

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045928.D
 Acq On : 22 Nov 2021 20:32
 Operator : SY/MD
 Sample : M4770-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CC-4

Quant Time: Nov 23 05:19:55 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)

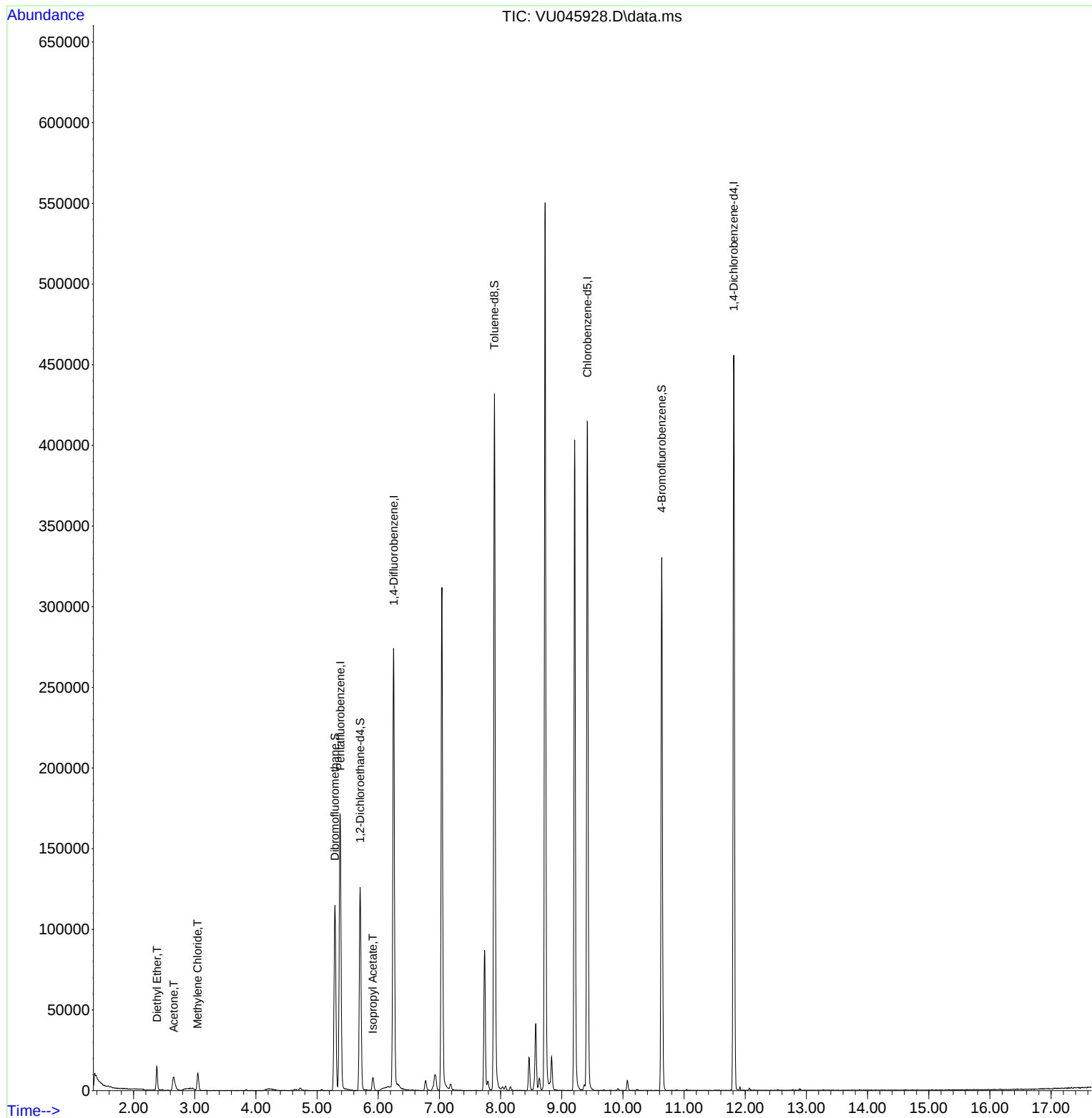
Internal Standards						
1) Pentafluorobenzene	5.378	168	116736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	215512	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	235706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	115922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	92167	52.719	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117		Recovery	= 105.440%	
35) Dibromofluoromethane	5.292	113	73442	51.042	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124		Recovery	= 102.080%	
50) Toluene-d8	7.899	98	292177	54.609	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112		Recovery	= 109.220%	
62) 4-Bromofluorobenzene	10.636	95	111229	51.843	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123		Recovery	= 103.680%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.382	74	5373	6.085	ug/l	99
16) Acetone	2.655	43	16309	18.326	ug/l	98
20) Methylene Chloride	3.047	84	5424	3.508	ug/l	86
43) Isopropyl Acetate	5.912	43	8711	2.359	ug/l	98

