

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045698.D
 Acq On : 10 Nov 2021 19:13
 Operator : SY/MD
 Sample : M4603-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ISCO-SOIL-IDW-11082021

Quant Time: Nov 11 02:32:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

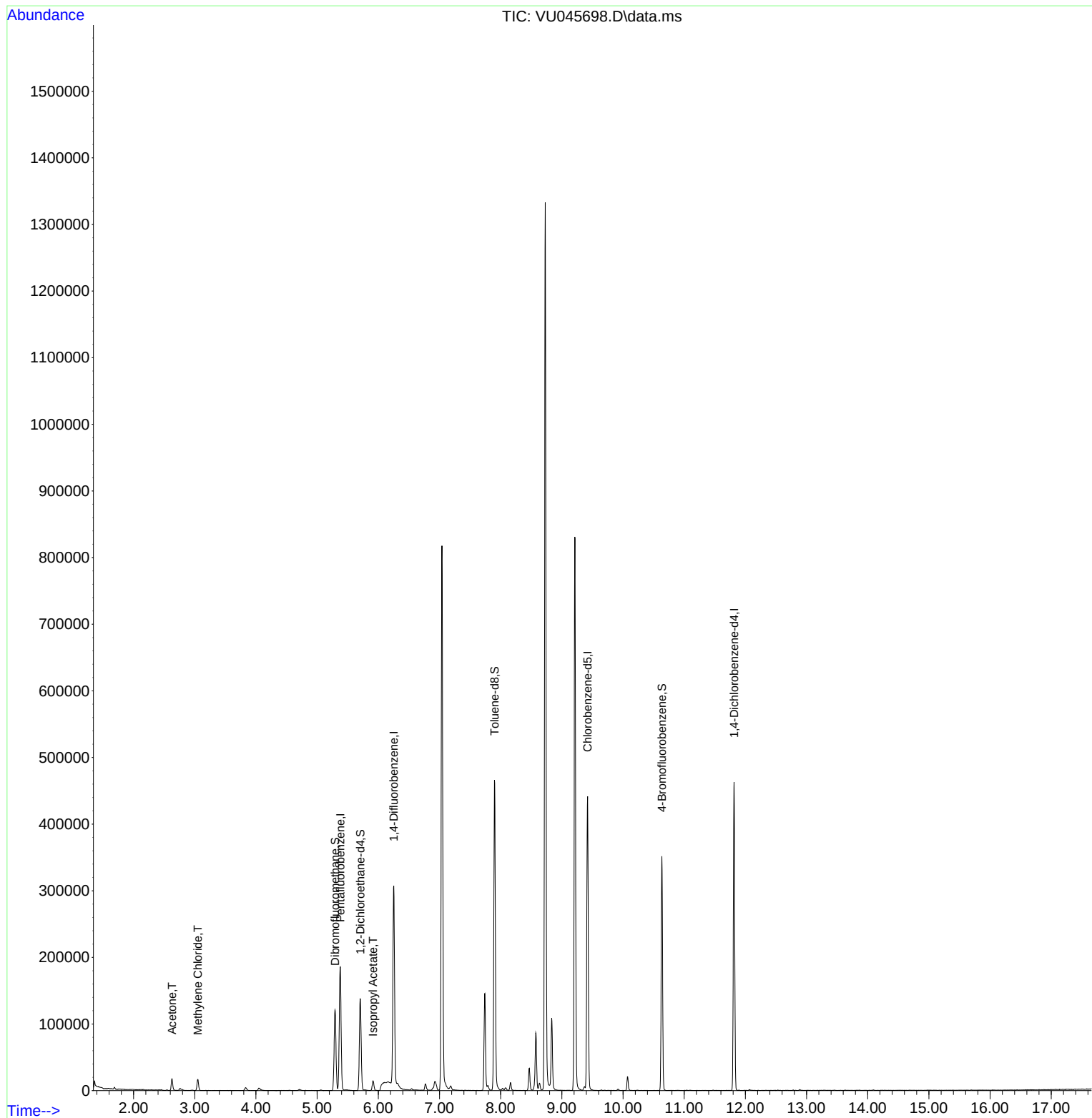
Internal Standards						
1) Pentafluorobenzene	5.379	168	121457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	233603	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	240122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	114296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	102338	56.262	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.520%			
35) Dibromofluoromethane	5.292	113	77650	49.787	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.580%			
50) Toluene-d8	7.899	98	308679	53.225	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.440%			
62) 4-Bromofluorobenzene	10.636	95	116361	50.035	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.080%			
Target Compounds						
16) Acetone	2.629	43	20163	21.776	ug/l	99
20) Methylene Chloride	3.047	84	8030	4.991	ug/l	96
43) Isopropyl Acetate	5.915	43	15888	3.970	ug/l	97

