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 Data File : VX037782.D
 Acq On : 18 Sep 2023 17:37
 Operator : JC/MD
 Sample : 04475-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

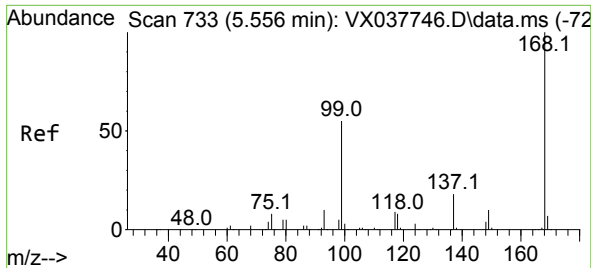
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Sep 19 07:23:49 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	241191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	406179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195694	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148302	46.799	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	93.600%	
35) Dibromofluoromethane	5.391	113	124980	45.986	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	91.980%	
50) Toluene-d8	8.653	98	493717	48.892	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.780%	
62) 4-Bromofluorobenzene	11.079	95	185767	50.625	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.240%	
Target Compounds						
					Qvalue	
13) Acrolein	2.246	56	175	0.260	ug/l #	14
16) Acetone	2.380	43	3534	2.318	ug/l #	87
20) Methylene Chloride	2.794	84	1172	0.391	ug/l	88
31) Cyclohexane	5.556	56	4942	1.215	ug/l #	9
36) 1,1-Dichloropropene	5.556	75	17910	4.784	ug/l #	51
38) Carbon Tetrachloride	5.556	117	24672	6.298	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	94481	20.874	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	94481	66.868	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	966	0.242	ug/l	88

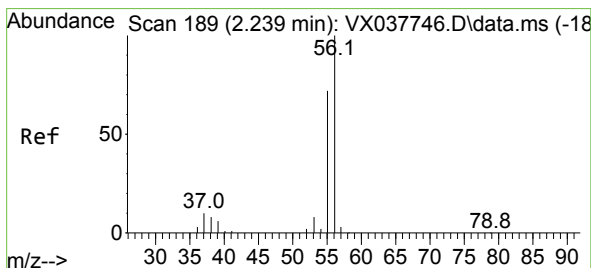
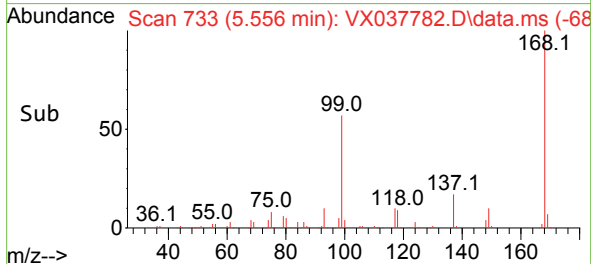
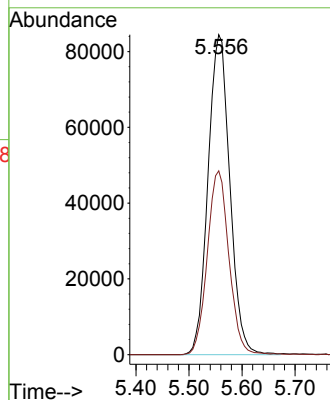
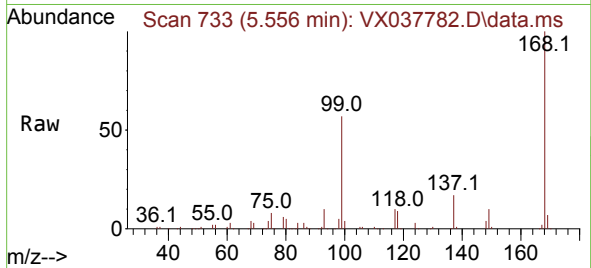
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037782.D
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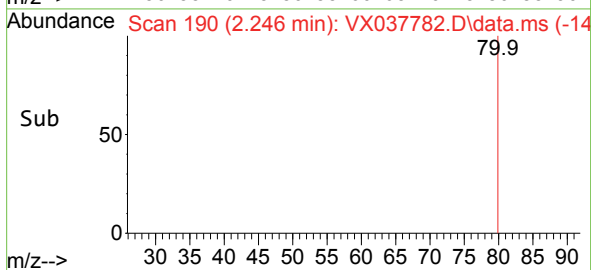
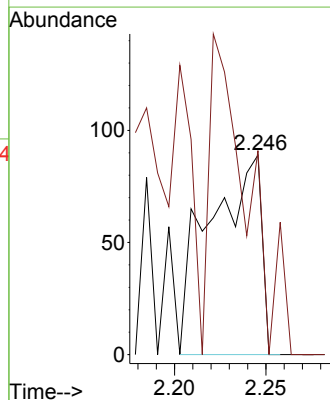
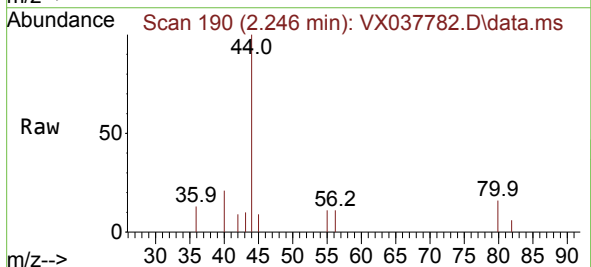
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

