

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035797.D
 Acq On : 22 May 2023 20:05
 Operator : JC/MD
 Sample : 02864-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SOIL-BIN

Quant Time: May 23 06:16:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

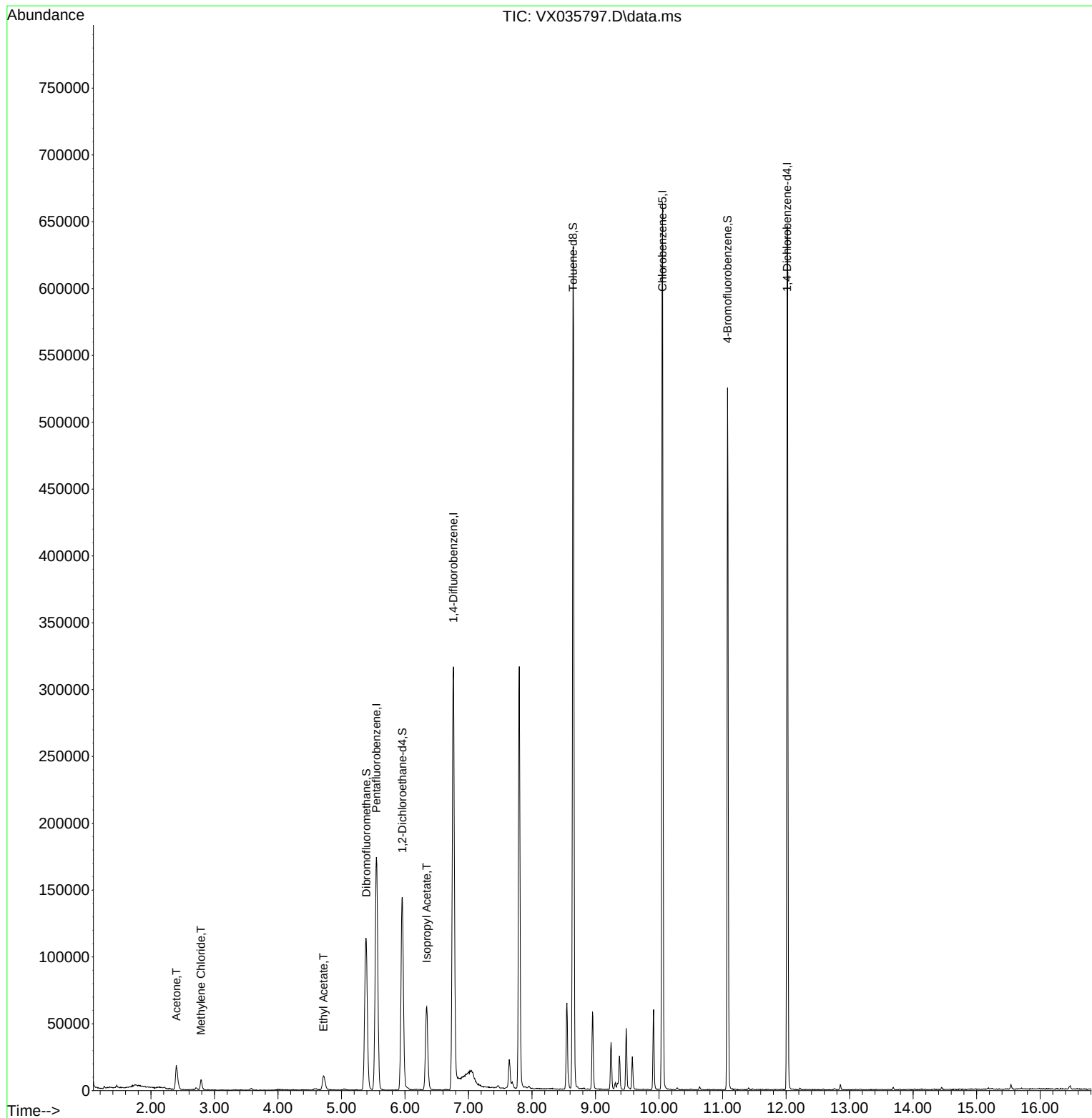
Internal Standards						
1) Pentafluorobenzene	5.550	168	161697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	314680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	288449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	125006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139000	49.276	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.560%
35) Dibromofluoromethane	5.391	113	100313	47.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	8.647	98	363654	46.385	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.760%
62) 4-Bromofluorobenzene	11.079	95	136596	43.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.540%
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	28617	23.604	ug/l	95
20) Methylene Chloride	2.788	84	3669	1.670	ug/l	84
37) Ethyl Acetate	4.715	43	20002	5.725	ug/l	98
43) Isopropyl Acetate	6.342	43	86829	14.251	ug/l	100

