

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102221\
 Data File : VU045368.D
 Acq On : 22 Oct 2021 16:35
 Operator : SY/MD
 Sample : M4316-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-2-IS

Quant Time: Oct 23 01:13:11 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)

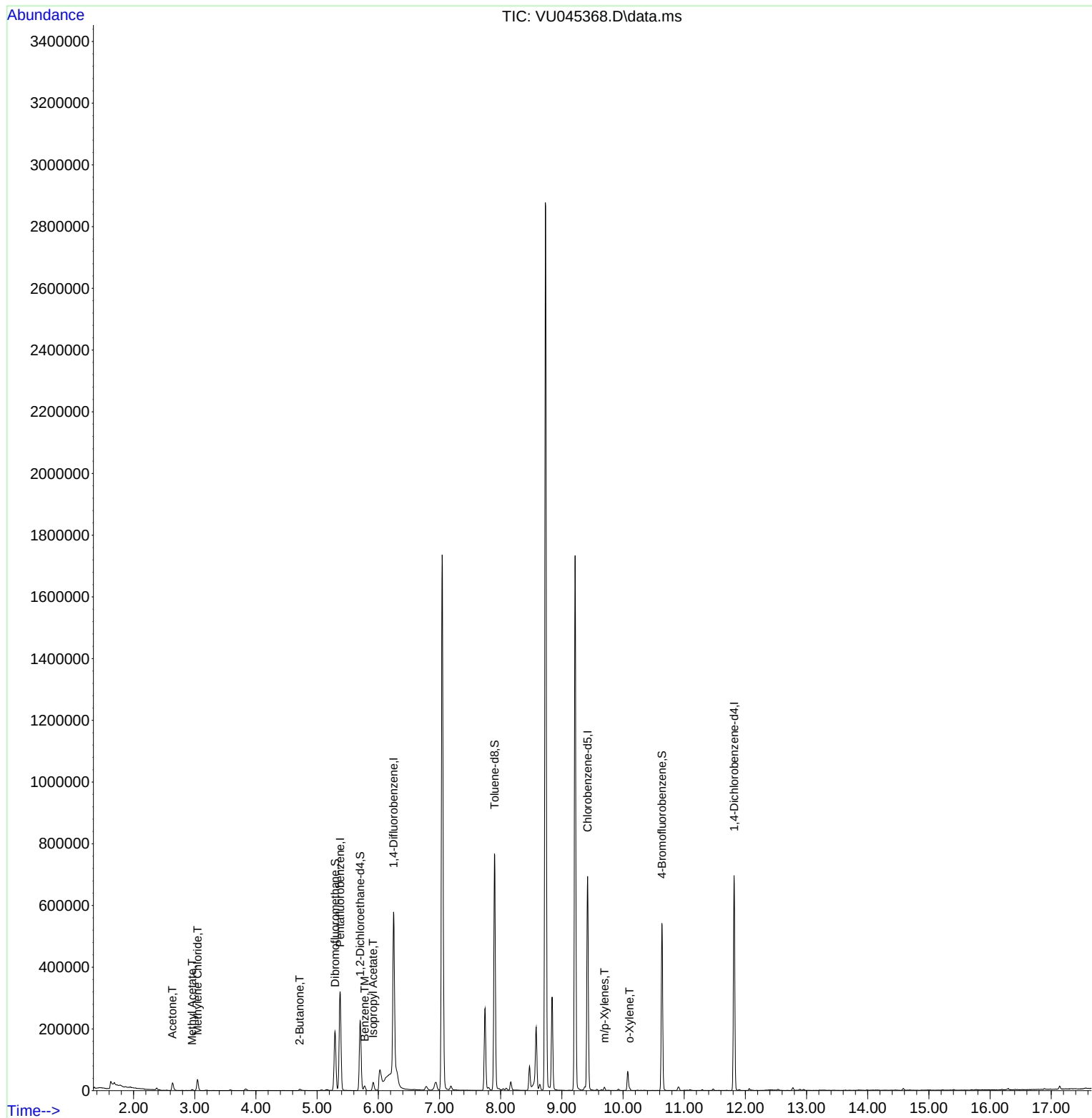
Internal Standards						
1) Pentafluorobenzene	5.375	168	212760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	402470	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	371204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	169487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	170410	48.116	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.240%
35) Dibromofluoromethane	5.292	113	122584	48.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.560%
50) Toluene-d8	7.899	98	499893	49.831	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.660%
62) 4-Bromofluorobenzene	10.635	95	186401	45.007	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.020%
Target Compounds						
					Qvalue	
16) Acetone	2.636	43	31089	14.788	ug/l	98
18) Methyl Acetate	2.954	43	4310	0.701	ug/l	94
20) Methylene Chloride	3.044	84	16503	5.212	ug/l	95
25) 2-Butanone	4.713	43	7861	2.632	ug/l	95
40) Benzene	5.777	78	13313	1.062	ug/l	99
43) Isopropyl Acetate	5.915	43	29993	3.580	ug/l	99
68) m/p-Xylenes	9.697	106	2996	0.538	ug/l	97
69) o-Xylene	10.105	106	1817	0.329	ug/l	95

