

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102221\
 Data File : VU045369.D
 Acq On : 22 Oct 2021 16:59
 Operator : SY/MD
 Sample : M4316-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 WC-2A-ID

Quant Time: Oct 23 01:13:23 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)

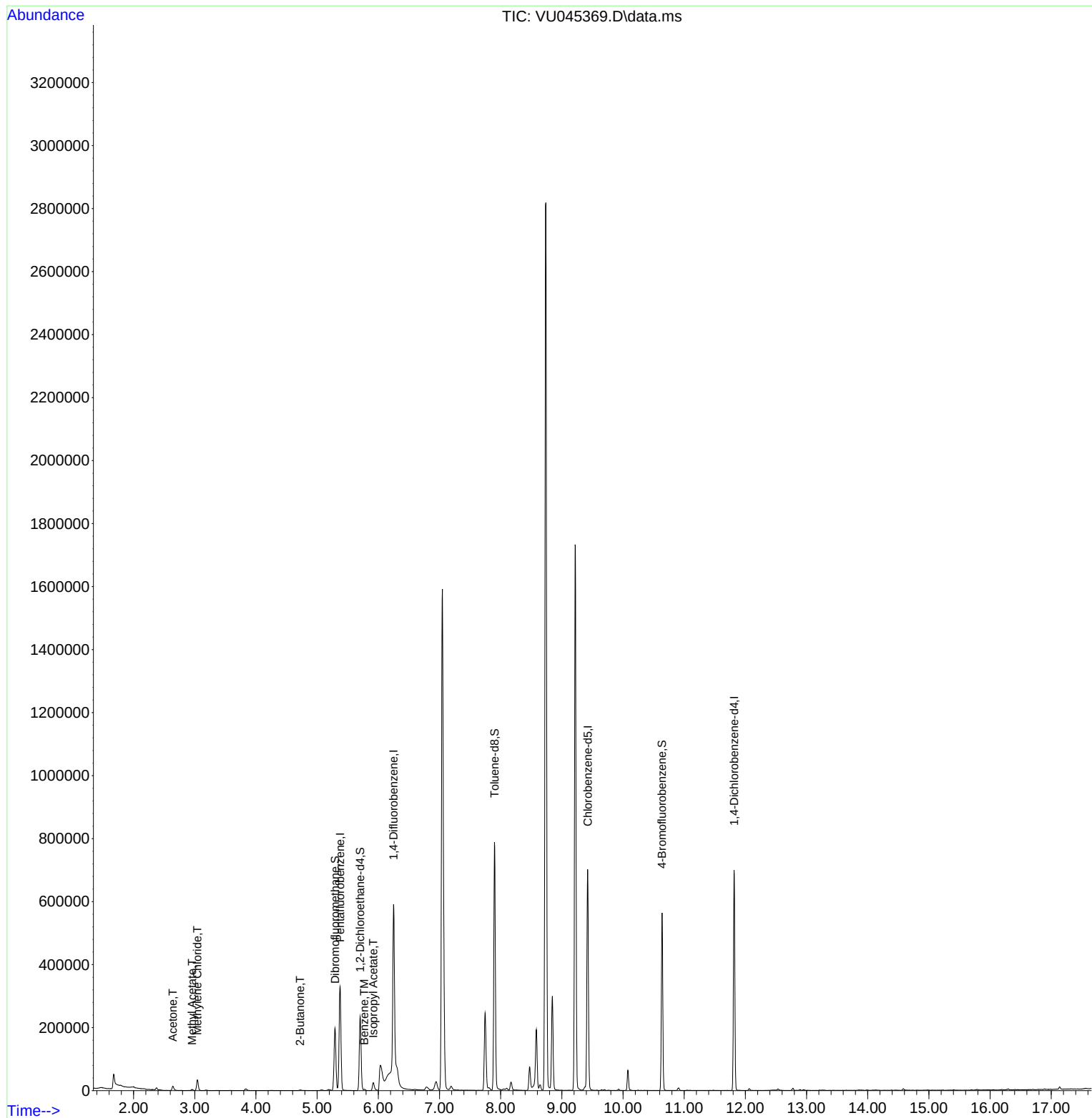
Internal Standards						
1) Pentafluorobenzene	5.375	168	220177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	415001	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.424	117	385398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	171788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	176323	48.108	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.220%		
35) Dibromofluoromethane	5.292	113	127982	48.886	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.780%		
50) Toluene-d8	7.899	98	515142	49.801	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.600%		
62) 4-Bromofluorobenzene	10.639	95	191476	44.836	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.680%		
Target Compounds						
					Qvalue	
16) Acetone	2.642	43	19708	9.059	ug/l	98
18) Methyl Acetate	2.954	43	4965	0.781	ug/l #	87
20) Methylene Chloride	3.041	84	16399	5.005	ug/l	98
25) 2-Butanone	4.723	43	4044	1.308	ug/l	99
40) Benzene	5.771	78	3442	0.266	ug/l	96
43) Isopropyl Acetate	5.919	43	30888	3.575	ug/l	98

