

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037983.D
 Acq On : 29 Sep 2023 18:05
 Operator : JC/MD
 Sample : 04688-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Sep 29 23:08:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

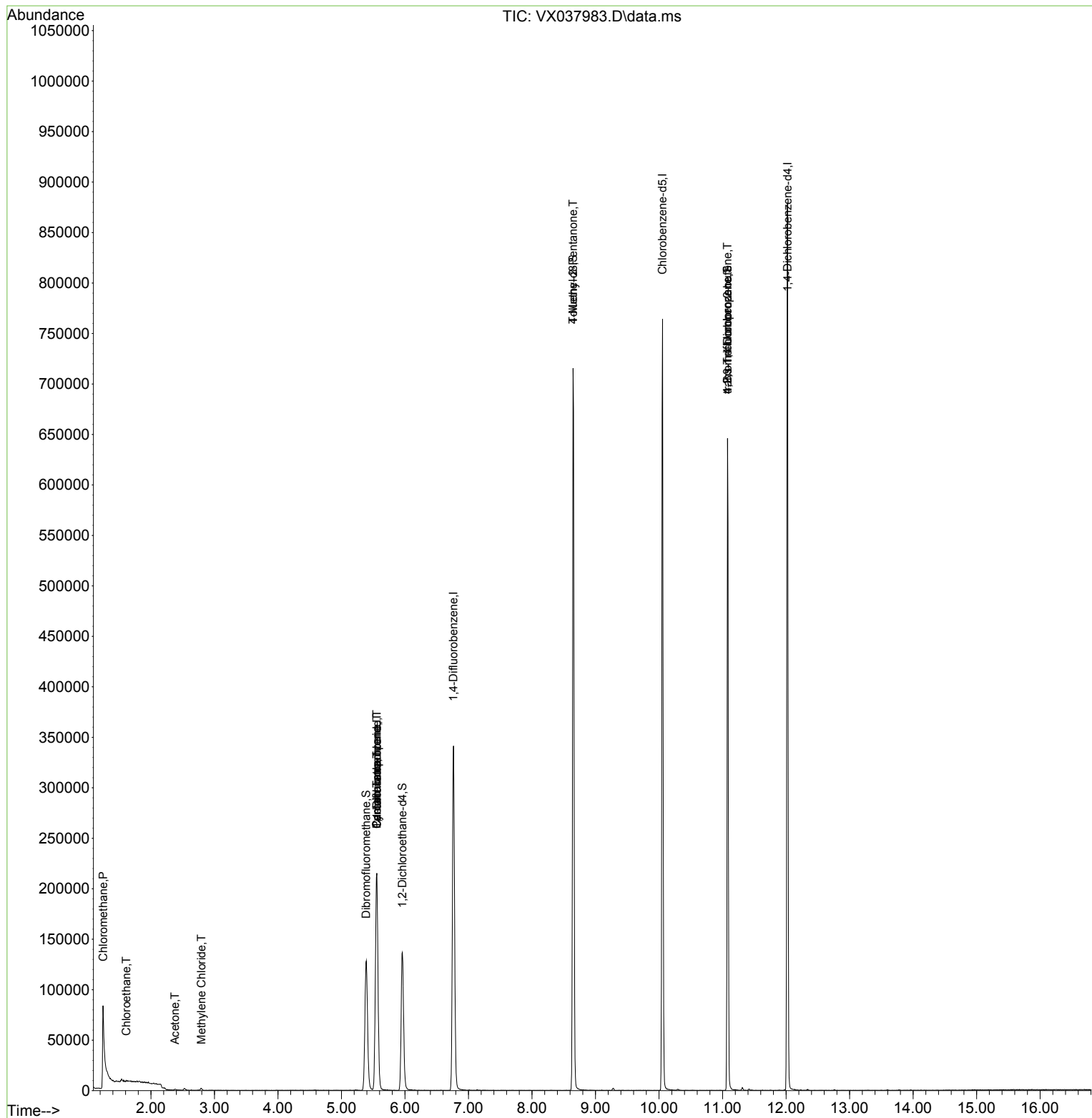
Internal Standards						
1) Pentafluorobenzene	5.556	168	208004	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	360720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131777	48.220	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.440%
35) Dibromofluoromethane	5.385	113	113631	47.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	8.647	98	435114	48.519	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.040%
62) 4-Bromofluorobenzene	11.079	95	165136	50.674	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	2346	0.983	ug/l #	43
6) Chloroethane	1.611	64	960	0.541	ug/l #	43
16) Acetone	2.380	43	975	0.742	ug/l #	87
20) Methylene Chloride	2.794	84	939	0.361	ug/l #	76
31) Cyclohexane	5.556	56	4374	1.247	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	15968	4.803	ug/l #	51
38) Carbon Tetrachloride	5.556	117	21209	6.097	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1739	0.469	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	85019	19.299	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	85019	61.820	ug/l #	5

