

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030424\
 Data File : VX040573.D
 Acq On : 04 Mar 2024 16:52
 Operator : JC/MD
 Sample : P1661-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Mar 05 00:28:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

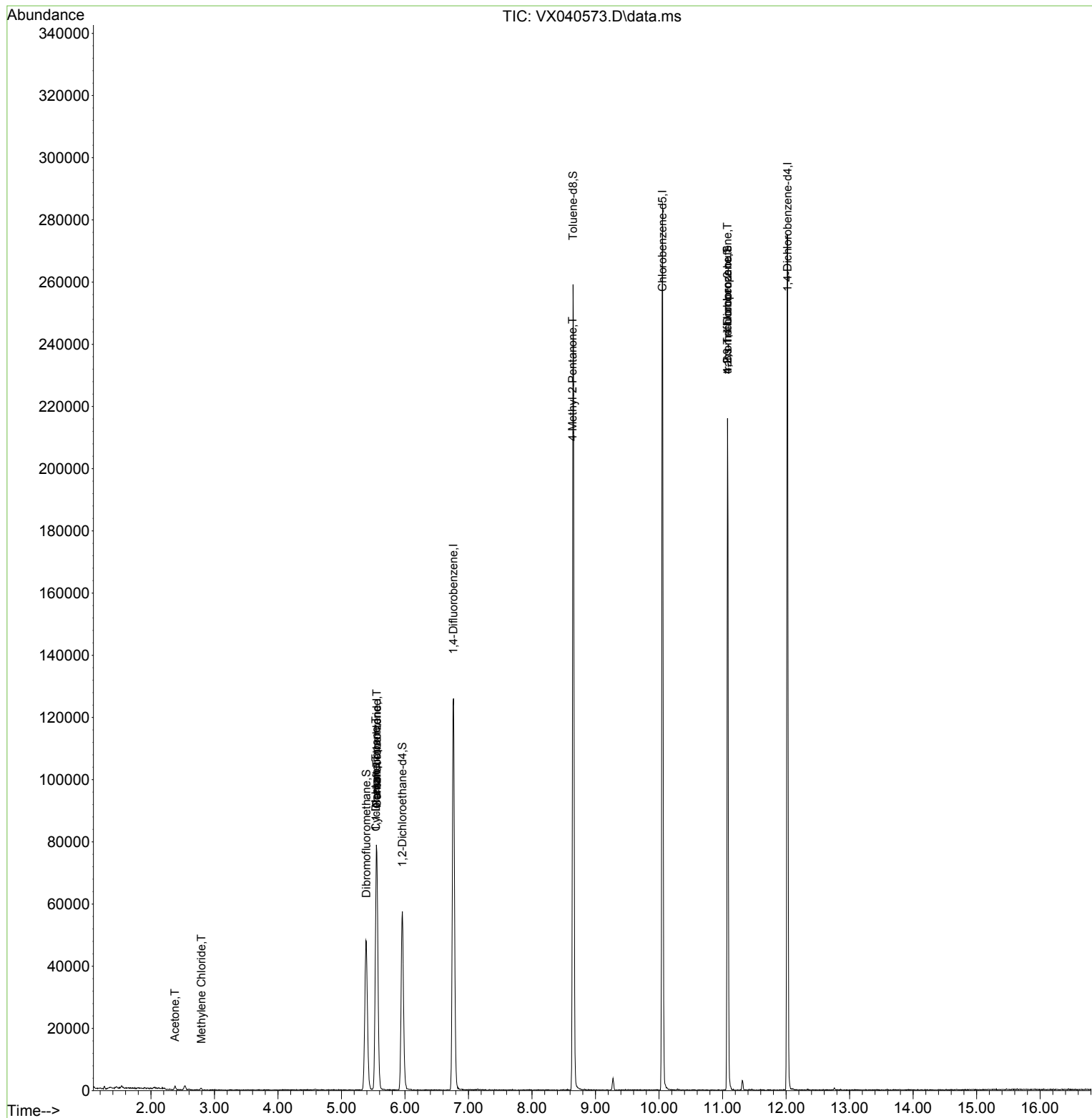
Internal Standards						
1) Pentafluorobenzene	5.556	168	69137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58221	50.349	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.700%			
35) Dibromofluoromethane	5.391	113	40494	47.956	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.920%			
50) Toluene-d8	8.647	98	150001	48.939	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.880%			
62) 4-Bromofluorobenzene	11.079	95	53364	45.674	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 91.340%			
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1228	3.256	ug/l	94
20) Methylene Chloride	2.794	84	284	0.315	ug/l #	74
31) Cyclohexane	5.544	56	897	0.685	ug/l #	31
36) 1,1-Dichloropropene	5.544	75	6442	4.952	ug/l #	49
38) Carbon Tetrachloride	5.556	117	7523	5.986	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	797	0.540	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31088	25.531	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	31088	74.427	ug/l #	5

