

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012924\
 Data File : VX040006.D
 Acq On : 29 Jan 2024 19:01
 Operator : JC/MD
 Sample : P1270-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-SOIL-20240126

Quant Time: Jan 30 02:50:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

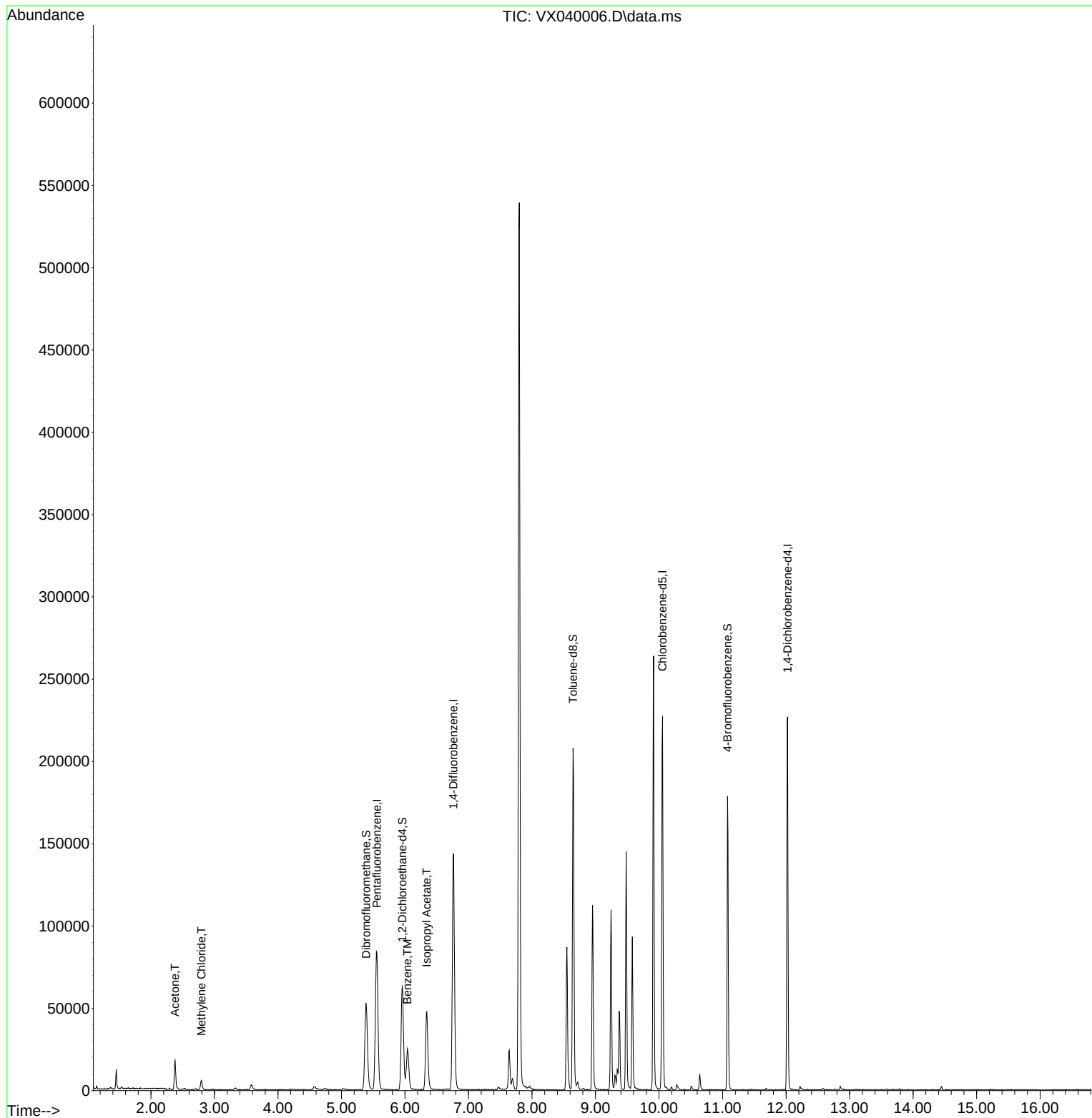
Internal Standards						
1) Pentafluorobenzene	5.556	168	74222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	139821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	88463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61047	49.100	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.200%
35) Dibromofluoromethane	5.385	113	46223	49.082	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.160%
50) Toluene-d8	8.646	98	116746	32.869	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	65.740%#
62) 4-Bromofluorobenzene	11.079	95	42729	30.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	61.520%#
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	18229	26.070	ug/l #	86
20) Methylene Chloride	2.794	84	2590	2.449	ug/l	84
40) Benzene	6.037	78	29854	7.192	ug/l	97
43) Isopropyl Acetate	6.342	43	63923	22.282	ug/l	99