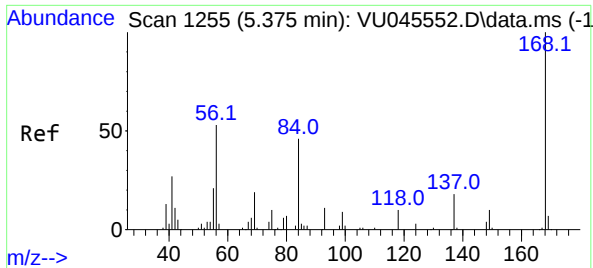
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

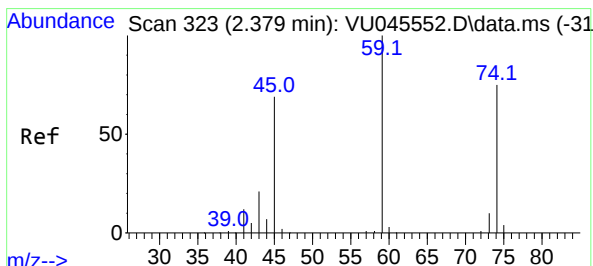
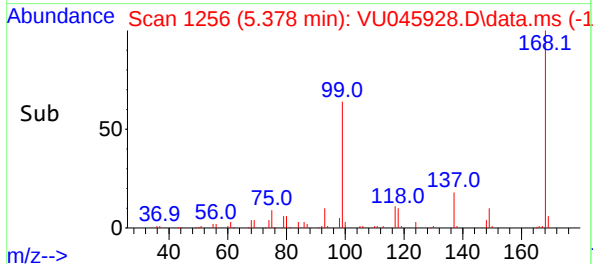
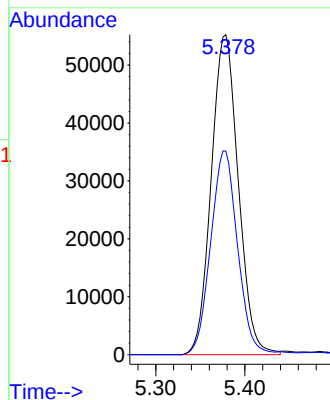
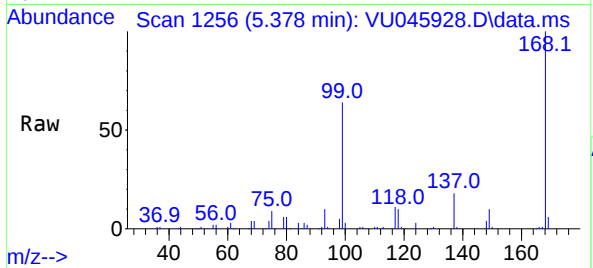




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045928.D
Acq: 22 Nov 2021 20:32