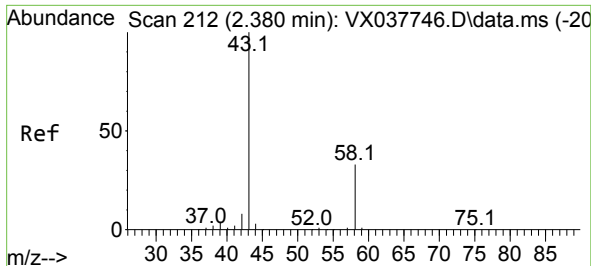
Tgt Ion:168 Resp: 241191
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0



#13
Acrolein
Concen: 0.260 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX037782.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 56 Resp: 175
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

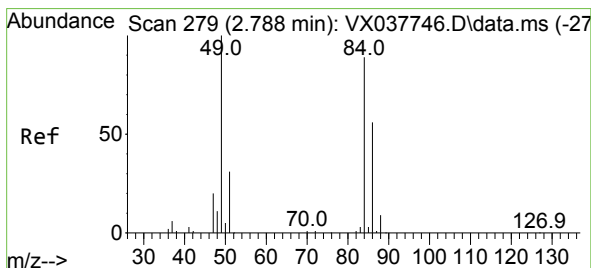
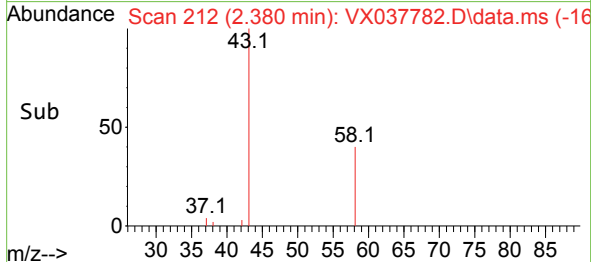
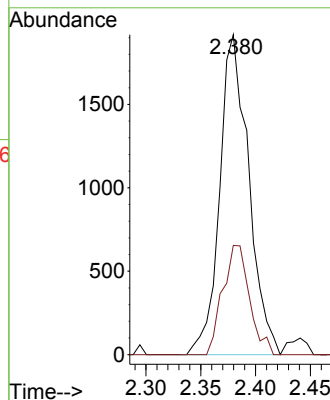
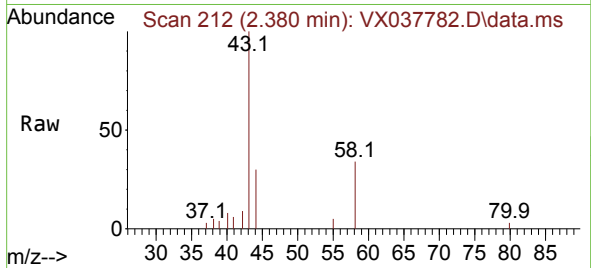




#16
Acetone
Concen: 2.318 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037782.D
Acq: 18 Sep 2023 17:37

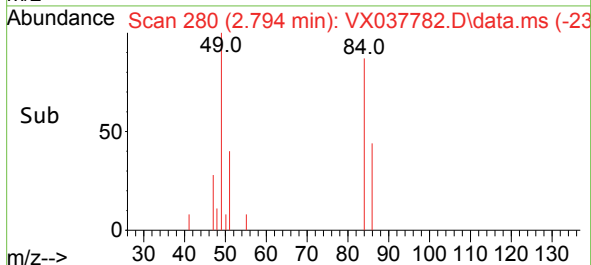
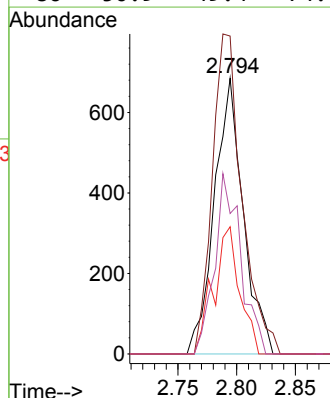
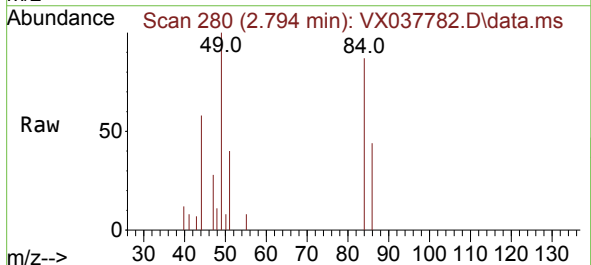
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ClientSampleId :
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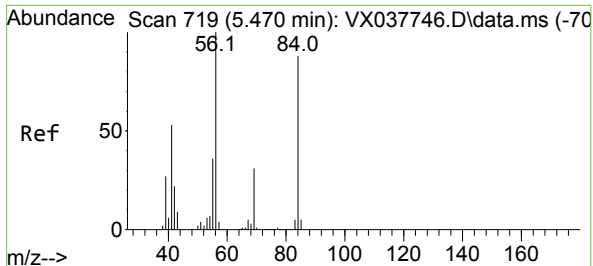
Tgt Ion: 43 Resp: 3534
Ion Ratio Lower Upper
43 100
58 34.2 21.9 32.9#



