

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045851.D
 Acq On : 18 Apr 2025 12:37
 Operator : JC/MD
 Sample : Q1826-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-PILE

Quant Time: Apr 18 23:37:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

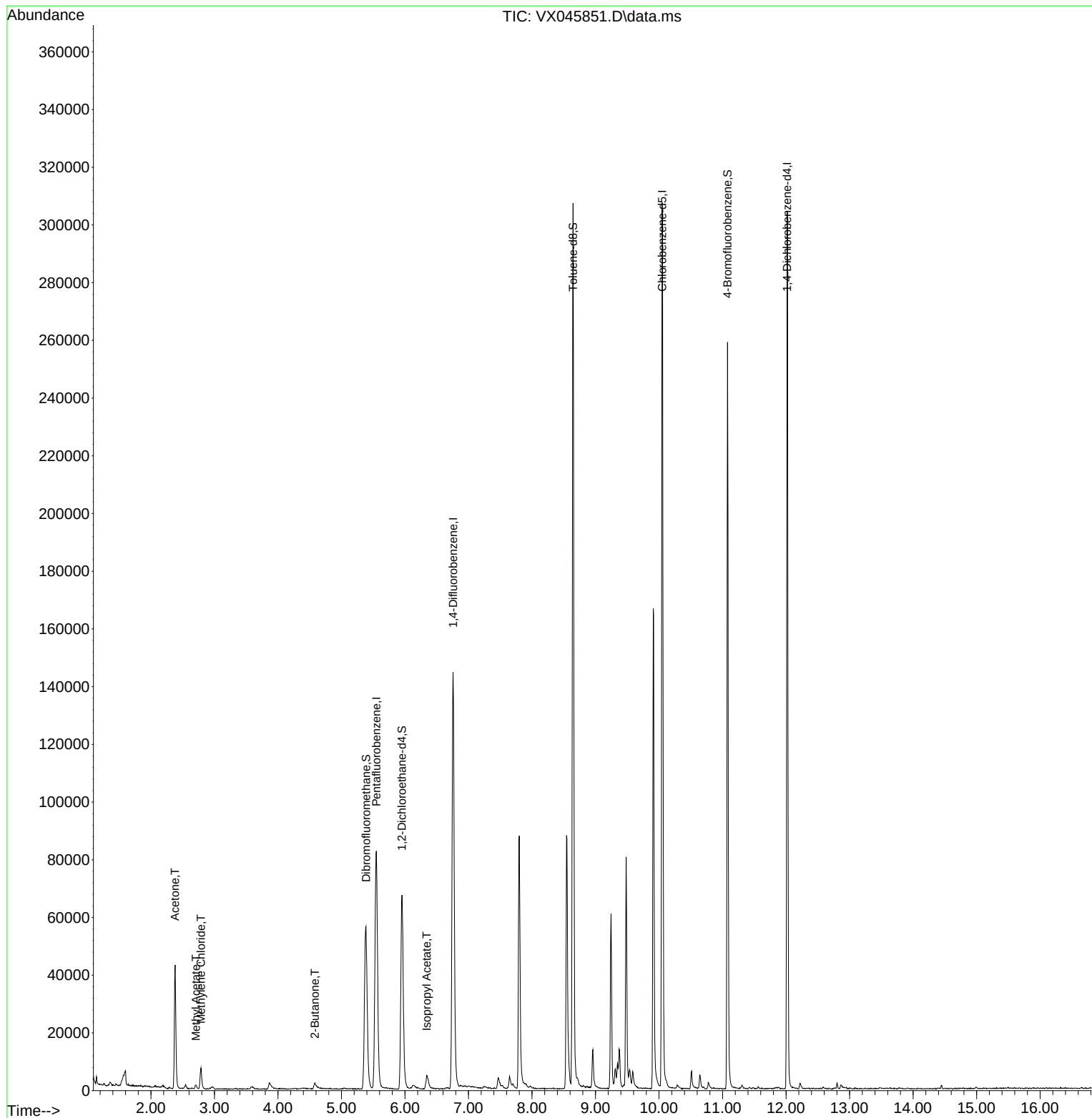
Internal Standards						
1) Pentafluorobenzene	5.549	168	70651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	140581	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69973	54.158	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.320%	
35) Dibromofluoromethane	5.385	113	50064	50.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.380%	
50) Toluene-d8	8.646	98	175626	50.447	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	11.079	95	67227	53.014	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.020%	
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	45920	86.553	ug/l	100
18) Methyl Acetate	2.708	43	2097	1.717	ug/l	94
20) Methylene Chloride	2.788	84	3066	3.087	ug/l	97
25) 2-Butanone	4.580	43	5008	6.449	ug/l	99
43) Isopropyl Acetate	6.342	43	7217	2.806	ug/l	98