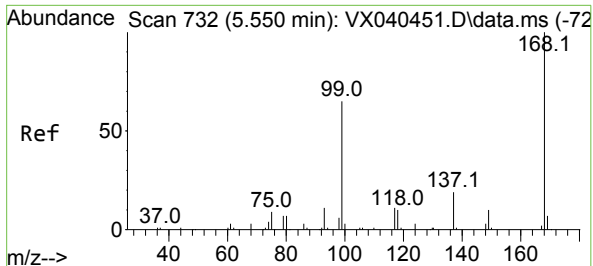
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

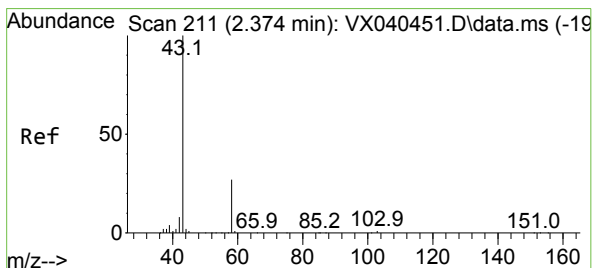
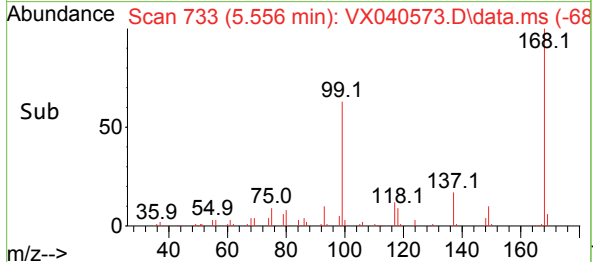
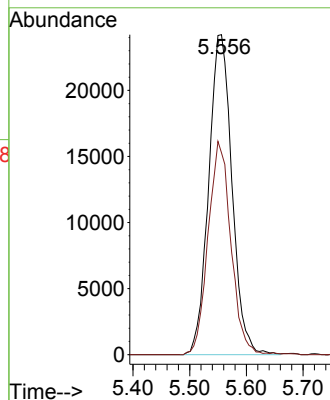
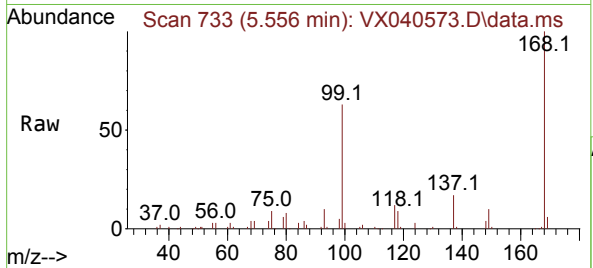




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040573.D
Acq: 04 Mar 2024 16:52

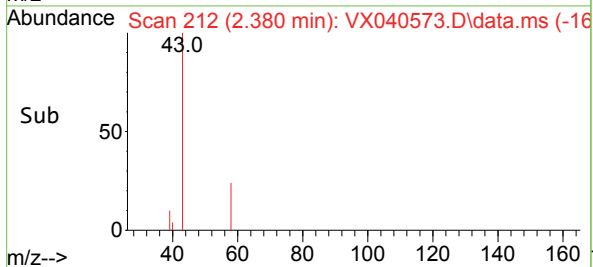
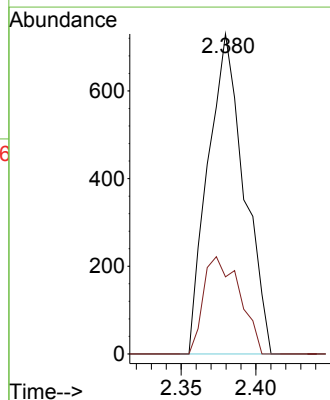
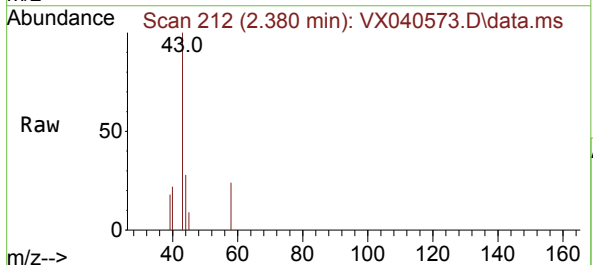
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

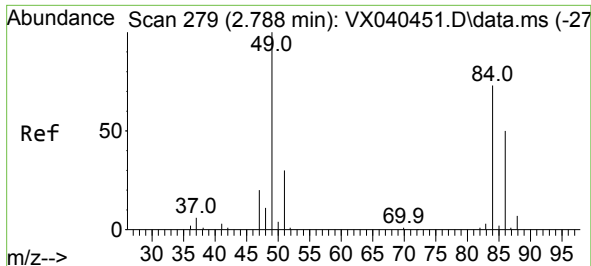
Tgt Ion:168 Resp: 69137
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#16
Acetone
Concen: 3.256 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040573.D
Acq: 04 Mar 2024 16:52

Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
58 24.1 21.9 32.9





#20

Methylene Chloride

Concen: 0.315 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040573.D

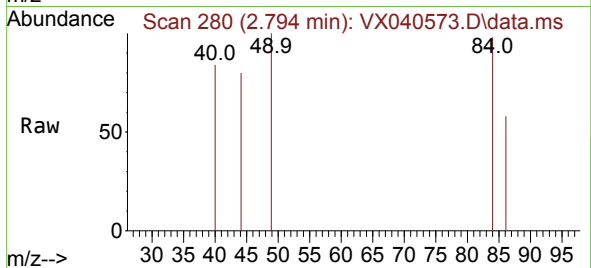
Acq: 04 Mar 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6



Tgt Ion: 84 Resp: 284

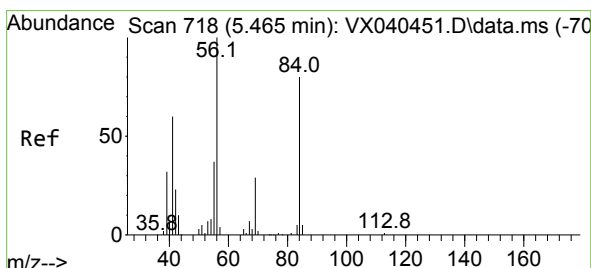
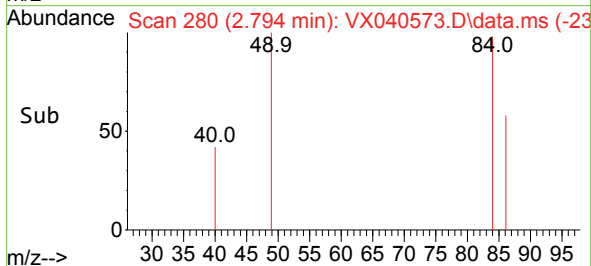
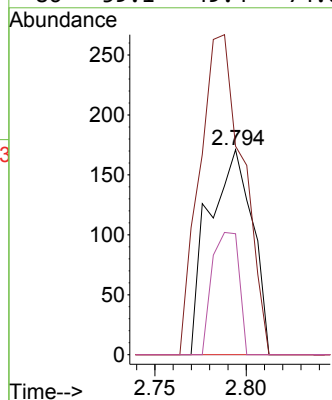
Ion Ratio Lower Upper

84 100

49 101.8 103.6 155.4#

51 0.0 33.8 50.6#

86 59.1 49.4 74.0



#31

Cyclohexane

Concen: 0.685 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX040573.D

Acq: 04 Mar 2024 16:52

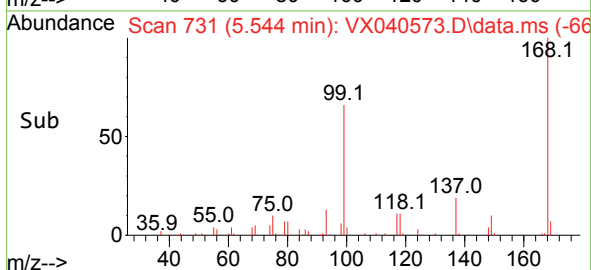
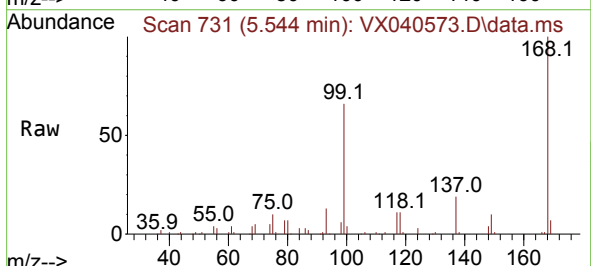
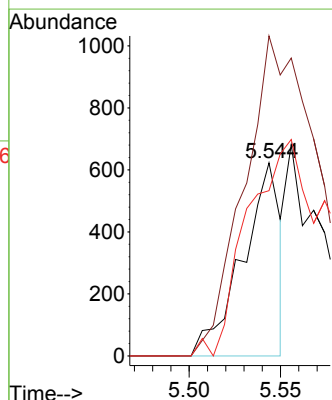
Tgt Ion: 56 Resp: 897