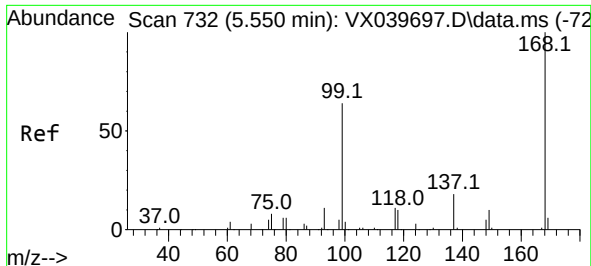
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

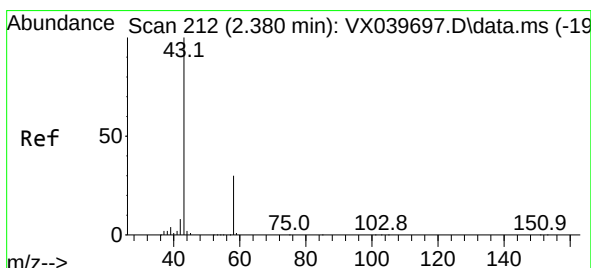
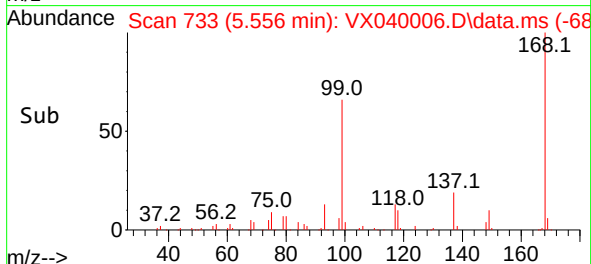
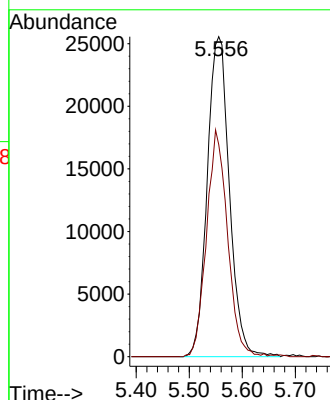
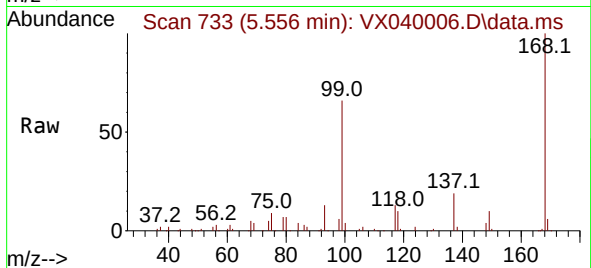




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040006.D
Acq: 29 Jan 2024 19:01