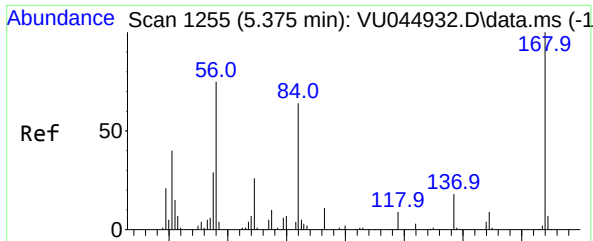
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

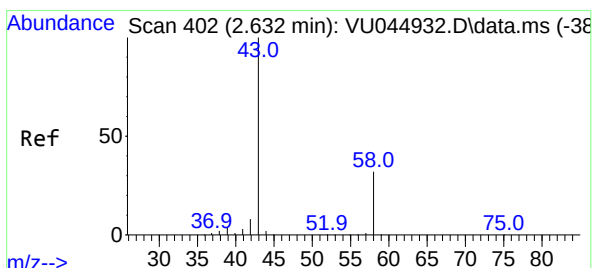
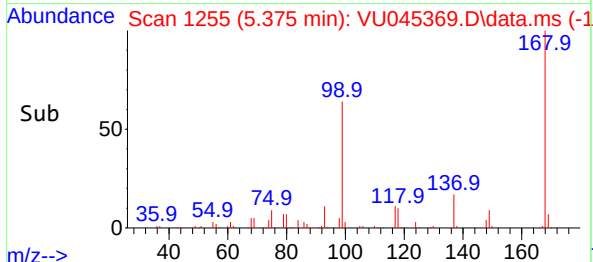
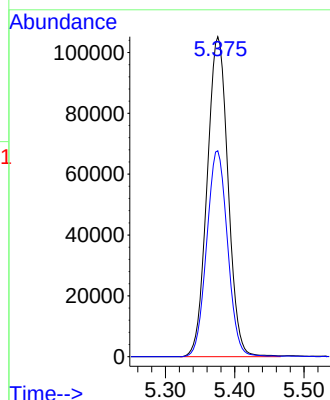
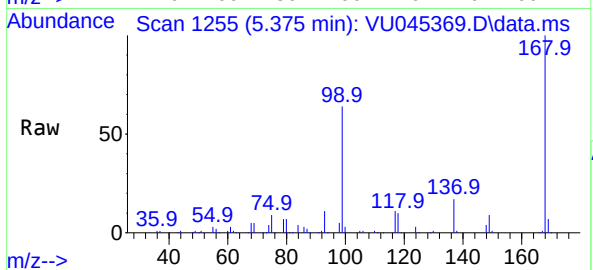




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045369.D
Acq: 22 Oct 2021 16:59

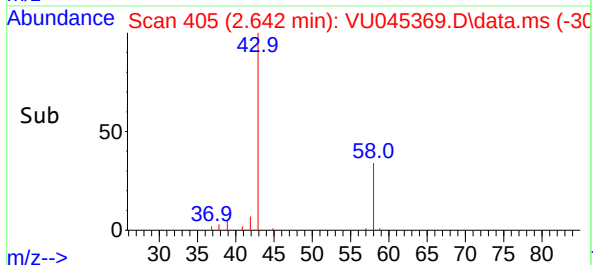
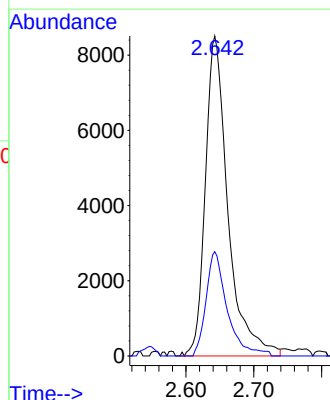
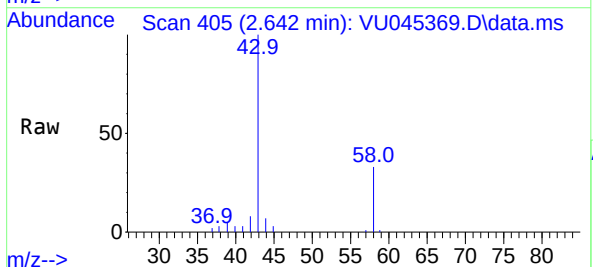
Instrument :
MSVOA_U
ClientSampleId :
WC-2A-ID

