

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
 Data File : VX028511.D
 Acq On : 03 May 2022 18:59
 Operator : JC/MD
 Sample : N2620-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-IDW

Quant Time: May 04 06:08:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

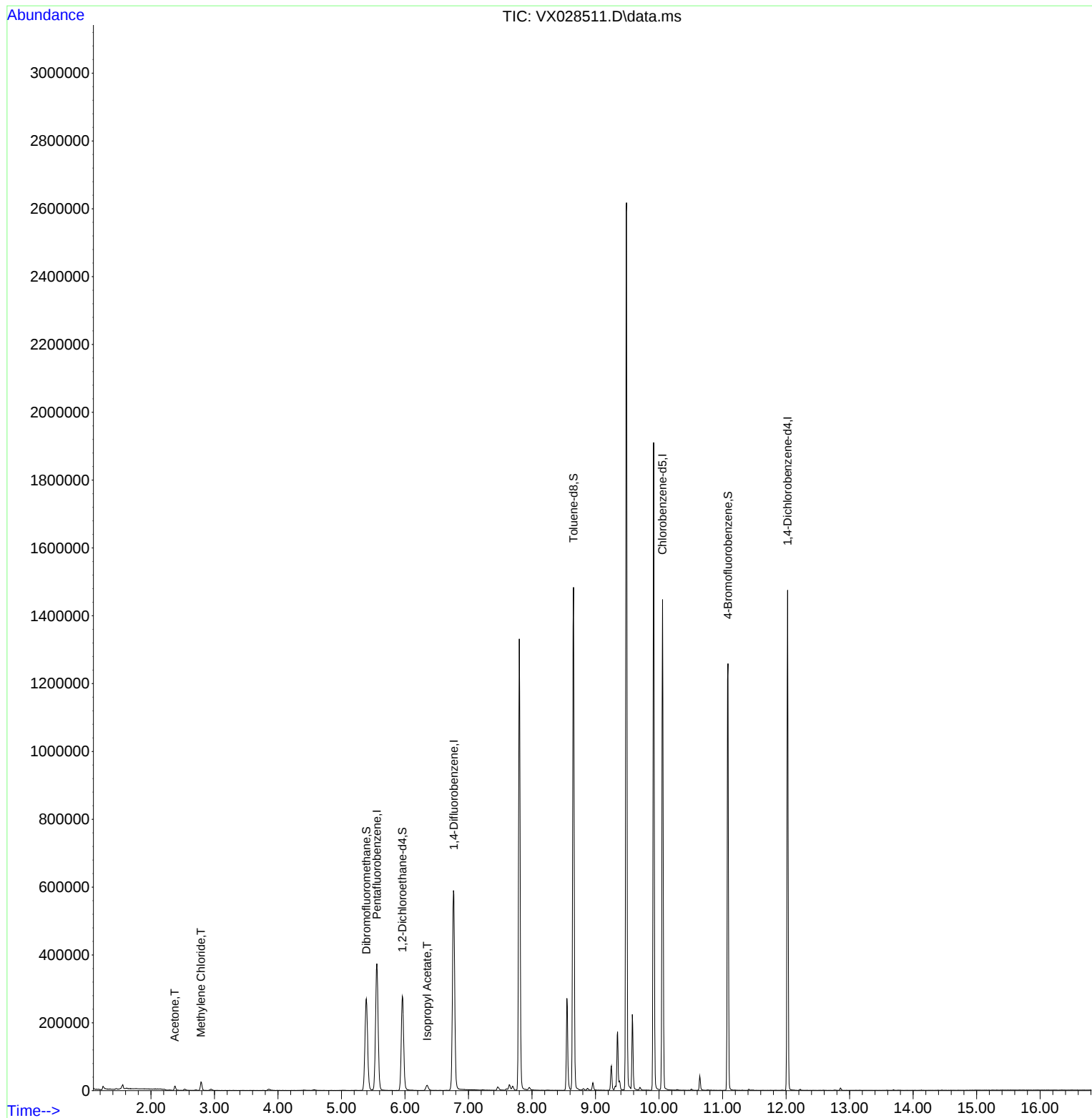
Internal Standards						
1) Pentafluorobenzene	5.556	168	360848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	635239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	657618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	308038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	263966	56.103	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.200%
35) Dibromofluoromethane	5.391	113	236334	53.051	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.100%
50) Toluene-d8	8.653	98	902529	52.748	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.500%
62) 4-Bromofluorobenzene	11.085	95	329047	50.296	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.600%
Target Compounds						Qvalue
16) Acetone	2.373	43	13202	7.835	ug/l	88
20) Methylene Chloride	2.788	84	11443	3.278	ug/l	97
43) Isopropyl Acetate	6.348	43	22018	2.294	ug/l	96