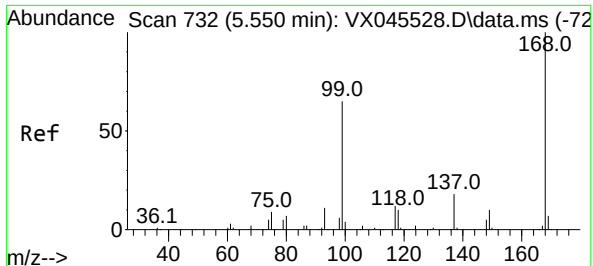
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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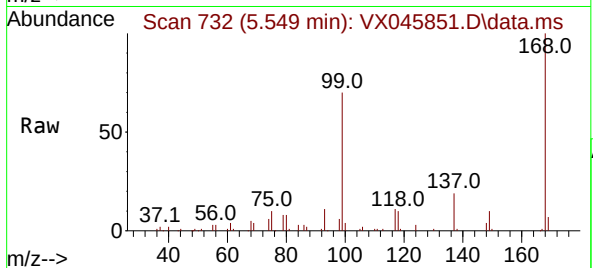
Quant Time: Apr 18 23:37:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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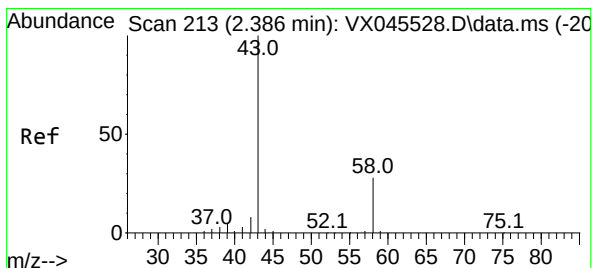
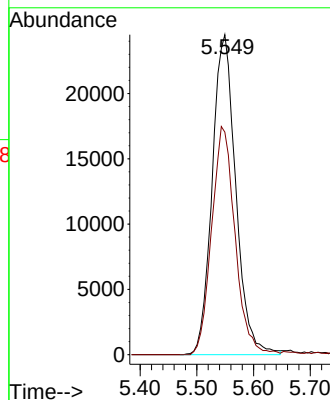
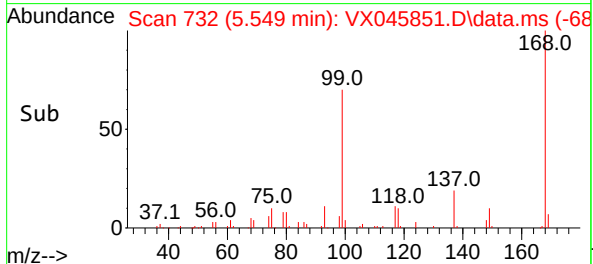


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045851.D
Acq: 18 Apr 2025 12:37

Instrument :
MSVOA_X
ClientSampleId :
SOIL-PILE

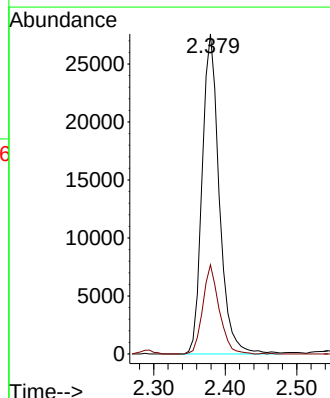
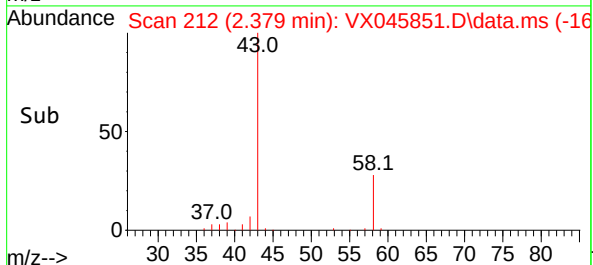
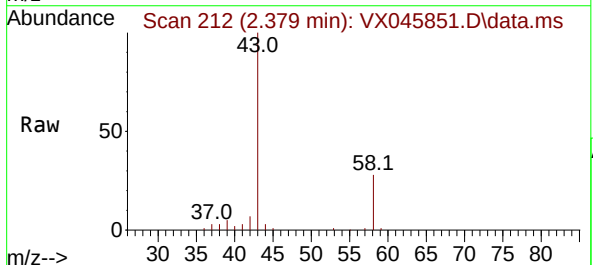


