

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045505.D
 Acq On : 01 Nov 2021 22:22
 Operator : SY/MD
 Sample : M4438-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FDR-20211101-WC-L

Quant Time: Nov 02 07:38:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

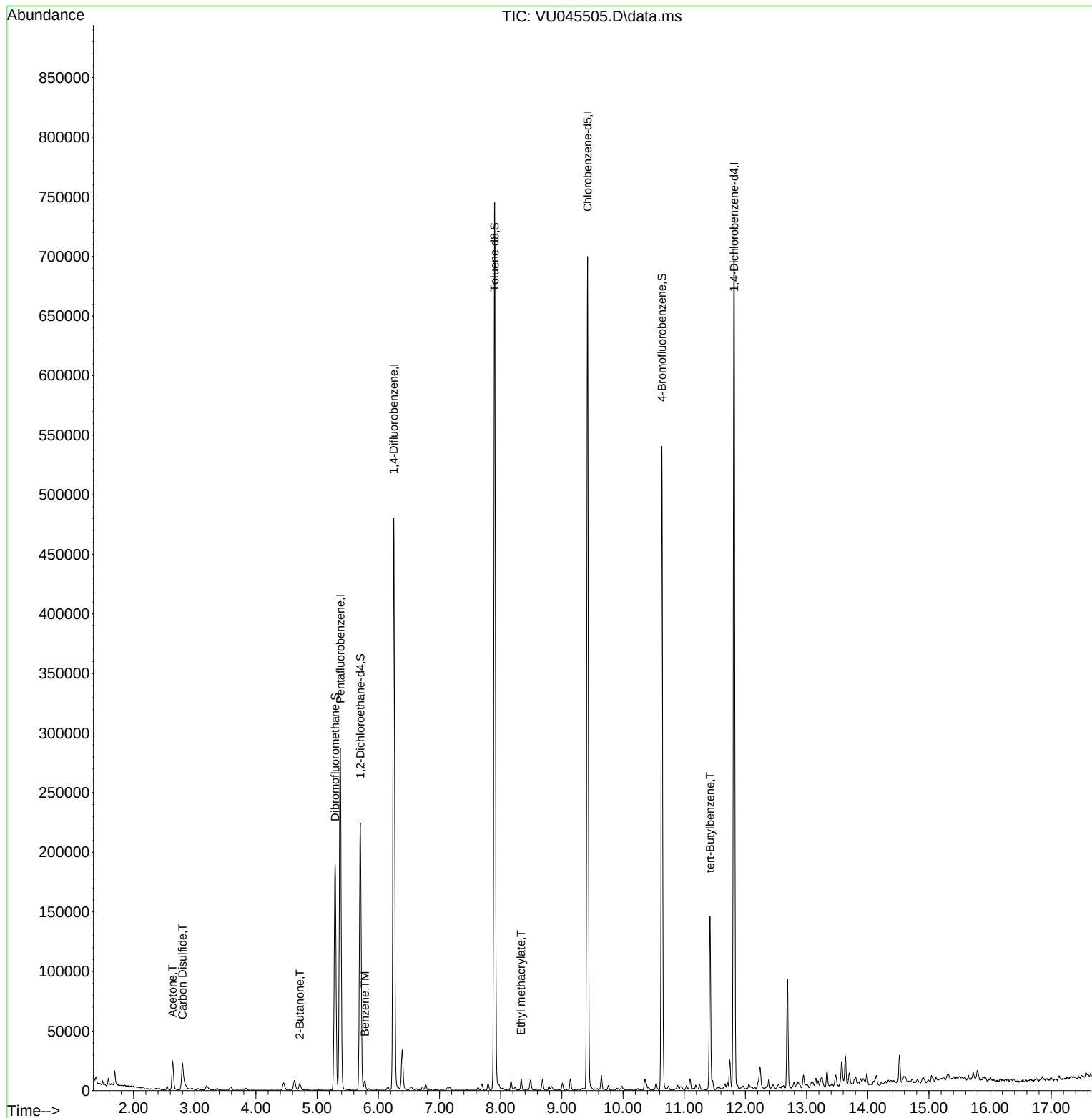
Internal Standards						
1) Pentafluorobenzene	5.378	168	193085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	381565	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	374359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	182865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	165744	52.726	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.460%	
35) Dibromofluoromethane	5.295	113	123177	50.770	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.540%	
50) Toluene-d8	7.902	98	492948	51.813	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.620%	
62) 4-Bromofluorobenzene	10.635	95	186770	51.517	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.040%	
Target Compounds						
					Qvalue	
16) Acetone	2.639	43	30589	21.434	ug/l	100
17) Carbon Disulfide	2.800	76	17029	2.653	ug/l	99
25) 2-Butanone	4.716	43	8679	4.029	ug/l	98
40) Benzene	5.780	78	6834	0.625	ug/l	94
56) Ethyl methacrylate	8.333	69	4936	2.602	ug/l	98
83) tert-Butylbenzene	11.423	119	66785	6.668	ug/l	91

