

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102221\
 Data File : VU045363.D
 Acq On : 22 Oct 2021 14:37
 Operator : SY/MD
 Sample : M4306-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-PIT-SOIL

Quant Time: Oct 23 01:12:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

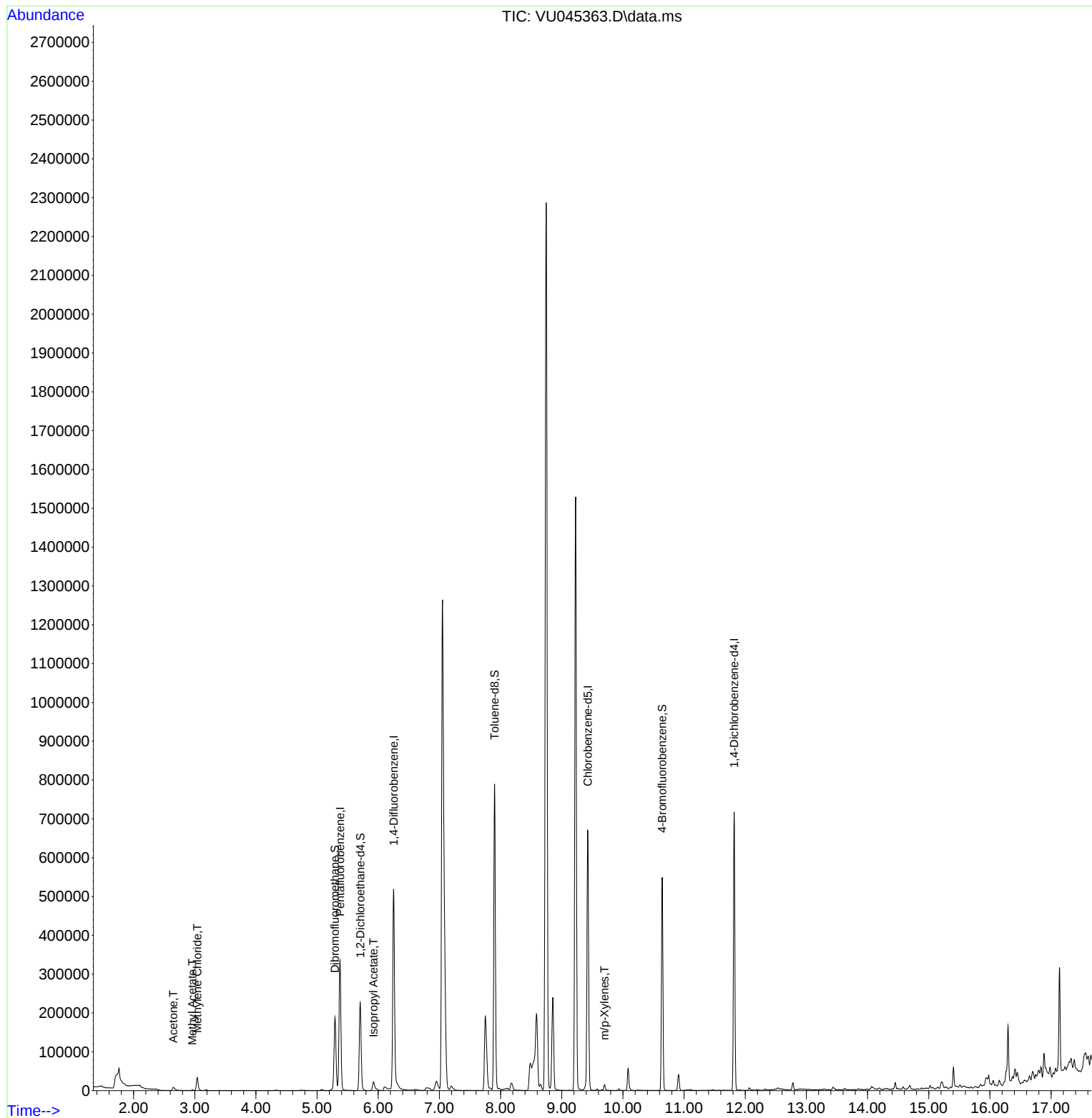
Internal Standards						
1) Pentafluorobenzene	5.375	168	228349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	422720	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.426	117	400592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	177037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	176921	46.544	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.080%
35) Dibromofluoromethane	5.292	113	129030	48.386	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	7.902	98	531073	50.404	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.800%
62) 4-Bromofluorobenzene	10.642	95	195082	44.846	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.700%
Target Compounds						
					Qvalue	
16) Acetone	2.649	43	13805	6.118	ug/l	93
18) Methyl Acetate	2.960	43	2887	0.438	ug/l #	84
20) Methylene Chloride	3.041	84	16664	4.903	ug/l	96
43) Isopropyl Acetate	5.922	43	32957	3.745	ug/l	99
68) m/p-Xylenes	9.700	106	4520	0.753	ug/l	98