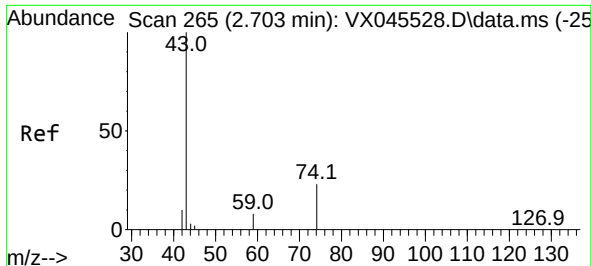
Tgt Ion:168 Resp: 70651
Ion Ratio Lower Upper
168 100
99 69.6 52.3 78.5



#16
Acetone
Concen: 86.553 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.007 min
Lab File: VX045851.D
Acq: 18 Apr 2025 12:37

Tgt Ion: 43 Resp: 45920
Ion Ratio Lower Upper
43 100
58 27.9 22.3 33.5

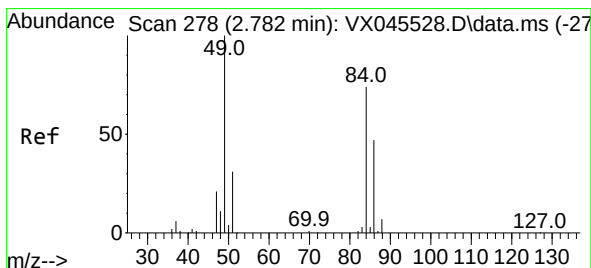
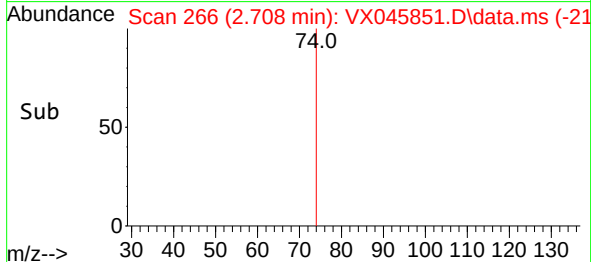
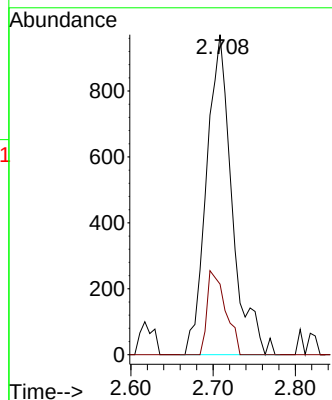
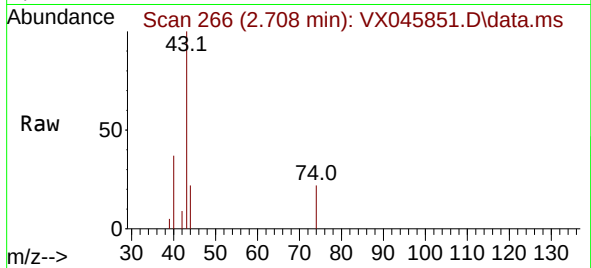




#18
Methyl Acetate
Concen: 1.717 ug/l
RT: 2.708 min Scan# 2097
Delta R.T. 0.006 min
Lab File: VX045851.D
Acq: 18 Apr 2025 12:37