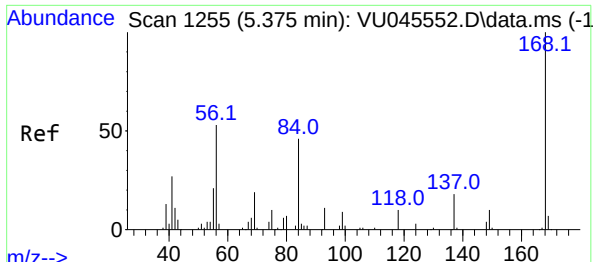
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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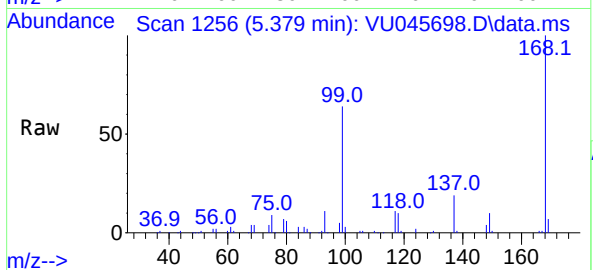
Quant Time: Nov 11 02:32:12 2021
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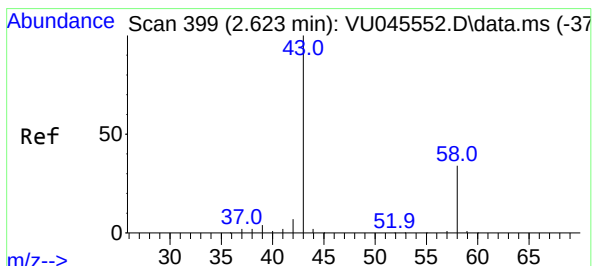
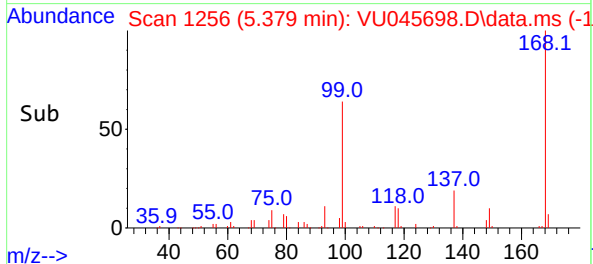
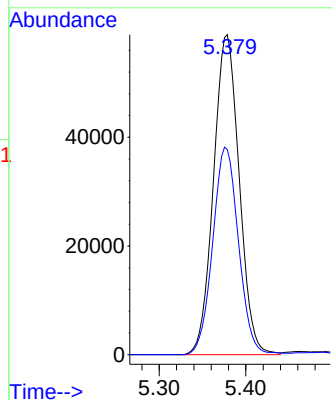


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045698.D
Acq: 10 Nov 2021 19:13

Instrument :
MSVOA_U
ClientSampleId :
ISCO-SOIL-IDW-11082021

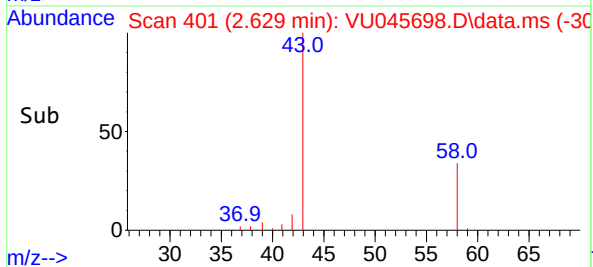
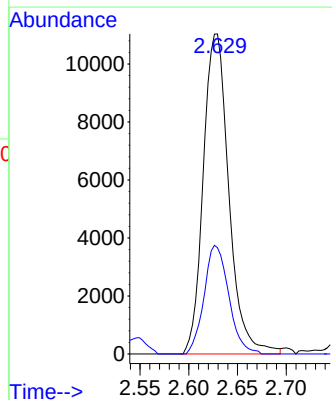
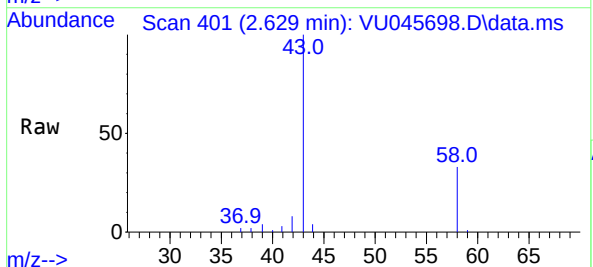