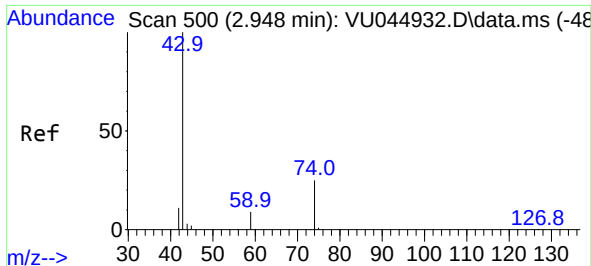
Tgt Ion:168 Resp: 220177
Ion Ratio Lower Upper
168 100
99 64.4 51.4 77.0



#16
Acetone
Concen: 9.059 ug/l
RT: 2.642 min Scan# 405
Delta R.T. 0.010 min
Lab File: VU045369.D
Acq: 22 Oct 2021 16:59

Tgt Ion: 43 Resp: 19708
Ion Ratio Lower Upper
43 100
58 32.6 25.2 37.8

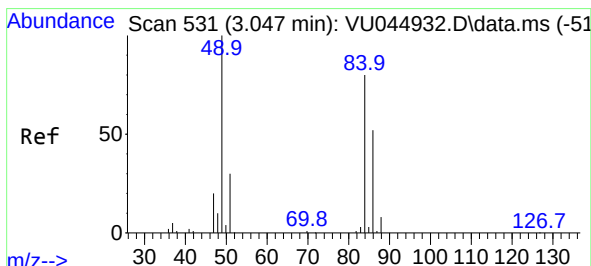
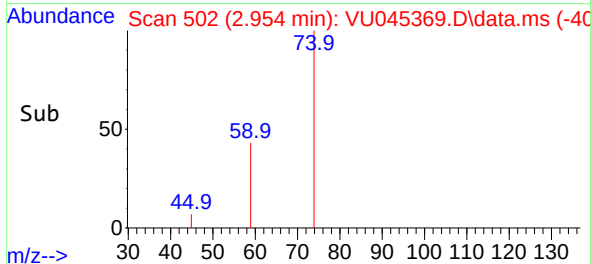
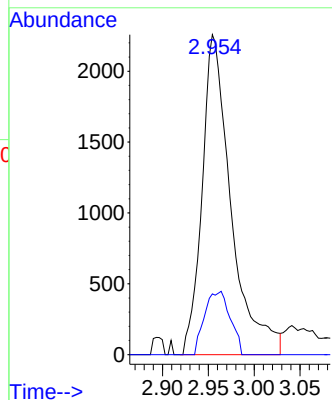
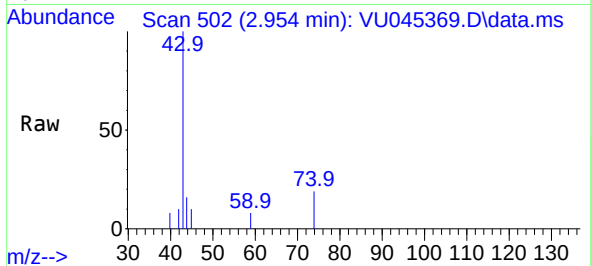




#18
Methyl Acetate
Concen: 0.781 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.006 min
Lab File: VU045369.D
Acq: 22 Oct 2021 16:59

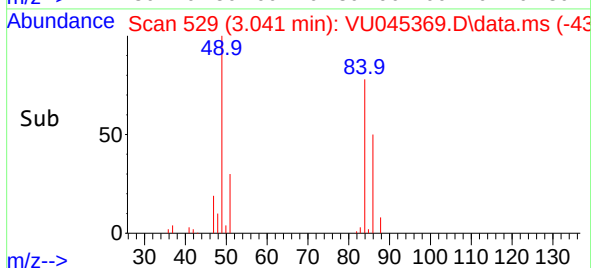
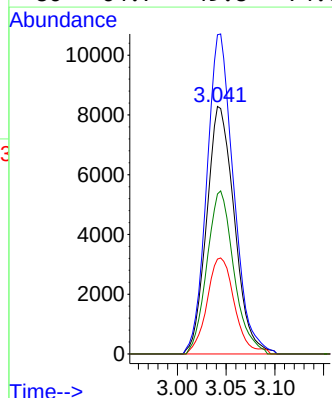
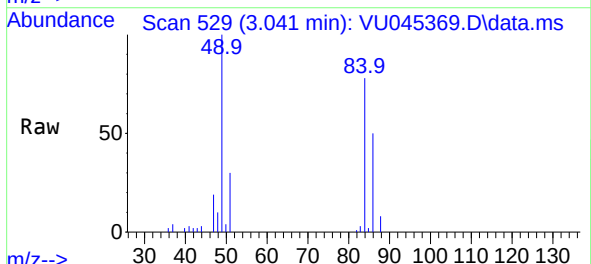
Instrument :
MSVOA_U
ClientSampleID :
WC-2A-ID