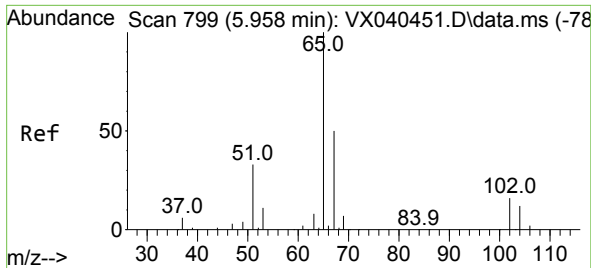
Ion Ratio Lower Upper

56 100

69 165.7 23.4 35.2#

84 85.6 65.9 98.9

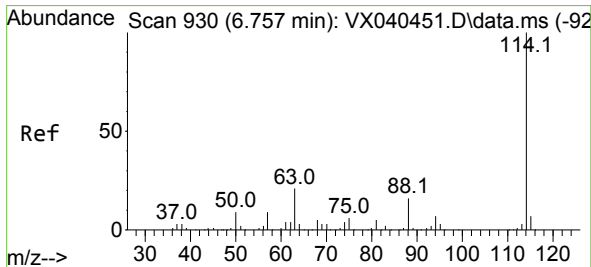
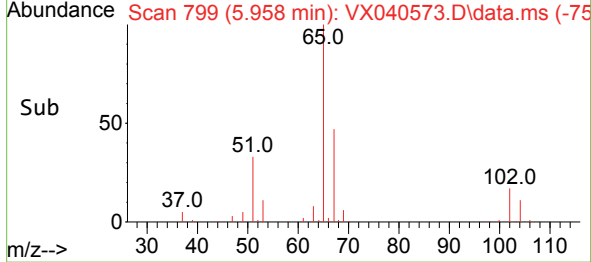
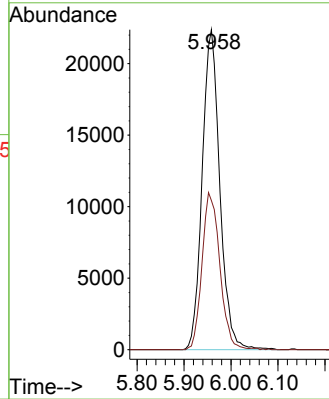
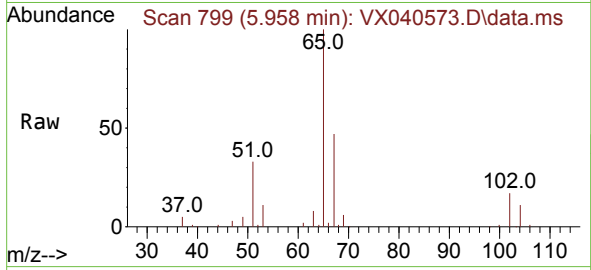




#33
 1,2-Dichloroethane-d4
 Concen: 50.349 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX040573.D
 Acq: 04 Mar 2024 16:52

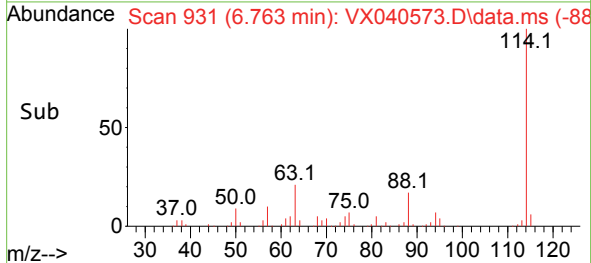
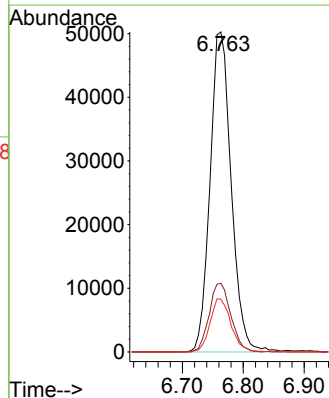
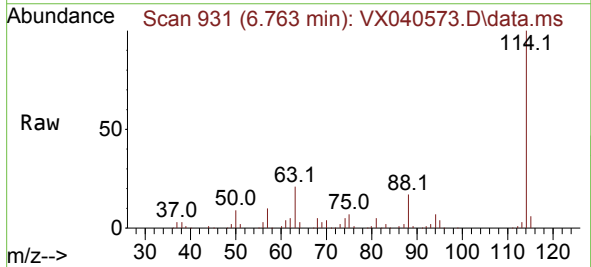
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

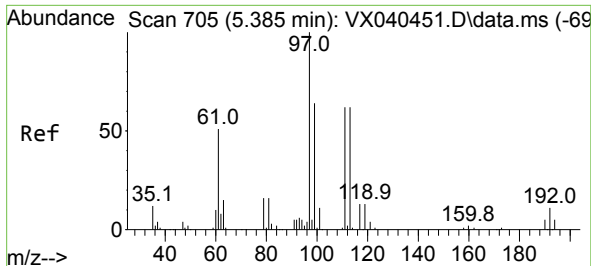
Tgt Ion: 65 Resp: 58221
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040573.D
 Acq: 04 Mar 2024 16:52

Tgt Ion: 114 Resp: 121427
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.0
 88 16.5 0.0 36.6