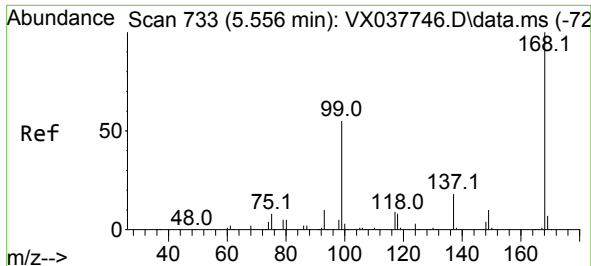
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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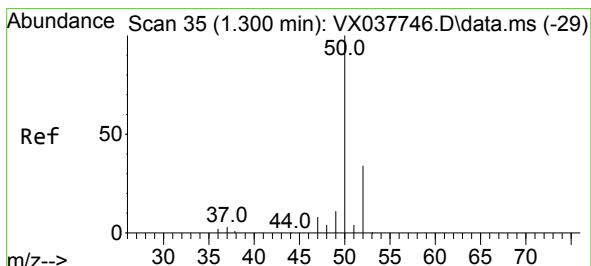
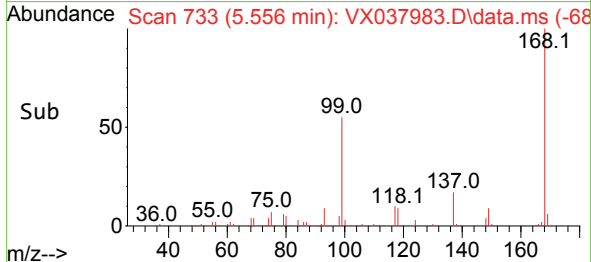
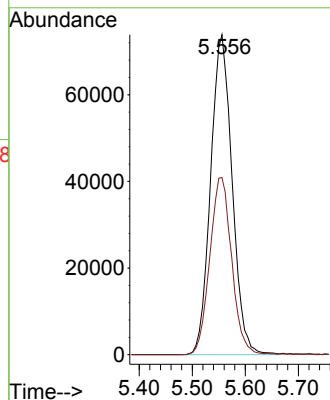
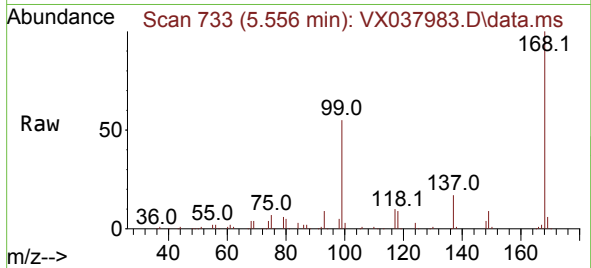




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

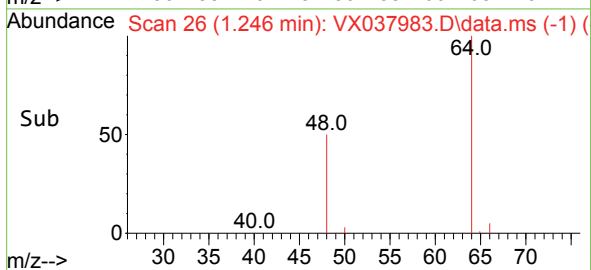
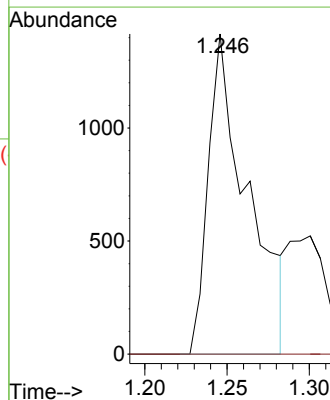
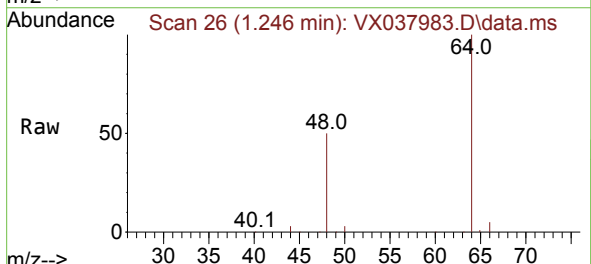
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

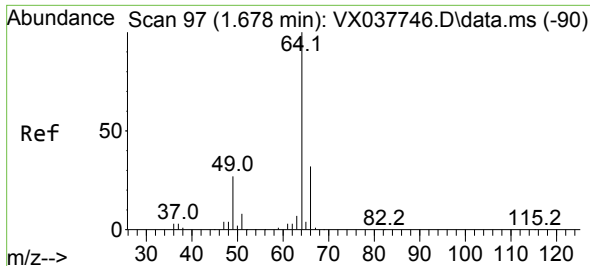
Tgt Ion:168 Resp: 208004
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0#



#3
Chloromethane
Concen: 0.983 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.055 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

Tgt Ion: 50 Resp: 2346
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

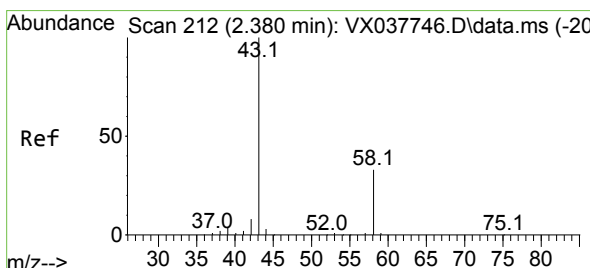
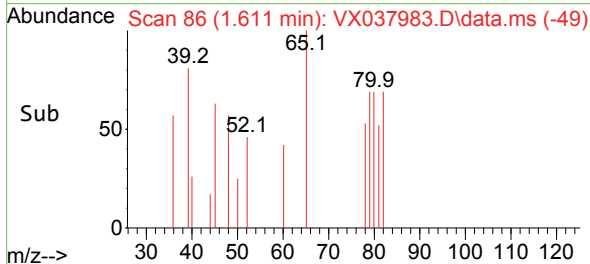
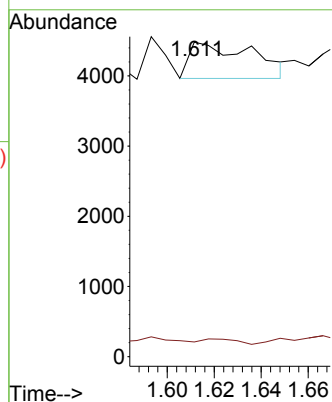
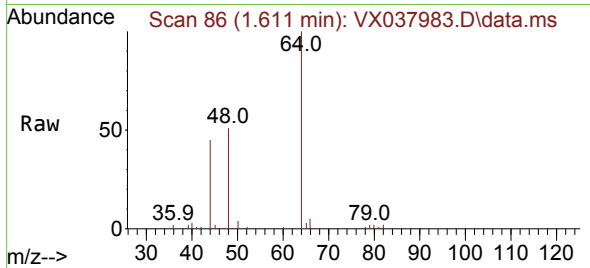