#20
Methylene Chloride
Concen: 0.391 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037782.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 84 Resp: 1172
Ion Ratio Lower Upper
84 100
49 115.3 103.6 155.4
51 46.1 33.8 50.6
86 50.9 49.4 74.0

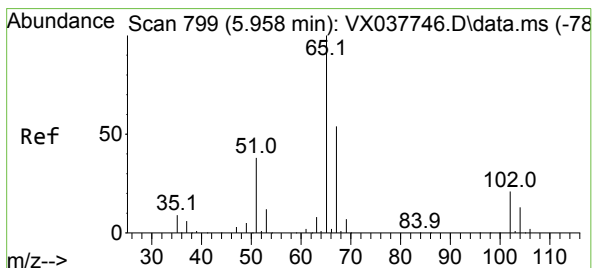
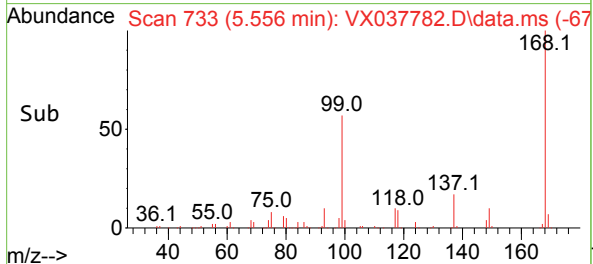
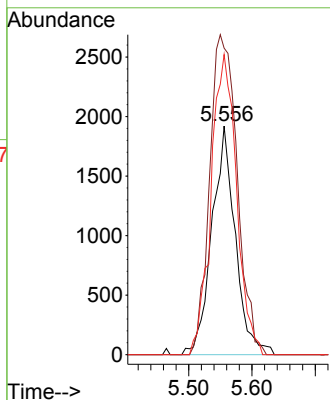
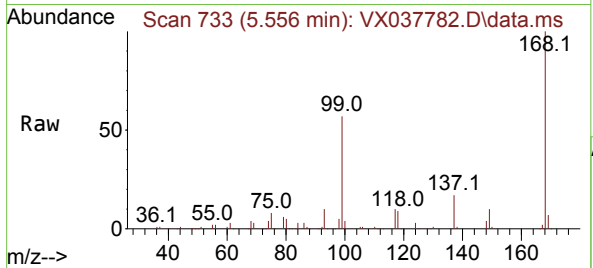




#31
Cyclohexane
Concen: 1.215 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX037782.D
Acq: 18 Sep 2023 17:37

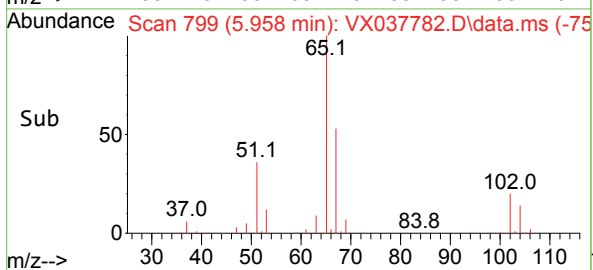
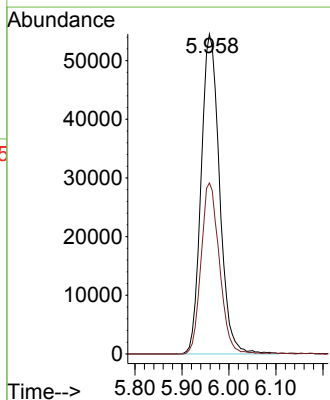
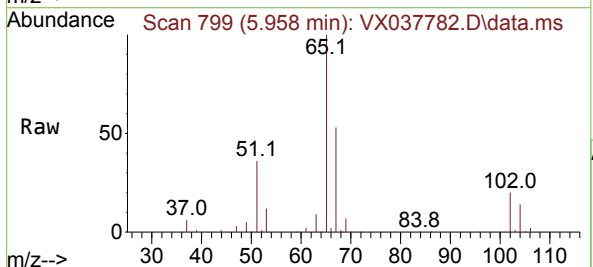
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ClientSampleId :
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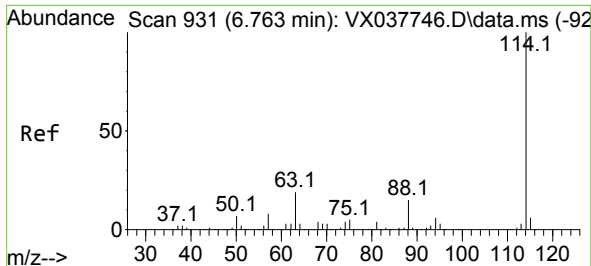
Tgt Ion: 56 Resp: 4942
Ion Ratio Lower Upper
56 100
69 134.0 23.4 35.2#
84 131.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.799 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037782.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 65 Resp: 148302
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2