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

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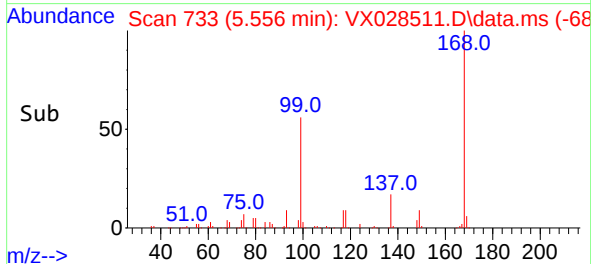
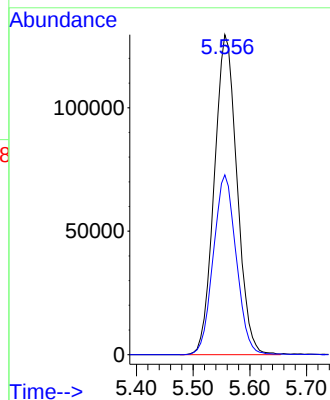
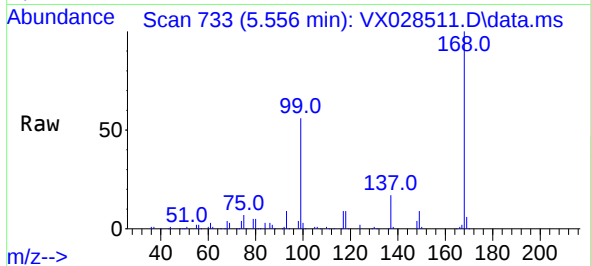




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028511.D
Acq: 03 May 2022 18:59

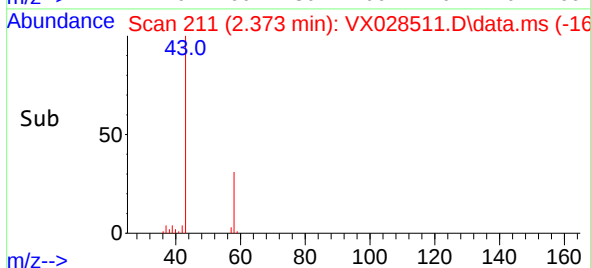
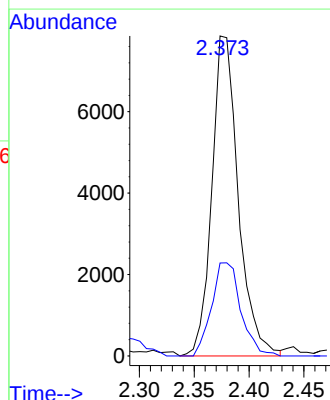
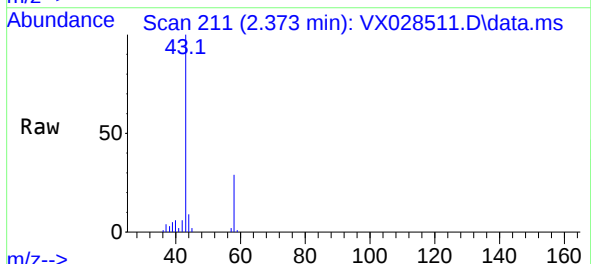
Instrument :
MSVOA_X
ClientSampleId :
SOIL-IDW

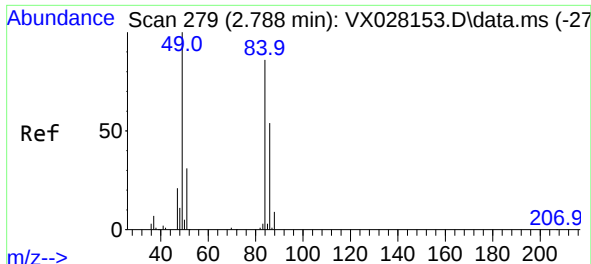
Tgt Ion:168 Resp: 360848
Ion Ratio Lower Upper
168 100
99 56.2 41.7 62.5