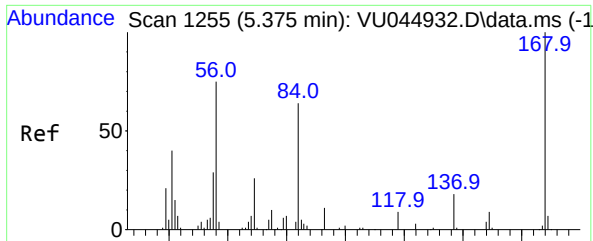
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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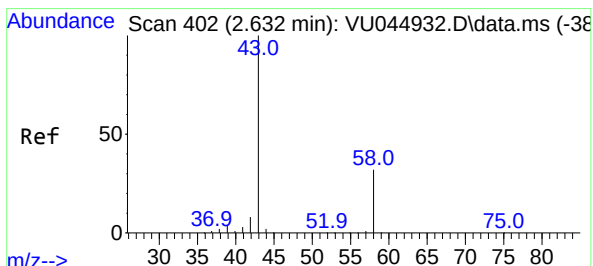
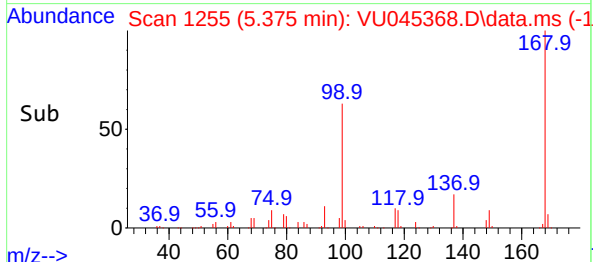
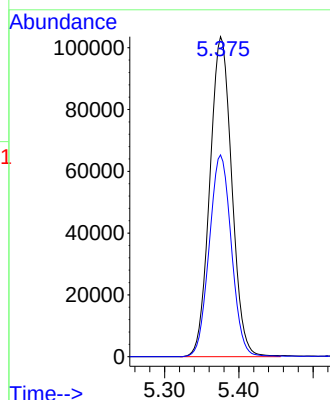
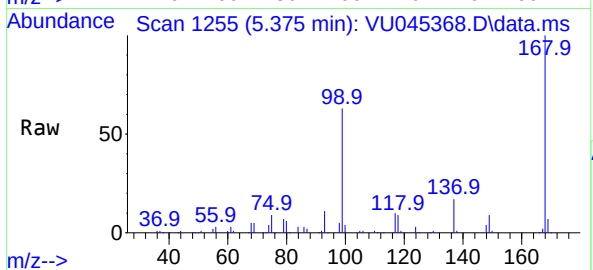




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

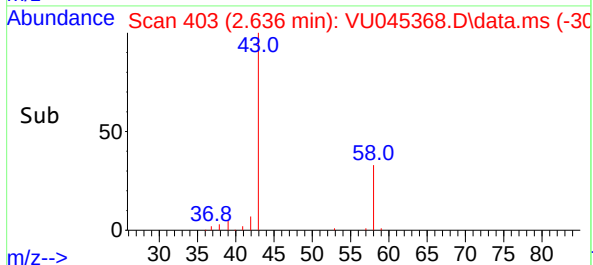
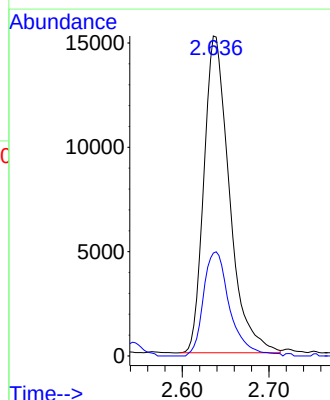
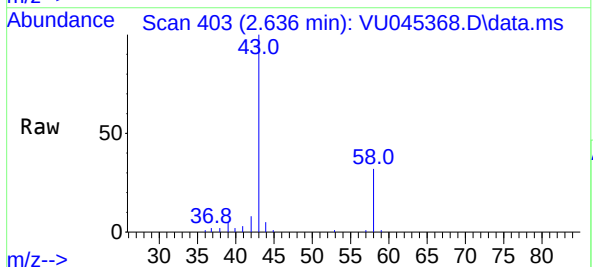
Instrument :
MSVOA_U
ClientSampleId :
WC-2-IS

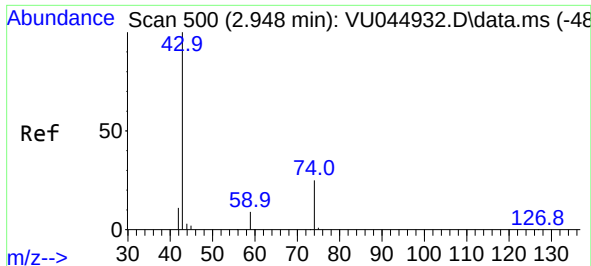
Tgt Ion:168 Resp: 212760
Ion Ratio Lower Upper
168 100
99 63.0 51.4 77.0



#16
Acetone
Concen: 14.788 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.004 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