#6
Chloroethane
Concen: 0.541 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.074 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

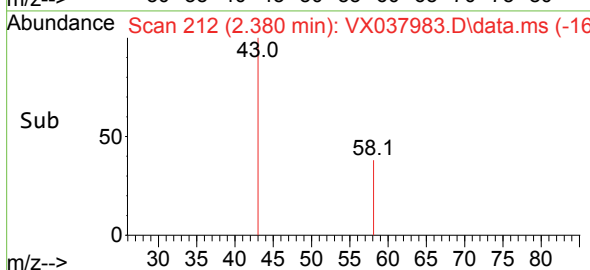
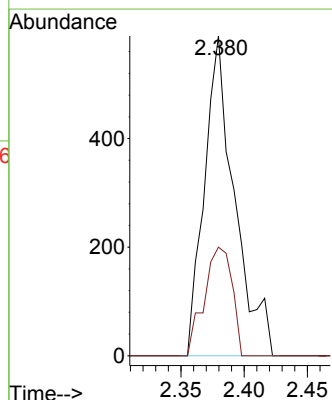
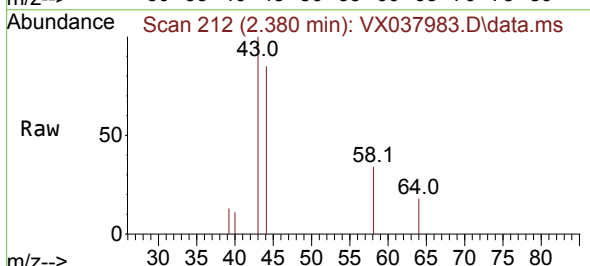
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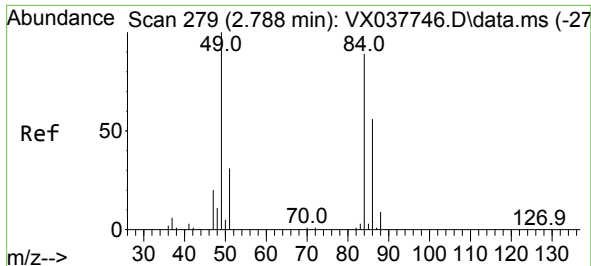
Tgt Ion: 64 Resp: 960
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 0.742 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9#

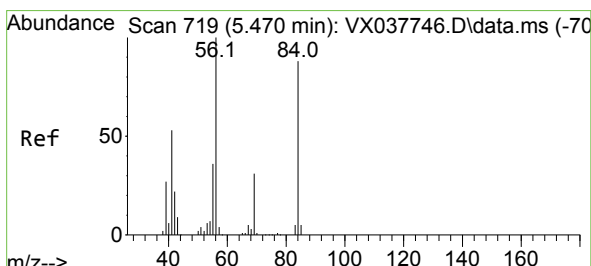
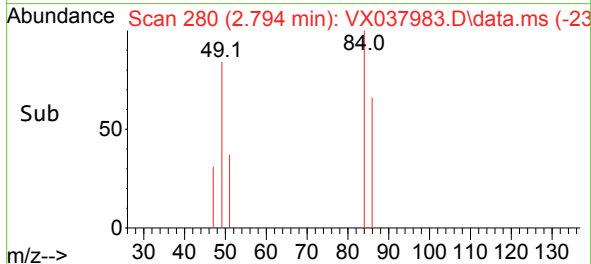
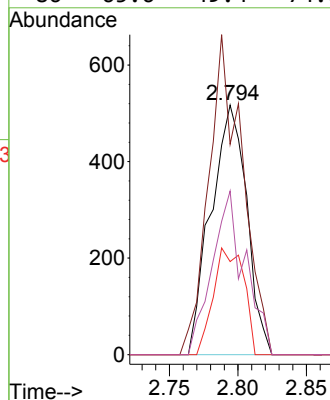
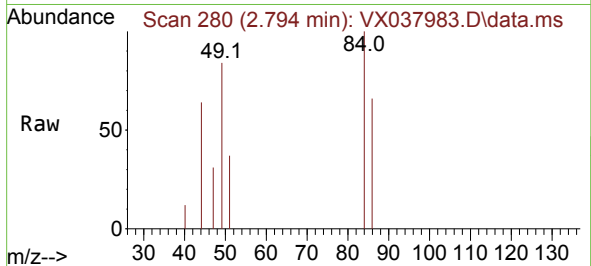