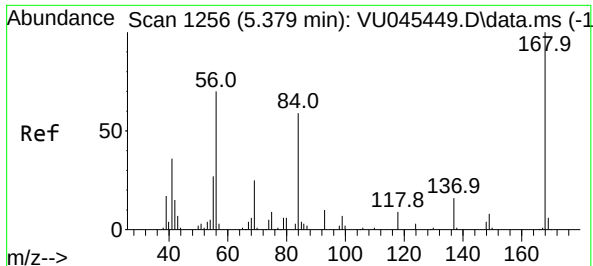
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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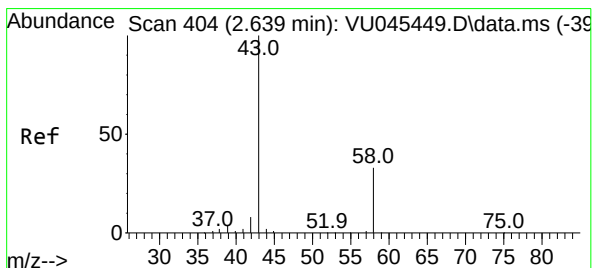
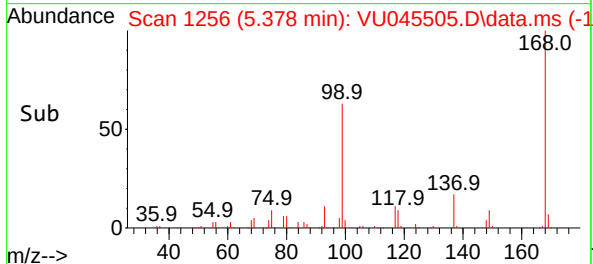
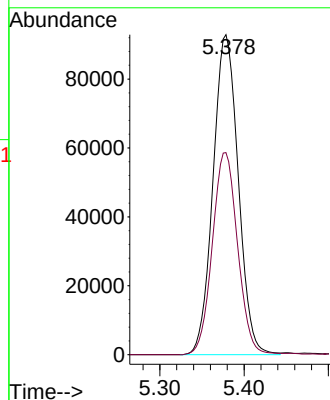
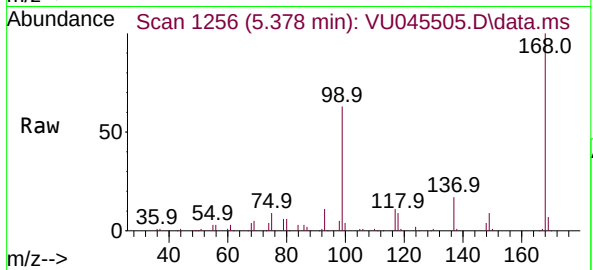




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045505.D
Acq: 01 Nov 2021 22:22

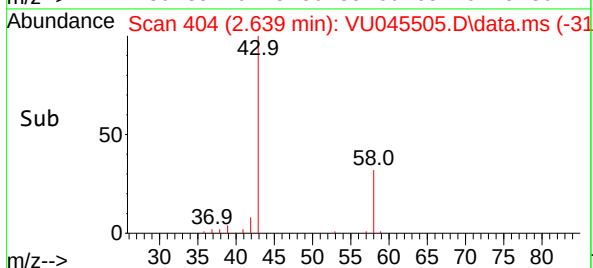
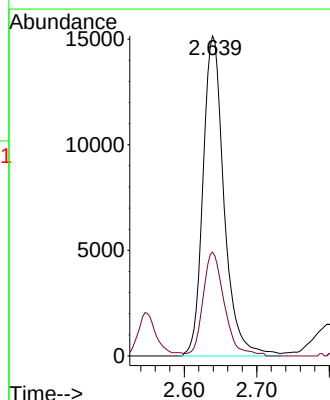
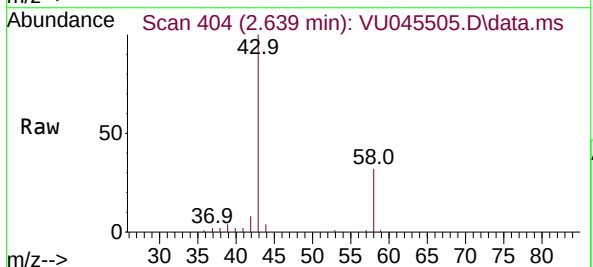
Instrument :
MSVOA_U
ClientSampleId :
FDR-20211101-WC-L