Tgt Ion: 43 Resp: 31089
Ion Ratio Lower Upper
43 100
58 32.5 25.2 37.8

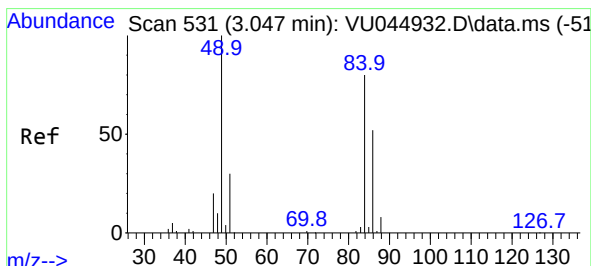
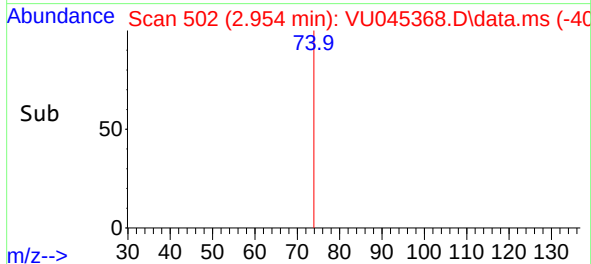
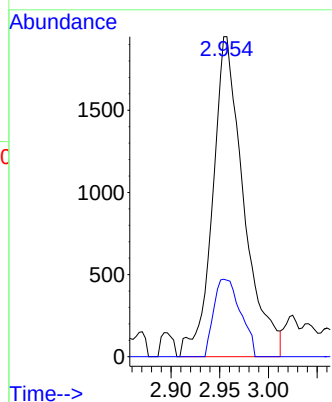
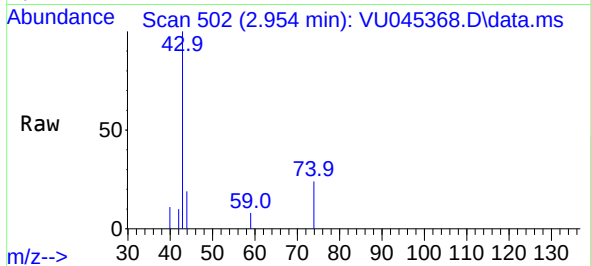




#18
Methyl Acetate
Concen: 0.701 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.006 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

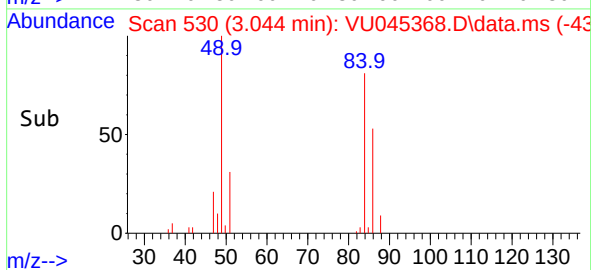
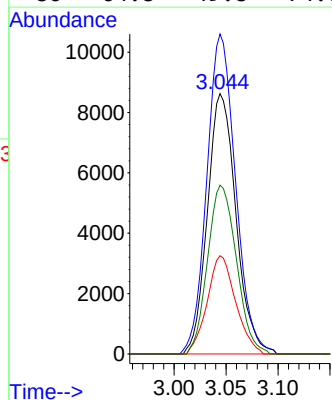
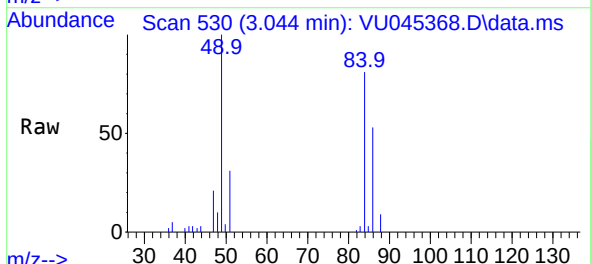
Instrument :
MSVOA_U
ClientSampled :
WC-2-IS

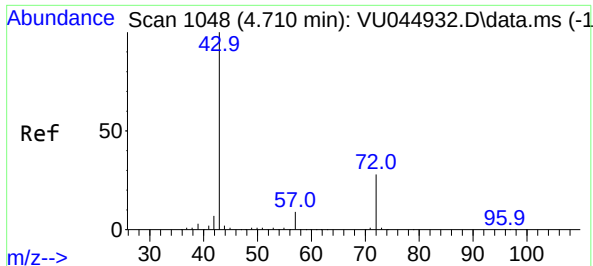
Tgt Ion: 43 Resp: 4310
Ion Ratio Lower Upper
43 100
74 20.9 19.0 28.6



#20
Methylene Chloride
Concen: 5.212 ug/l
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

Tgt Ion: 84 Resp: 16503
Ion Ratio Lower Upper
84 100
49 122.9 104.9 157.3
51 37.7 31.8 47.8
86 64.8 49.8 74.6