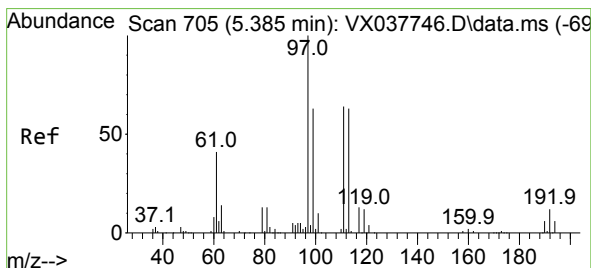
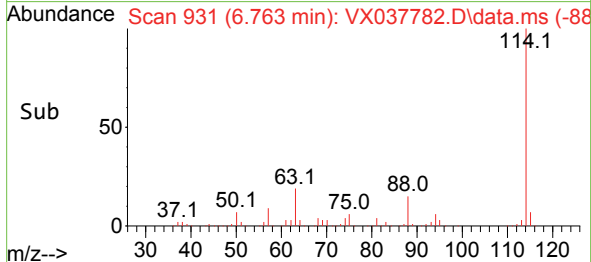
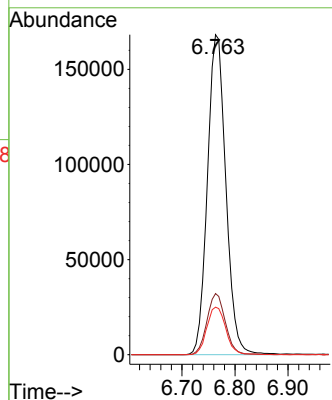
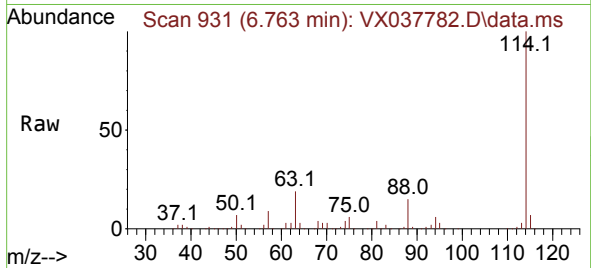




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037782.D
Acq: 18 Sep 2023 17:37

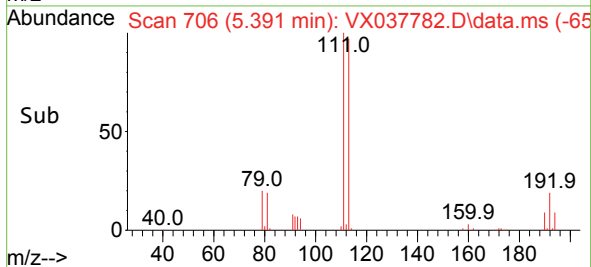
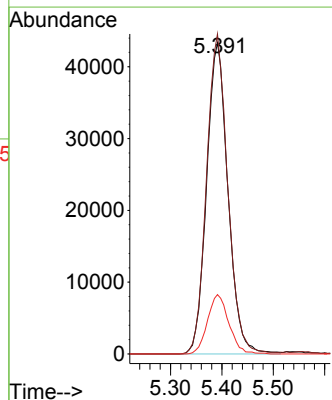
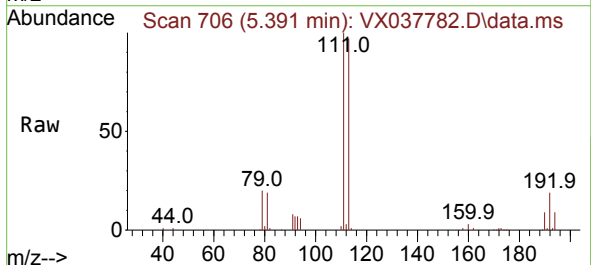
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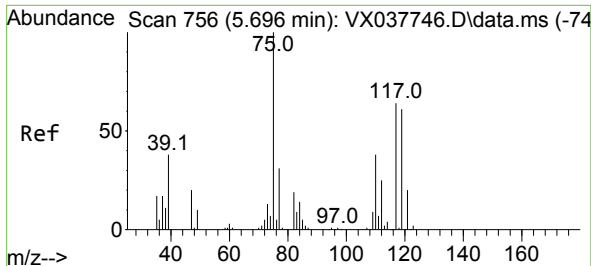
Tgt Ion:114 Resp: 406179
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.986 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037782.D
Acq: 18 Sep 2023 17:37