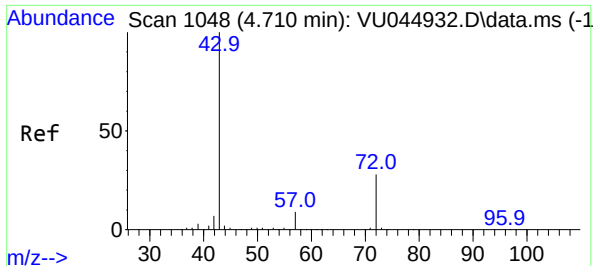
Tgt Ion: 43 Resp: 4965
Ion Ratio Lower Upper
43 100
74 17.4 19.0 28.6#



#20
Methylene Chloride
Concen: 5.005 ug/l
RT: 3.041 min Scan# 529
Delta R.T. -0.006 min
Lab File: VU045369.D
Acq: 22 Oct 2021 16:59

Tgt Ion: 84 Resp: 16399
Ion Ratio Lower Upper
84 100
49 129.0 104.9 157.3
51 38.3 31.8 47.8
86 64.7 49.8 74.6

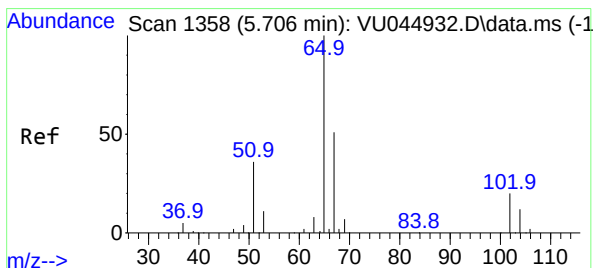
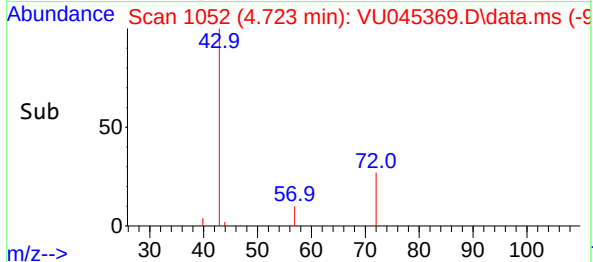
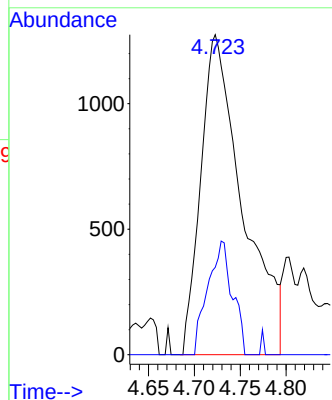
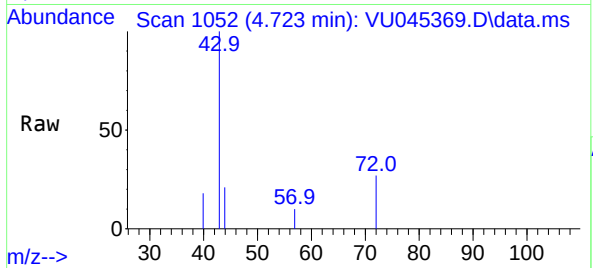




#25
2-Butanone
Concen: 1.308 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.013 min
Lab File: VU045369.D
Acq: 22 Oct 2021 16:59

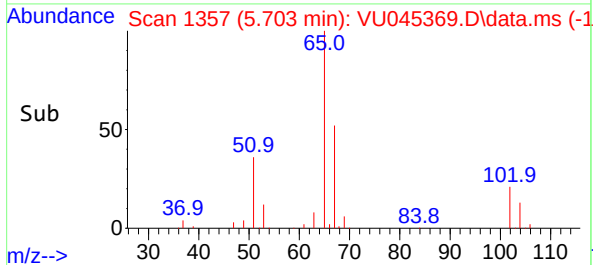
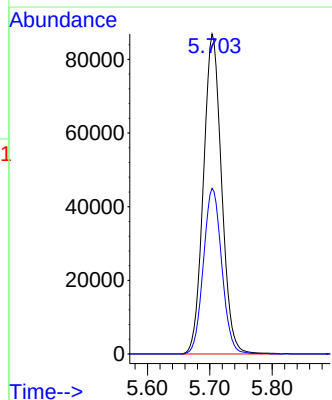
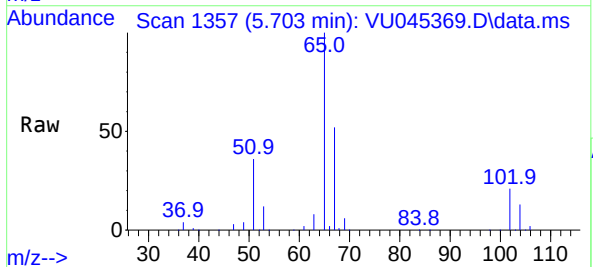
Instrument :
MSVOA_U
ClientSampleID :
WC-2A-ID