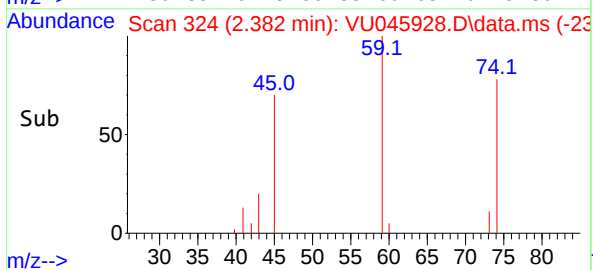
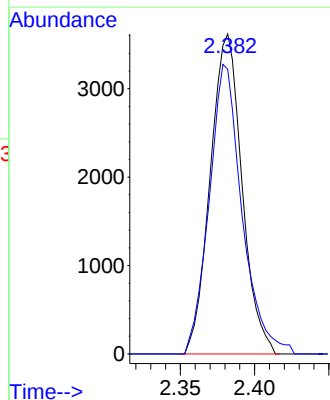
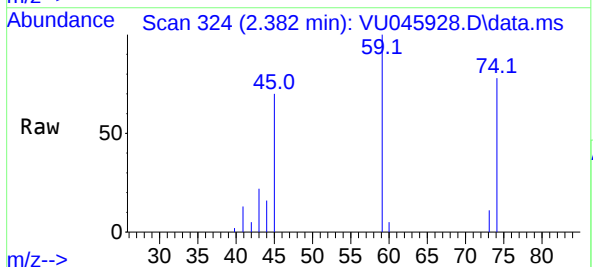
Instrument :
MSVOA_U
ClientSampleId :
CC-4

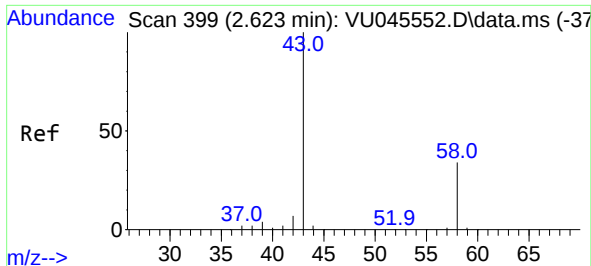
Tgt Ion:168 Resp: 116736
Ion Ratio Lower Upper
168 100
99 63.7 51.0 76.6



#8
Diethyl Ether
Concen: 6.085 ug/l
RT: 2.382 min Scan# 324
Delta R.T. 0.003 min
Lab File: VU045928.D
Acq: 22 Nov 2021 20:32

Tgt Ion: 74 Resp: 5373
Ion Ratio Lower Upper
74 100
45 93.7 47.3 141.8





#16

Acetone

Concen: 18.326 ug/l

RT: 2.655 min Scan# 409

Delta R.T. 0.032 min

Lab File: VU045928.D

Acq: 22 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

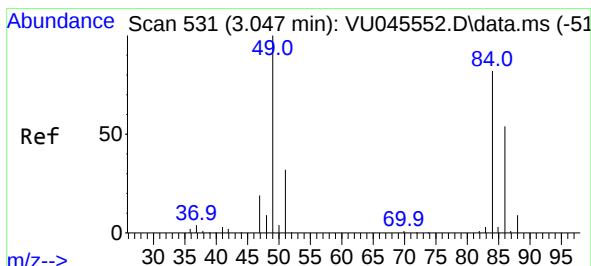
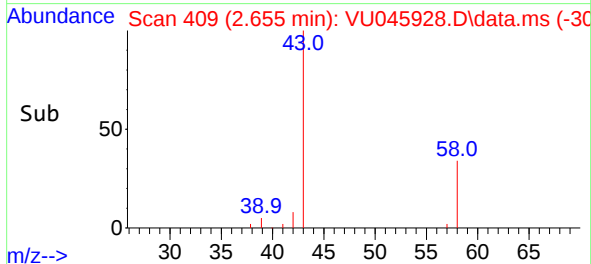
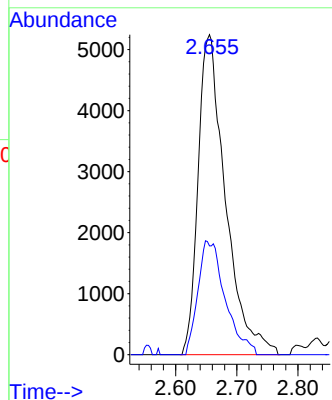
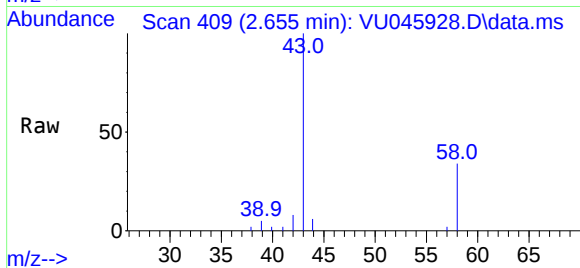
CC-4

