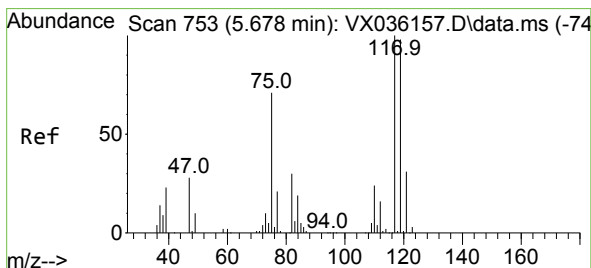
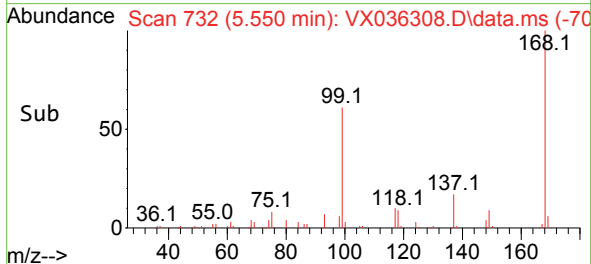
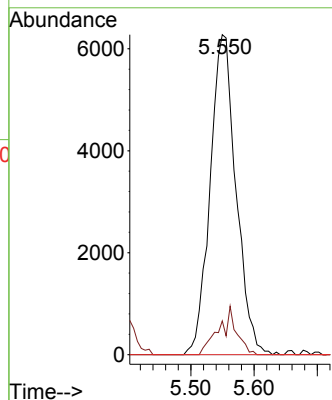
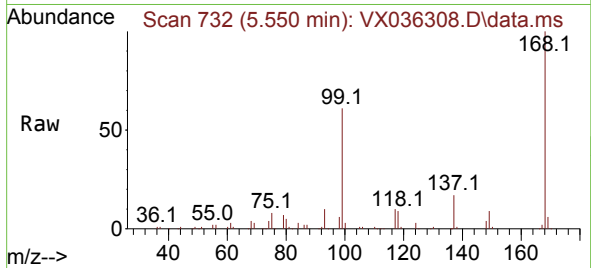




#36
1,1-Dichloropropene
Concen: 4.843 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036308.D
Acq: 24 Jun 2023 13:54

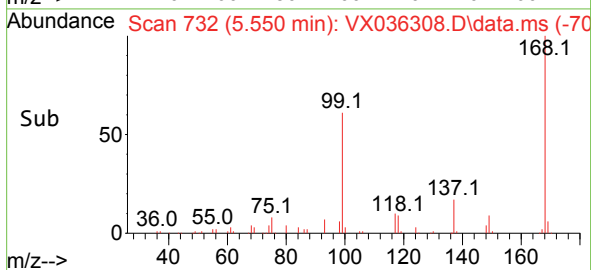
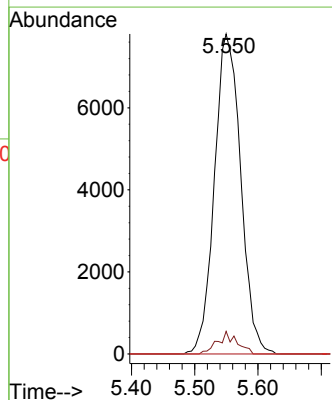
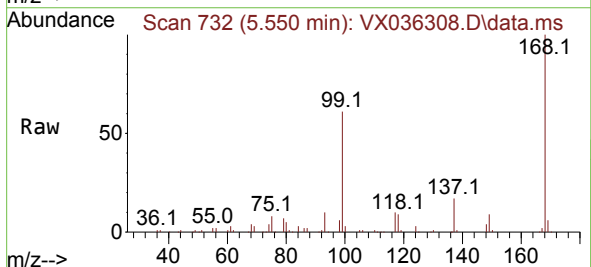
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

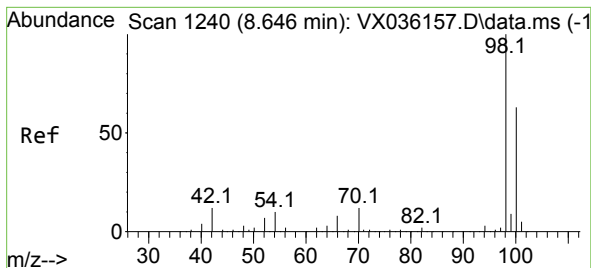
Tgt Ion: 75 Resp: 17842
Ion Ratio Lower Upper
75 100
110 10.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.669 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036308.D
Acq: 24 Jun 2023 13:54

Tgt Ion: 117 Resp: 22438
Ion Ratio Lower Upper
117 100
119 7.0 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 45.812 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036308.D