#20
Methylene Chloride
Concen: 0.361 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

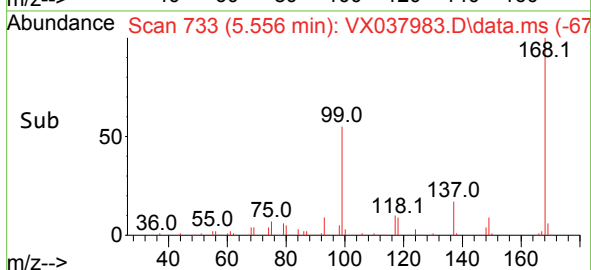
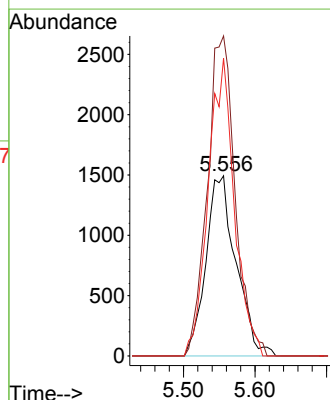
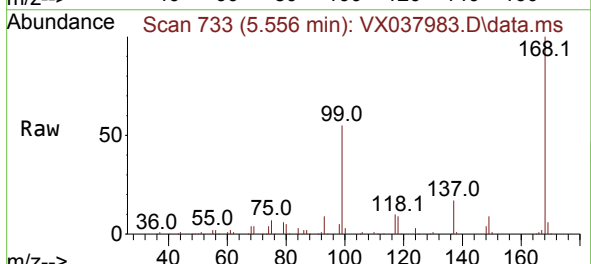
Instrument :
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ClientSampleId :
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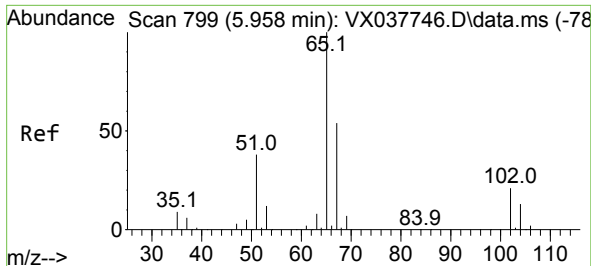
Tgt Ion: 84 Resp: 939
Ion Ratio Lower Upper
84 100
49 84.3 103.6 155.4#
51 37.3 33.8 50.6
86 65.6 49.4 74.0



#31
Cyclohexane
Concen: 1.247 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

Tgt Ion: 56 Resp: 4374
Ion Ratio Lower Upper
56 100
69 177.6 23.4 35.2#
84 165.2 65.9 98.9#

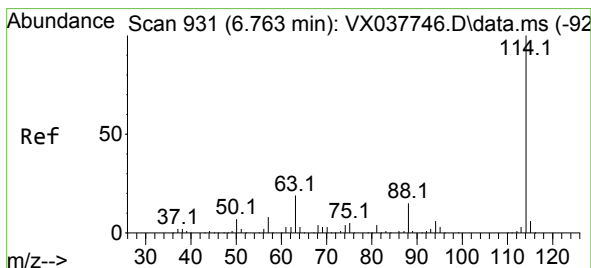
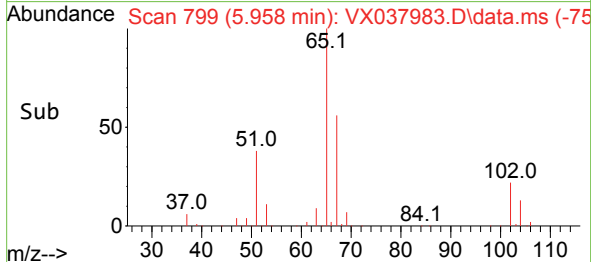
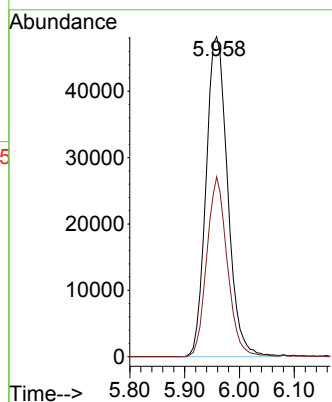
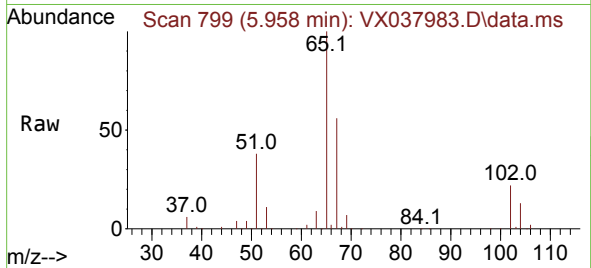




#33
1,2-Dichloroethane-d4
Concen: 48.220 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