Tgt Ion: 43 Resp: 16309

Ion Ratio Lower Upper

43 100

58 34.0 26.2 39.2



#20

Methylene Chloride

Concen: 3.508 ug/l

RT: 3.047 min Scan# 531

Delta R.T. -0.000 min

Lab File: VU045928.D

Acq: 22 Nov 2021 20:32

Tgt Ion: 84 Resp: 5424

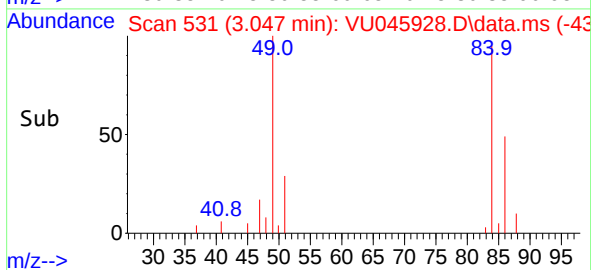
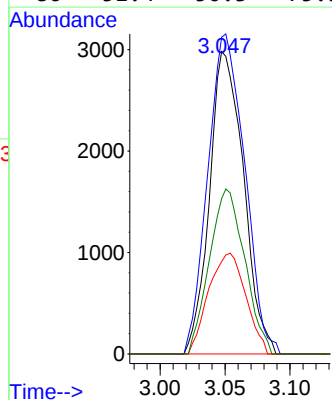
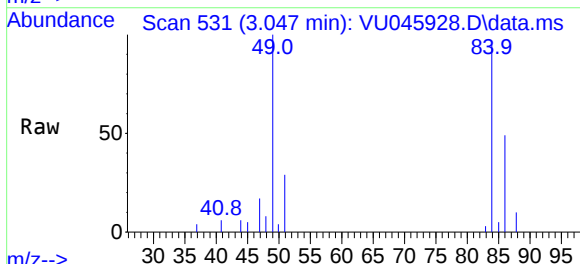
Ion Ratio Lower Upper