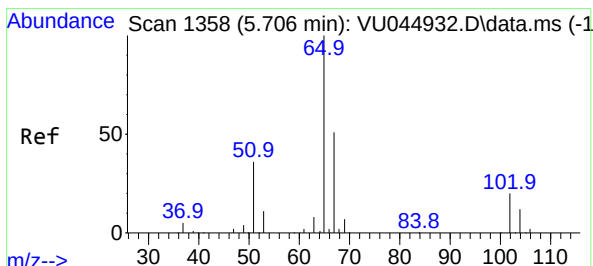
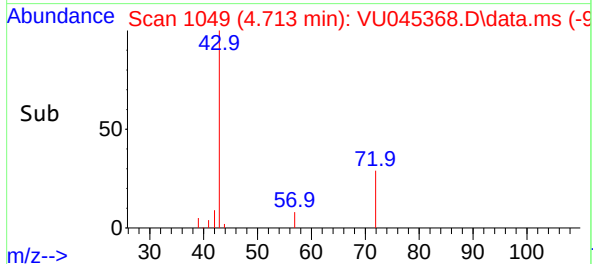
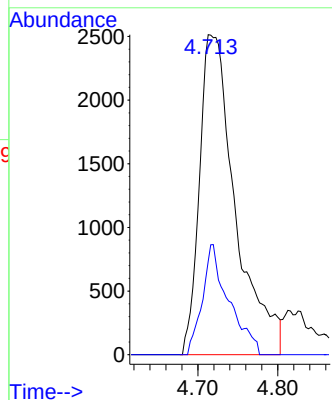
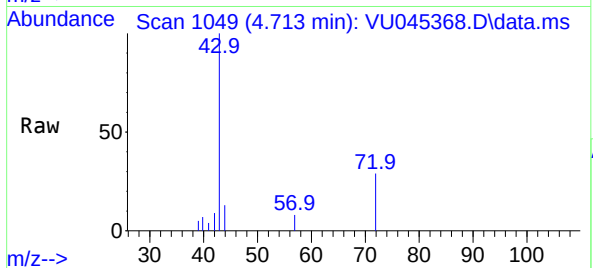


#25

2-Butanone
Concen: 2.632 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

Instrument :
MSVOA_U
ClientSampled :
WC-2-IS

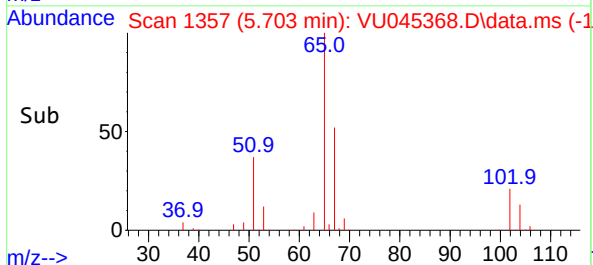
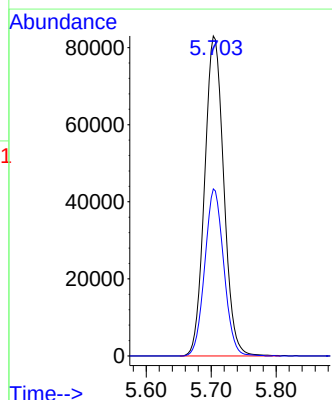
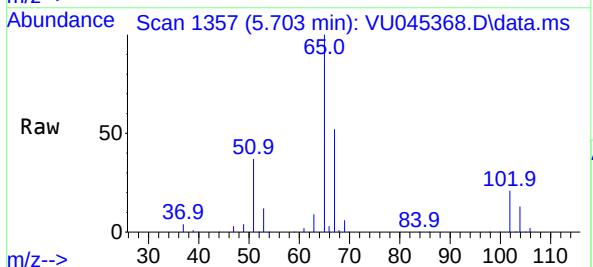
Tgt Ion: 43 Resp: 7861
Ion Ratio Lower Upper
43 100
72 29.2 21.3 31.9

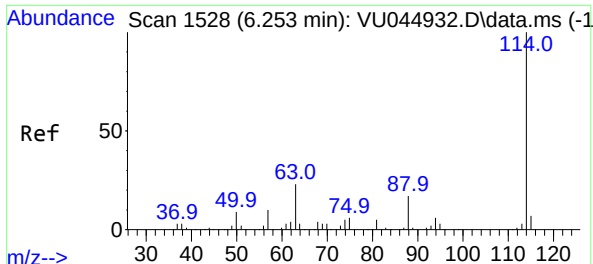


#33

1,2-Dichloroethane-d4
Concen: 48.116 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