Tgt Ion:113 Resp: 124980
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 19.1 13.3 19.9

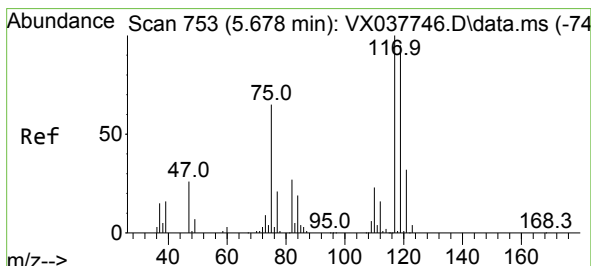
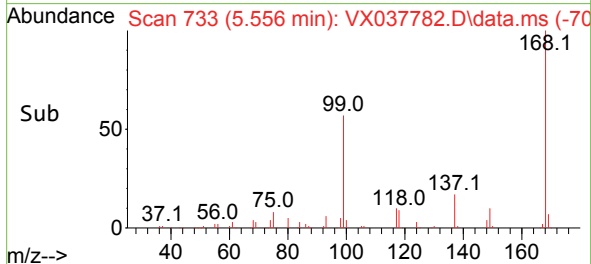
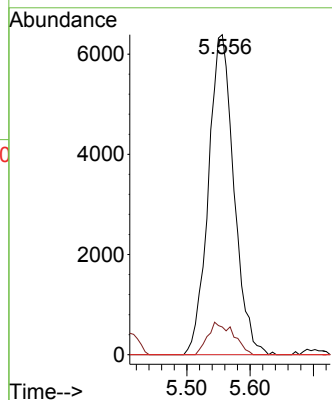
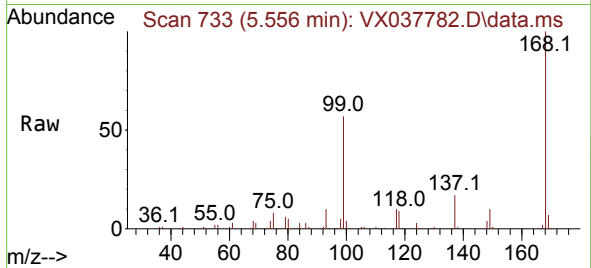




#36
1,1-Dichloropropene
Concen: 4.784 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX037782.D
Acq: 18 Sep 2023 17:37

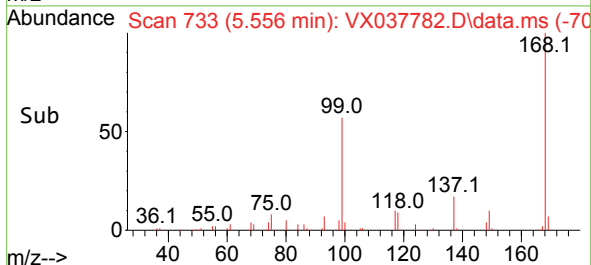
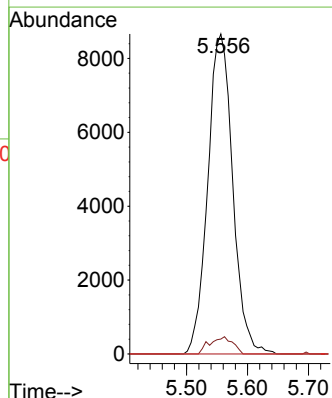
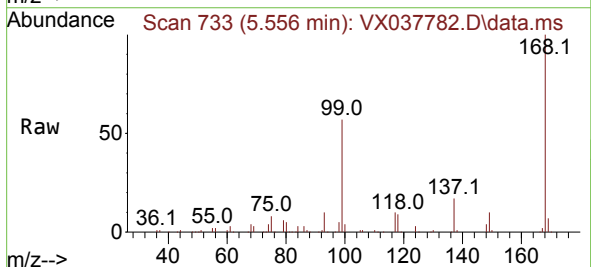
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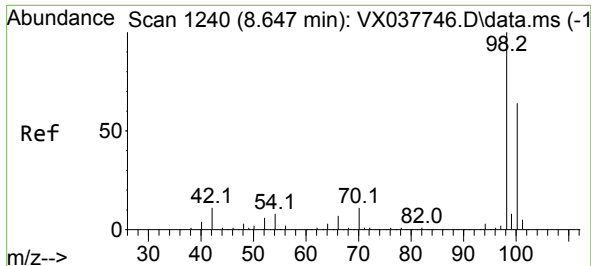
Tgt Ion: 75 Resp: 17910
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.298 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037782.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 117 Resp: 24672
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