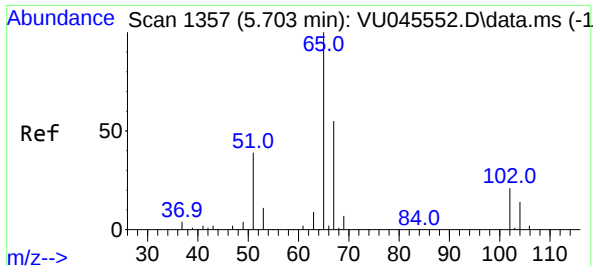
84 100

49 104.8 96.4 144.6

51 30.5 30.5 45.7

86 51.4 50.3 75.5

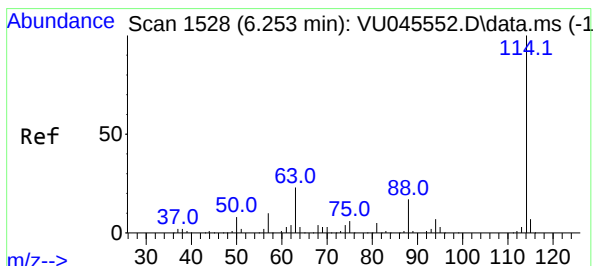
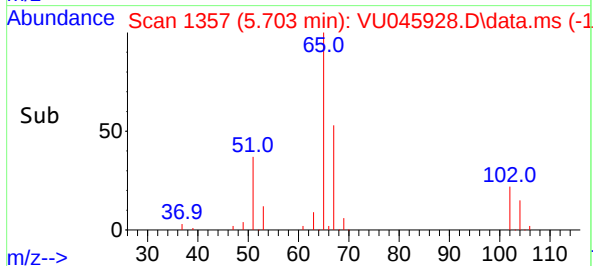
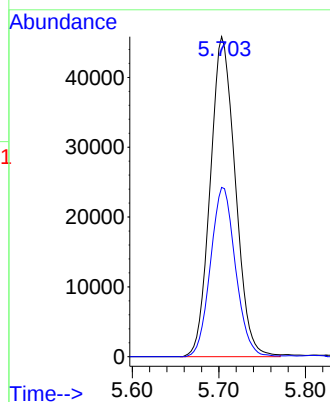
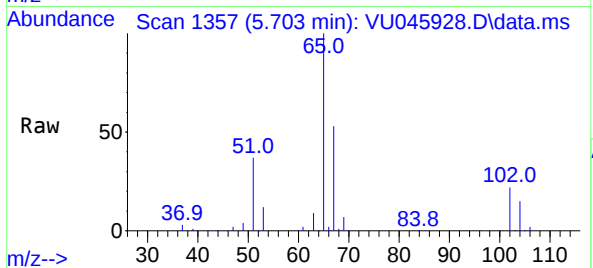




#33
1,2-Dichloroethane-d4
Concen: 52.719 ug/l
RT: 5.703 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045928.D
Acq: 22 Nov 2021 20:32

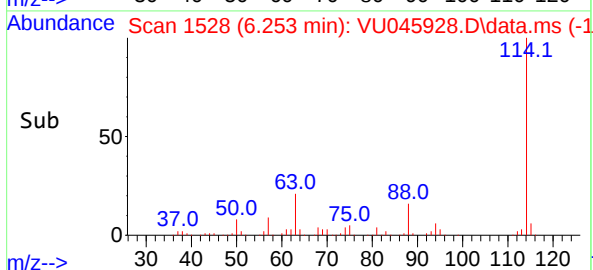
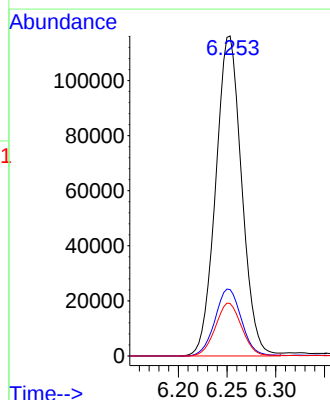
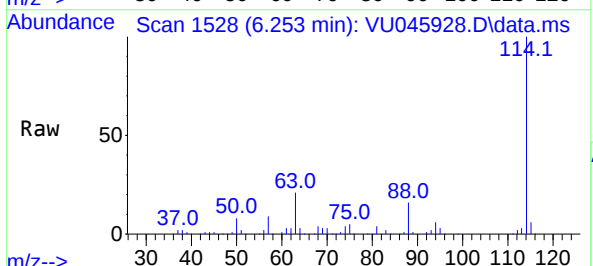
Instrument :
MSVOA_U
ClientSampleId :
CC-4

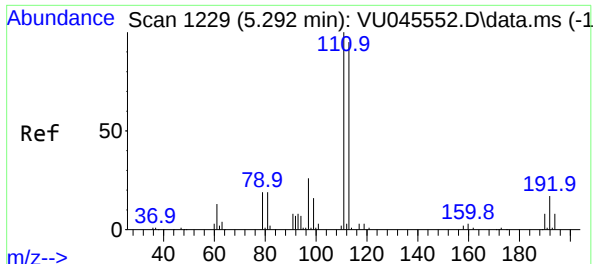
Tgt Ion: 65 Resp: 92167
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045928.D
Acq: 22 Nov 2021 20:32

Tgt Ion: 114 Resp: 215512
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.6
88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.042 ug/l