#16
Acetone
Concen: 7.835 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028511.D
Acq: 03 May 2022 18:59

Tgt Ion: 43 Resp: 13202
Ion Ratio Lower Upper
43 100
58 29.1 28.8 43.2



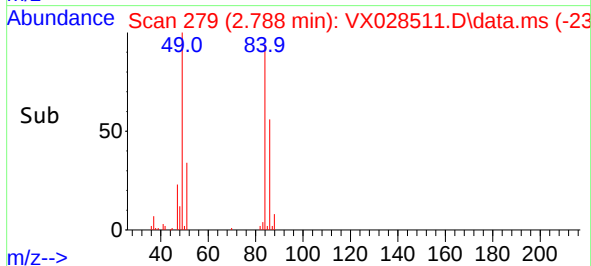
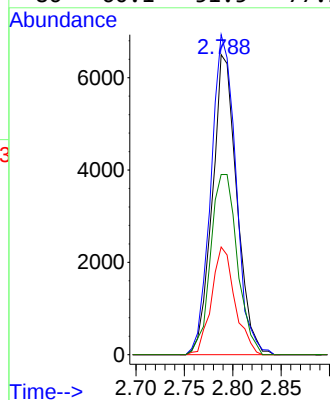
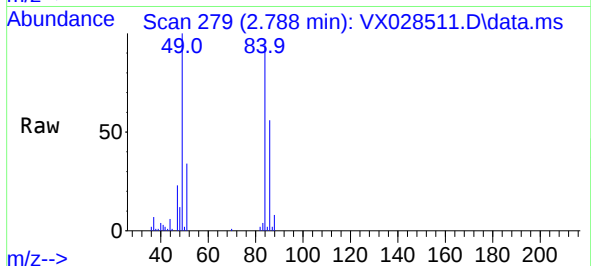


#20
Methylene Chloride
Concen: 3.278 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028511.D
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Instrument :
MSVOA_X
ClientSampleId :
SOIL-IDW

Tgt Ion: 84 Resp: 11443

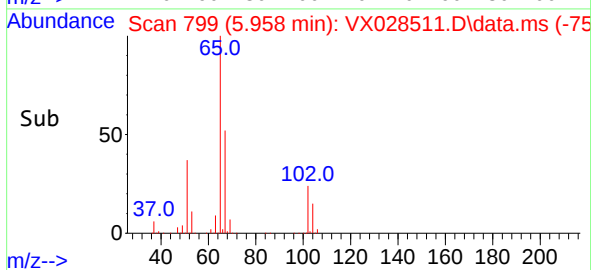
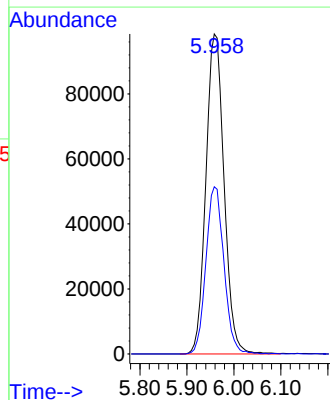
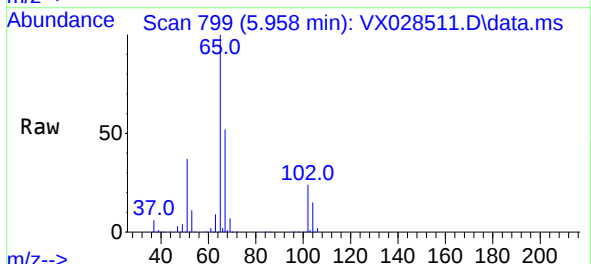
Ion	Ratio	Lower	Upper
84	100		
49	106.7	85.5	128.3
51	35.9	26.6	39.8
86	60.1	51.5	77.3



#33
1,2-Dichloroethane-d4
Concen: 56.103 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028511.D
Acq: 03 May 2022 18:59