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

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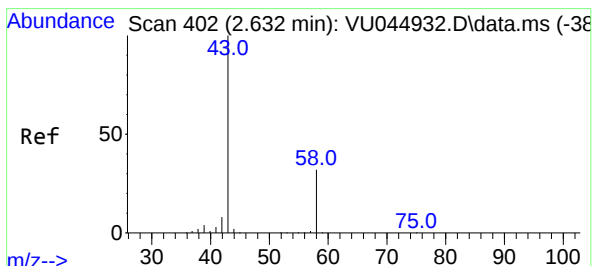
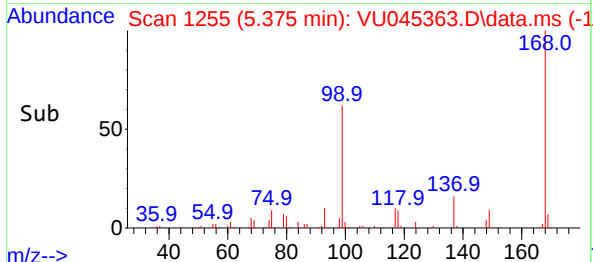
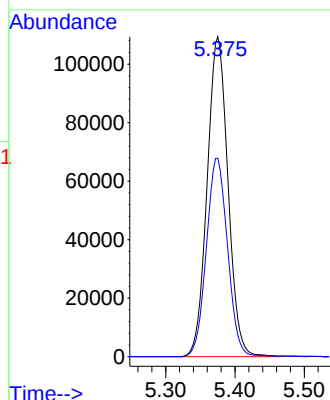
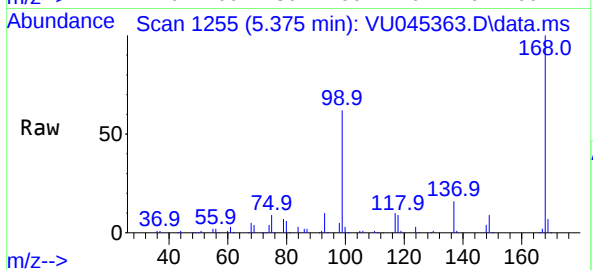




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045363.D
Acq: 22 Oct 2021 14:37

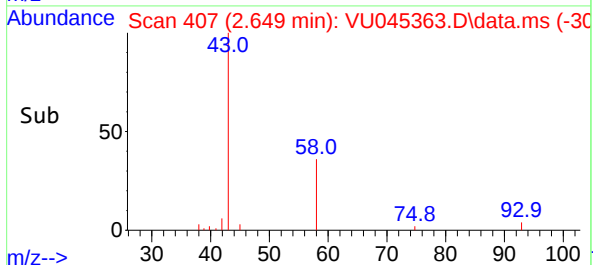
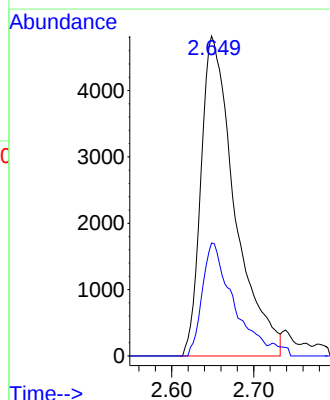
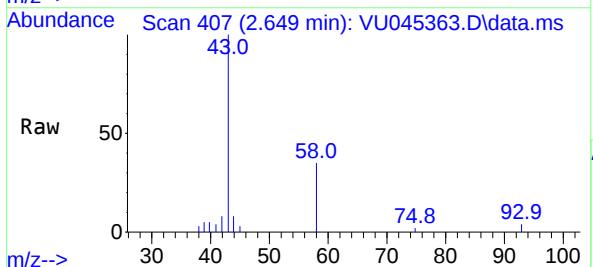
Instrument :
MSVOA_U
ClientSampleId :
MH-PIT-SOIL