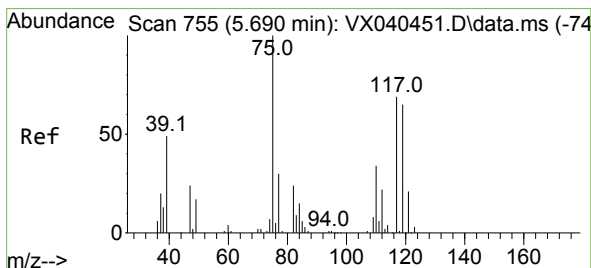
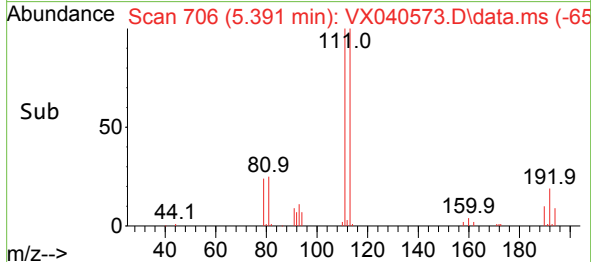
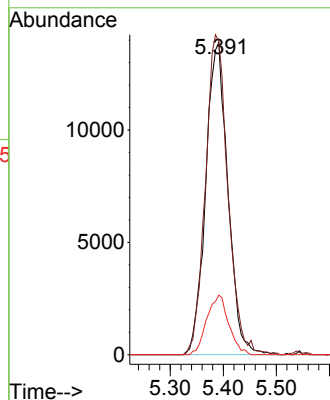
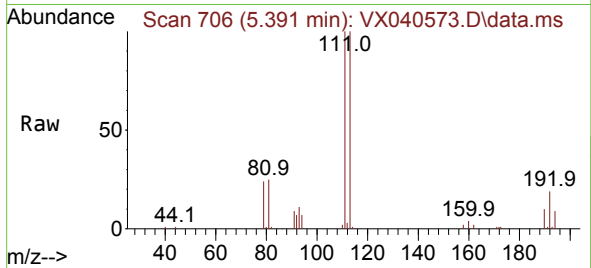




#35
Dibromofluoromethane
Concen: 47.956 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040573.D
Acq: 04 Mar 2024 16:52

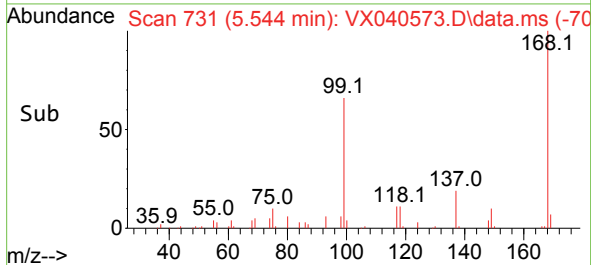
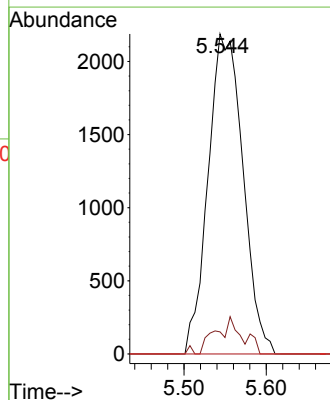
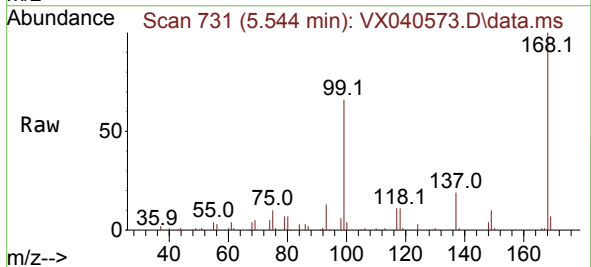
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

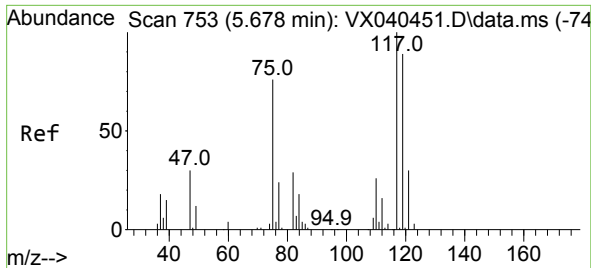
Tgt Ion:113 Resp: 40494
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.952 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX040573.D
Acq: 04 Mar 2024 16:52

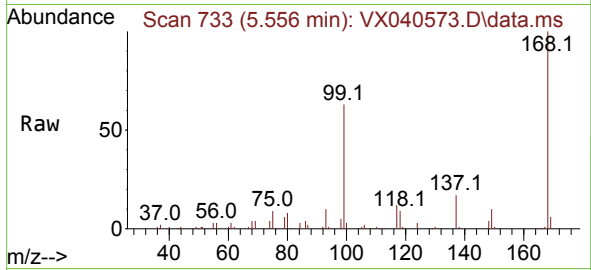
Tgt Ion: 75 Resp: 6442
Ion Ratio Lower Upper
75 100
110 7.3 17.0 50.9#
77 0.0 24.7 37.1#