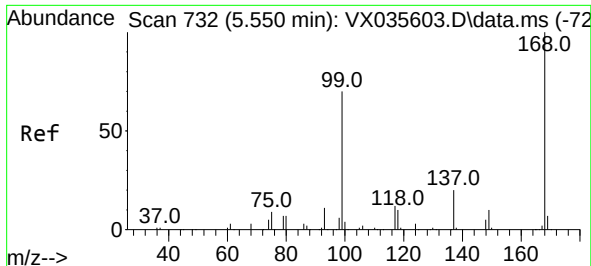
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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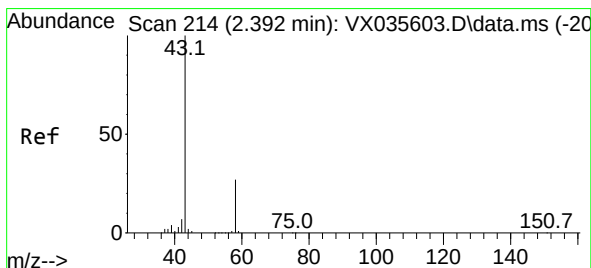
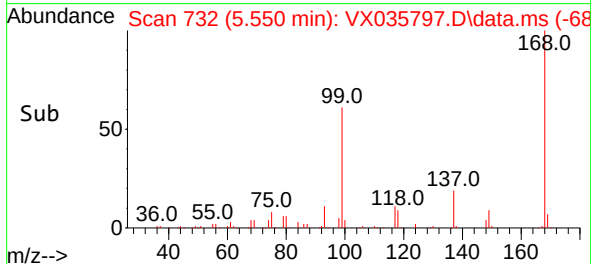
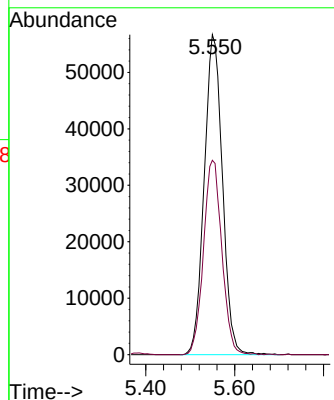
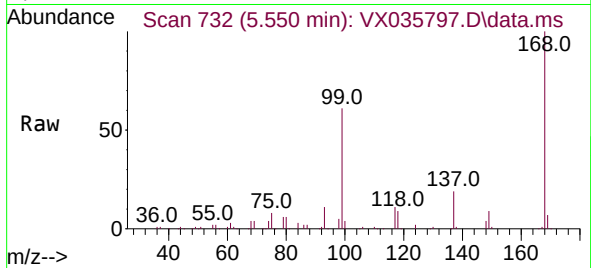




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035797.D
Acq: 22 May 2023 20:05