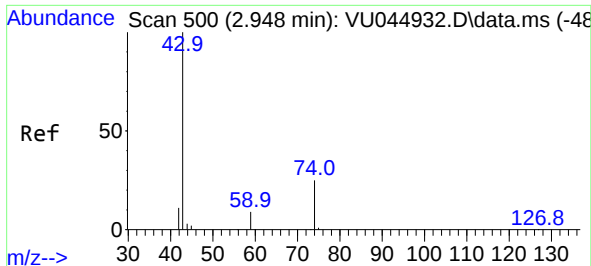
Tgt Ion:168 Resp: 228349
Ion Ratio Lower Upper
168 100
99 62.0 51.4 77.0



#16
Acetone
Concen: 6.118 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.017 min
Lab File: VU045363.D
Acq: 22 Oct 2021 14:37

Tgt Ion: 43 Resp: 13805
Ion Ratio Lower Upper
43 100
58 35.3 25.2 37.8

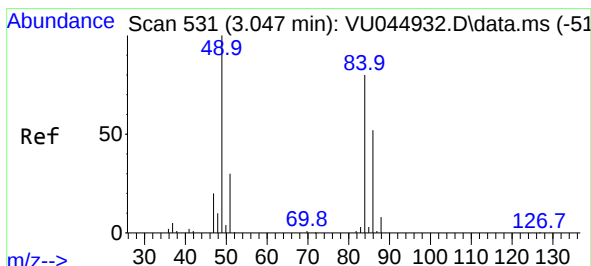
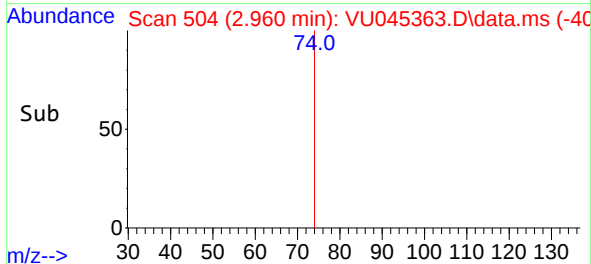
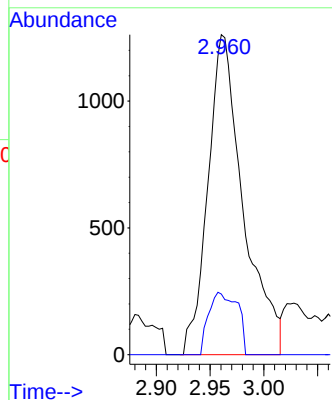
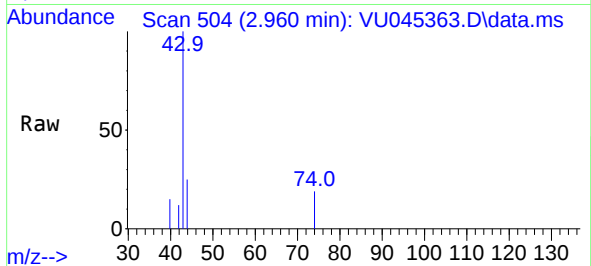




#18
Methyl Acetate
Concen: 0.438 ug/l
RT: 2.960 min Scan# 504
Delta R.T. 0.012 min
Lab File: VU045363.D
Acq: 22 Oct 2021 14:37

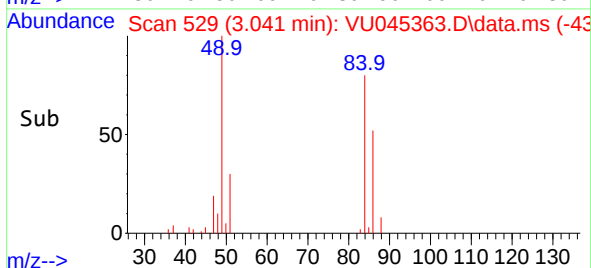
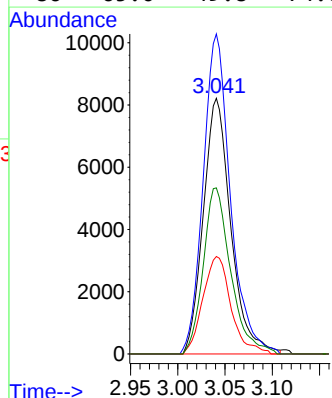
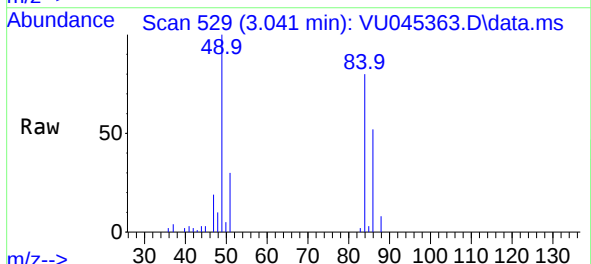
Instrument :
MSVOA_U
ClientSampled :
MH-PIT-SOIL