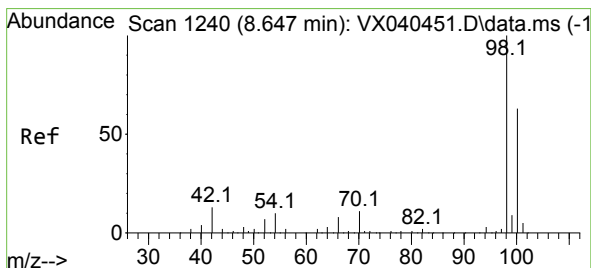
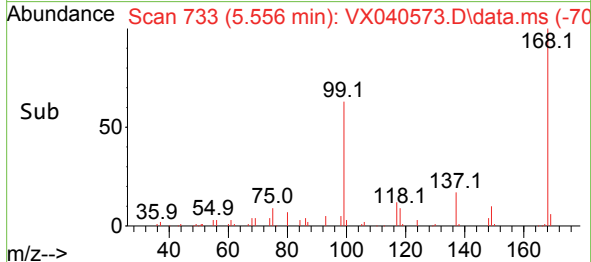
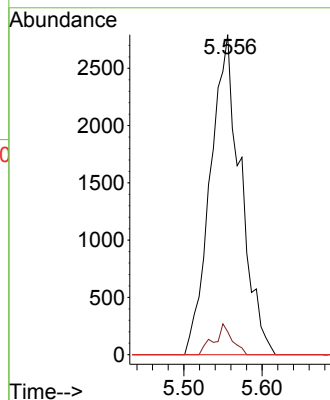


#38
Carbon Tetrachloride
Concen: 5.986 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX040573.D
Acq: 04 Mar 2024 16:52

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

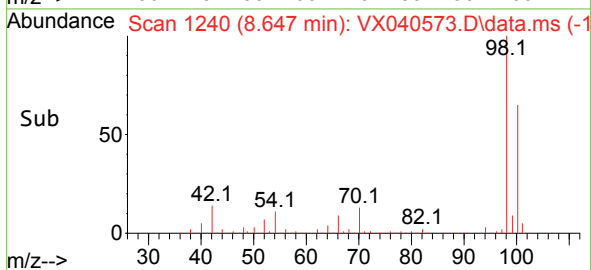
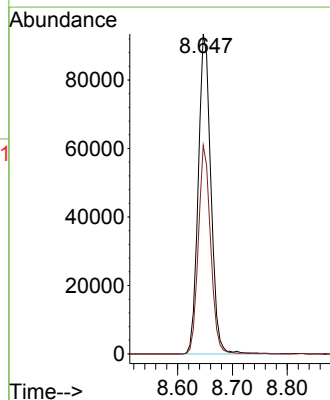
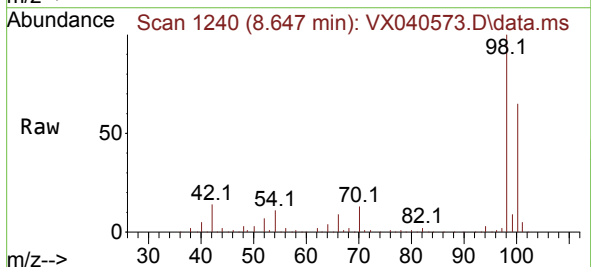


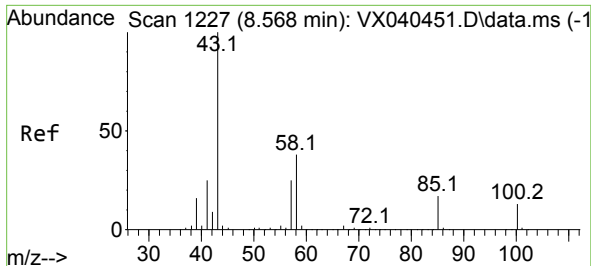
Tgt Ion:117 Resp: 7523
Ion Ratio Lower Upper
117 100
119 7.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.939 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040573.D
Acq: 04 Mar 2024 16:52

Tgt Ion: 98 Resp: 150001
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

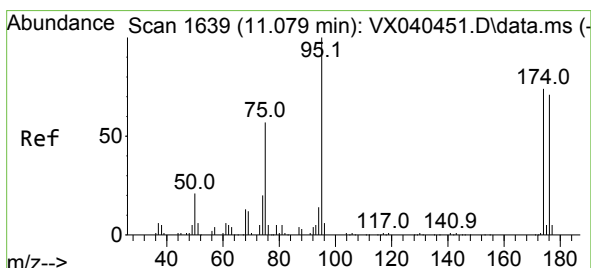
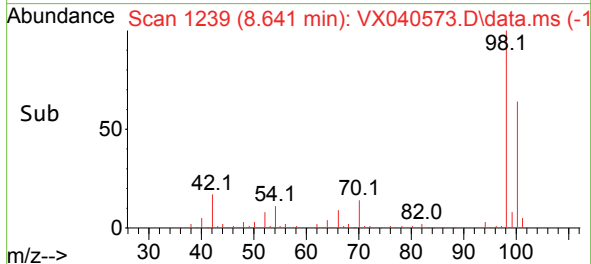
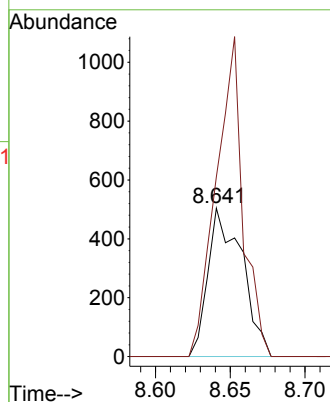
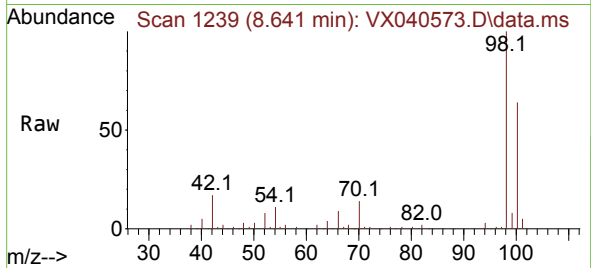