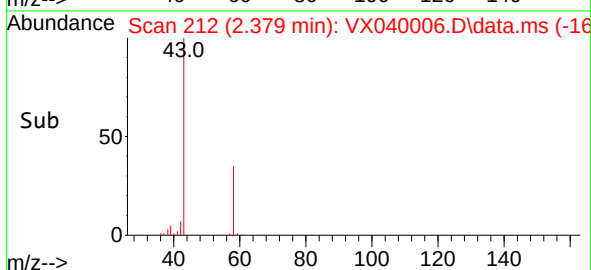
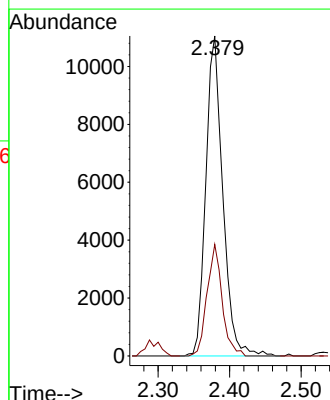
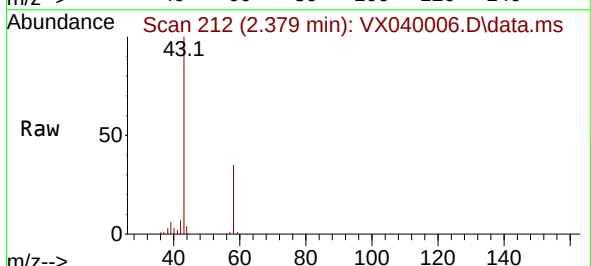
Instrument :
MSVOA_X
ClientSampleId :
WC-SOIL-20240126

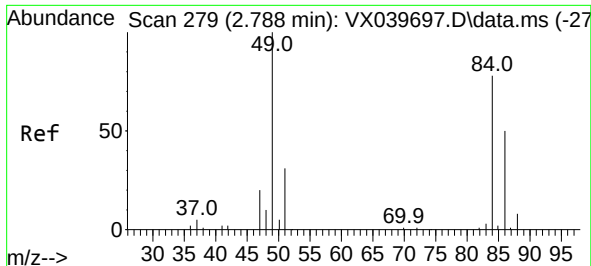
Tgt Ion:168 Resp: 74222
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#16
Acetone
Concen: 26.070 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX040006.D
Acq: 29 Jan 2024 19:01

Tgt Ion: 43 Resp: 18229
Ion Ratio Lower Upper
43 100
58 34.8 21.9 32.9#

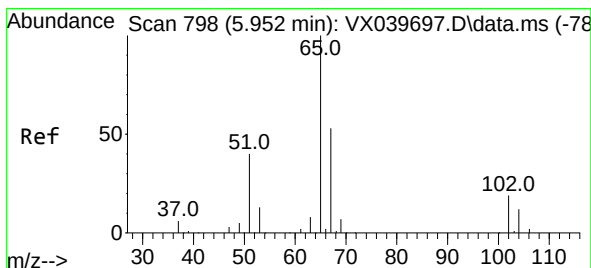
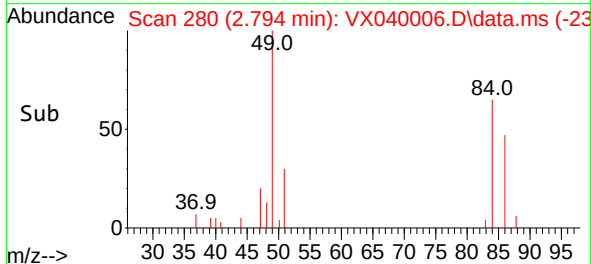
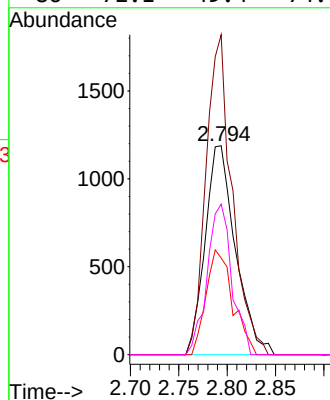
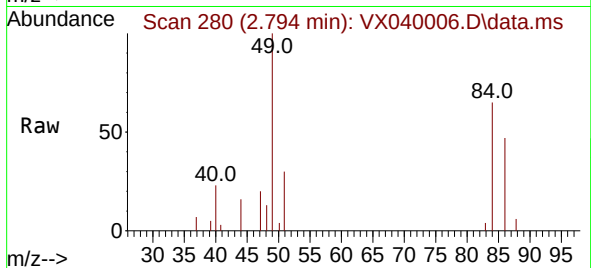