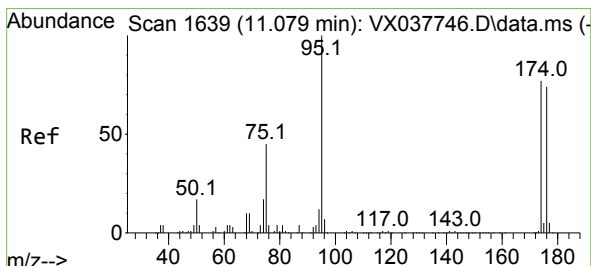
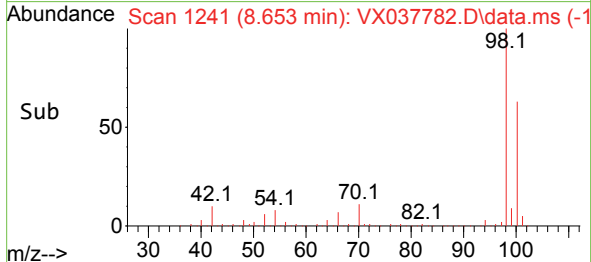
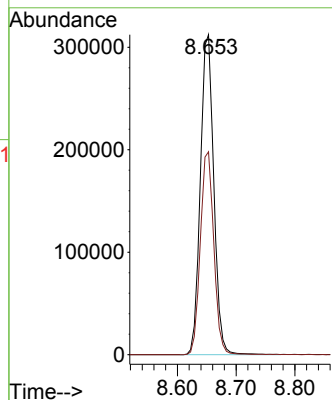
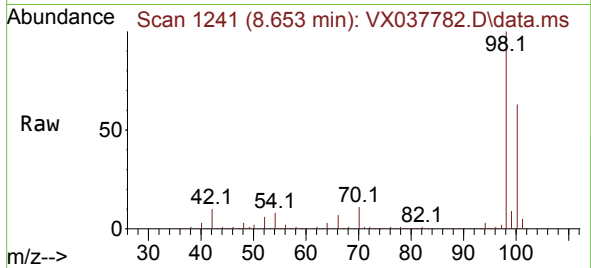




#50
Toluene-d8
Concen: 48.892 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037782.D
Acq: 18 Sep 2023 17:37

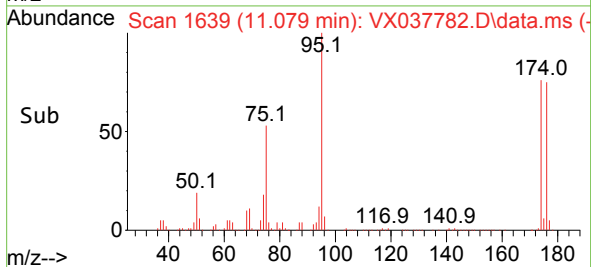
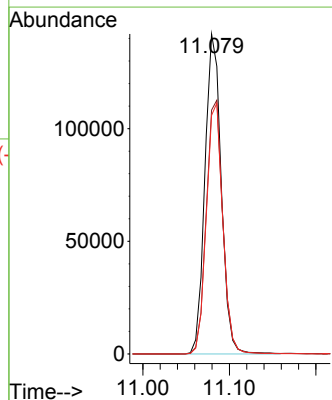
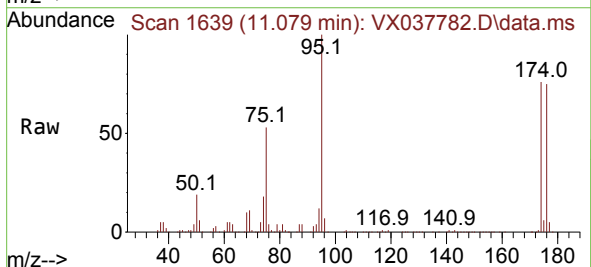
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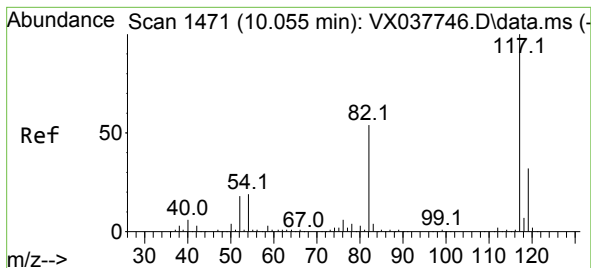
Tgt Ion: 98 Resp: 493717
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.625 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037782.D
Acq: 18 Sep 2023 17:37

Tgt Ion: 95 Resp: 185767
Ion Ratio Lower Upper
95 100
174 80.5 0.0 135.6
176 79.0 0.0 131.0