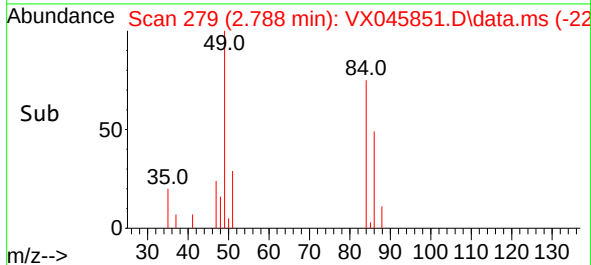
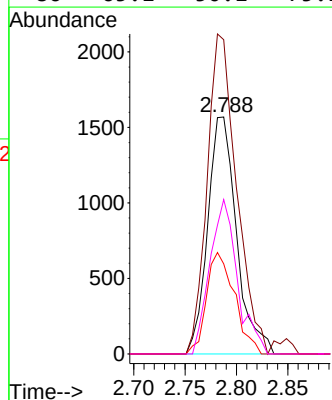
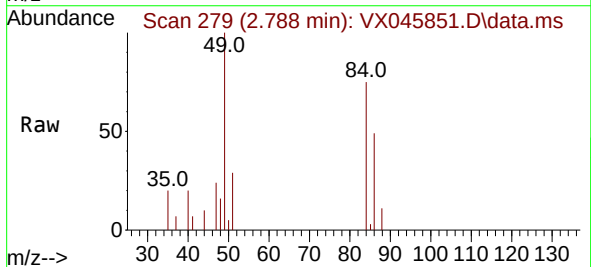
Instrument :
MSVOA_X
ClientSampleId :
SOIL-PILE

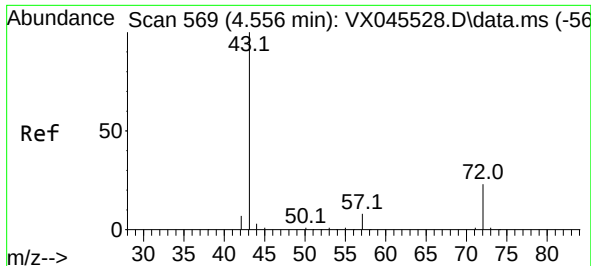
Tgt Ion: 43 Resp: 2097
Ion Ratio Lower Upper
43 100
74 18.9 17.5 26.3



#20
Methylene Chloride
Concen: 3.087 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045851.D
Acq: 18 Apr 2025 12:37

Tgt Ion: 84 Resp: 3066
Ion Ratio Lower Upper
84 100
49 132.6 107.5 161.3
51 38.0 33.0 49.6
86 65.1 50.1 75.1

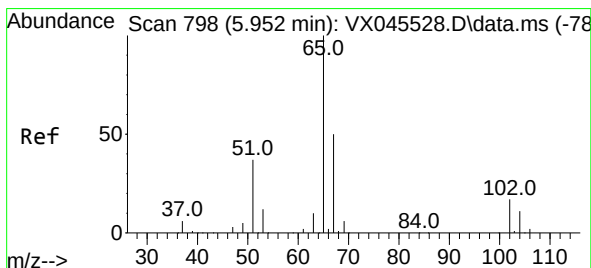
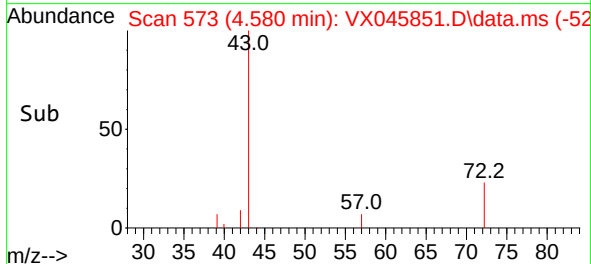
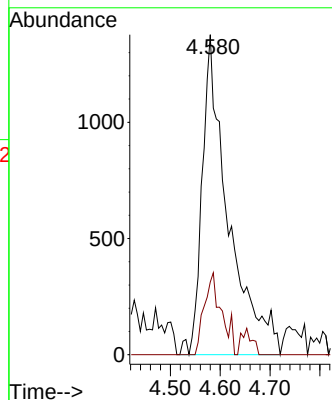
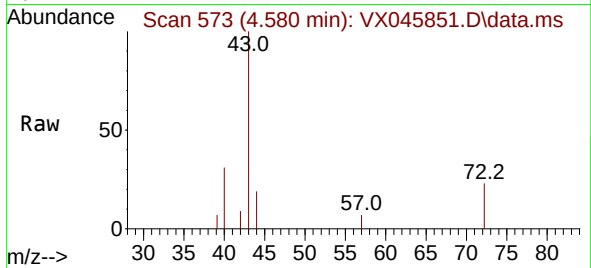




#25
2-Butanone
Concen: 6.449 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX045851.D
Acq: 18 Apr 2025 12:37