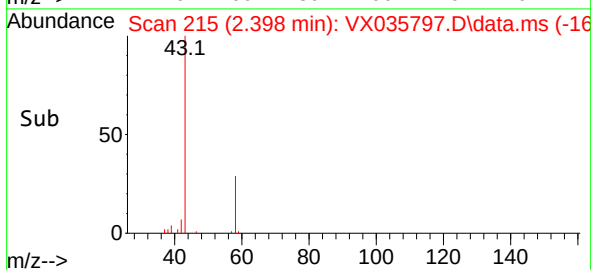
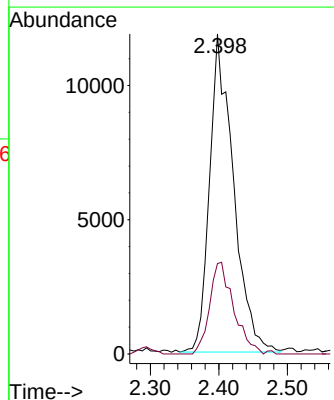
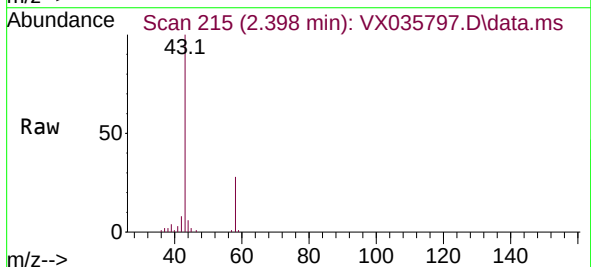
Instrument :
MSVOA_X
ClientSampleId :
SOIL-BIN

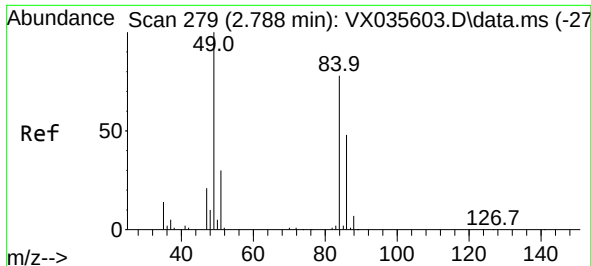
Tgt Ion:168 Resp: 161697
Ion Ratio Lower Upper
168 100
99 60.7 45.7 68.5



#16
Acetone
Concen: 23.604 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035797.D
Acq: 22 May 2023 20:05

Tgt Ion: 43 Resp: 28617
Ion Ratio Lower Upper
43 100
58 28.4 24.7 37.1

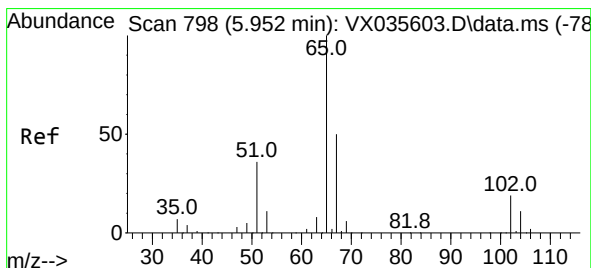
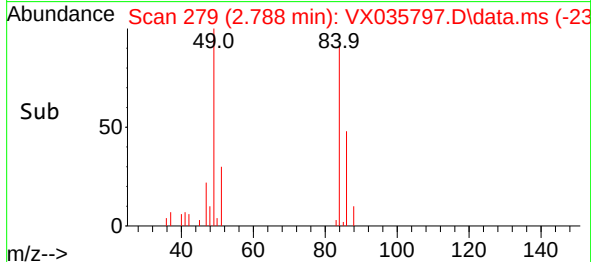
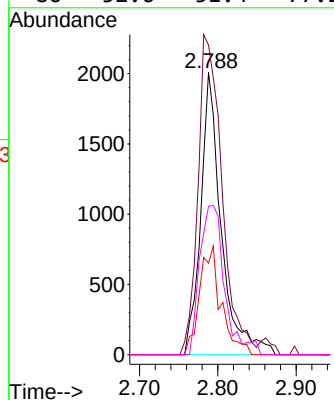
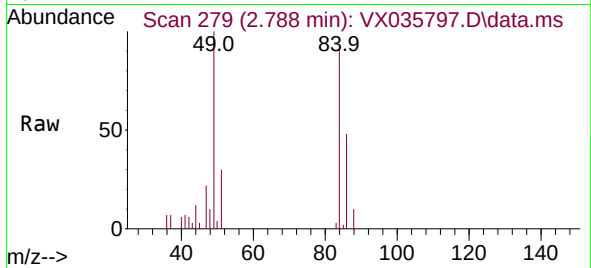