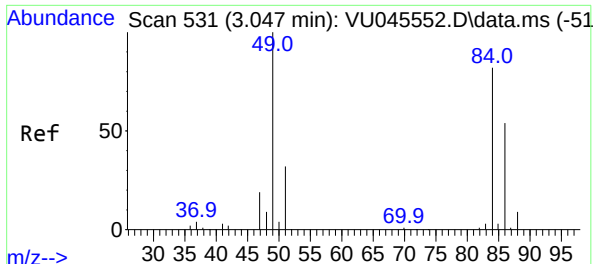
Tgt Ion:168 Resp: 121457
Ion Ratio Lower Upper
168 100
99 64.1 51.0 76.6



#16
Acetone
Concen: 21.776 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.006 min
Lab File: VU045698.D
Acq: 10 Nov 2021 19:13

Tgt Ion: 43 Resp: 20163
Ion Ratio Lower Upper
43 100
58 33.2 26.2 39.2



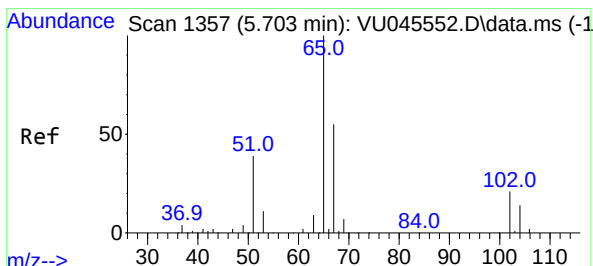
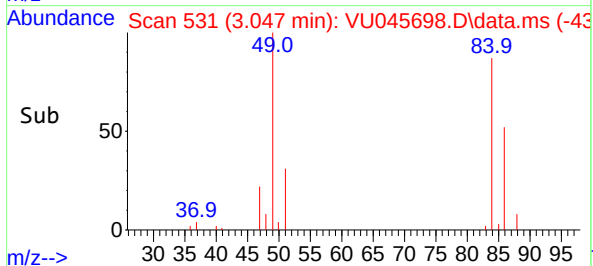
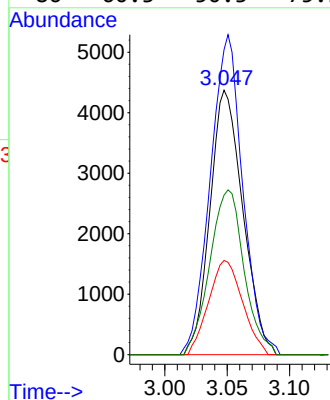
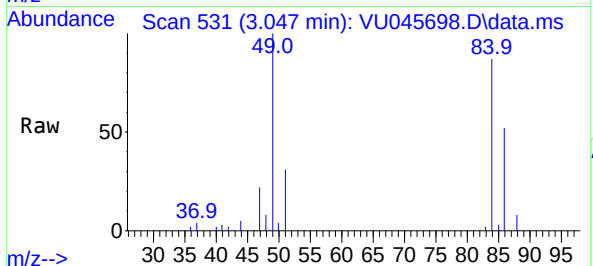


#20
Methylene Chloride
Concen: 4.991 ug/l
RT: 3.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU045698.D
Acq: 10 Nov 2021 19:13