#20
Methylene Chloride
Concen: 2.449 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040006.D
Acq: 29 Jan 2024 19:01

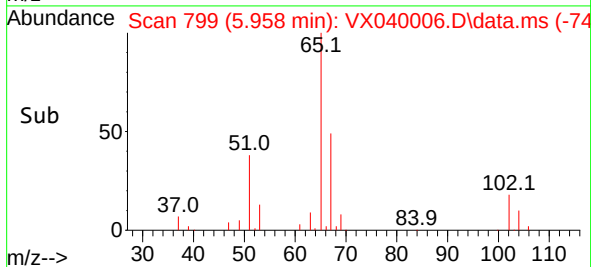
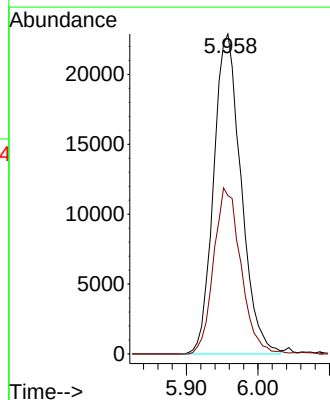
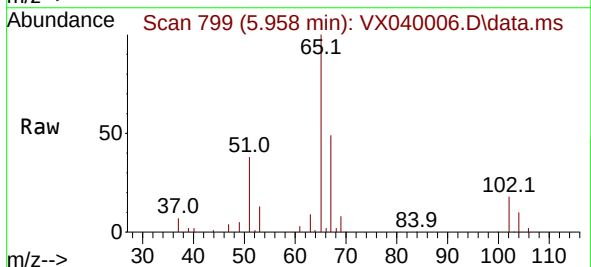
Instrument :
MSVOA_X
ClientSampleId :
WC-SOIL-20240126

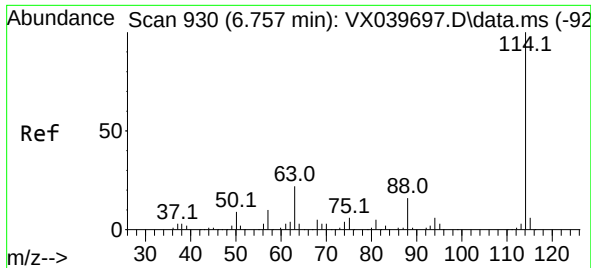
Tgt Ion:	84	Resp:	2590
Ion	Ratio	Lower	Upper
84	100		
49	153.2	103.6	155.4
51	46.2	33.8	50.6
86	72.1	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 49.100 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040006.D
Acq: 29 Jan 2024 19:01

Tgt Ion:	65	Resp:	61047
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	100.2