#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040573.D
Acq: 04 Mar 2024 16:52

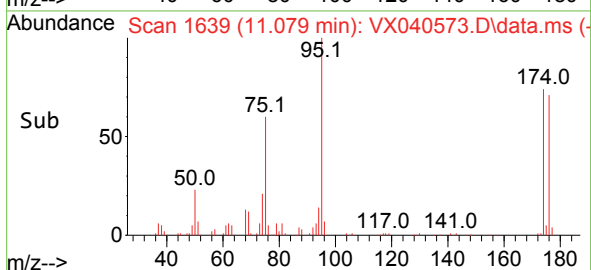
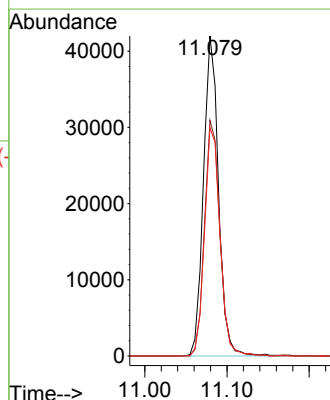
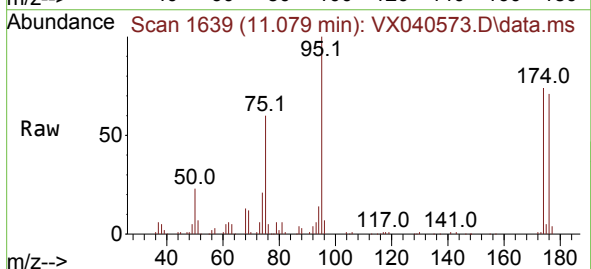
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STORAGE-BLANK-SOIL-REF-6

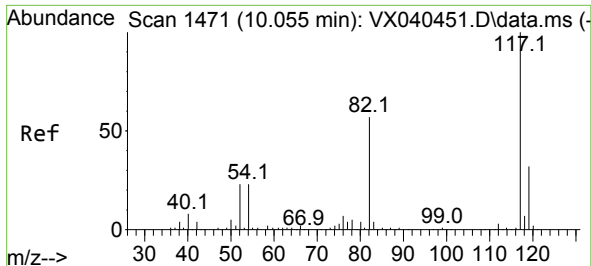
Tgt Ion: 43 Resp: 797
Ion Ratio Lower Upper
43 100
58 171.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.674 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040573.D
Acq: 04 Mar 2024 16:52

Tgt Ion: 95 Resp: 53364
Ion Ratio Lower Upper
95 100
174 75.4 0.0 135.6
176 73.3 0.0 131.0

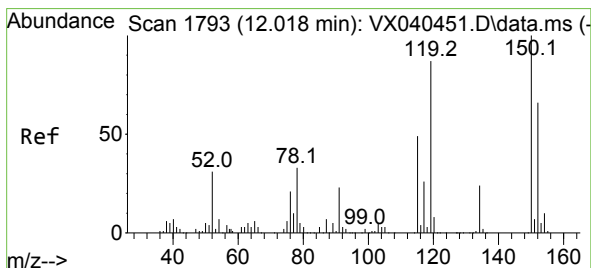
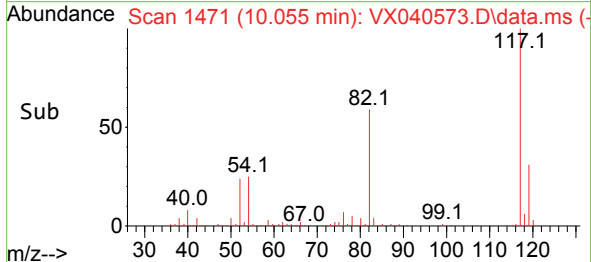
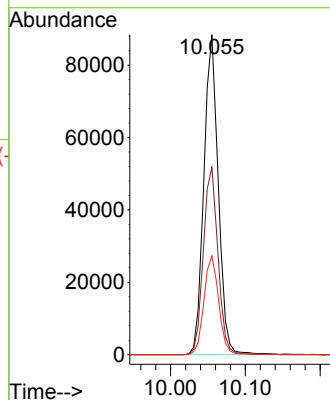
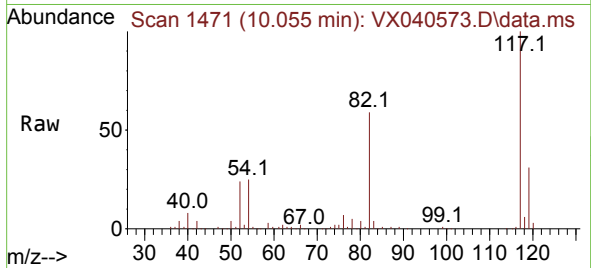