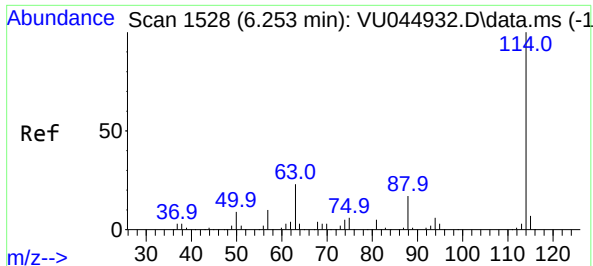
Tgt Ion: 43 Resp: 4044
Ion Ratio Lower Upper
43 100
72 27.3 21.3 31.9



#33
1,2-Dichloroethane-d4
Concen: 48.108 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045369.D
Acq: 22 Oct 2021 16:59

Tgt Ion: 65 Resp: 176323
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8



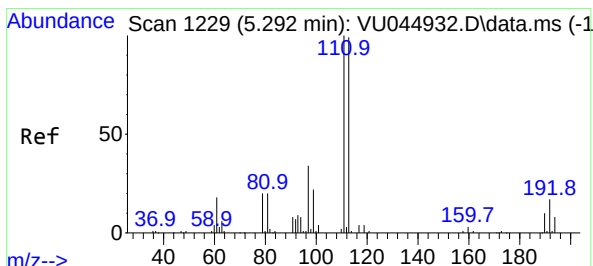
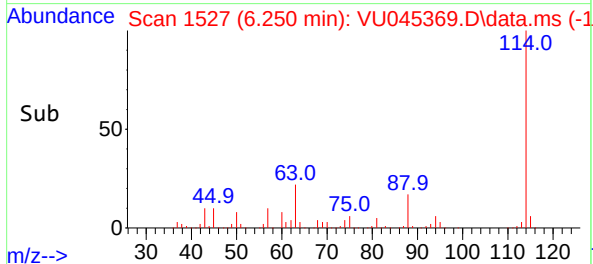
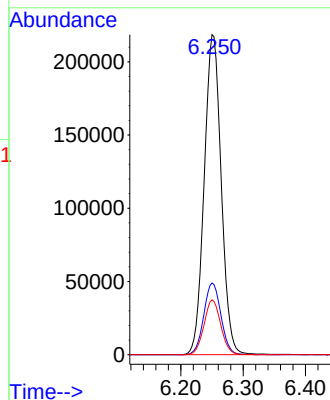
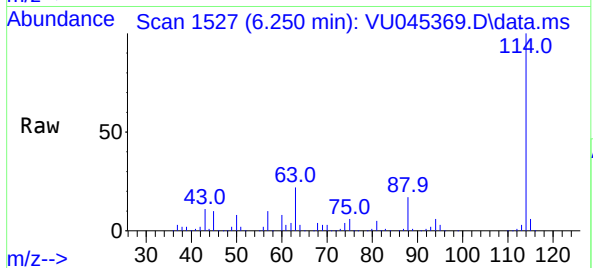


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045369.D
Acq: 22 Oct 2021 16:59