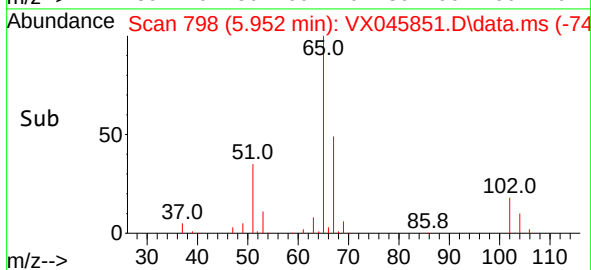
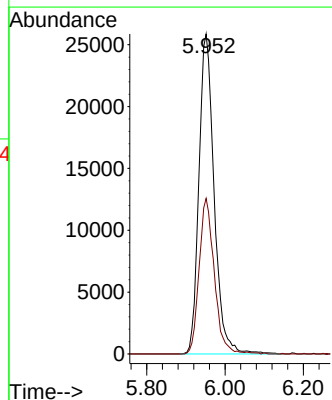
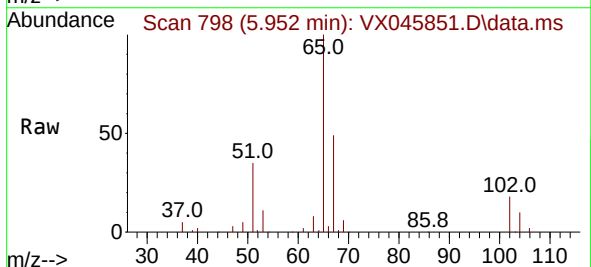
Instrument :
MSVOA_X
ClientSampleId :
SOIL-PILE

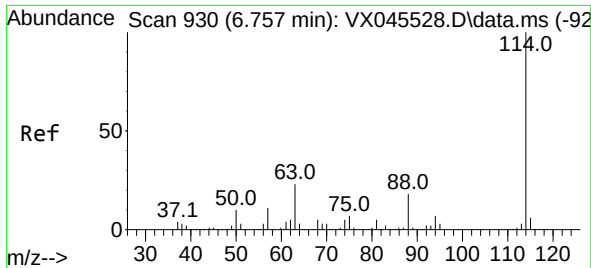
Tgt Ion: 43 Resp: 5008
Ion Ratio Lower Upper
43 100
72 22.7 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 54.158 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045851.D
Acq: 18 Apr 2025 12:37

Tgt Ion: 65 Resp: 69973
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.0

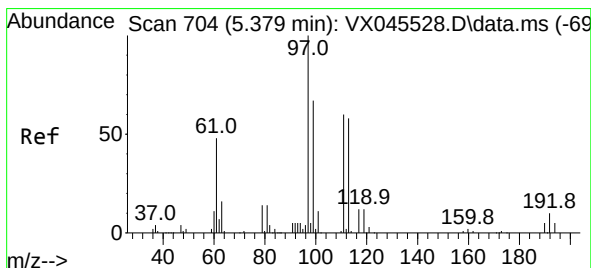
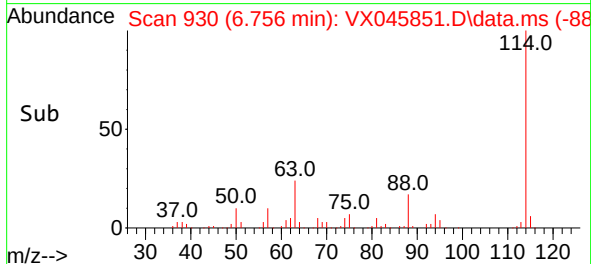
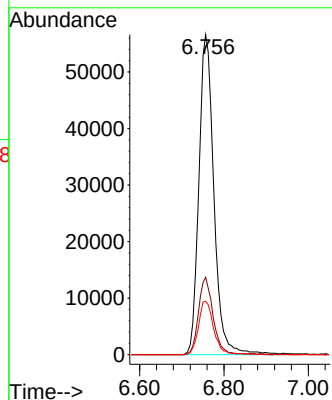
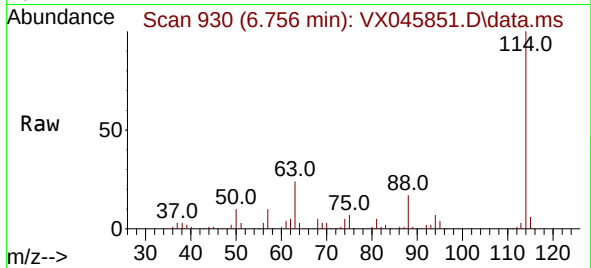