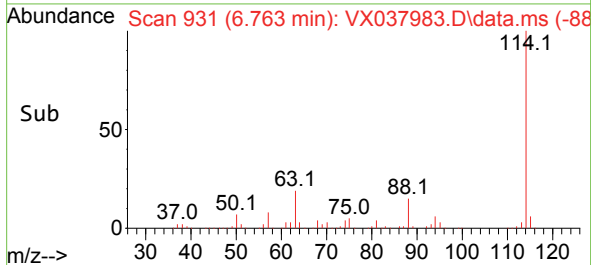
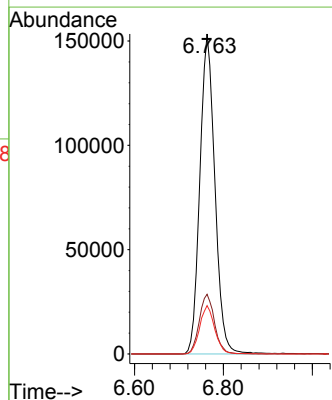
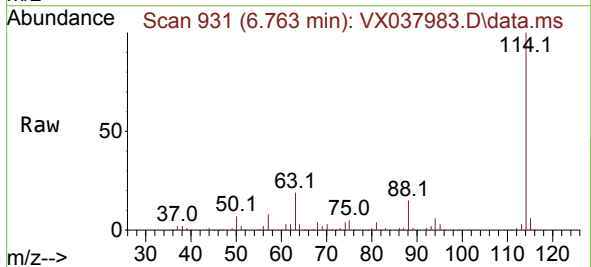
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

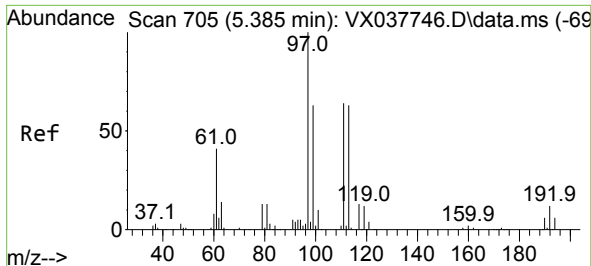
Tgt Ion: 65 Resp: 131777
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

Tgt Ion: 114 Resp: 360720
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 15.1 0.0 36.6

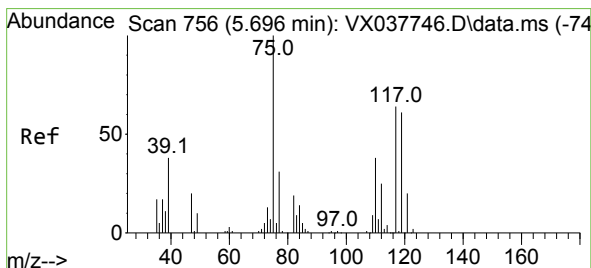
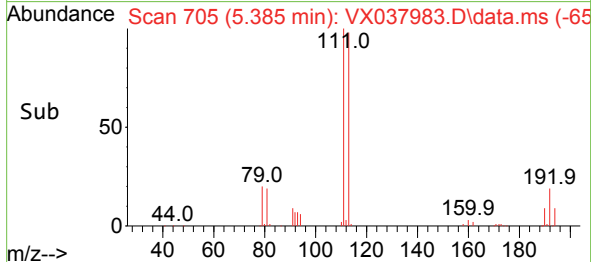
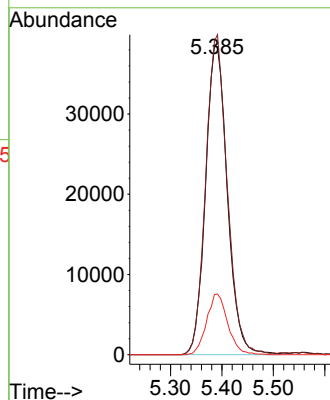
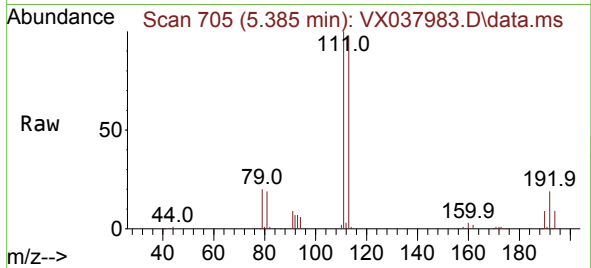




#35
Dibromofluoromethane
Concen: 47.080 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

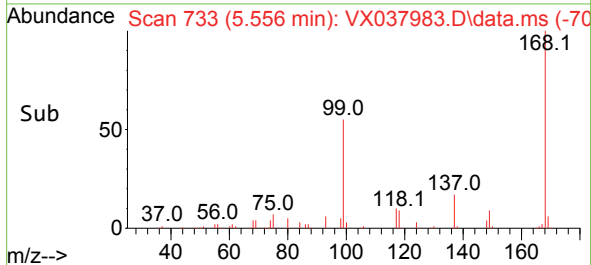
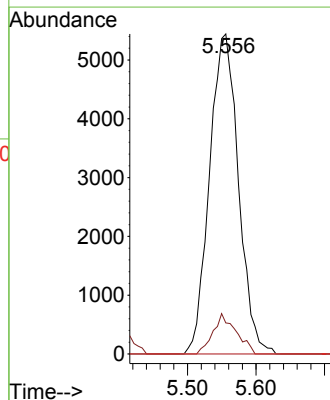
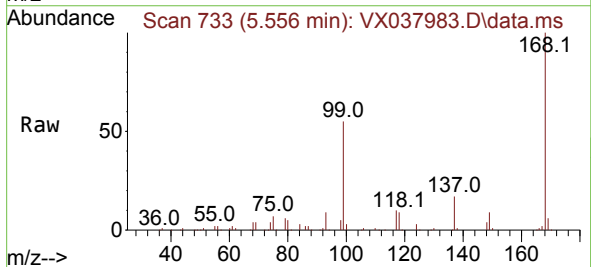
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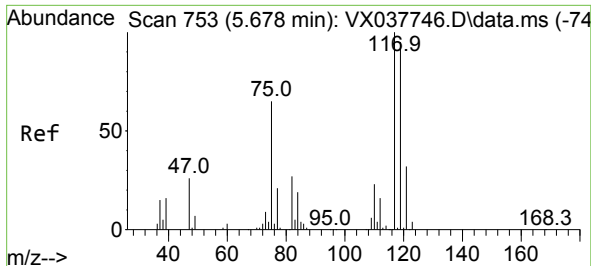
Tgt Ion:113 Resp: 113631
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.803 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