Instrument :
MSVOA_U
ClientSampleId :
ISCO-SOIL-IDW-11082021

Tgt Ion: 84 Resp: 8030

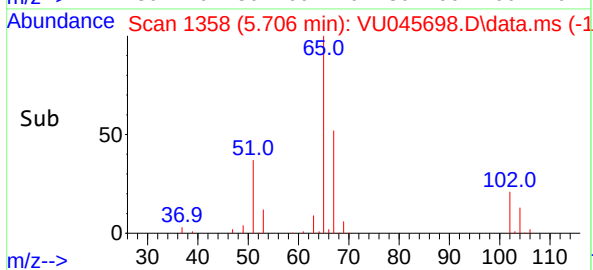
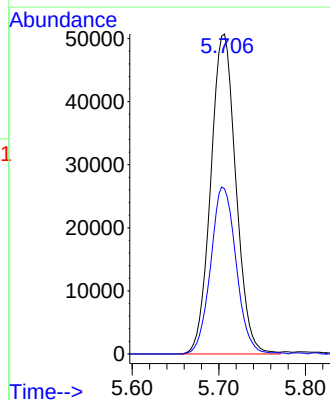
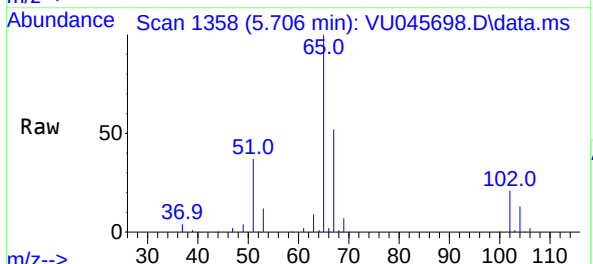
Ion	Ratio	Lower	Upper
84	100		
49	115.3	96.4	144.6
51	35.7	30.5	45.7
86	60.3	50.3	75.5

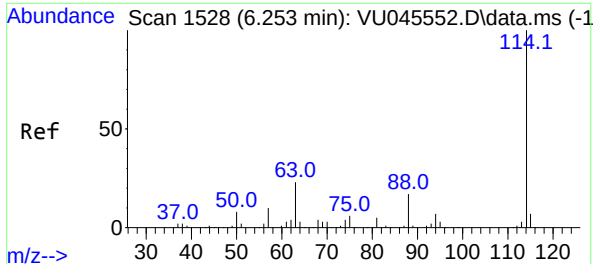


#33
1,2-Dichloroethane-d4
Concen: 56.262 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.003 min
Lab File: VU045698.D
Acq: 10 Nov 2021 19:13

Tgt Ion: 65 Resp: 102338

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045698.D

Acq: 10 Nov 2021 19:13

Instrument :

MSVOA_U

ClientSampleId :

ISCO-SOIL-IDW-11082021

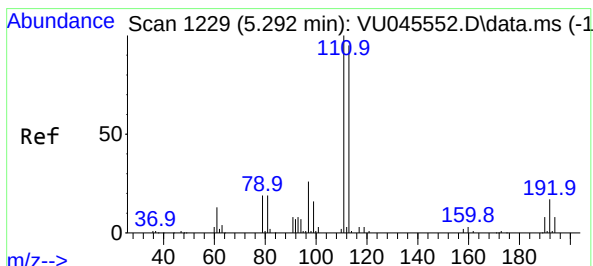
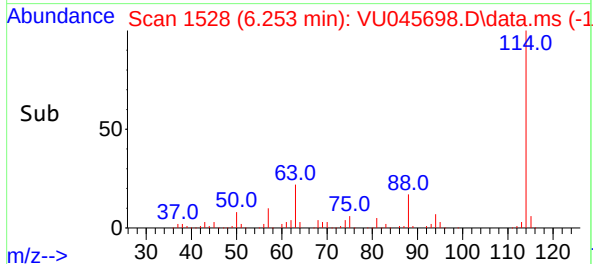
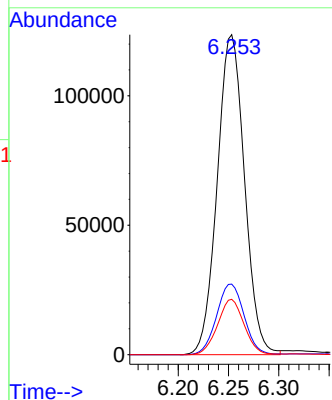
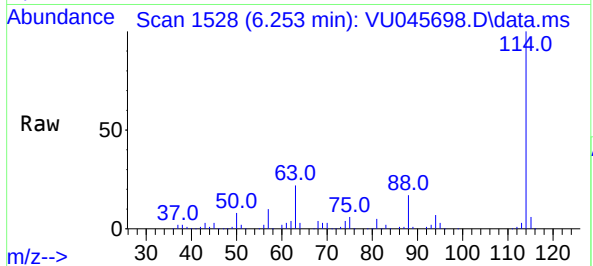
Tgt Ion:114 Resp: 233603

Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 17.3 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.787 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045698.D

Acq: 10 Nov 2021 19:13

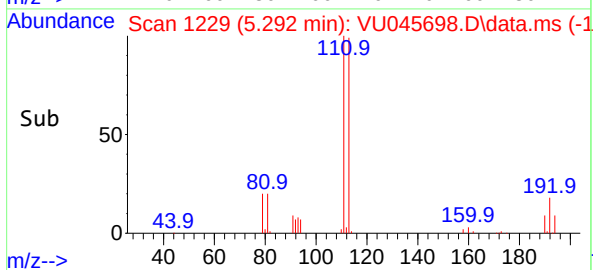
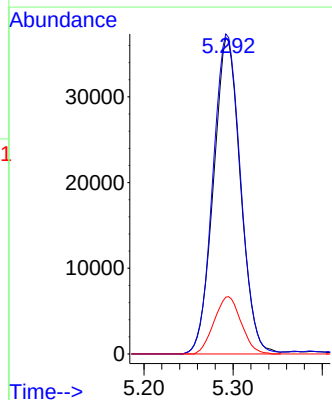
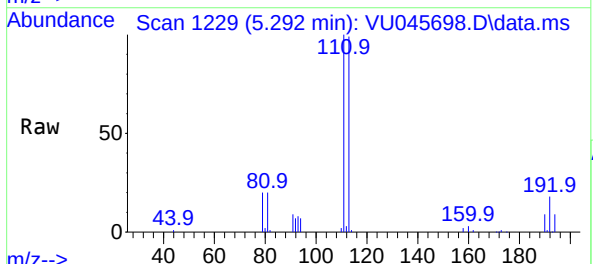
Tgt Ion:113 Resp: 77650

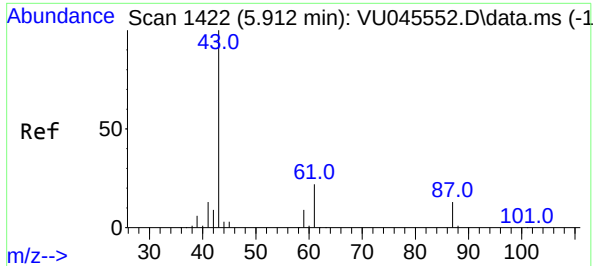
Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

192 18.1 14.8 22.2





#43

Isopropyl Acetate

Concen: 3.970 ug/l

RT: 5.915 min Scan# 1422

Delta R.T. 0.003 min

Lab File: VU045698.D

Acq: 10 Nov 2021 19:13

Instrument :

MSVOA_U

ClientSampleId :

ISCO-SOIL-IDW-11082021

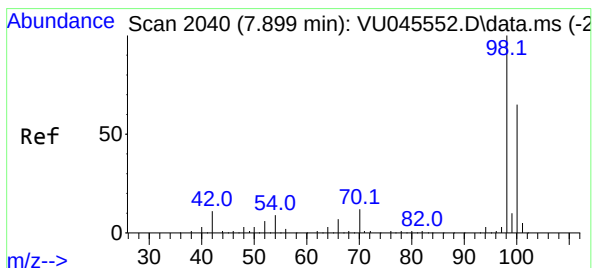
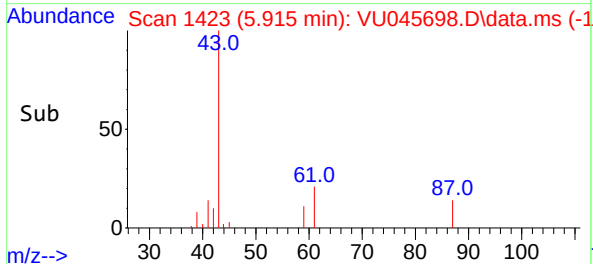
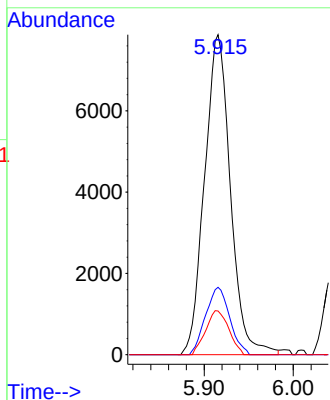
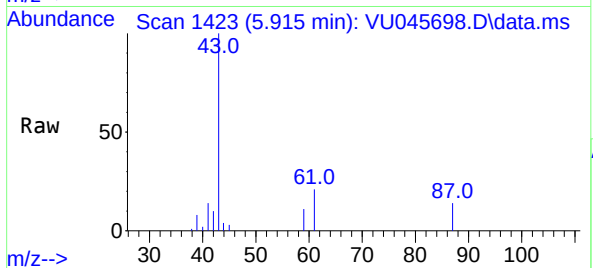
Tgt Ion: 43 Resp: 15888