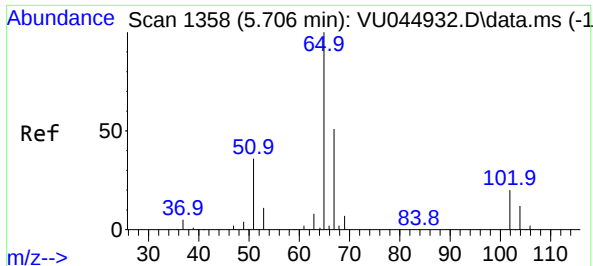
Tgt Ion: 43 Resp: 2887
Ion Ratio Lower Upper
43 100
74 15.8 19.0 28.6#



#20
Methylene Chloride
Concen: 4.903 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.006 min
Lab File: VU045363.D
Acq: 22 Oct 2021 14:37

Tgt Ion: 84 Resp: 16664
Ion Ratio Lower Upper
84 100
49 125.2 104.9 157.3
51 38.1 31.8 47.8
86 65.0 49.8 74.6



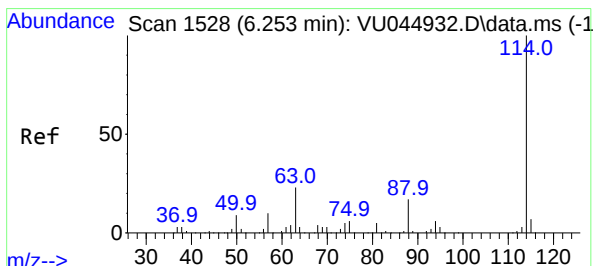
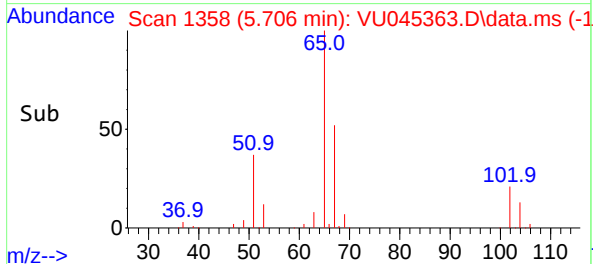
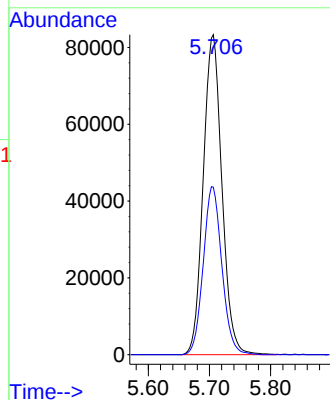
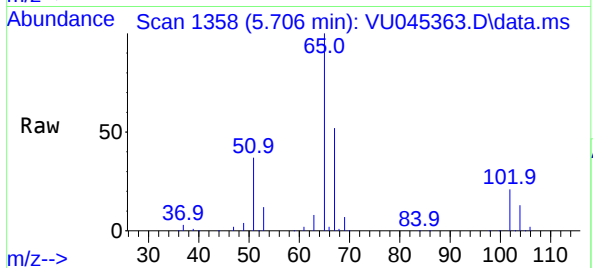


#33

1,2-Dichloroethane-d4
Concen: 46.544 ug/l
RT: 5.706 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VU045363.D
Acq: 22 Oct 2021 14:37