#20
Methylene Chloride
Concen: 1.670 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035797.D
Acq: 22 May 2023 20:05

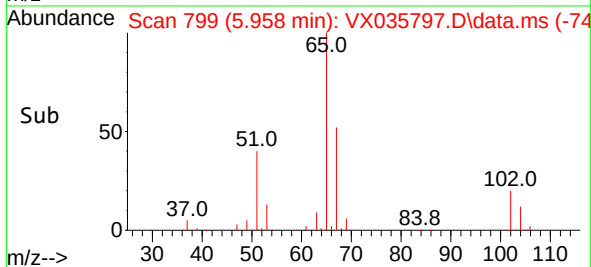
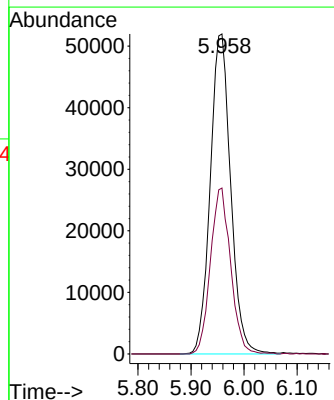
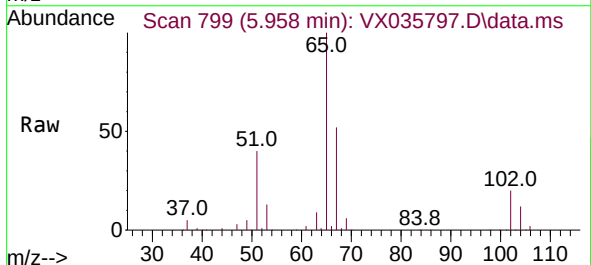
Instrument :
MSVOA_X
ClientSampleId :
SOIL-BIN

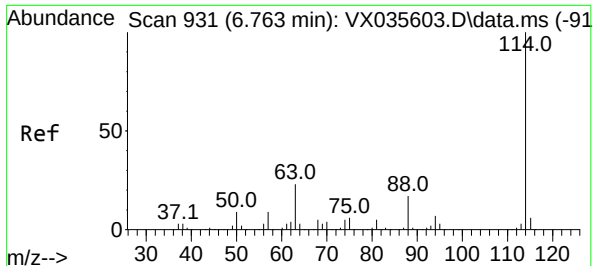
Tgt Ion:	84	Resp:	3669
Ion	Ratio	Lower	Upper
84	100		
49	109.7	103.8	155.8
51	32.4	31.8	47.8
86	52.6	51.4	77.2



#33
1,2-Dichloroethane-d4
Concen: 49.276 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035797.D
Acq: 22 May 2023 20:05

Tgt Ion:	65	Resp:	139000
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	104.0