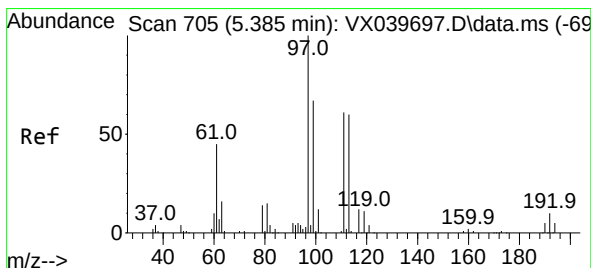
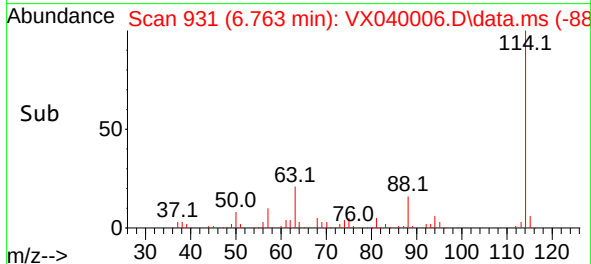
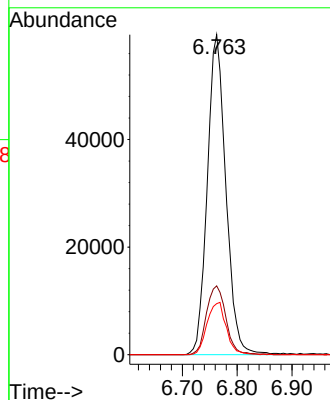
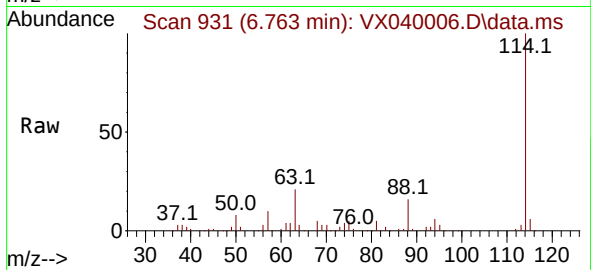




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX040006.D
Acq: 29 Jan 2024 19:01

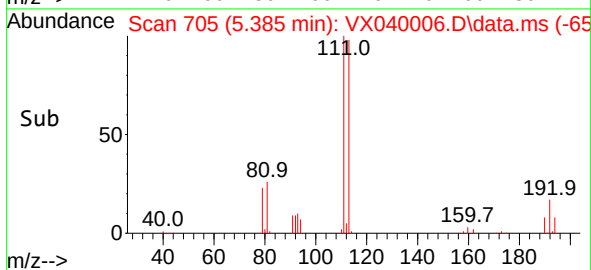
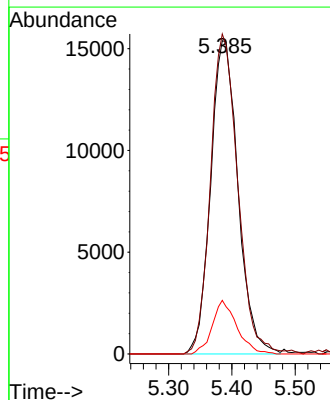
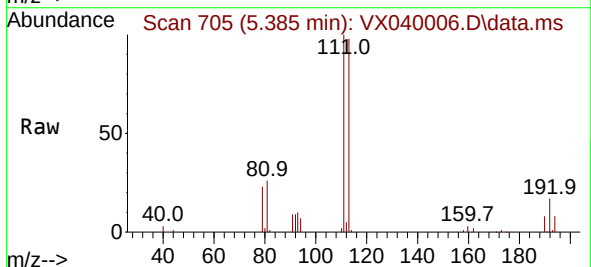
Instrument :
MSVOA_X
ClientSampleId :
WC-SOIL-20240126

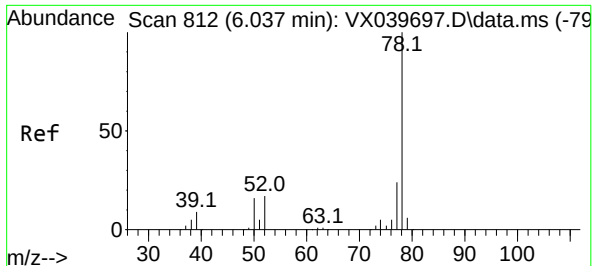
Tgt Ion:114 Resp: 139821
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.082 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040006.D
Acq: 29 Jan 2024 19:01

Tgt Ion:113 Resp: 46223
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 15.4 13.3 19.9