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045851.D
Acq: 18 Apr 2025 12:37

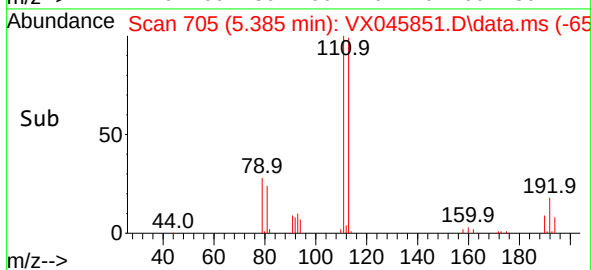
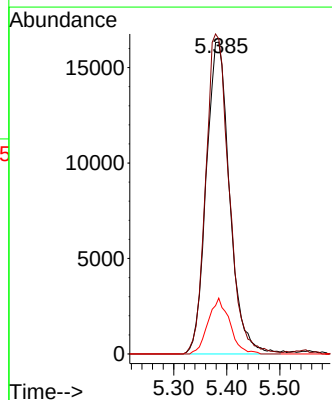
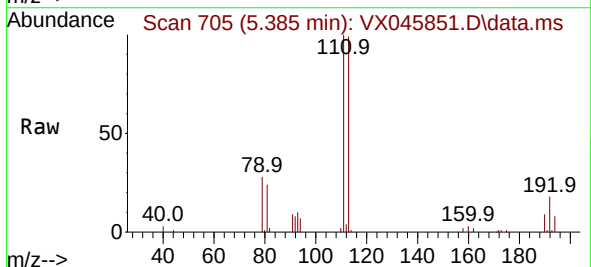
Instrument :
MSVOA_X
ClientSampleId :
SOIL-PILE

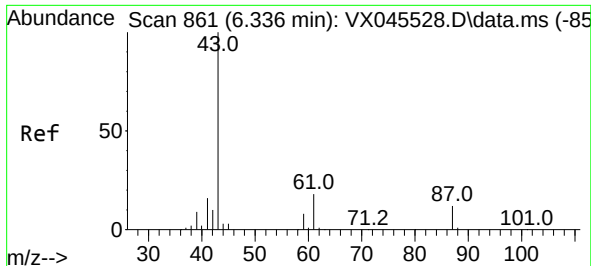
Tgt Ion:114 Resp: 140581
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.8
88 16.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.193 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045851.D
Acq: 18 Apr 2025 12:37

Tgt Ion:113 Resp: 50064
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 16.6 13.8 20.6

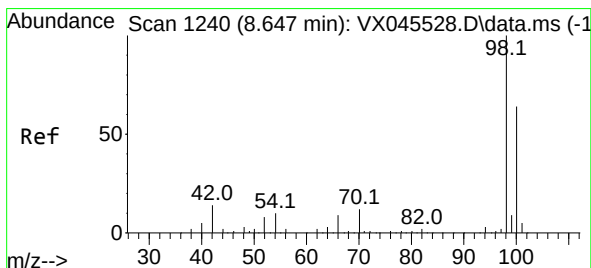
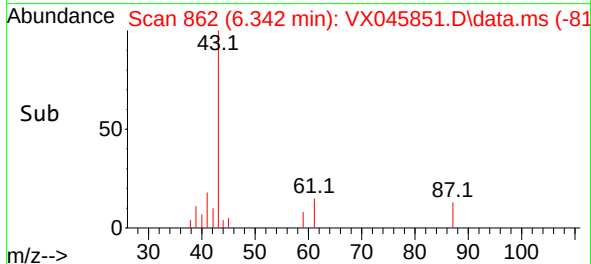
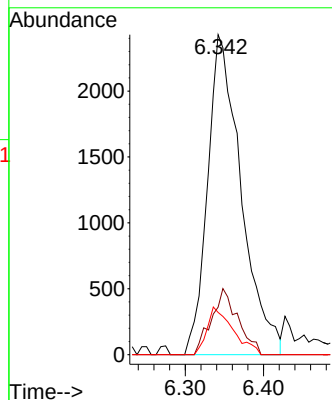
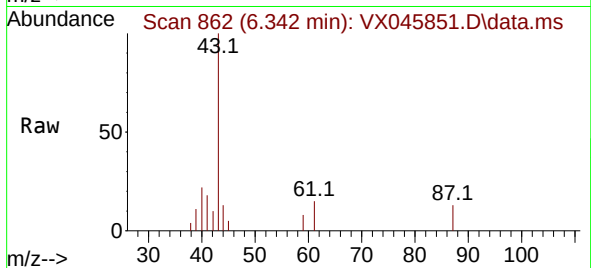