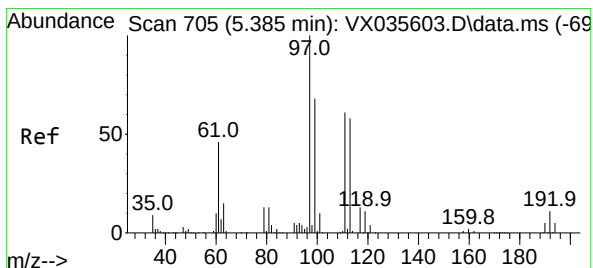
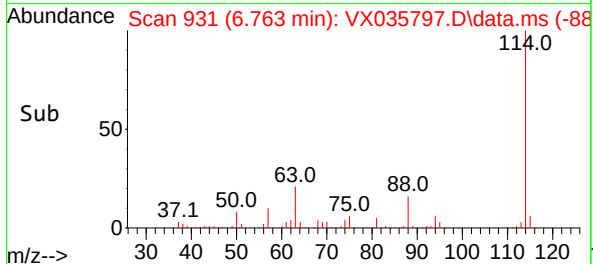
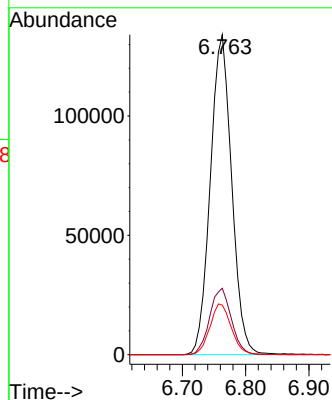
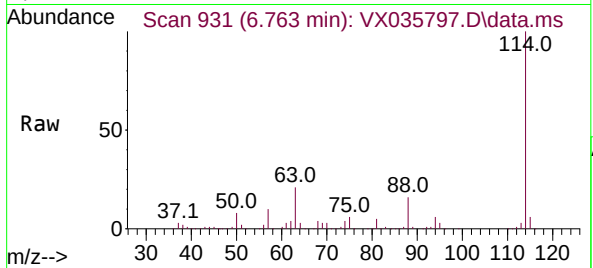




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035797.D
Acq: 22 May 2023 20:05

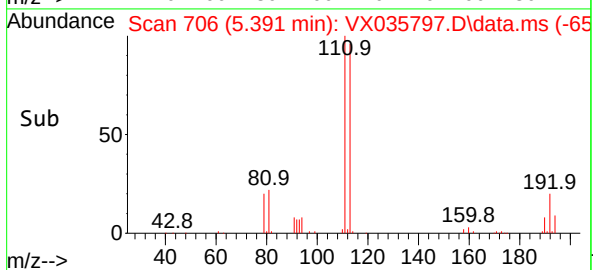
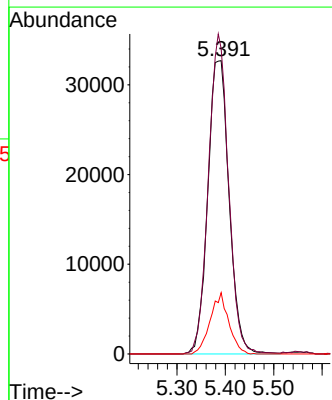
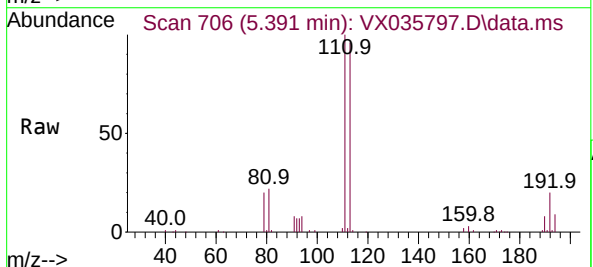
Instrument :
MSVOA_X
ClientSampleId :
SOIL-BIN

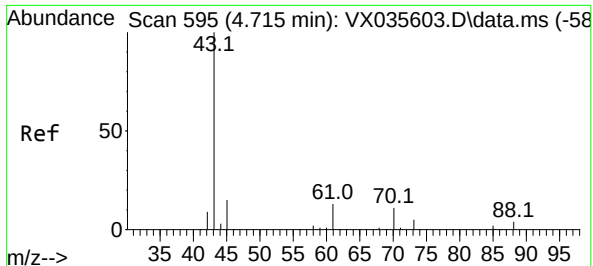
Tgt Ion:114 Resp: 314680
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.2
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.269 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035797.D
Acq: 22 May 2023 20:05

Tgt Ion:113 Resp: 100313
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 18.1 15.4 23.2





#37

Ethyl Acetate

Concen: 5.725 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX035797.D

Acq: 22 May 2023 20:05

Instrument :

MSVOA_X

ClientSampleId :