Ion Ratio Lower Upper

43 100

61 19.6 16.9 25.3

87 12.3 11.0 16.4



#50

Toluene-d8

Concen: 53.225 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045698.D

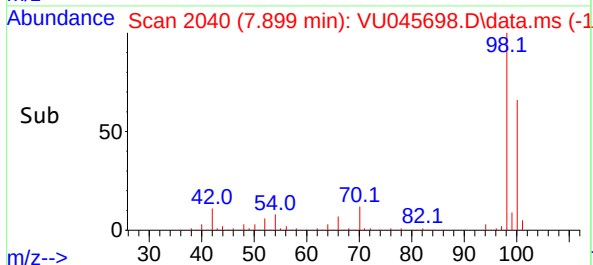
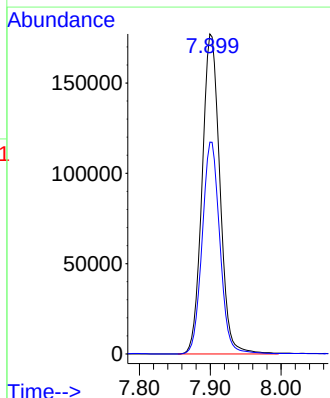
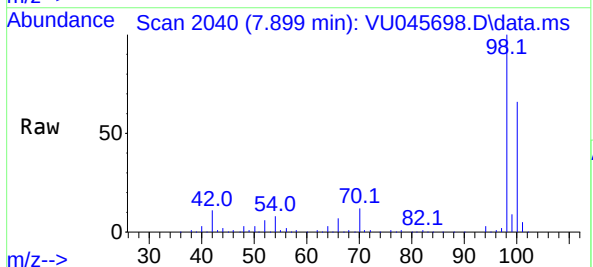
Acq: 10 Nov 2021 19:13

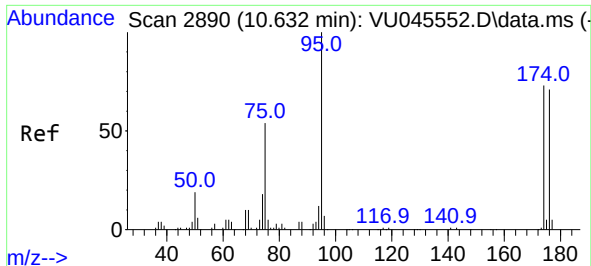
Tgt Ion: 98 Resp: 308679

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

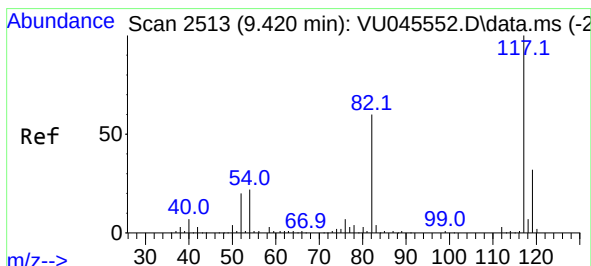
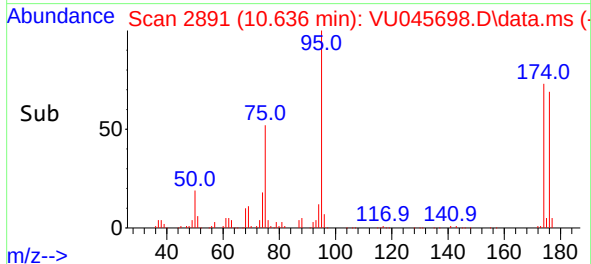
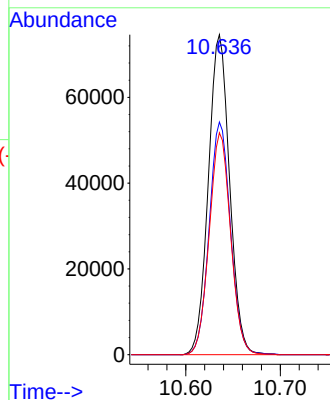
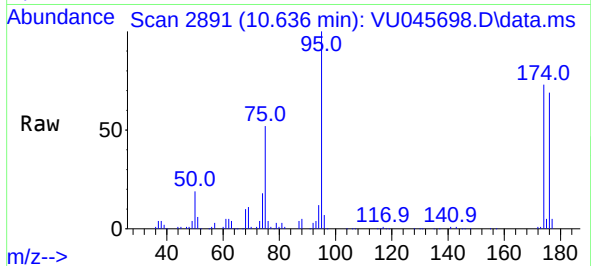