Acq: 24 Jun 2023 13:54

Instrument :

MSVOA_X

ClientSampleId :

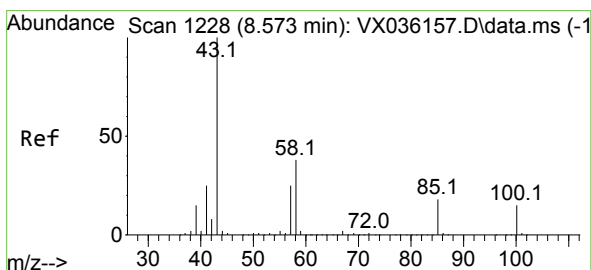
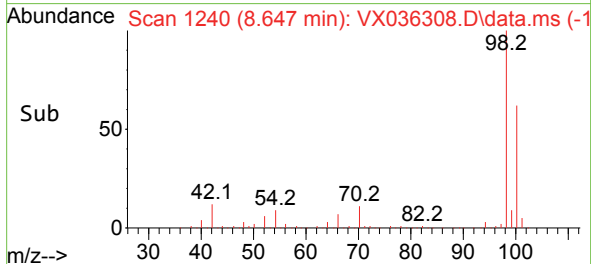
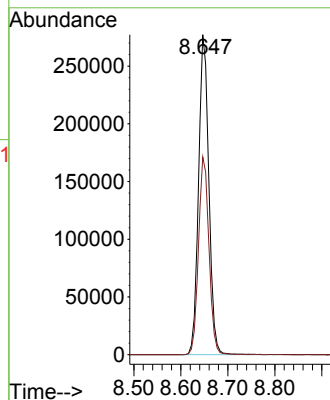
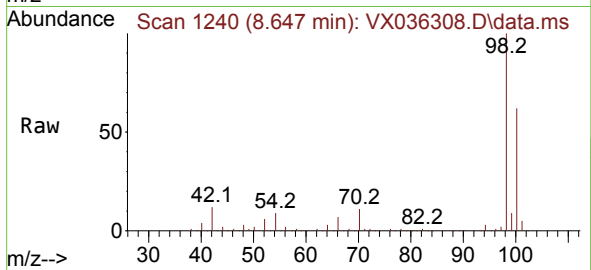
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 422874

Ion Ratio Lower Upper

98 100

100 63.0 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.491 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.080 min

Lab File: VX036308.D

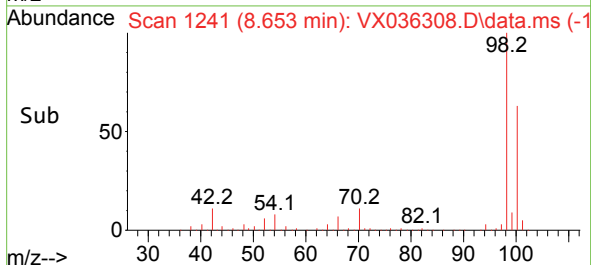
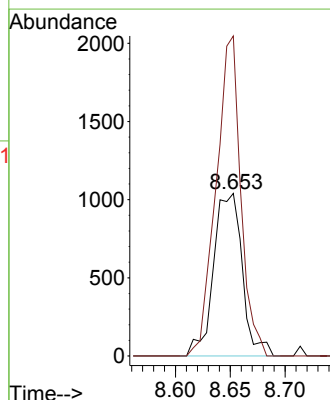
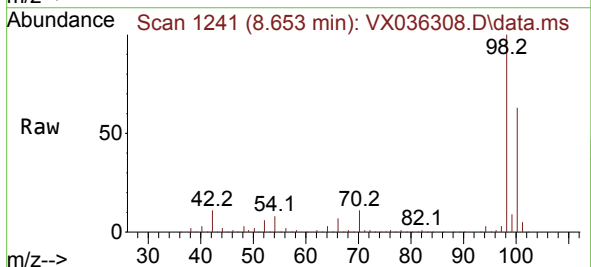
Acq: 24 Jun 2023 13:54