SOIL-BIN

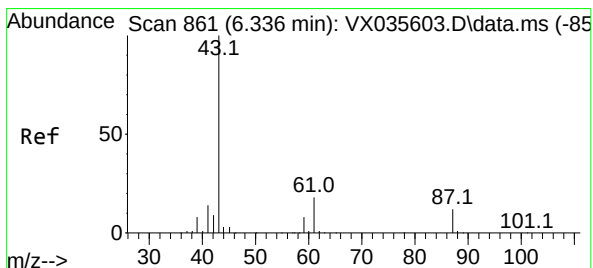
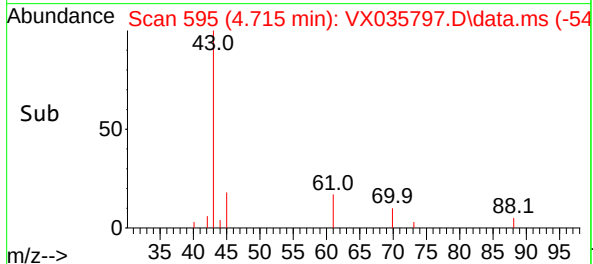
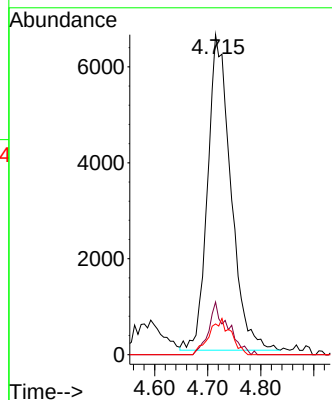
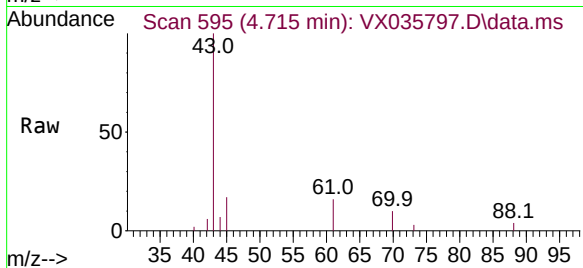
Tgt Ion: 43 Resp: 20002

Ion Ratio Lower Upper

43 100

61 13.8 10.2 15.4

70 10.7 8.2 12.4



#43

Isopropyl Acetate

Concen: 14.251 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX035797.D

Acq: 22 May 2023 20:05

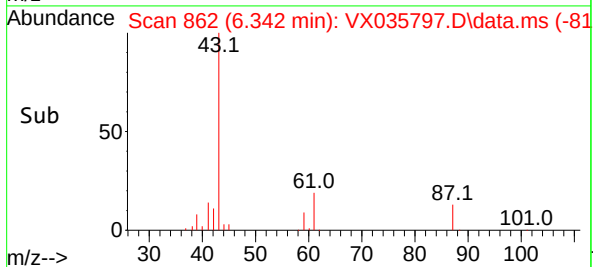
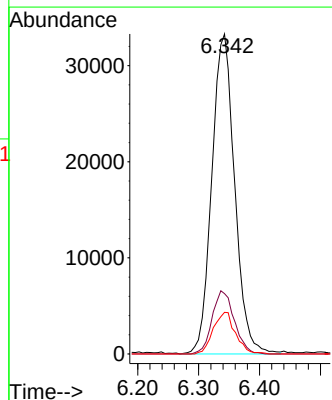
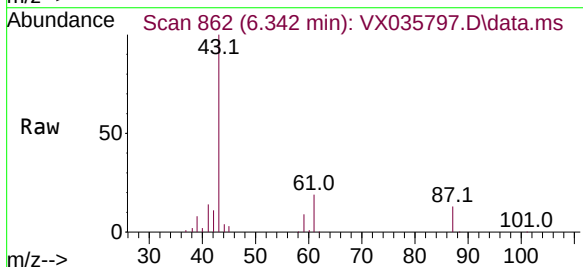
Tgt Ion: 43 Resp: 86829