Instrument :
MSVOA_U
ClientSampled :
MH-PIT-SOIL

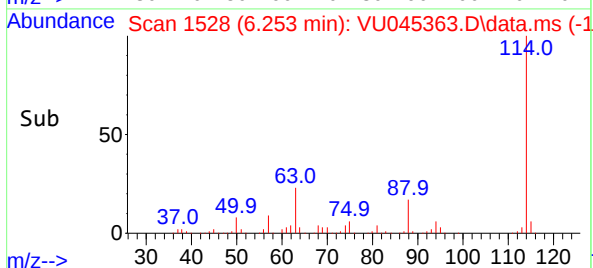
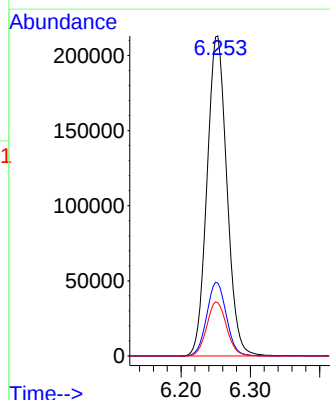
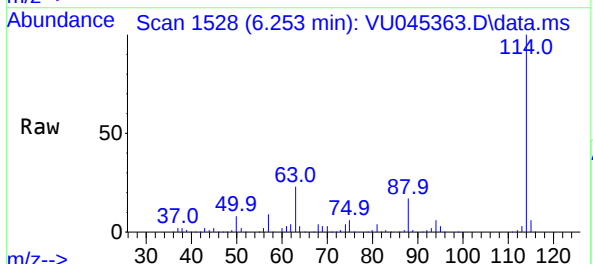
Tgt Ion: 65 Resp: 176921
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

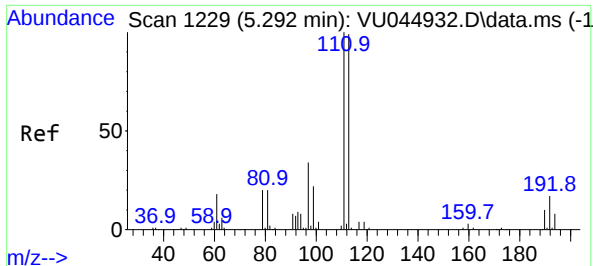


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VU045363.D
Acq: 22 Oct 2021 14:37

Tgt Ion: 114 Resp: 422720
Ion Ratio Lower Upper
114 100
63 22.8 0.0 47.8
88 16.6 0.0 32.8



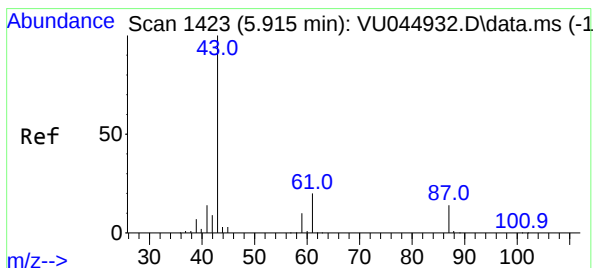
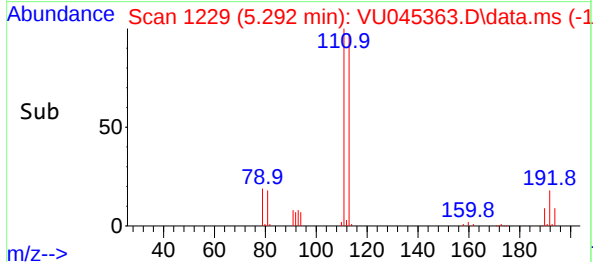
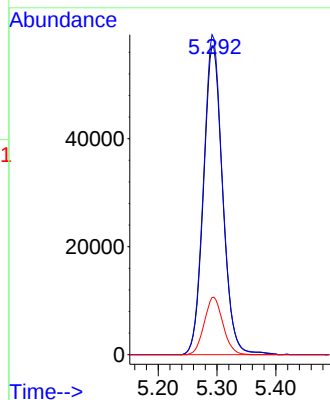
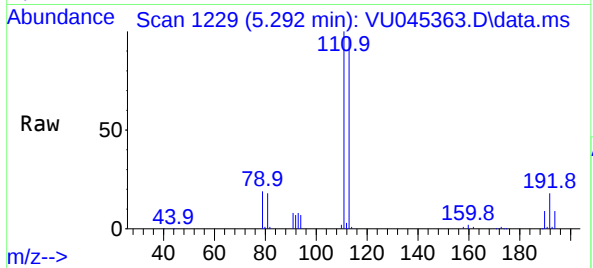