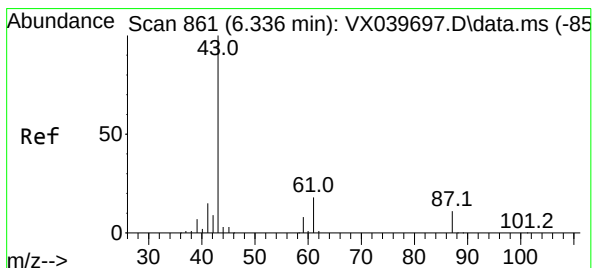
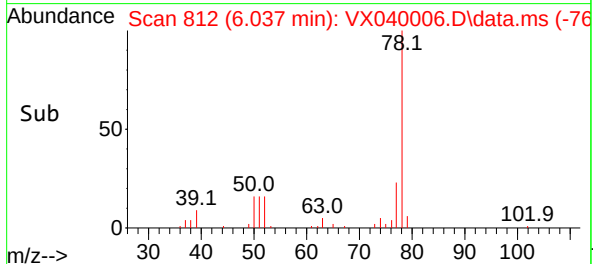
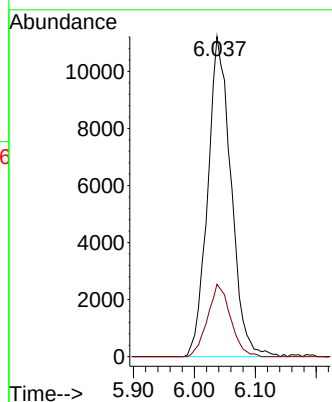
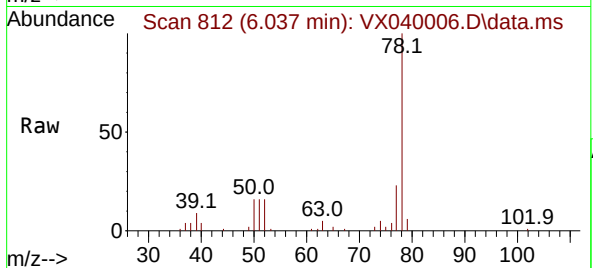




#40
Benzene
Concen: 7.192 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040006.D
Acq: 29 Jan 2024 19:01

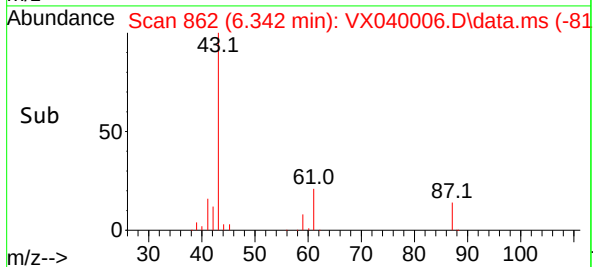
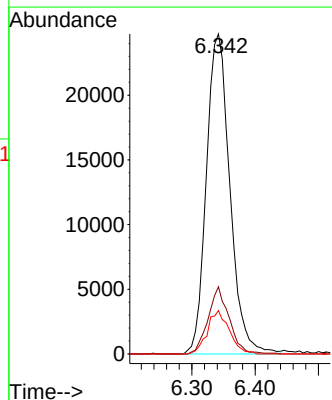
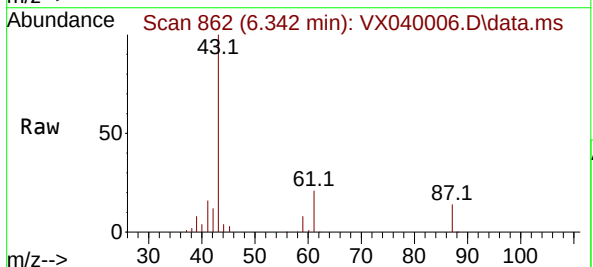
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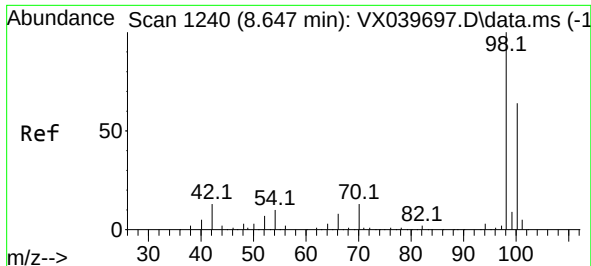
Tgt Ion: 78 Resp: 29854
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9