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040573.D
Acq: 04 Mar 2024 16:52

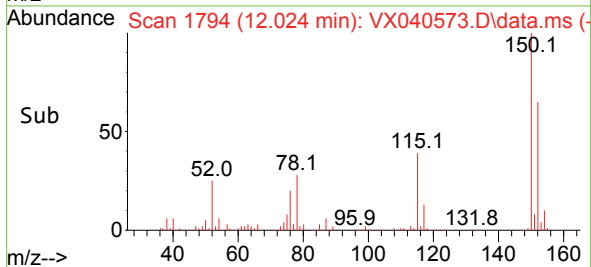
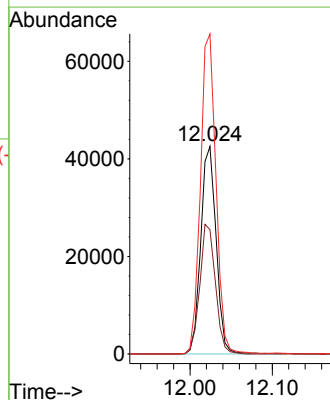
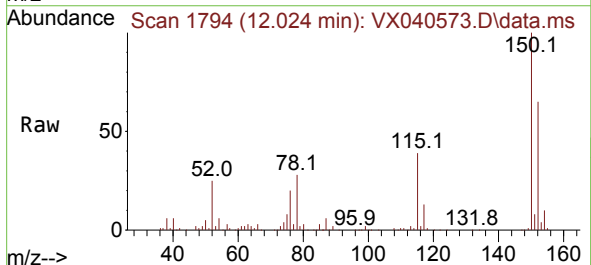
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

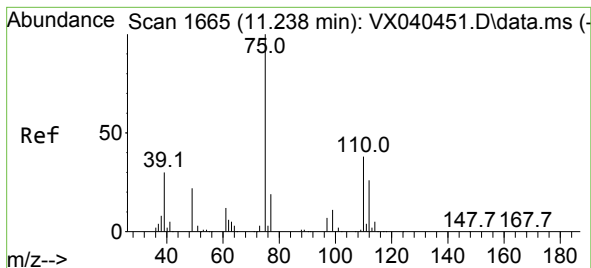
Tgt Ion:117 Resp: 118552
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 30.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040573.D
Acq: 04 Mar 2024 16:52

Tgt Ion:152 Resp: 55328
Ion Ratio Lower Upper
152 100
115 63.2 43.3 129.9
150 155.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.531 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040573.D

Acq: 04 Mar 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

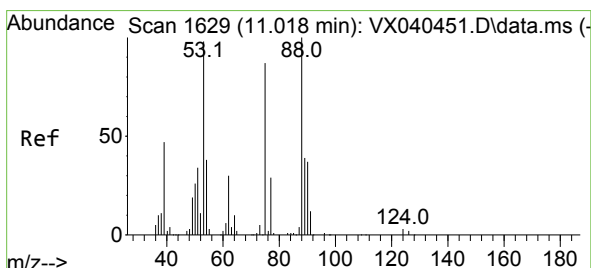
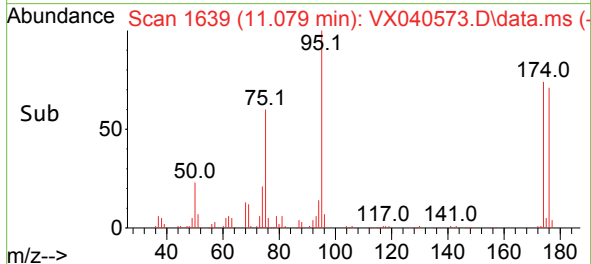
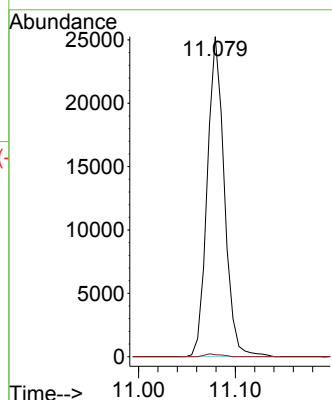
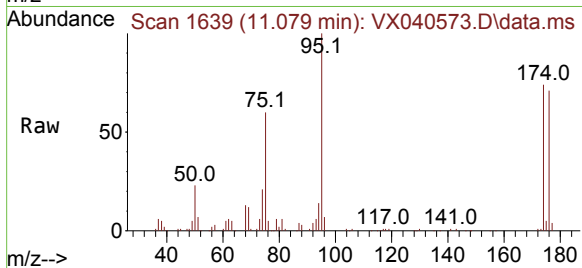
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 31088

Ion Ratio Lower Upper

75 100

77 0.8 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.427 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040573.D

Acq: 04 Mar 2024 16:52

Tgt Ion: 75 Resp: 31088

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