#43
Isopropyl Acetate
Concen: 2.806 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045851.D
Acq: 18 Apr 2025 12:37

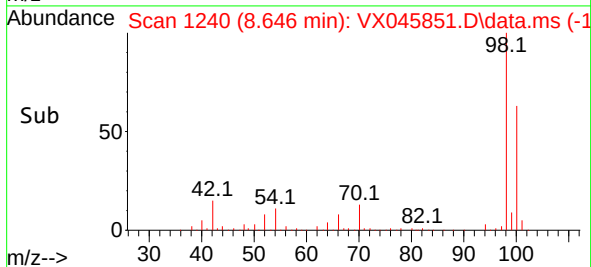
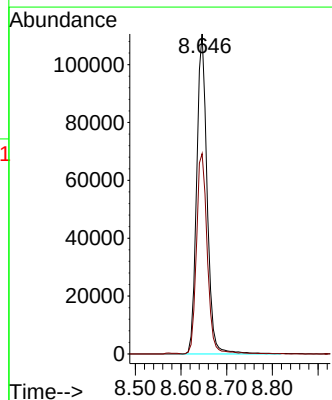
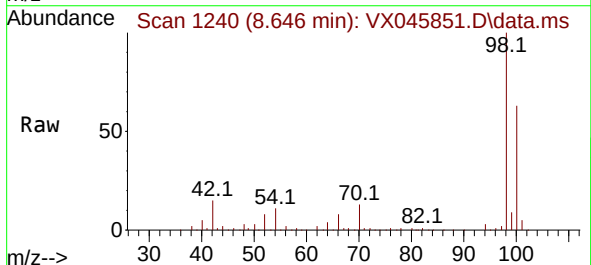
Instrument :
MSVOA_X
ClientSampleId :
SOIL-PILE

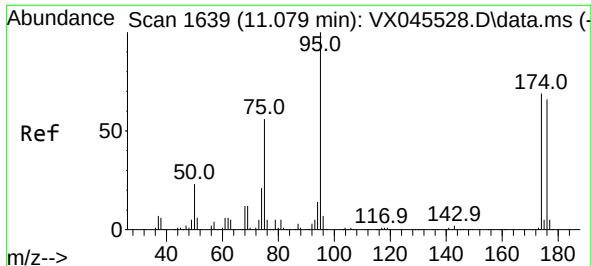
Tgt Ion: 43 Resp: 7217
Ion Ratio Lower Upper
43 100
61 16.4 14.1 21.1
87 11.5 9.2 13.8



#50
Toluene-d8
Concen: 50.447 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045851.D
Acq: 18 Apr 2025 12:37

Tgt Ion: 98 Resp: 175626
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 53.014 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045851.D