#43
Isopropyl Acetate
Concen: 22.282 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040006.D
Acq: 29 Jan 2024 19:01

Tgt Ion: 43 Resp: 63923
Ion Ratio Lower Upper
43 100
61 18.8 15.2 22.8
87 12.6 9.8 14.6

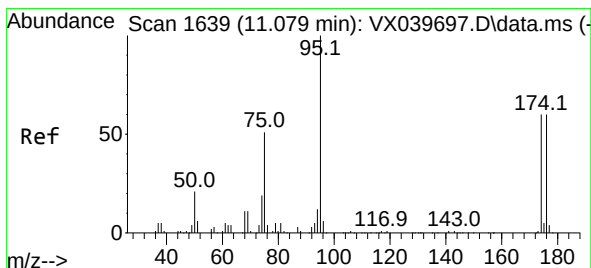
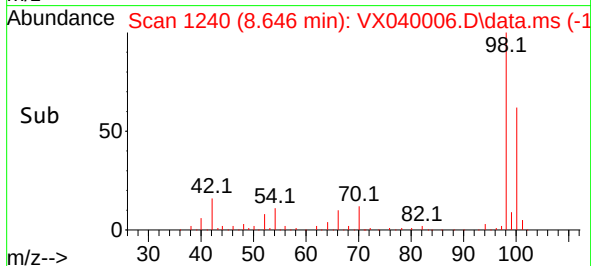
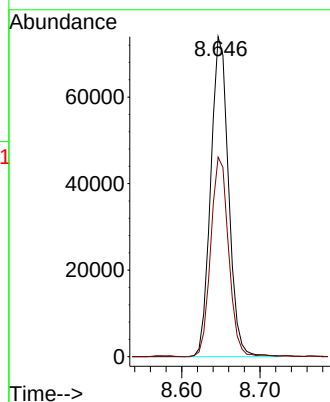
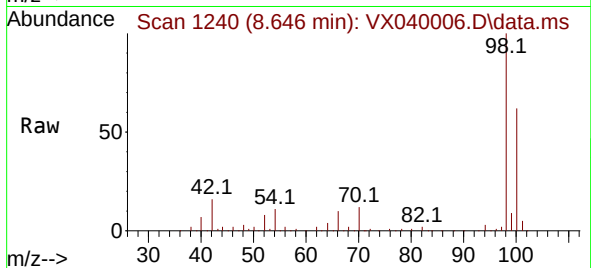




#50
Toluene-d8
Concen: 32.869 ug/l
RT: 8.646 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VX040006.D
Acq: 29 Jan 2024 19:01