#35
Dibromofluoromethane
Concen: 48.386 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045363.D
Acq: 22 Oct 2021 14:37

Instrument :
MSVOA_U
ClientSampleId :
MH-PIT-SOIL

Tgt Ion:113 Resp: 129030

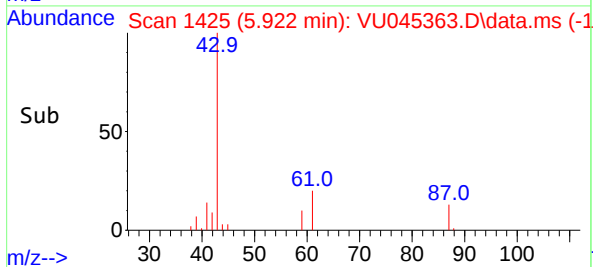
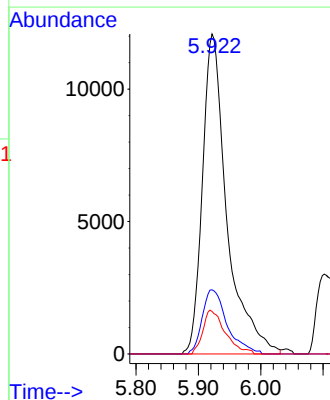
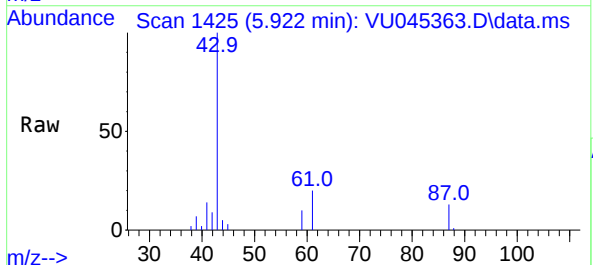
Ion	Ratio	Lower	Upper
113	100		
111	103.3	84.1	126.1
192	18.2	14.8	22.2

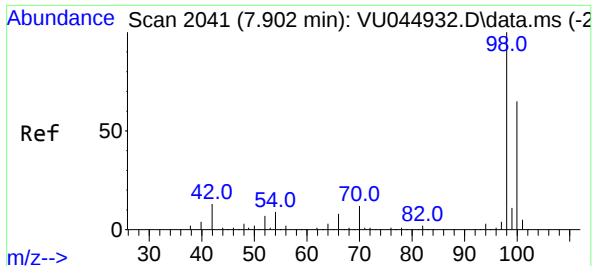


#43
Isopropyl Acetate
Concen: 3.745 ug/l
RT: 5.922 min Scan# 1425
Delta R.T. 0.007 min
Lab File: VU045363.D
Acq: 22 Oct 2021 14:37

Tgt Ion: 43 Resp: 32957

Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.1	24.1
87	12.5	10.3	15.5

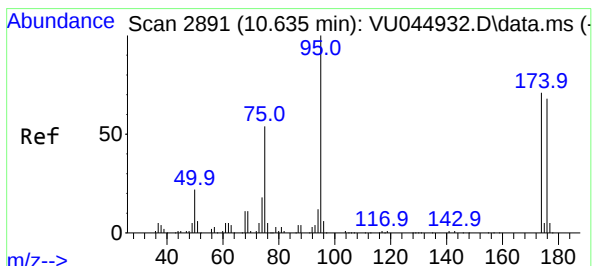
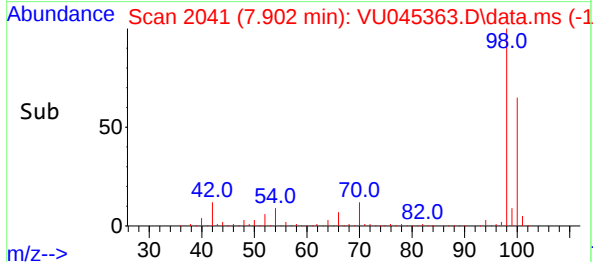
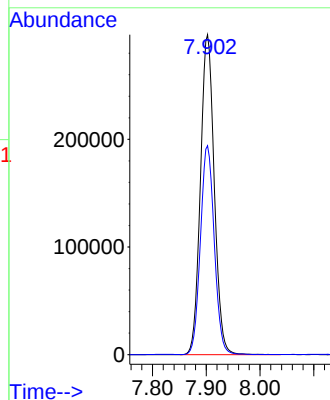
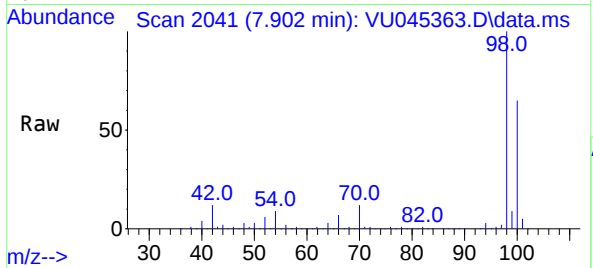