Tgt Ion: 75 Resp: 15968
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#

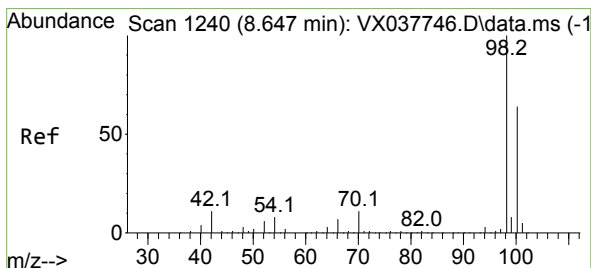
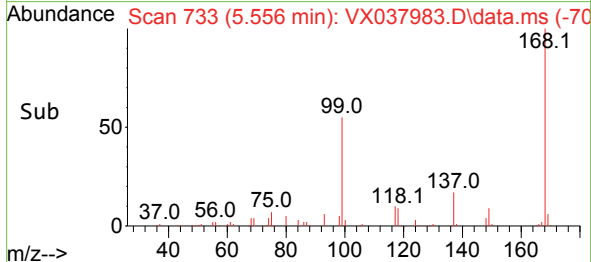
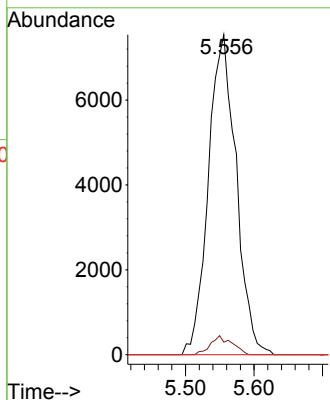
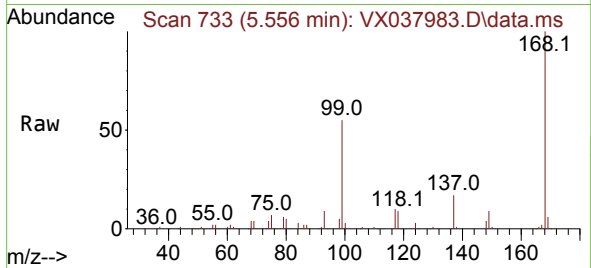




#38
Carbon Tetrachloride
Concen: 6.097 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

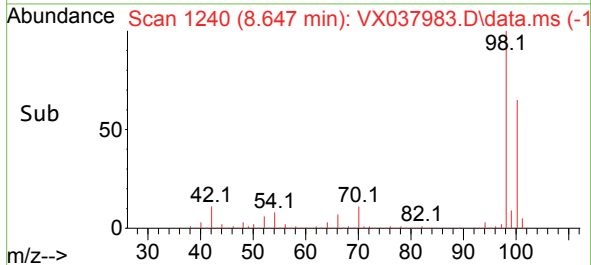
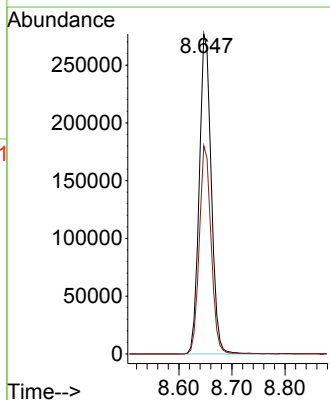
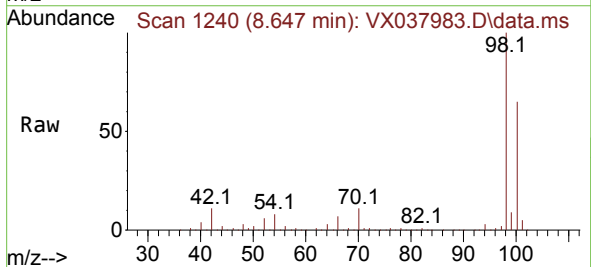
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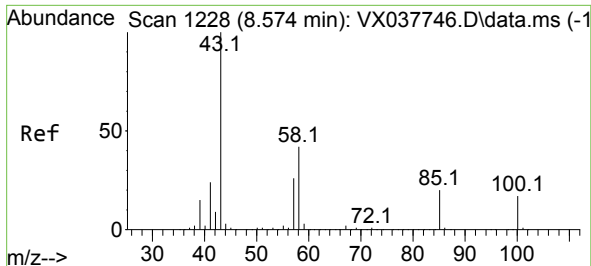
Tgt Ion:117 Resp: 21209
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.519 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