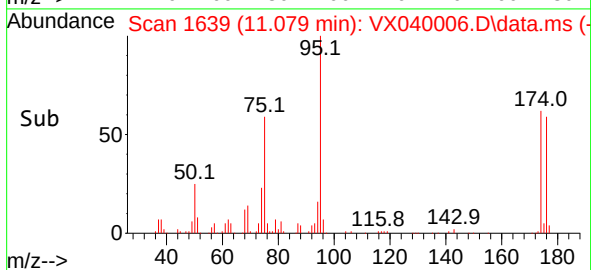
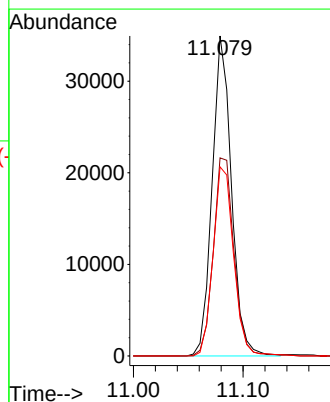
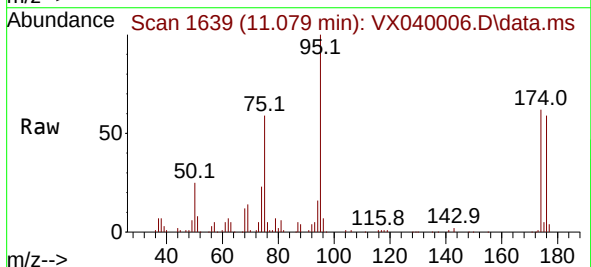
Instrument :
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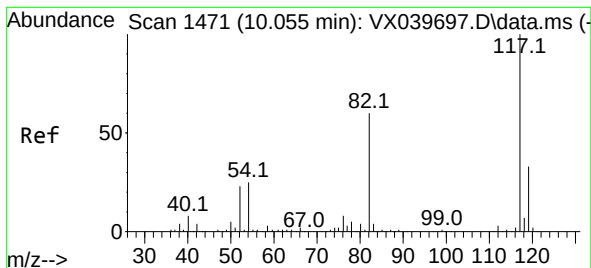
Tgt Ion: 98 Resp: 116746
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 30.763 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040006.D
Acq: 29 Jan 2024 19:01

Tgt Ion: 95 Resp: 42729
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.6
176 63.1 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: VX040006.D

Acq: 29 Jan 2024 19:01

Instrument :

MSVOA_X

ClientSampleId :

WC-SOIL-20240126

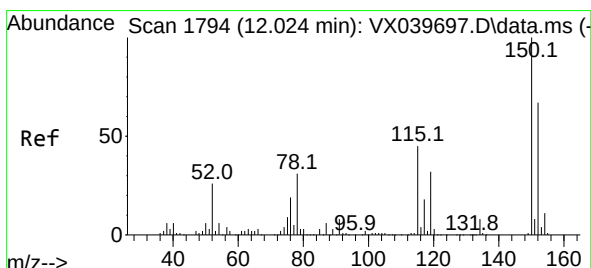
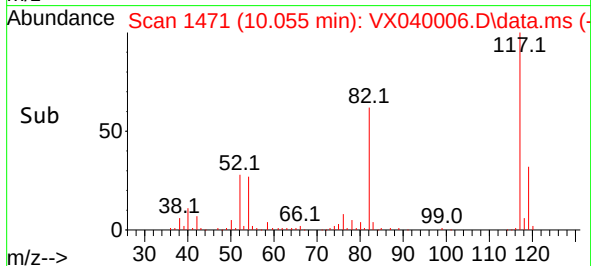
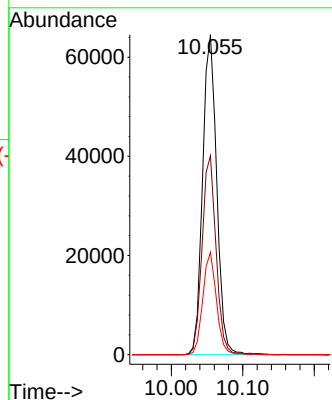
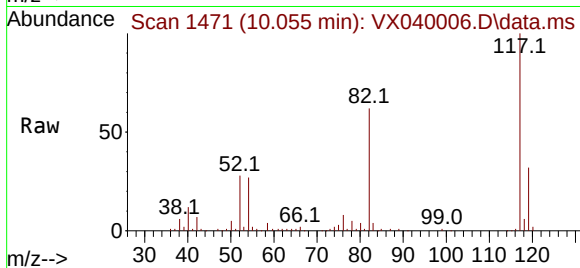
Tgt Ion:117 Resp: 88463

Ion Ratio Lower Upper

117 100

82 62.2 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: VX040006.D

Acq: 29 Jan 2024 19:01

Tgt Ion:152 Resp: 40232

Ion Ratio Lower Upper

152 100

115 66.1 43.3 129.9

150 160.8 0.0 345.0