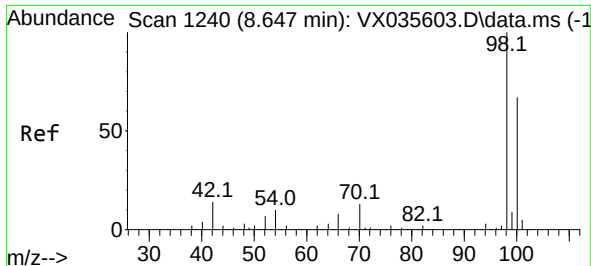
Ion Ratio Lower Upper

43 100

61 19.1 15.2 22.8

87 12.6 9.8 14.8

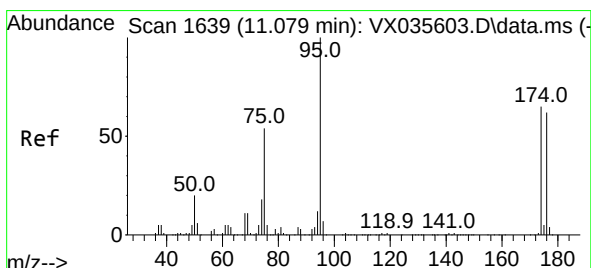
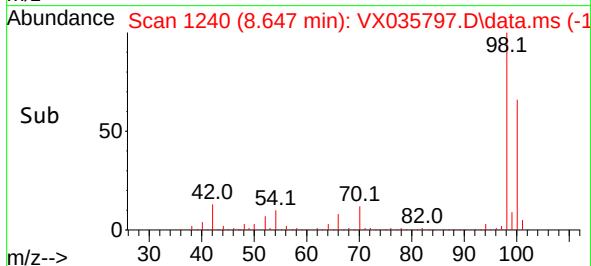
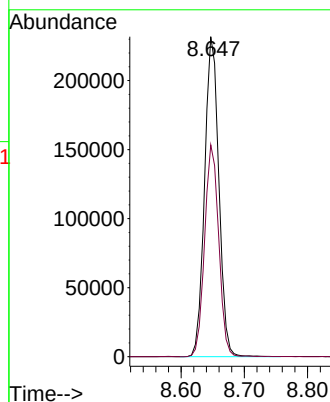
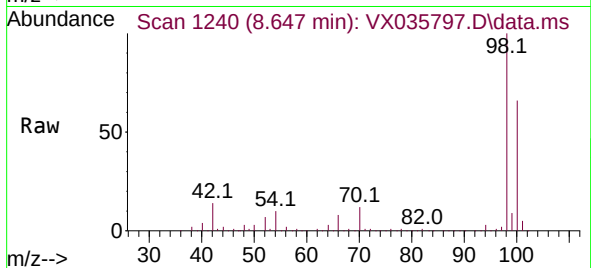




#50
Toluene-d8
Concen: 46.385 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035797.D
Acq: 22 May 2023 20:05

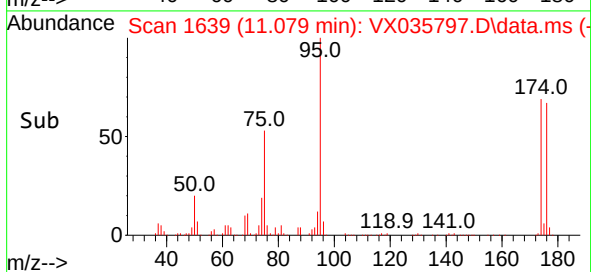
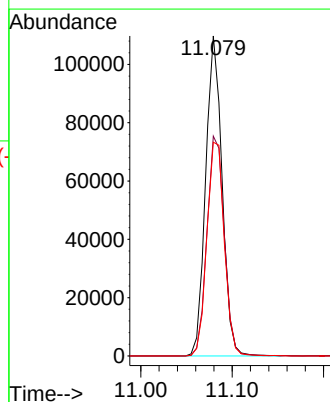
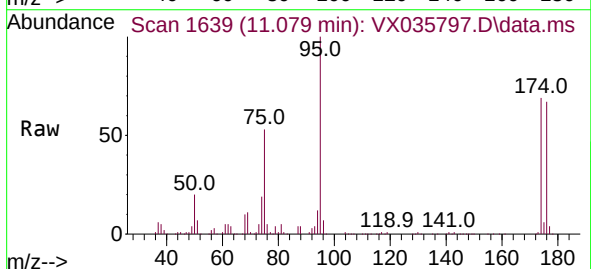
Instrument :
MSVOA_X
ClientSampleId :
SOIL-BIN