Instrument :
MSVOA_U
ClientSampleId :
WC-2A-ID

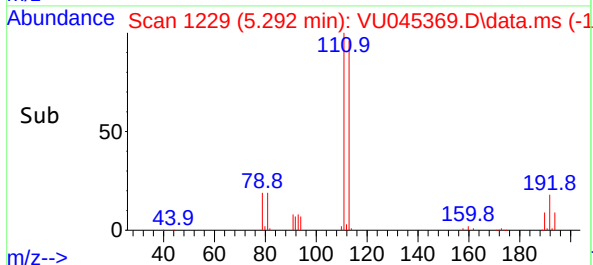
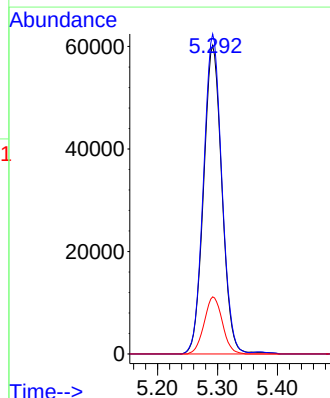
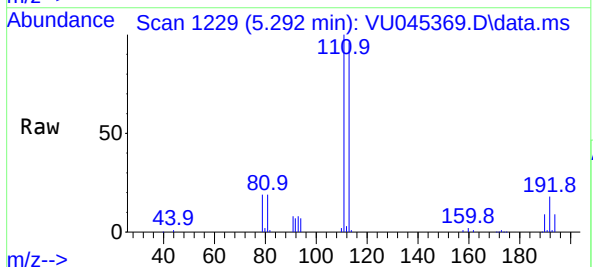
Tgt Ion:114 Resp: 415001
Ion Ratio Lower Upper
114 100
63 22.4 0.0 47.8
88 17.1 0.0 32.8

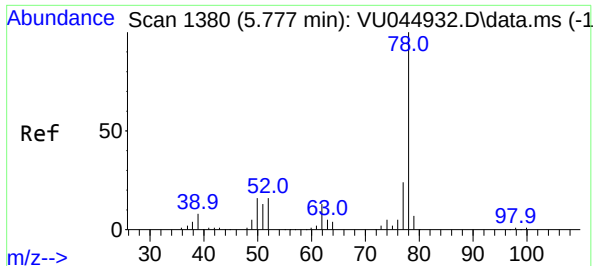


#35

Dibromofluoromethane
Concen: 48.886 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045369.D
Acq: 22 Oct 2021 16:59

Tgt Ion:113 Resp: 127982
Ion Ratio Lower Upper
113 100
111 103.6 84.1 126.1
192 18.4 14.8 22.2

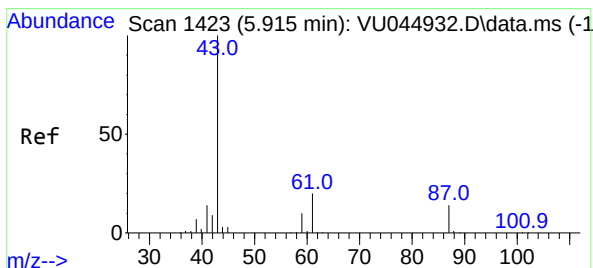
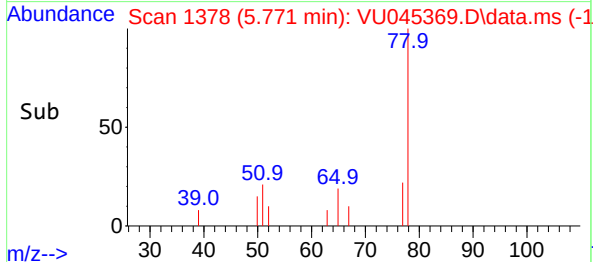
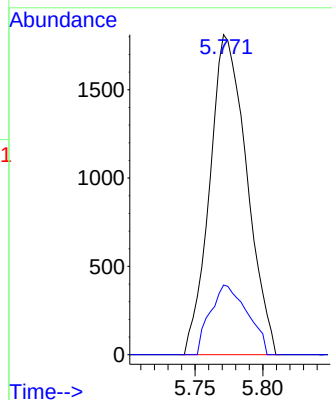
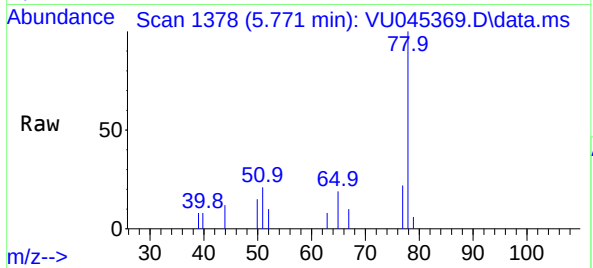




#40
Benzene
Concen: 0.266 ug/l
RT: 5.771 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VU045369.D
Acq: 22 Oct 2021 16:59