Tgt Ion: 65 Resp: 170410
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8



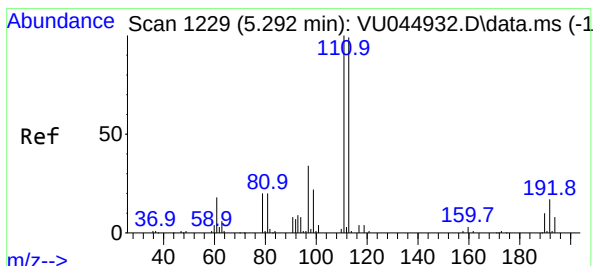
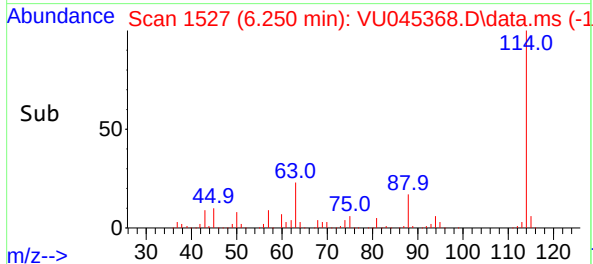
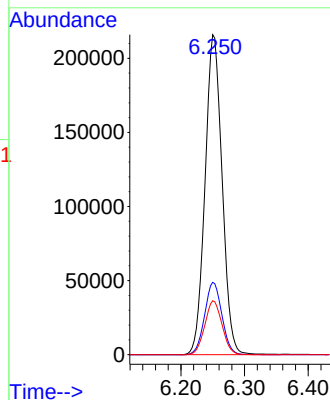
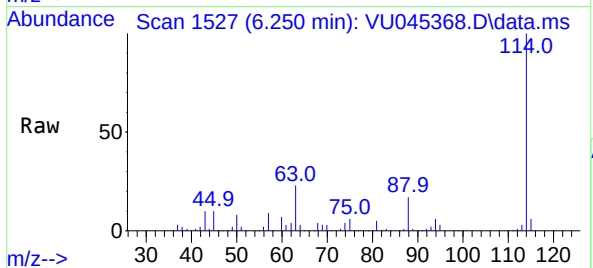


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

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MSVOA_U
ClientSampleId :
WC-2-IS

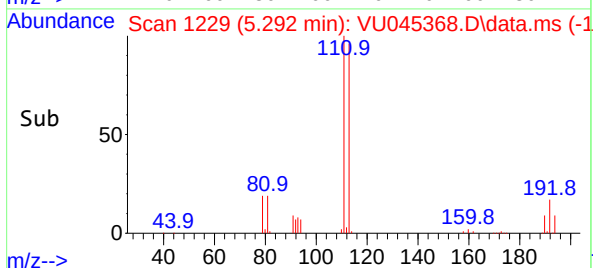
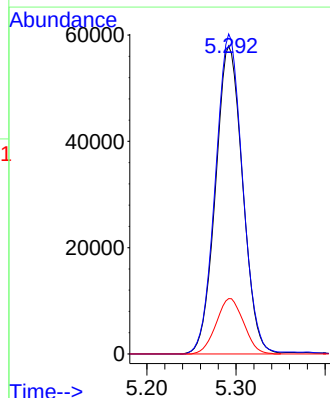
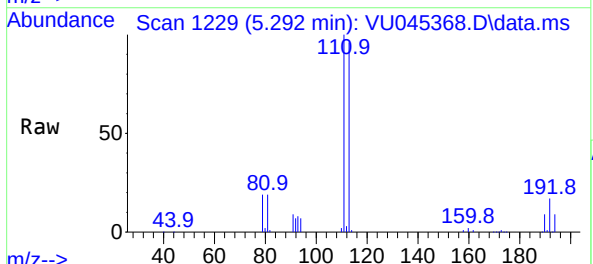
Tgt Ion:114 Resp: 402470
Ion Ratio Lower Upper
114 100
63 22.6 0.0 47.8
88 16.8 0.0 32.8

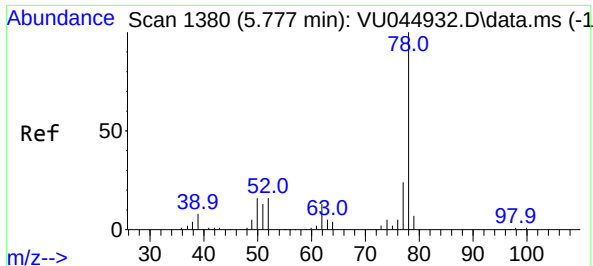


#35

Dibromofluoromethane
Concen: 48.282 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

Tgt Ion:113 Resp: 122584
Ion Ratio Lower Upper
113 100
111 103.8 84.1 126.1
192 18.2 14.8 22.2

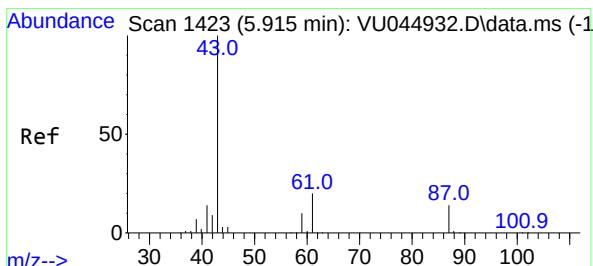
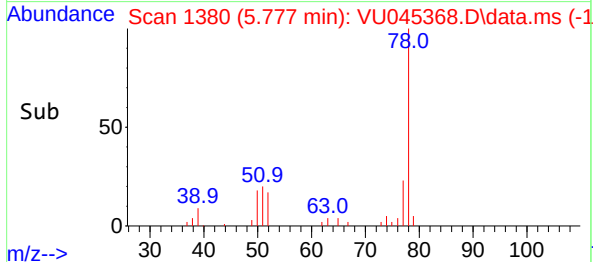
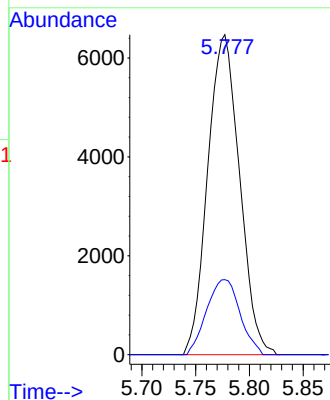
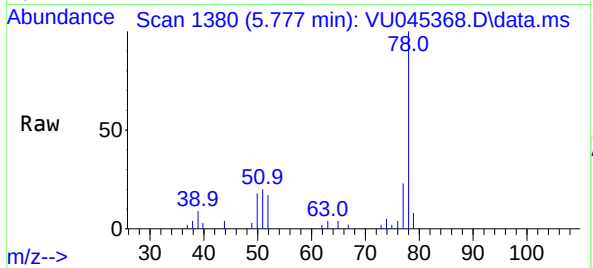