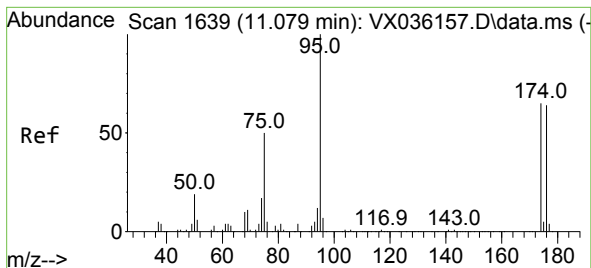
Tgt Ion: 43 Resp: 1896

Ion Ratio Lower Upper

43 100

58 169.8 30.4 45.6#

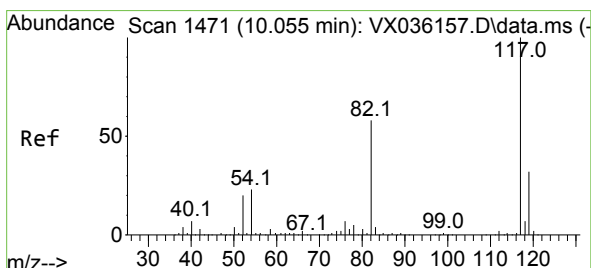
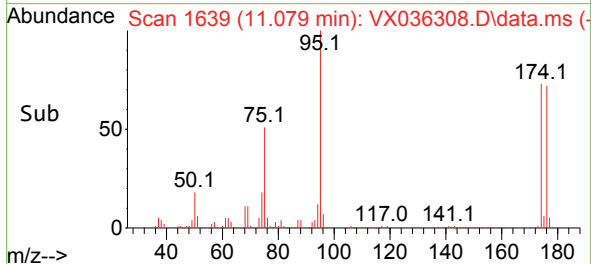
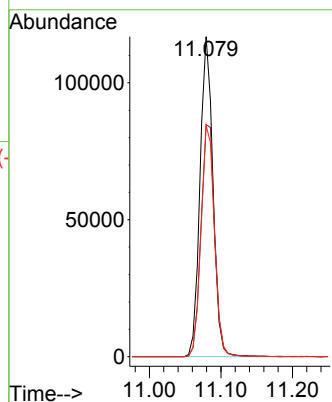
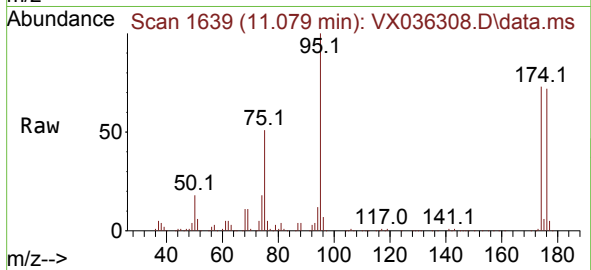




#62
4-Bromofluorobenzene
Concen: 45.033 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036308.D
Acq: 24 Jun 2023 13:54

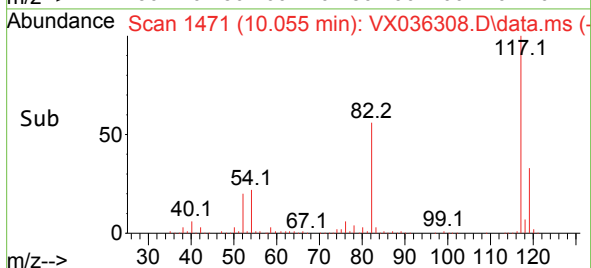
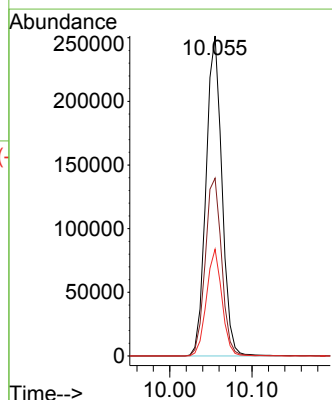
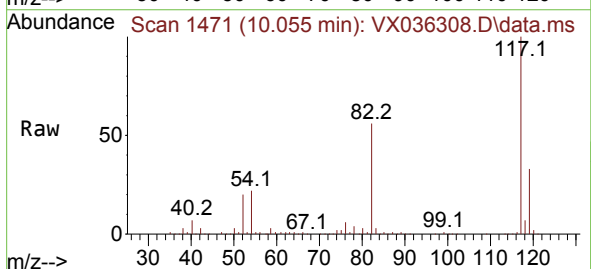
Instrument :
MSVOA_X
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STORAGE-BLANK-SOIL-REF-6

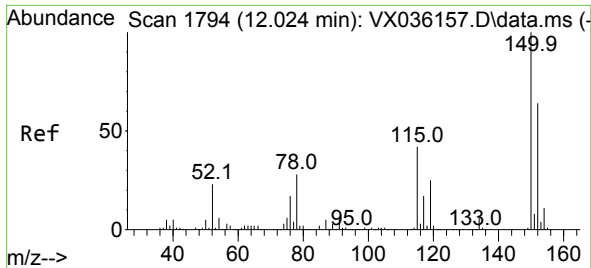
Tgt Ion: 95 Resp: 146418
Ion Ratio Lower Upper
95 100
174 77.2 0.0 135.6
176 74.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036308.D
Acq: 24 Jun 2023 13:54

Tgt Ion: 117 Resp: 337701
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 33.4 25.5 38.3