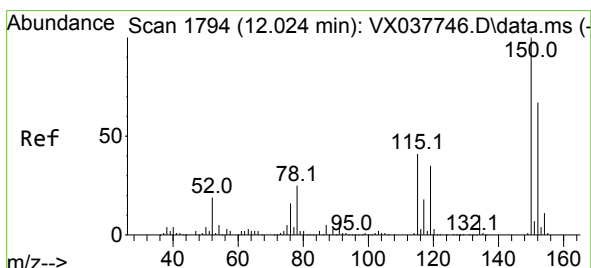
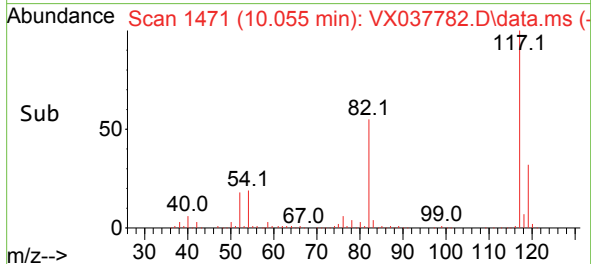
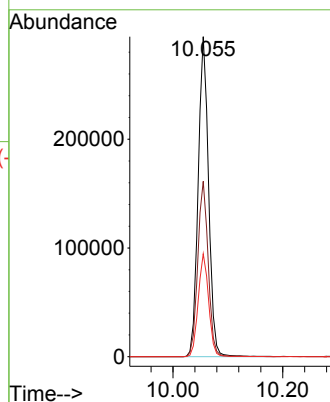
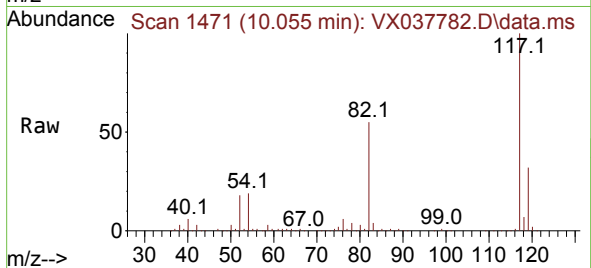




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037782.D
Acq: 18 Sep 2023 17:37

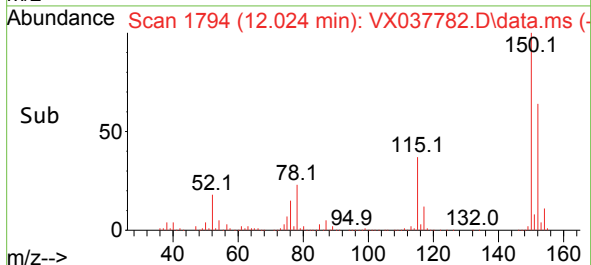
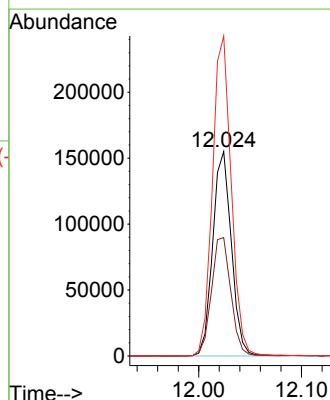
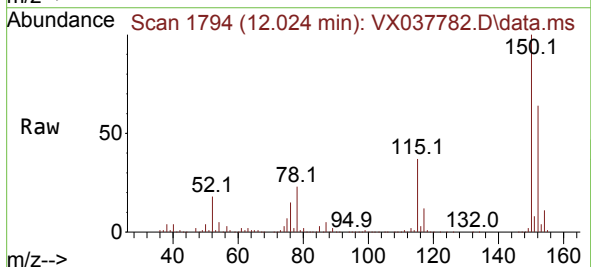
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ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

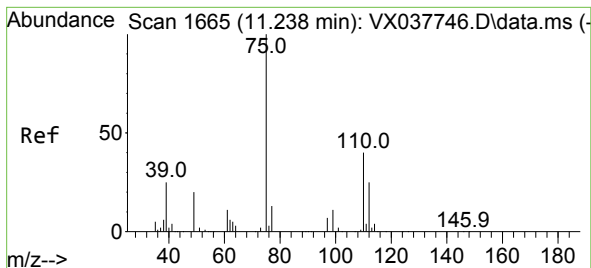
Tgt Ion:117 Resp: 389398
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037782.D
Acq: 18 Sep 2023 17:37

Tgt Ion:152 Resp: 195694
Ion Ratio Lower Upper
152 100
115 60.4 43.3 129.9
150 157.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.874 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037782.D