Tgt Ion: 65 Resp: 263966

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	107.4

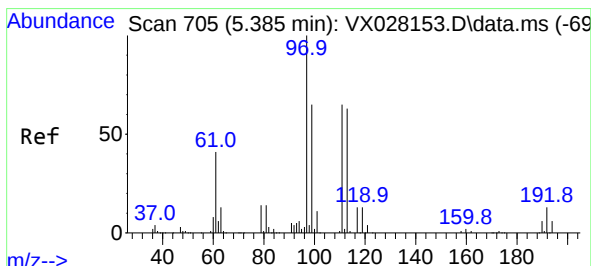
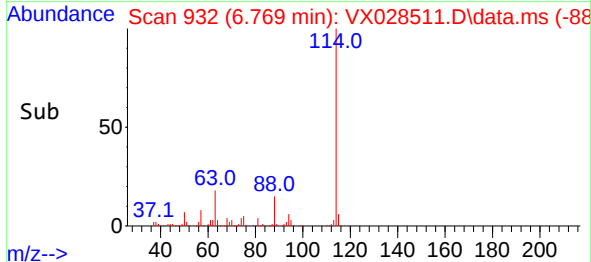
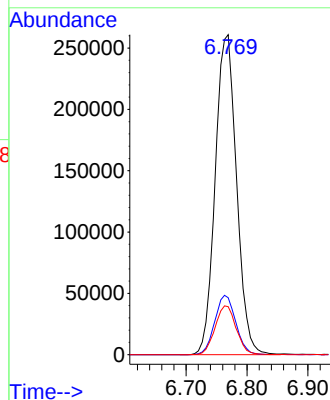
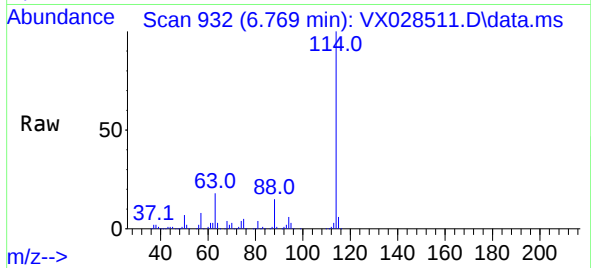




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX028511.D
Acq: 03 May 2022 18:59

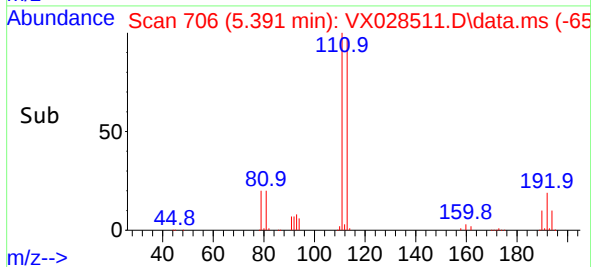
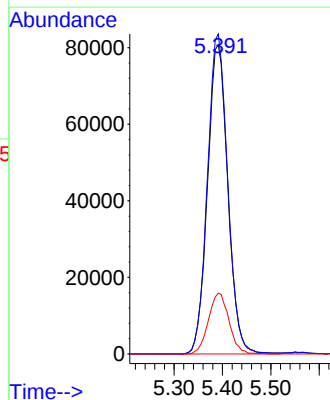
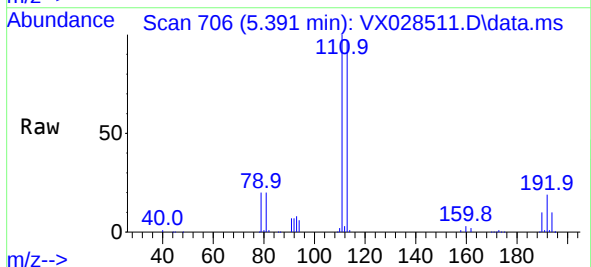
Instrument :
MSVOA_X
ClientSampleId :
SOIL-IDW

Tgt Ion:114 Resp: 635239
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.8
88 15.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 53.051 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028511.D
Acq: 03 May 2022 18:59

Tgt Ion:113 Resp: 236334
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 19.9 16.9 25.3