#50
Toluene-d8
Concen: 50.404 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045363.D
Acq: 22 Oct 2021 14:37

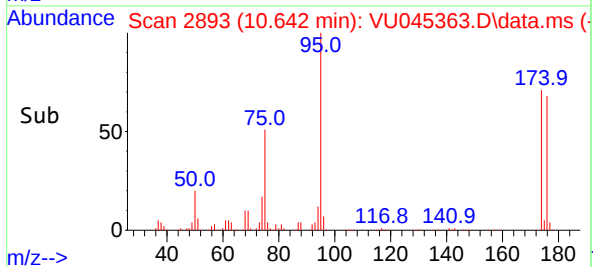
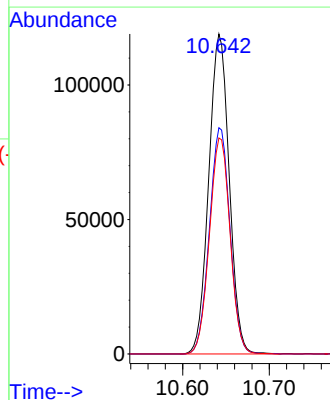
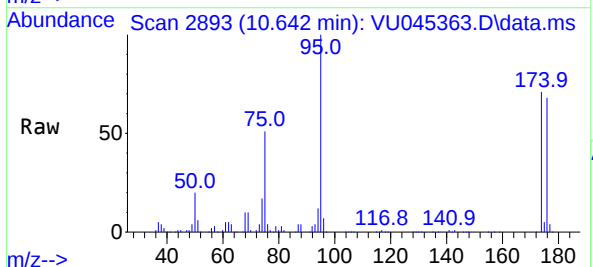
Instrument :
MSVOA_U
ClientSampleId :
MH-PIT-SOIL

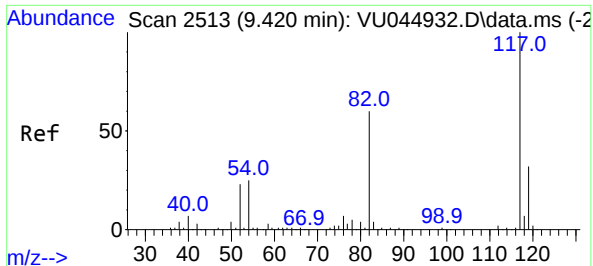
Tgt Ion: 98 Resp: 531073
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.846 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.007 min
Lab File: VU045363.D
Acq: 22 Oct 2021 14:37

Tgt Ion: 95 Resp: 195082
Ion Ratio Lower Upper
95 100
174 71.2 0.0 146.6
176 68.2 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.426 min Scan# 2515