Acq: 18 Apr 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

SOIL-PILE

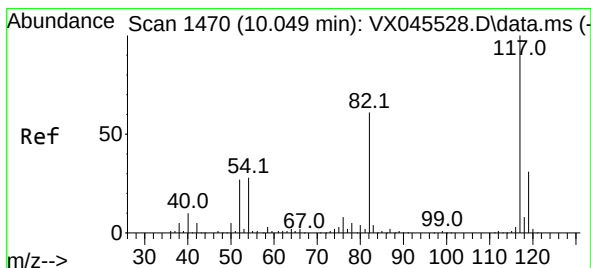
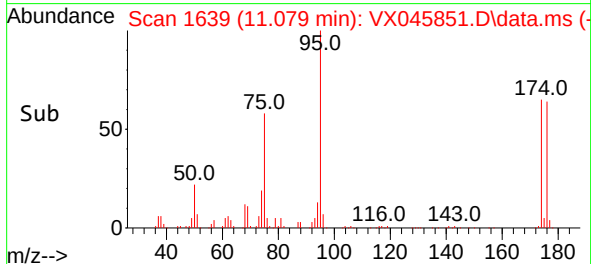
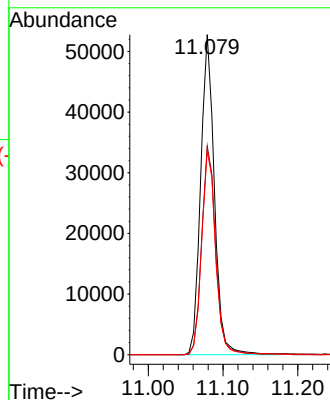
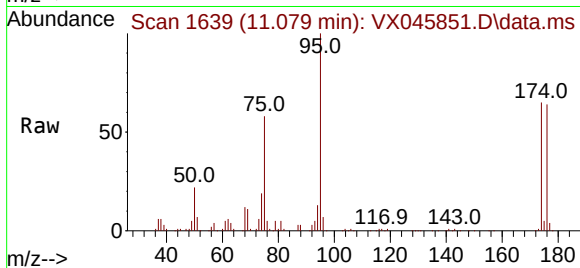
Tgt Ion: 95 Resp: 67227

Ion Ratio Lower Upper

95 100

174 66.5 0.0 135.8

176 64.2 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045851.D

Acq: 18 Apr 2025 12:37

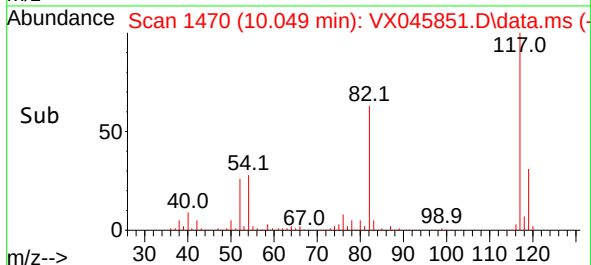
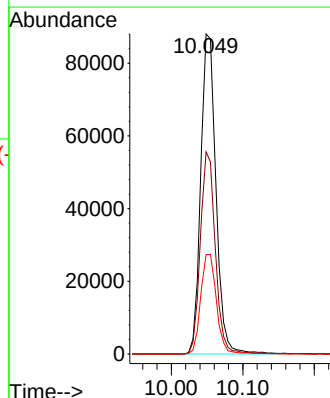
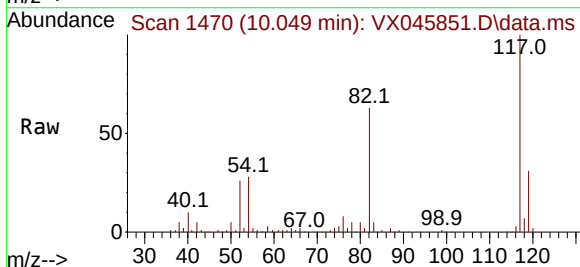
Tgt Ion: 117 Resp: 130200

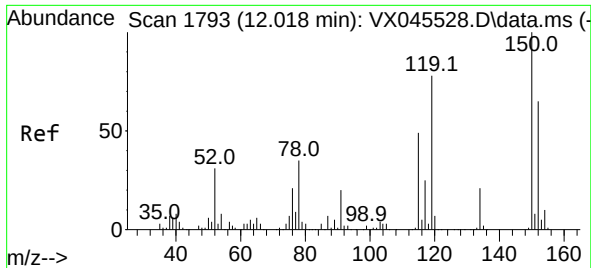
Ion Ratio Lower Upper

117 100

82 63.2 49.2 73.8

119 31.1 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045851.D

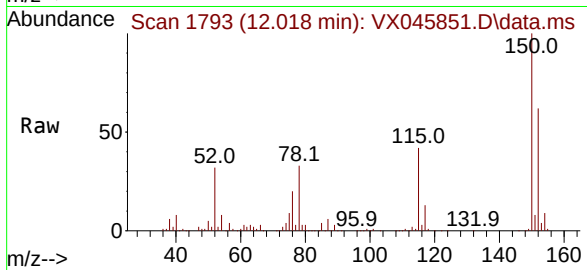
Acq: 18 Apr 2025 12:37

Instrument :

MSVOA_X

ClientSampleId :

SOIL-PILE



Tgt Ion:152 Resp: 55543

Ion Ratio Lower Upper

152 100

115 65.6 46.9 140.7

150 160.1 0.0 349.4