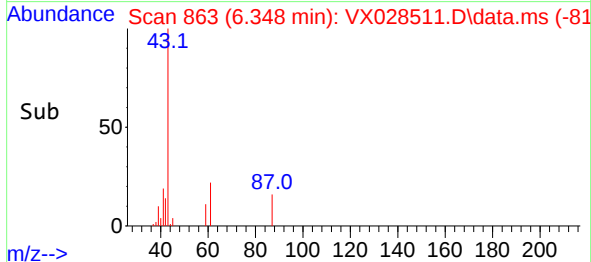
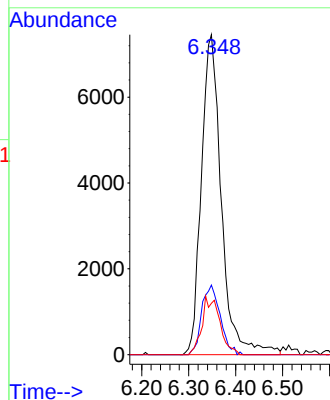
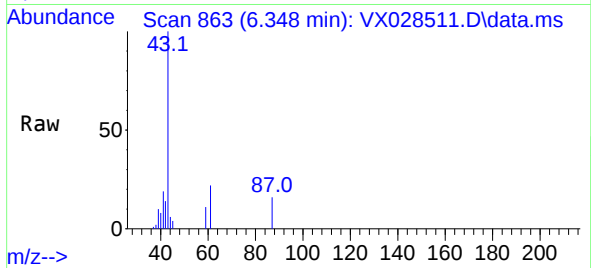




#43
Isopropyl Acetate
Concen: 2.294 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX028511.D
Acq: 03 May 2022 18:59

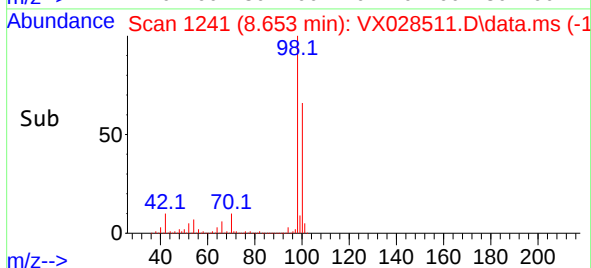
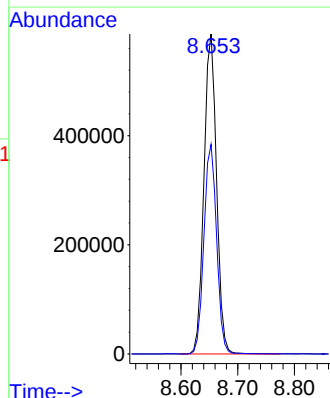
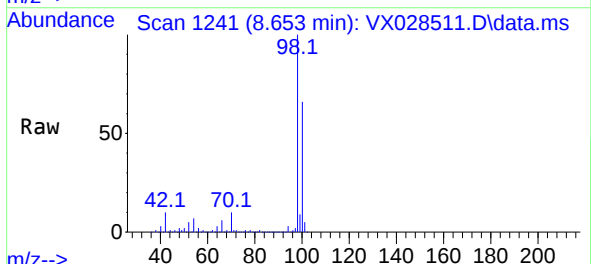
Instrument :
MSVOA_X
ClientSampleId :
SOIL-IDW

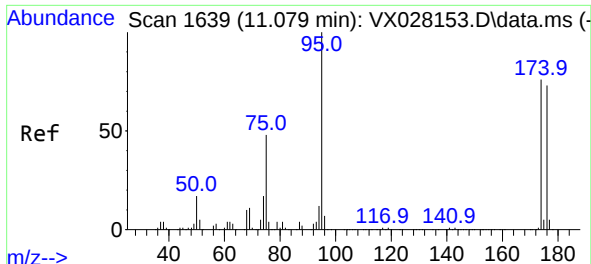
Tgt Ion: 43	Resp: 22018
Ion Ratio	Lower Upper
43 100	
61 20.2	18.5 27.7
87 16.2	13.0 19.6



#50
Toluene-d8
Concen: 52.748 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028511.D
Acq: 03 May 2022 18:59