RT: 5.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045928.D

Acq: 22 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

CC-4

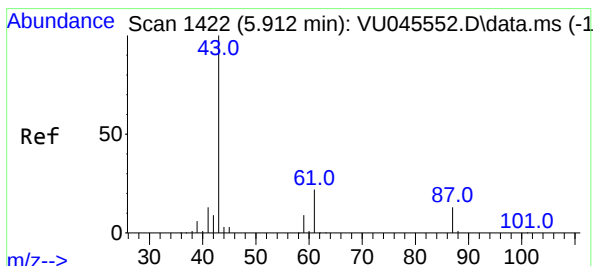
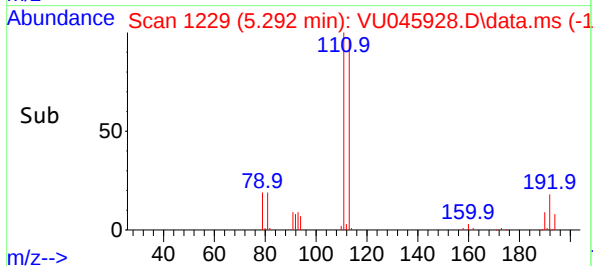
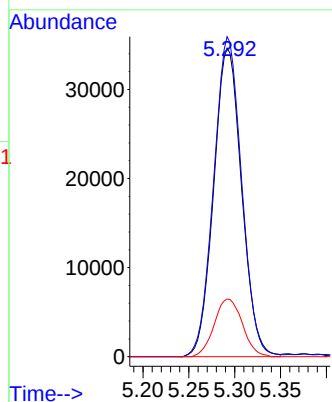
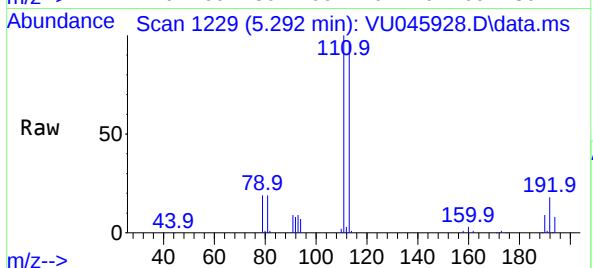
Tgt Ion:113 Resp: 73442

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 18.9 14.8 22.2



#43

Isopropyl Acetate

Concen: 2.359 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045928.D

Acq: 22 Nov 2021 20:32

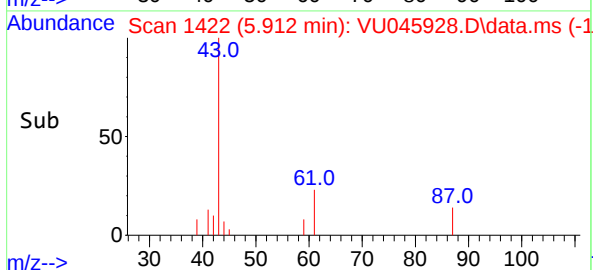
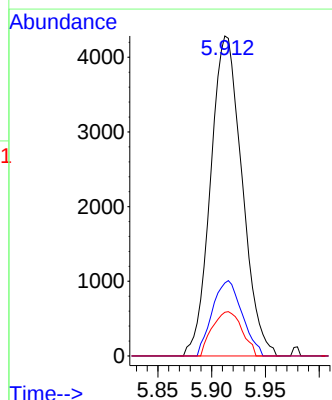
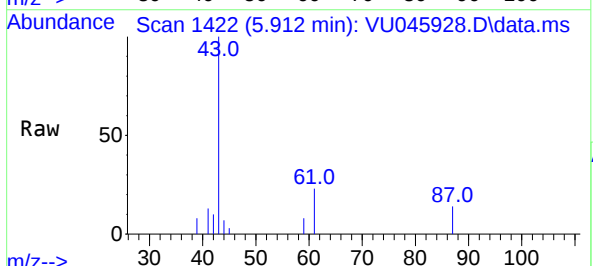
Tgt Ion: 43 Resp: 8711