Tgt Ion: 98 Resp: 435114
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

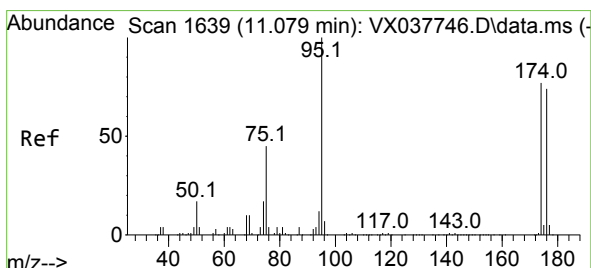
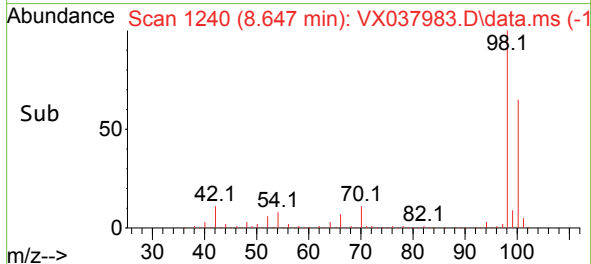
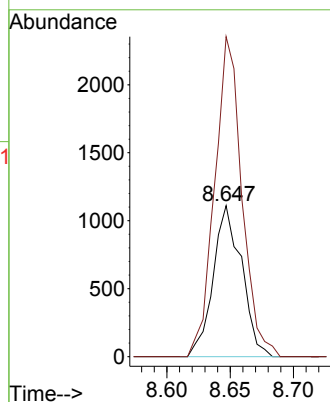
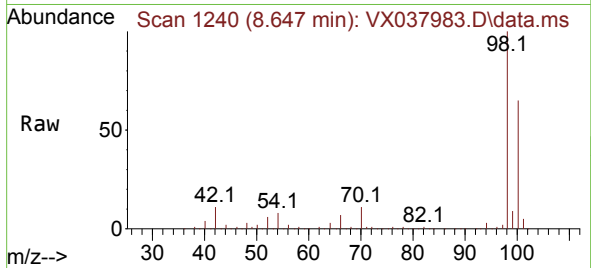




#51
4-Methyl-2-Pentanone
Concen: 0.469 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

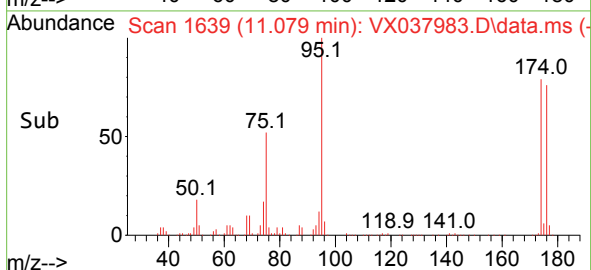
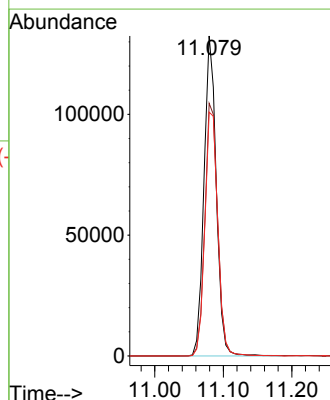
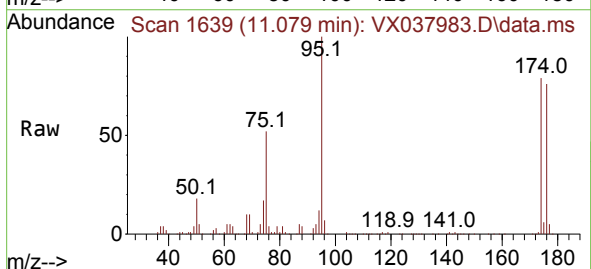
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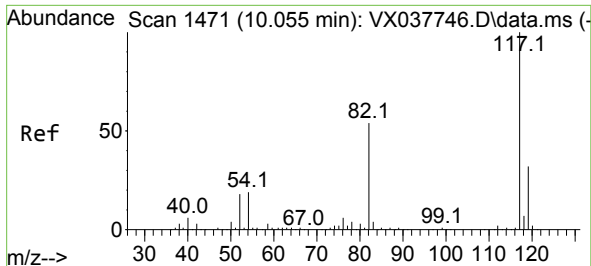
Tgt Ion: 43 Resp: 1739
Ion Ratio Lower Upper
43 100
58 202.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

Tgt Ion: 95 Resp: 165136
Ion Ratio Lower Upper
95 100
174 82.6 0.0 135.6
176 81.0 0.0 131.0

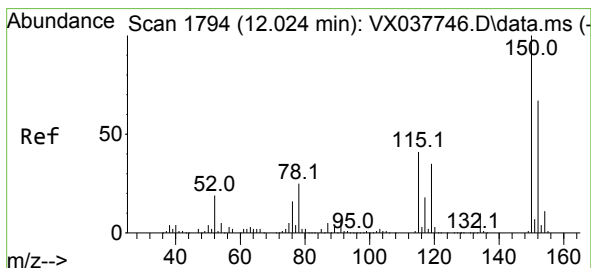
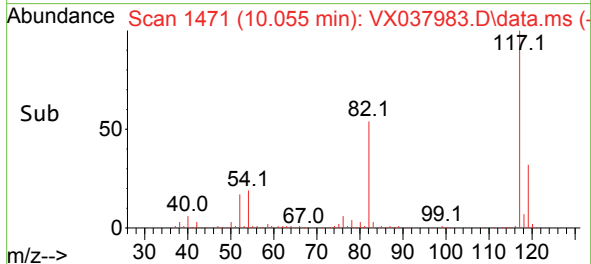
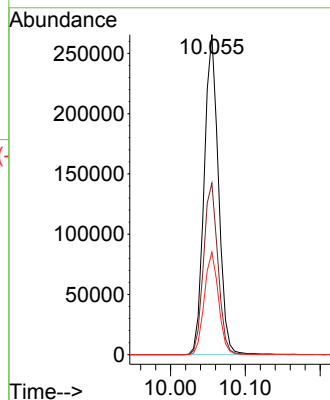
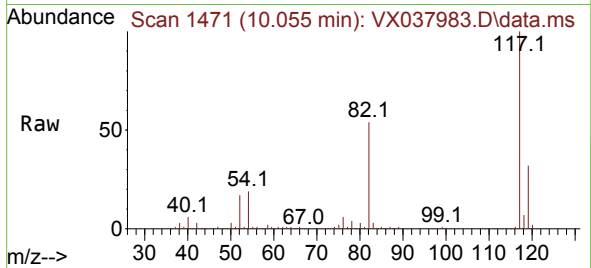