#40
Benzene
Concen: 1.062 ug/l
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

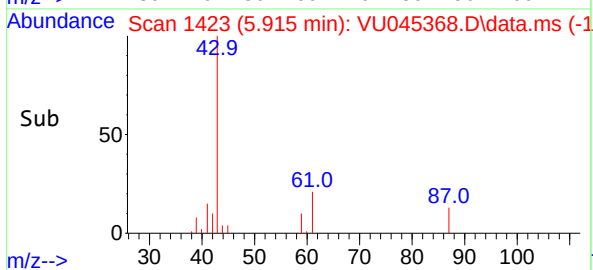
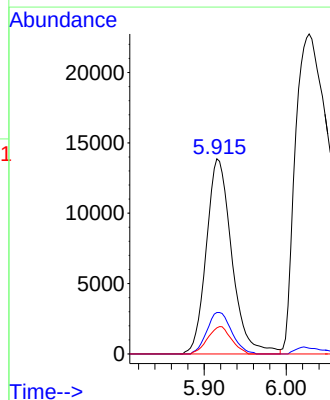
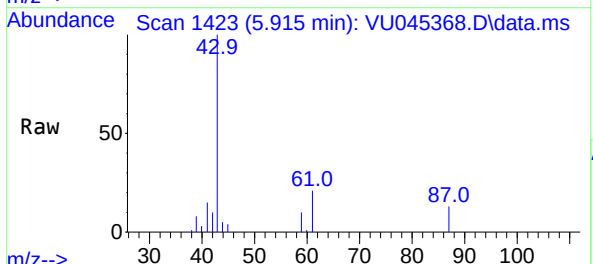
Instrument :
MSVOA_U
ClientSampled :
WC-2-IS

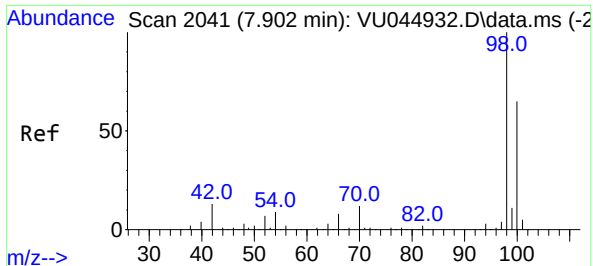
Tgt Ion: 78 Resp: 13313
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7



#43
Isopropyl Acetate
Concen: 3.580 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

Tgt Ion: 43 Resp: 29993
Ion Ratio Lower Upper
43 100
61 20.6 16.1 24.1
87 13.0 10.3 15.5

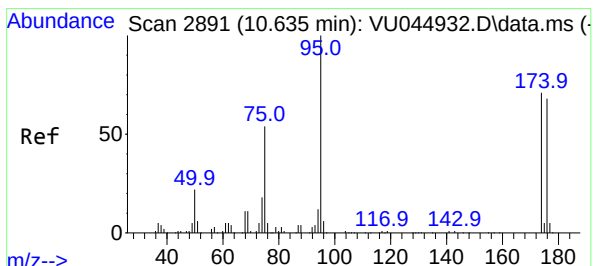
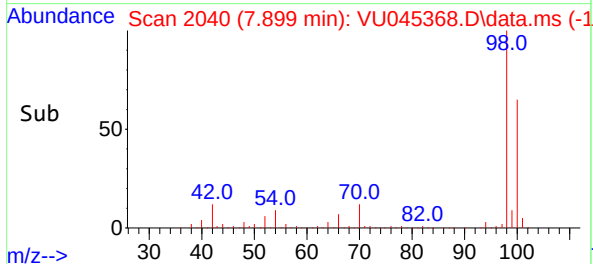
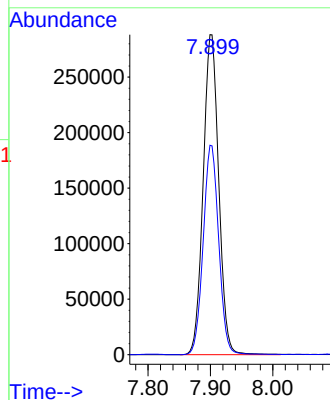
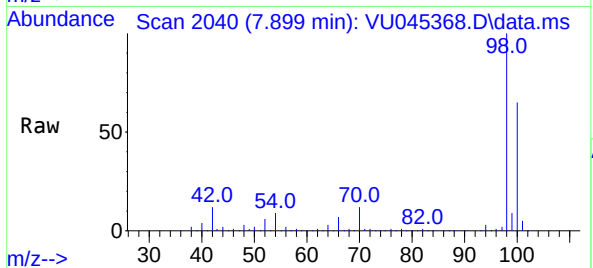