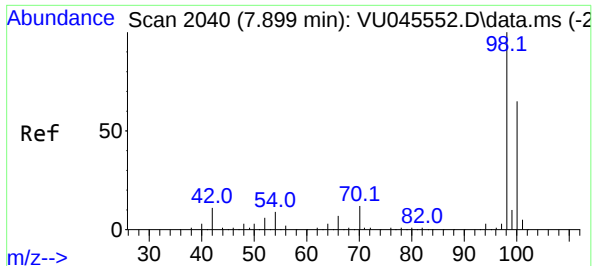
Ion Ratio Lower Upper

43 100

61 22.3 16.9 25.3

87 13.1 11.0 16.4

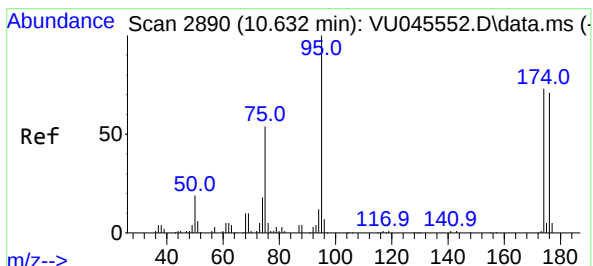
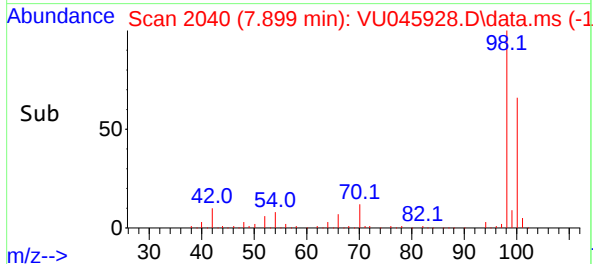
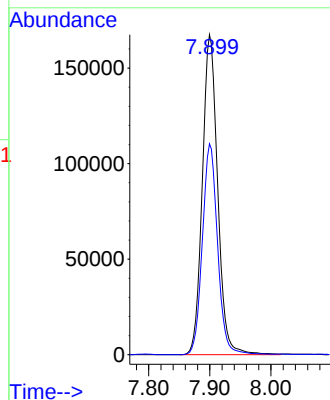
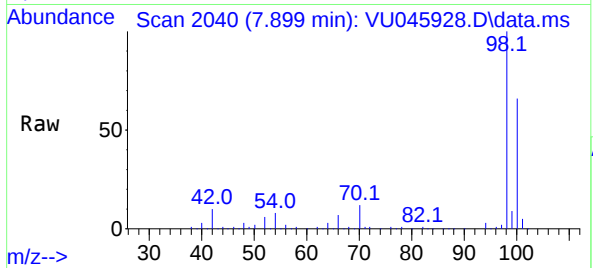




#50
Toluene-d8
Concen: 54.609 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045928.D
Acq: 22 Nov 2021 20:32

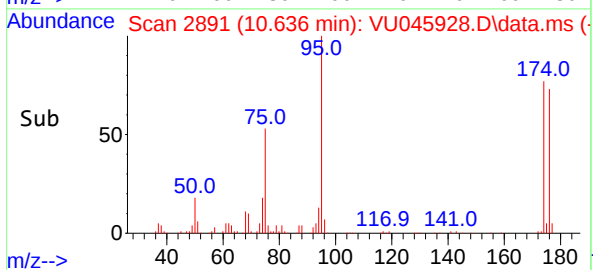
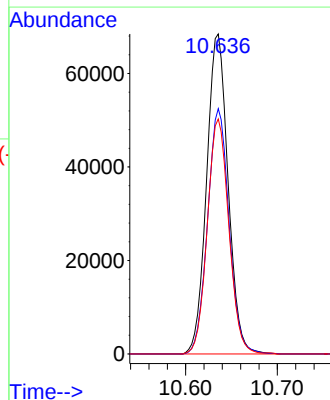
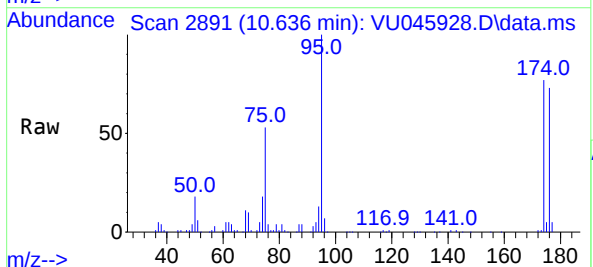
Instrument :
MSVOA_U
ClientSampleId :
CC-4