Tgt Ion: 98	Resp: 902529
Ion Ratio	Lower Upper
98 100	
100 66.1	52.6 78.8

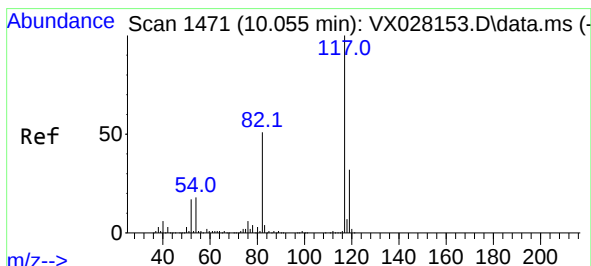
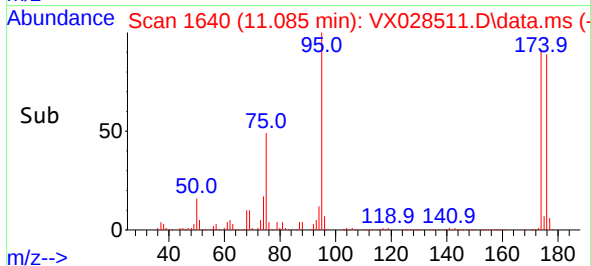
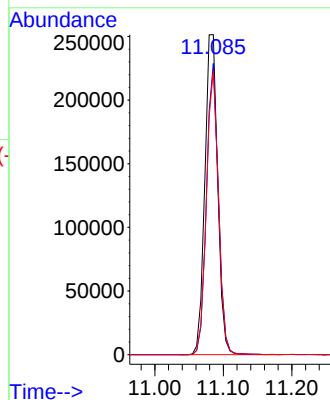
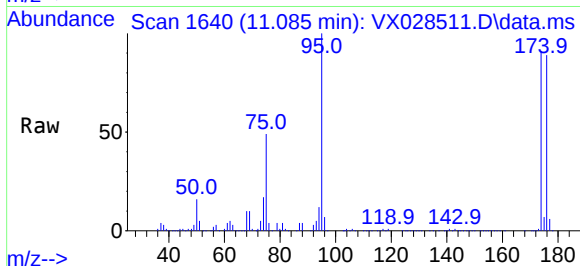




#62
4-Bromofluorobenzene
Concen: 50.296 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028511.D
Acq: 03 May 2022 18:59

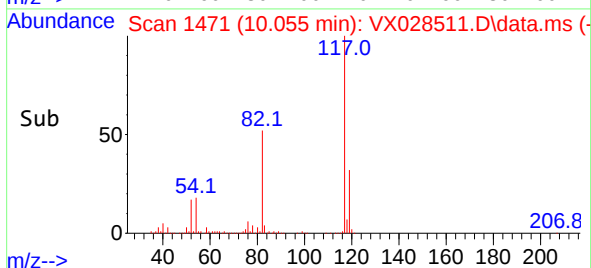
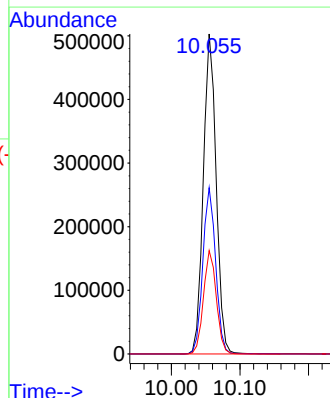
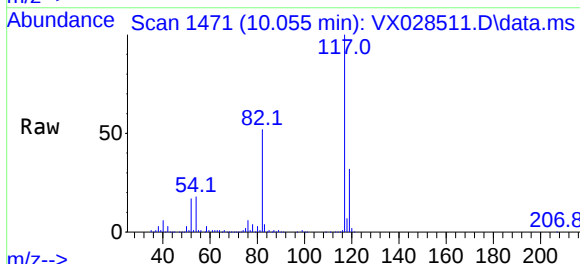
Instrument :
MSVOA_X
ClientSampleId :
SOIL-IDW

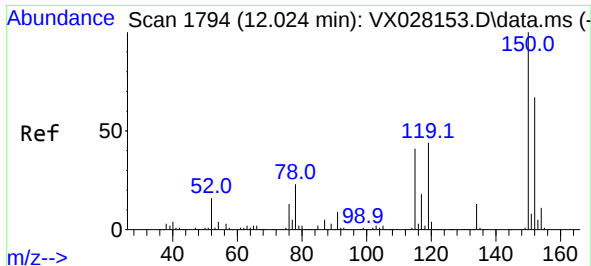
Tgt Ion: 95 Resp: 329047
Ion Ratio Lower Upper
95 100
174 84.5 0.0 163.0
176 83.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028511.D
Acq: 03 May 2022 18:59

Tgt Ion: 117 Resp: 657618
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.8
119 32.3 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028511.D

Acq: 03 May 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

SOIL-IDW

Tgt Ion:152 Resp: 308038

Ion Ratio Lower Upper

152 100

115 57.0 37.5 112.7

150 156.4 0.0 338.2