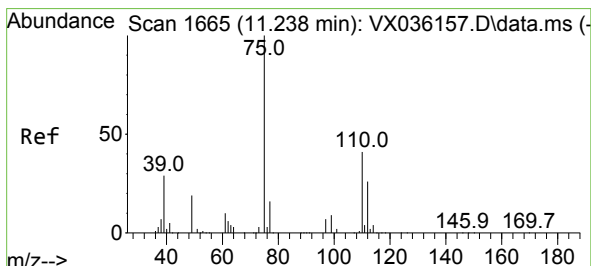
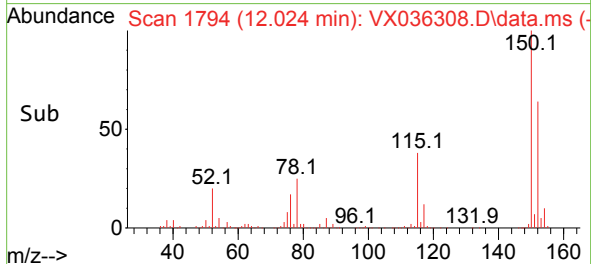
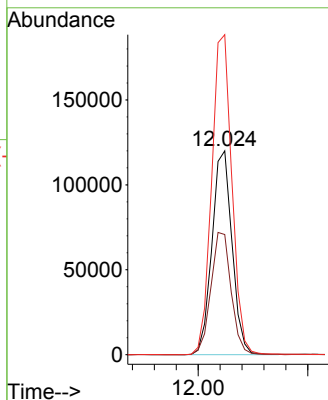
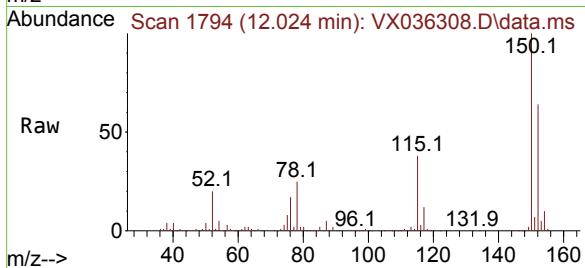




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX036308.D
 Acq: 24 Jun 2023 13:54

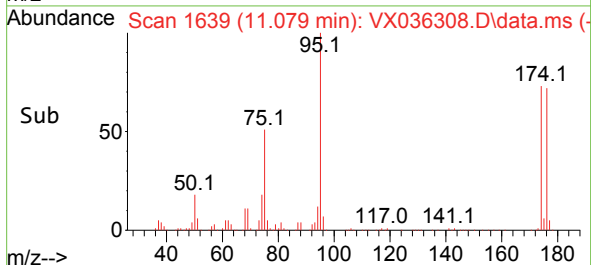
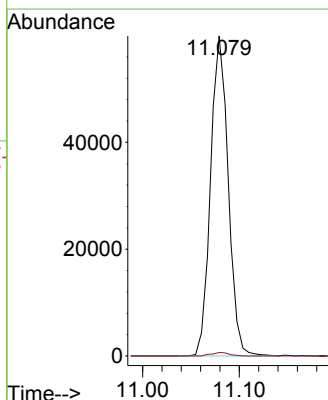
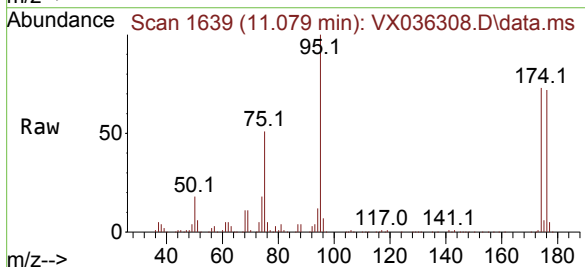
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

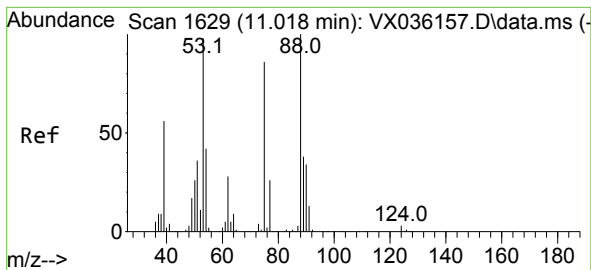
Tgt Ion:152 Resp: 152995
 Ion Ratio Lower Upper
 152 100
 115 60.4 43.3 129.9
 150 158.4 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 23.306 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX036308.D
 Acq: 24 Jun 2023 13:54

Tgt Ion: 75 Resp: 76057
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.971 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX036308.D
 Acq: 24 Jun 2023 13:54

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

Tgt Ion: 75 Resp: 76057
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