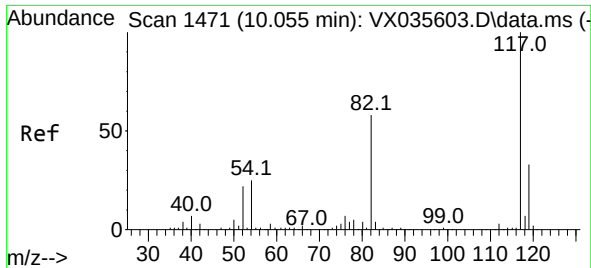
Tgt Ion: 98 Resp: 363654
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 43.272 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035797.D
Acq: 22 May 2023 20:05

Tgt Ion: 95 Resp: 136596
Ion Ratio Lower Upper
95 100
174 72.6 0.0 147.4
176 70.9 0.0 140.6

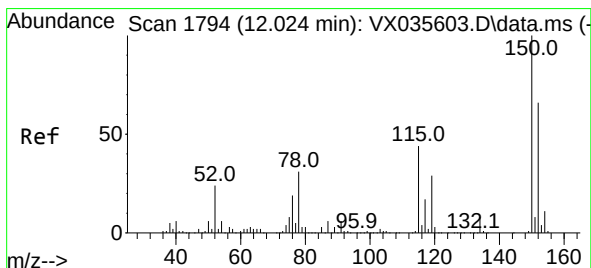
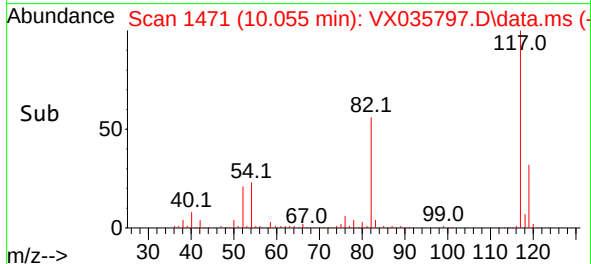
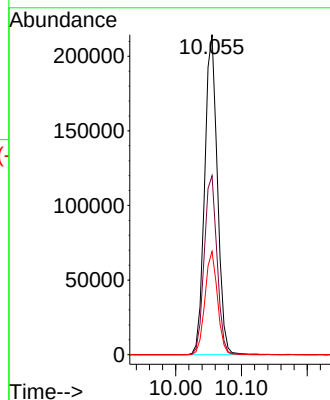
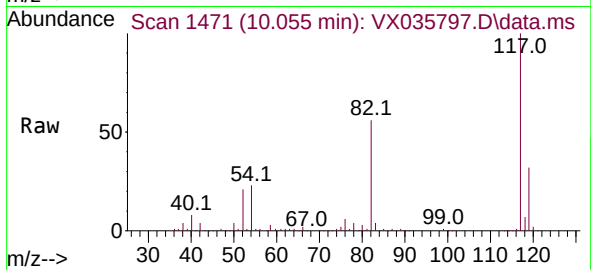




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035797.D
Acq: 22 May 2023 20:05

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 288449
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX035797.D
Acq: 22 May 2023 20:05

Tgt Ion:152 Resp: 125006
Ion Ratio Lower Upper
152 100
115 62.2 45.0 135.0
150 159.9 0.0 352.4