#50
Toluene-d8
Concen: 49.831 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

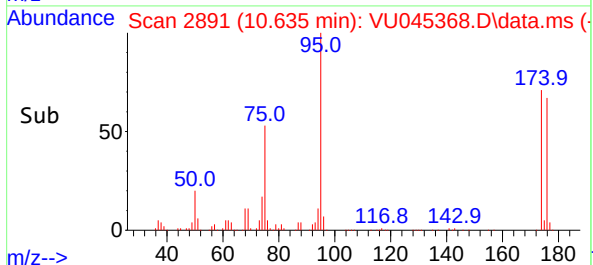
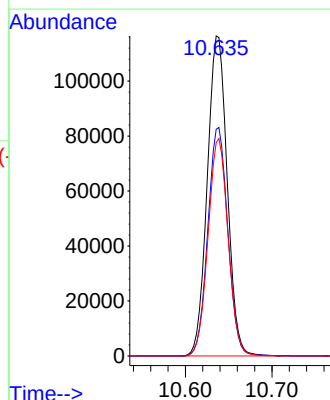
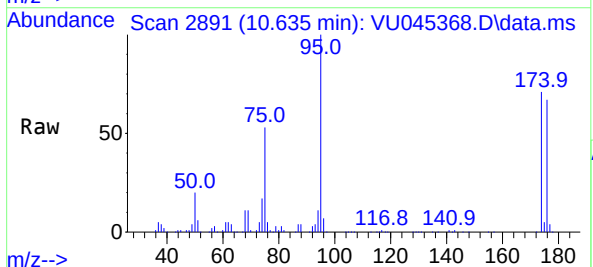
Instrument :
MSVOA_U
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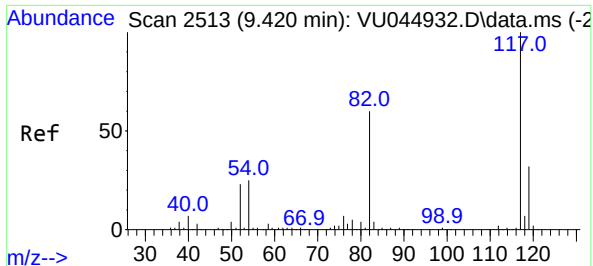
Tgt Ion: 98 Resp: 499893
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 45.007 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

Tgt Ion: 95 Resp: 186401
Ion Ratio Lower Upper
95 100
174 71.5 0.0 146.6
176 68.1 0.0 141.2

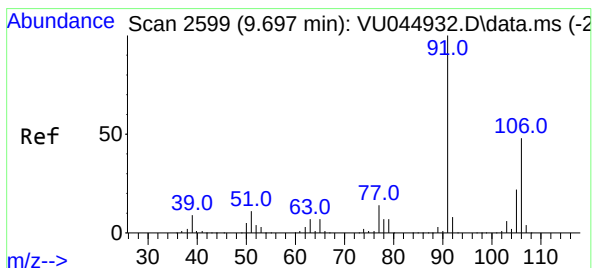
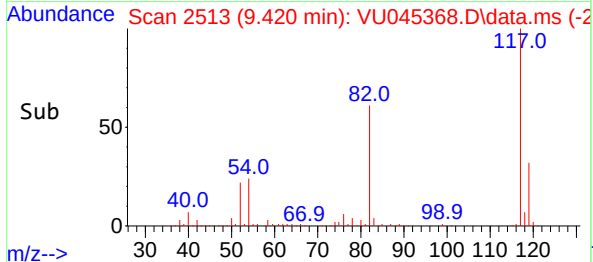
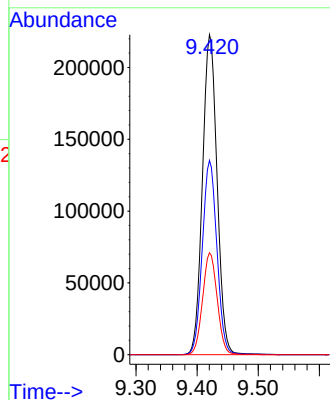
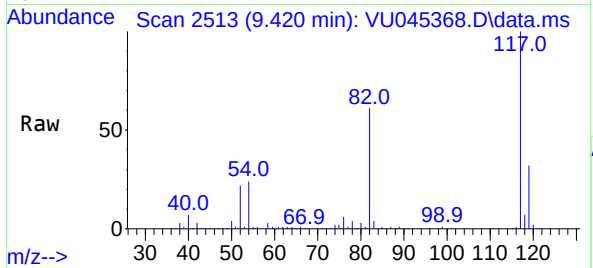