#62
4-Bromofluorobenzene
Concen: 50.035 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045698.D
Acq: 10 Nov 2021 19:13

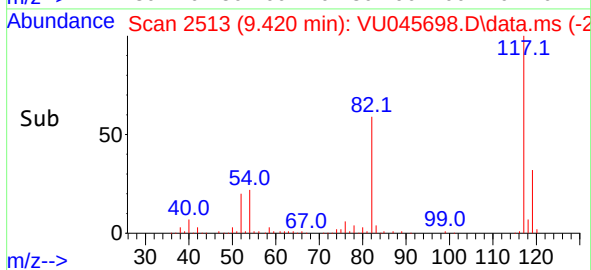
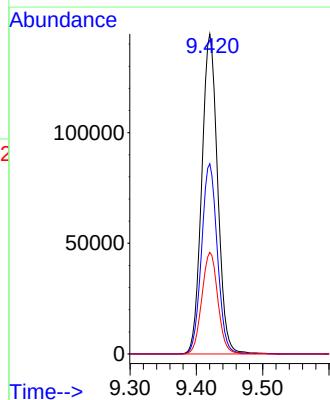
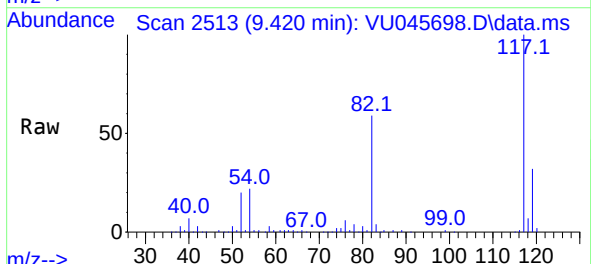
Instrument :
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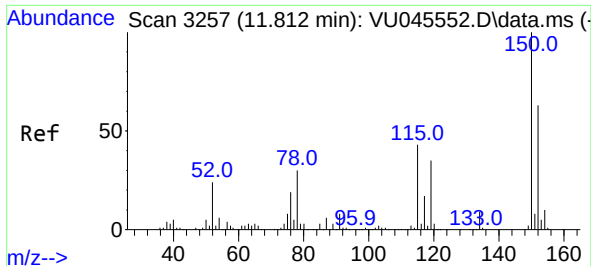
Tgt Ion: 95 Resp: 116361
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.8
176 69.8 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045698.D
Acq: 10 Nov 2021 19:13

Tgt Ion: 117 Resp: 240122
Ion Ratio Lower Upper
117 100
82 59.5 47.8 71.8
119 31.8 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU045698.D

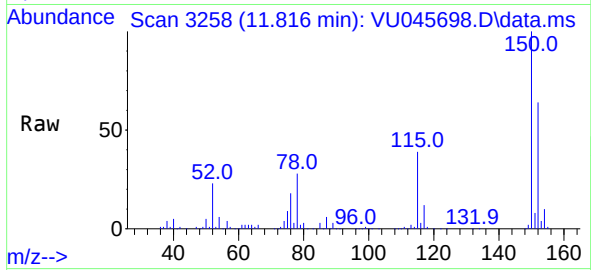
Acq: 10 Nov 2021 19:13

Instrument :

MSVOA_U

ClientSampleId :

ISCO-SOIL-IDW-11082021



Tgt Ion:152 Resp: 114296

Ion Ratio Lower Upper

152 100

115 62.2 42.7 128.1

150 156.5 0.0 346.8