Acq: 18 Sep 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

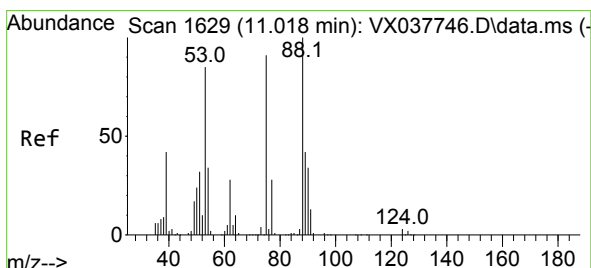
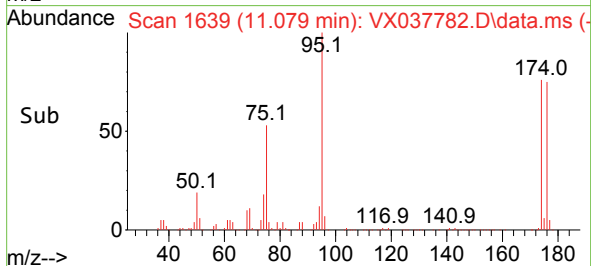
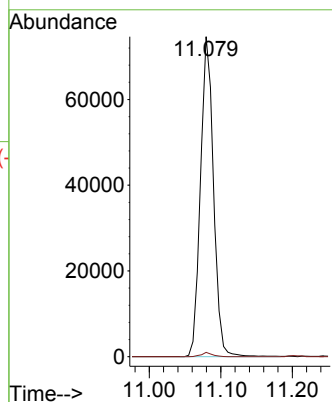
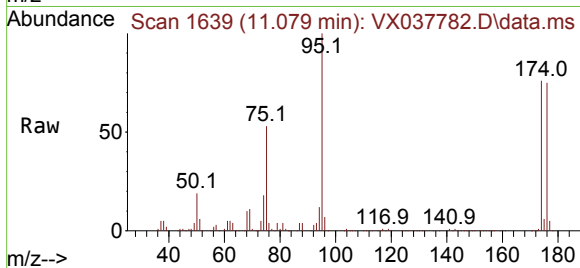
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 94481

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.868 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037782.D

Acq: 18 Sep 2023 17:37

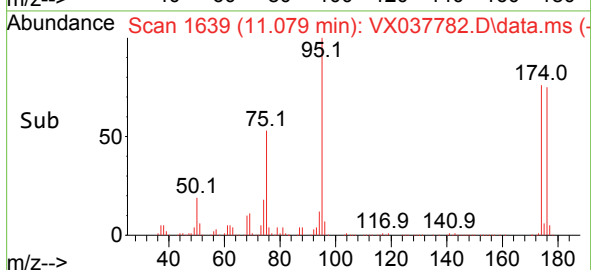
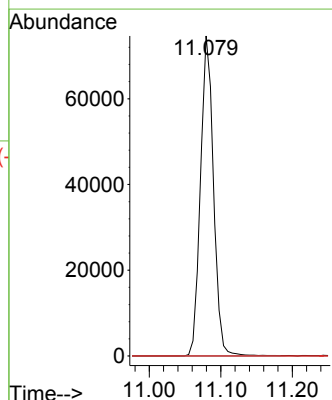
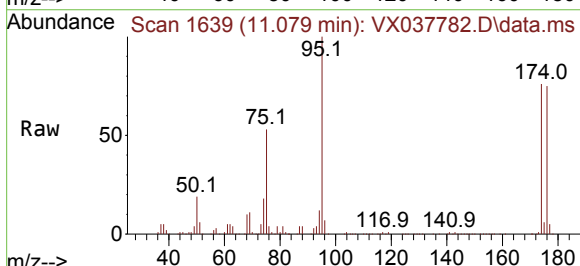
Tgt Ion: 75 Resp: 94481

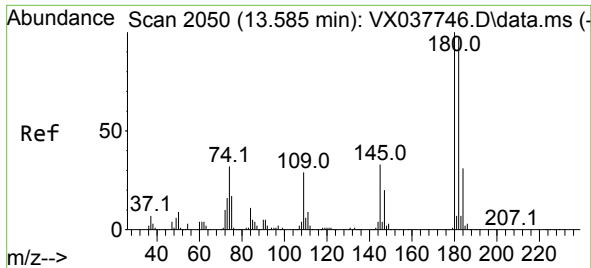
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

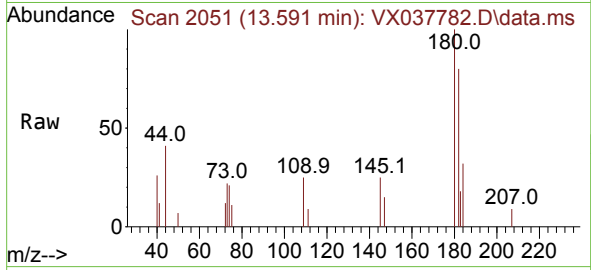
89 0.0 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.242 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX037782.D
 Acq: 18 Sep 2023 17:37

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



Tgt Ion:	180	Resp:	966
Ion	Ratio	Lower	Upper
180	100		
182	86.2	48.3	144.8
145	26.1	18.0	54.0