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

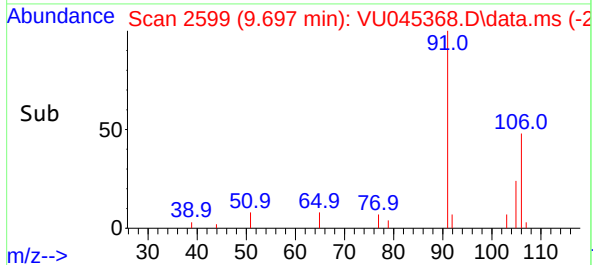
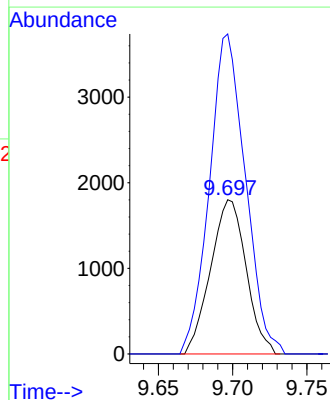
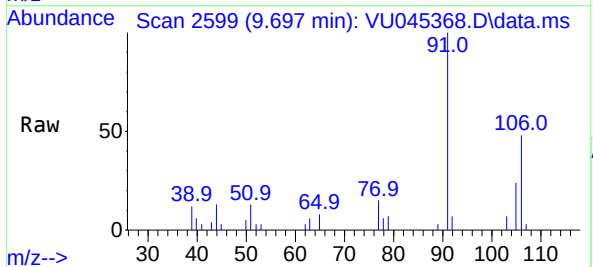
Instrument :
MSVOA_U
ClientSampled :
WC-2-IS

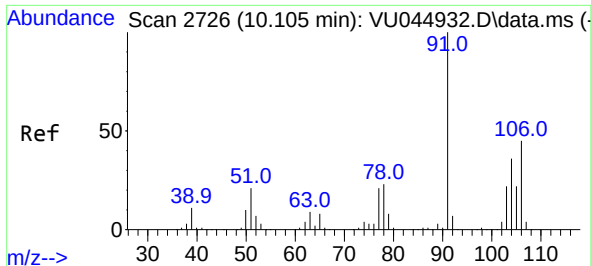
Tgt Ion:117 Resp: 371204
Ion Ratio Lower Upper
117 100
82 60.7 47.8 71.8
119 31.9 25.8 38.6



#68
m/p-Xylenes
Concen: 0.538 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

Tgt Ion:106 Resp: 2996
Ion Ratio Lower Upper
106 100
91 209.8 164.2 246.2

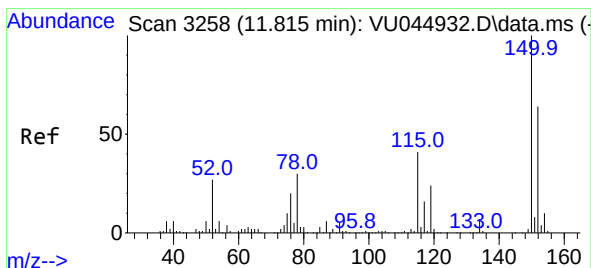
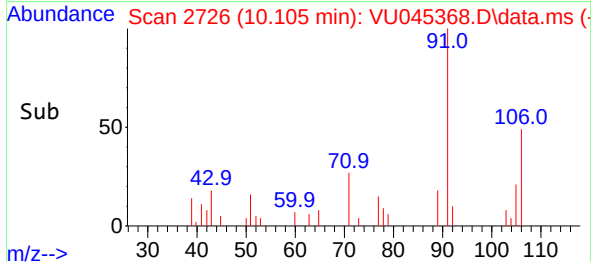
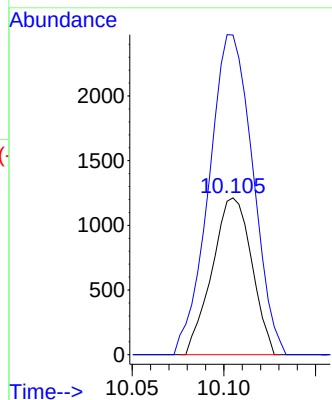
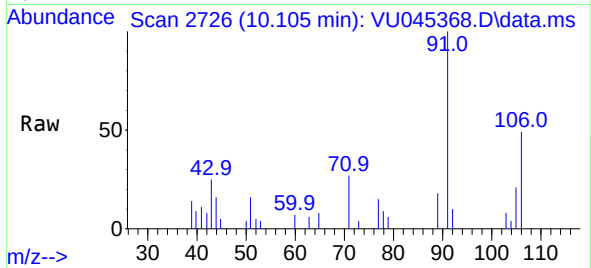




#69
o-Xylene
Concen: 0.329 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

Instrument :
MSVOA_U
ClientSampleId :
WC-2-IS

Tgt Ion:106 Resp: 1817
Ion Ratio Lower Upper
106 100
91 226.3 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045368.D
Acq: 22 Oct 2021 16:35

Tgt Ion:152 Resp: 169487
Ion Ratio Lower Upper
152 100
115 62.2 43.5 130.7
150 157.6 0.0 350.0