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

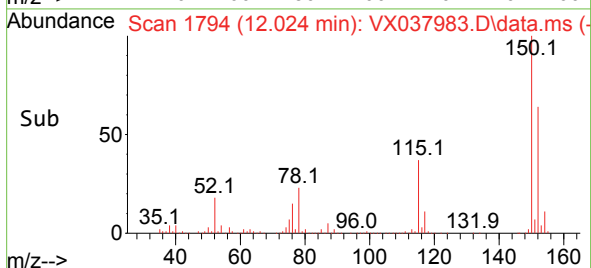
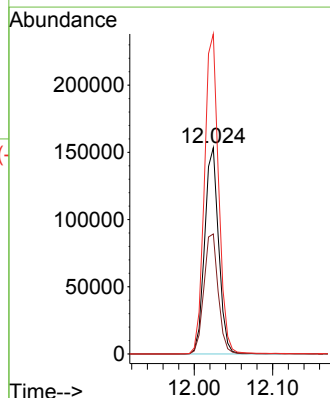
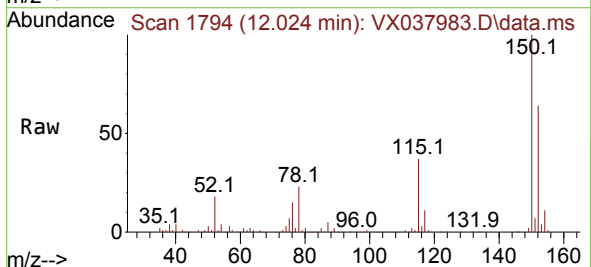
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

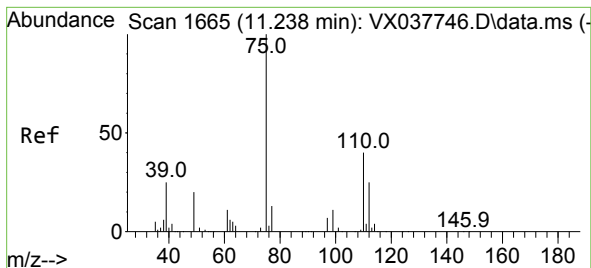
Tgt Ion:117 Resp: 352466
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037983.D
Acq: 29 Sep 2023 18:05

Tgt Ion:152 Resp: 190473
Ion Ratio Lower Upper
152 100
115 59.6 43.3 129.9
150 157.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.299 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037983.D

Acq: 29 Sep 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

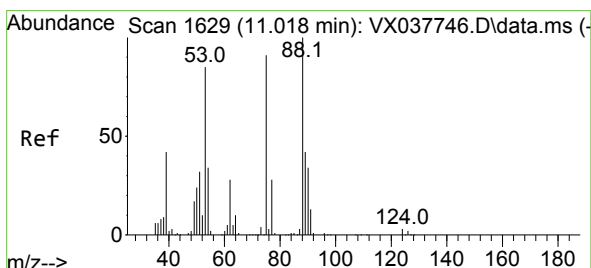
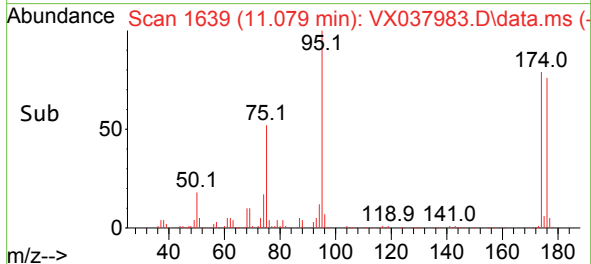
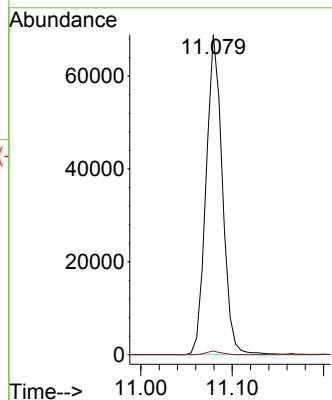
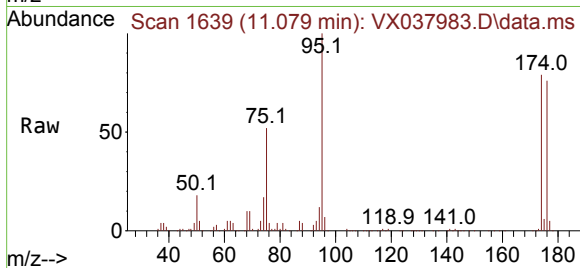
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 85019

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.820 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037983.D

Acq: 29 Sep 2023 18:05

Tgt Ion: 75 Resp: 85019

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