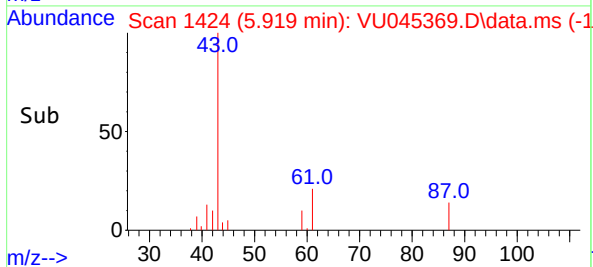
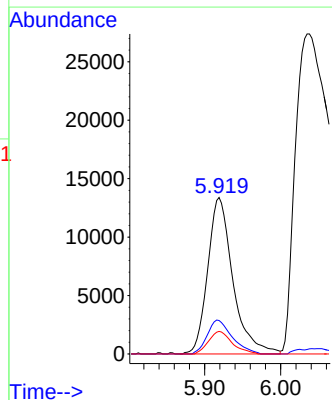
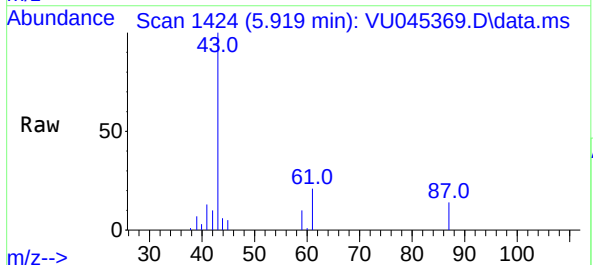
Instrument :
MSVOA_U
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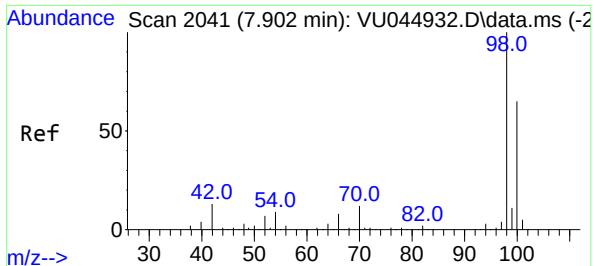
Tgt Ion: 78 Resp: 3442
Ion Ratio Lower Upper
78 100
77 21.7 19.1 28.7



#43
Isopropyl Acetate
Concen: 3.575 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.004 min
Lab File: VU045369.D
Acq: 22 Oct 2021 16:59

Tgt Ion: 43 Resp: 30888
Ion Ratio Lower Upper
43 100
61 21.3 16.1 24.1
87 13.5 10.3 15.5

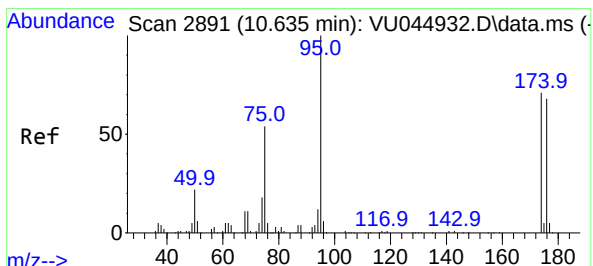
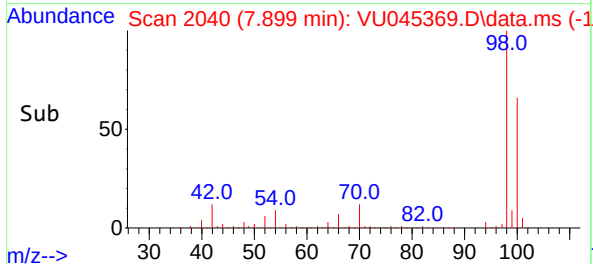
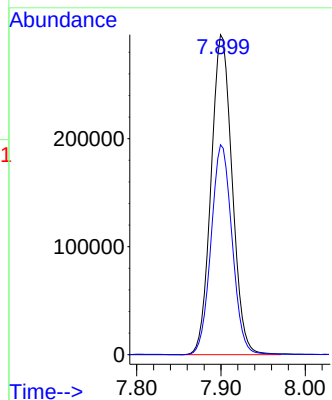
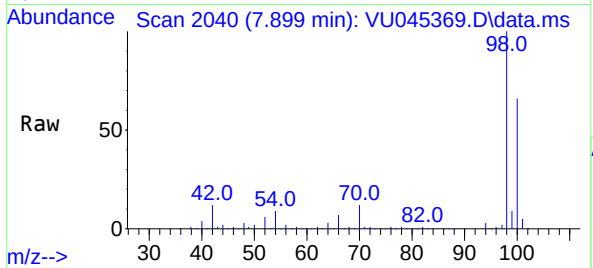




#50
Toluene-d8
Concen: 49.801 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.003 min
Lab File: VU045369.D
Acq: 22 Oct 2021 16:59