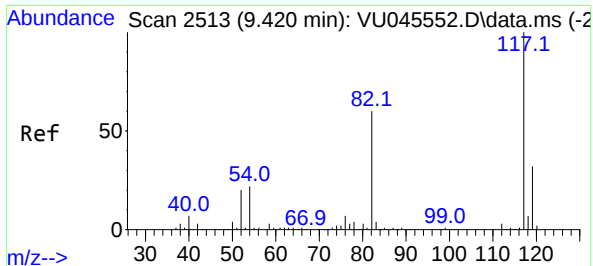
Tgt Ion: 98 Resp: 292177
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.843 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045928.D
Acq: 22 Nov 2021 20:32

Tgt Ion: 95 Resp: 111229
Ion Ratio Lower Upper
95 100
174 76.7 0.0 141.8
176 73.7 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU045928.D

Acq: 22 Nov 2021 20:32

Instrument :

MSVOA_U

ClientSampleId :

CC-4

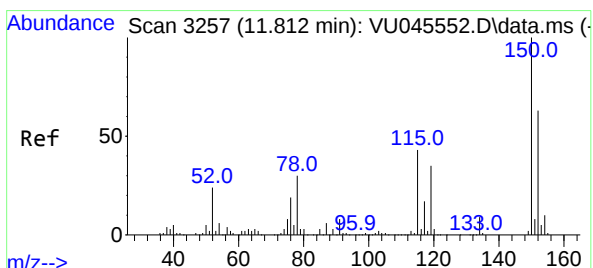
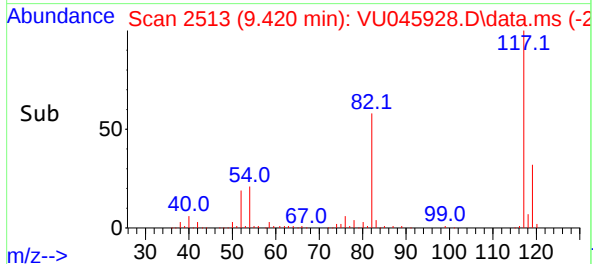
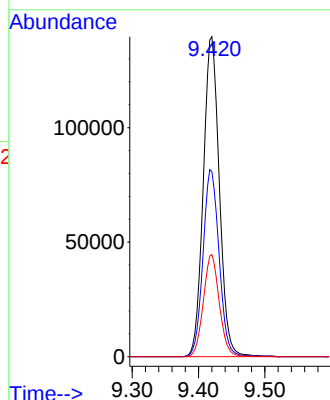
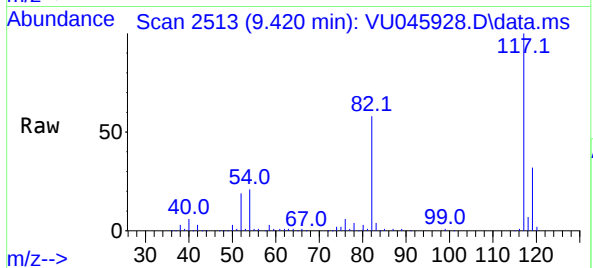
Tgt Ion:117 Resp: 235706

Ion Ratio Lower Upper

117 100

82 57.8 47.8 71.8

119 31.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.812 min Scan# 3257

Delta R.T. 0.000 min

Lab File: VU045928.D

Acq: 22 Nov 2021 20:32

Tgt Ion:152 Resp: 115922

Ion Ratio Lower Upper

152 100

115 62.6 42.7 128.1

150 158.7 0.0 346.8