Delta R.T. 0.006 min

Lab File: VU045363.D

Acq: 22 Oct 2021 14:37

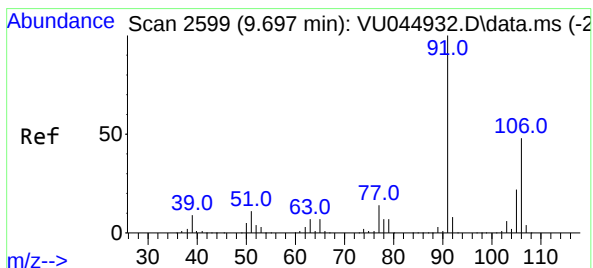
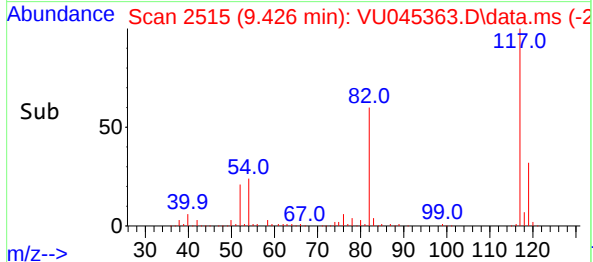
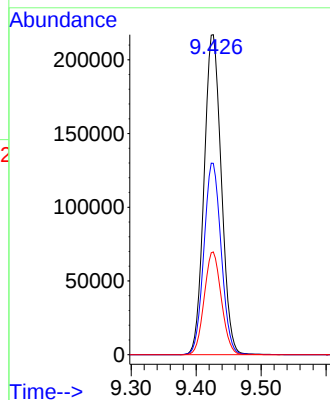
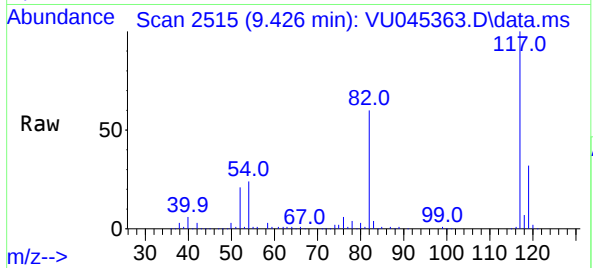
Tgt Ion:117 Resp: 400592

Ion Ratio Lower Upper

117 100

82 59.8 47.8 71.8

119 32.1 25.8 38.6



#68

m/p-Xylenes

Concen: 0.753 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. 0.003 min

Lab File: VU045363.D

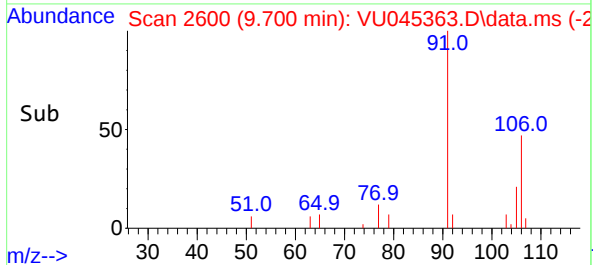
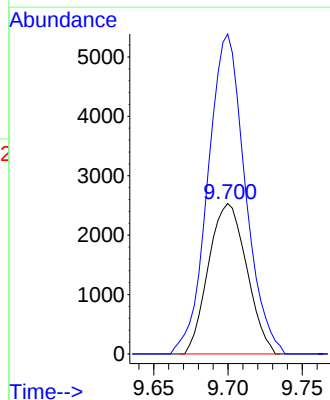
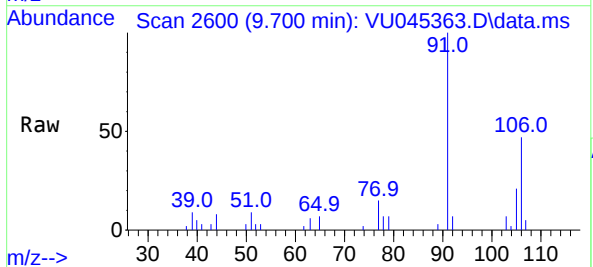
Acq: 22 Oct 2021 14:37

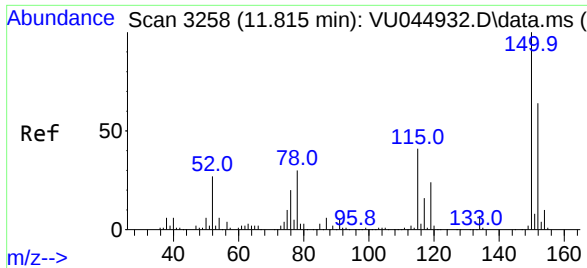
Tgt Ion:106 Resp: 4520

Ion Ratio Lower Upper

106 100

91 208.2 164.2 246.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.004 min
 Lab File: VU045363.D
 Acq: 22 Oct 2021 14:37

Instrument :
 MSVOA_U
 ClientSampleId :
 MH-PIT-SOIL

Tgt Ion:152 Resp: 177037
 Ion Ratio Lower Upper
 152 100
 115 61.4 43.5 130.7
 150 156.8 0.0 350.0