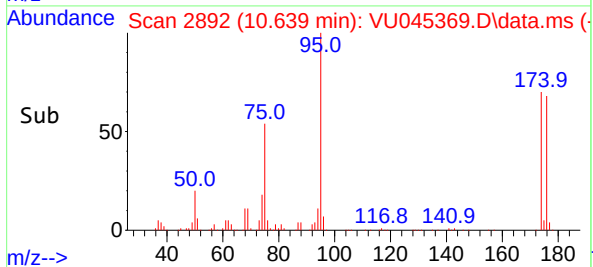
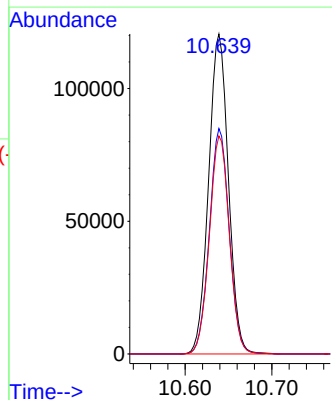
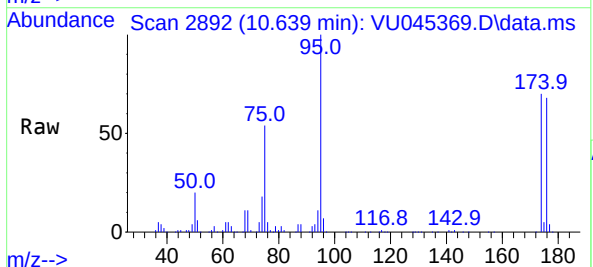
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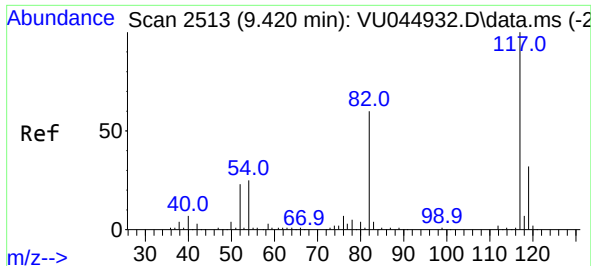
Tgt Ion: 98 Resp: 515142
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.836 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.004 min
Lab File: VU045369.D
Acq: 22 Oct 2021 16:59

Tgt Ion: 95 Resp: 191476
Ion Ratio Lower Upper
95 100
174 70.7 0.0 146.6
176 68.6 0.0 141.2

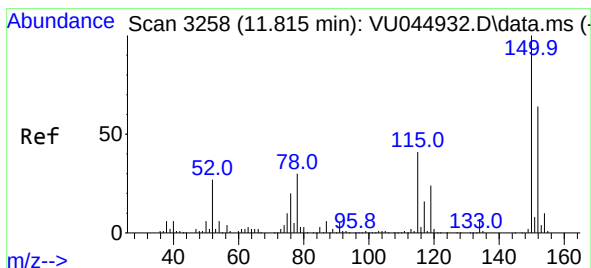
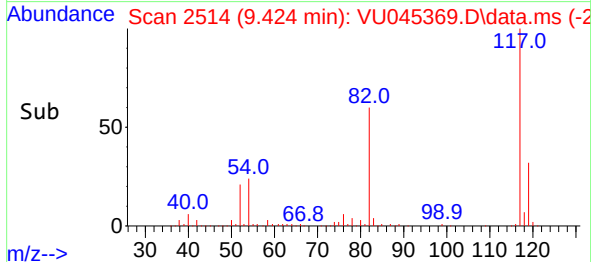
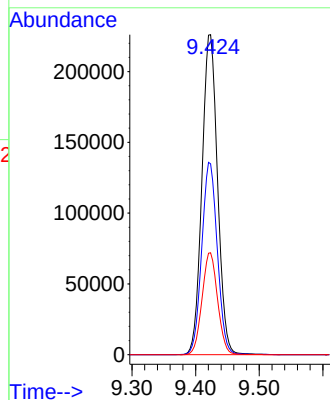
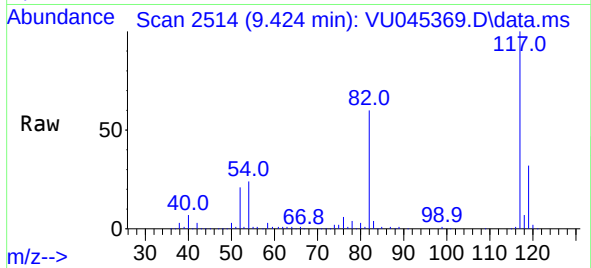




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.424 min Scan# 2514
Delta R.T. 0.004 min
Lab File: VU045369.D
Acq: 22 Oct 2021 16:59

Instrument :
MSVOA_U
ClientSampleId :
WC-2A-ID

Tgt Ion:117 Resp: 385398
Ion Ratio Lower Upper
117 100
82 59.7 47.8 71.8
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045369.D
Acq: 22 Oct 2021 16:59

Tgt Ion:152 Resp: 171788
Ion Ratio Lower Upper
152 100
115 62.5 43.5 130.7
150 156.1 0.0 350.0