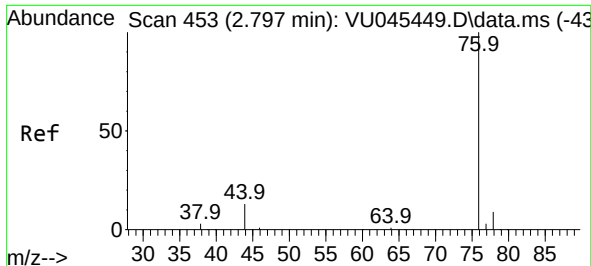
Tgt Ion:168 Resp: 193085
Ion Ratio Lower Upper
168 100
99 63.2 51.0 76.6



#16
Acetone
Concen: 21.434 ug/l
RT: 2.639 min Scan# 404
Delta R.T. -0.000 min
Lab File: VU045505.D
Acq: 01 Nov 2021 22:22

Tgt Ion: 43 Resp: 30589
Ion Ratio Lower Upper
43 100
58 32.4 26.2 39.2

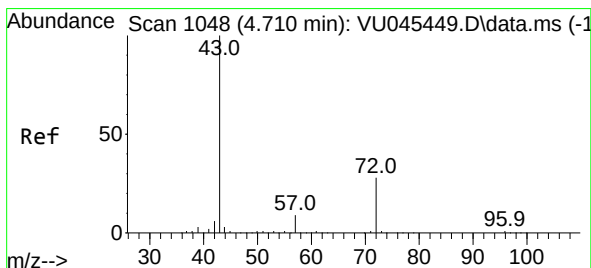
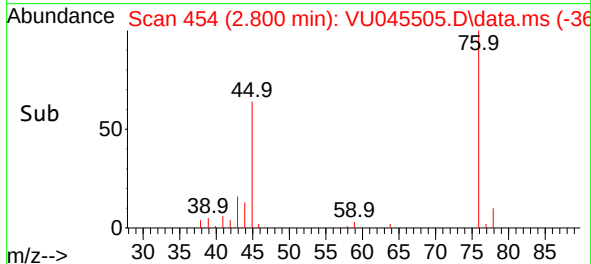
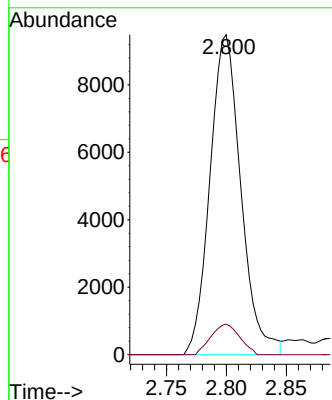
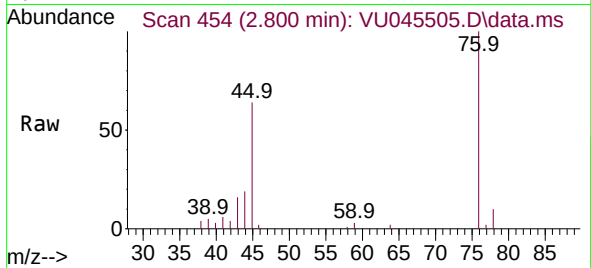




#17
Carbon Disulfide
Concen: 2.653 ug/l
RT: 2.800 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU045505.D
Acq: 01 Nov 2021 22:22

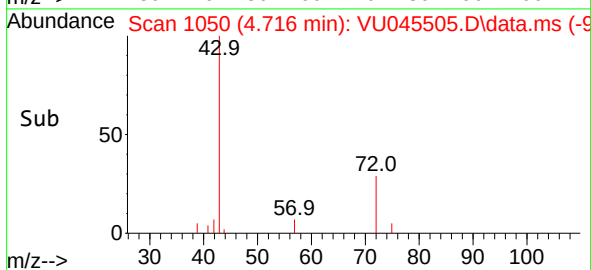
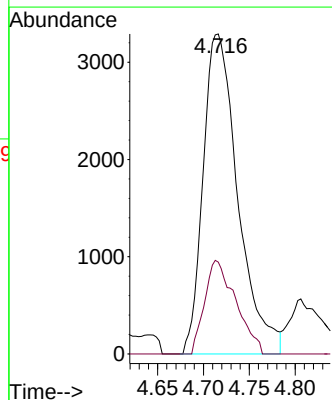
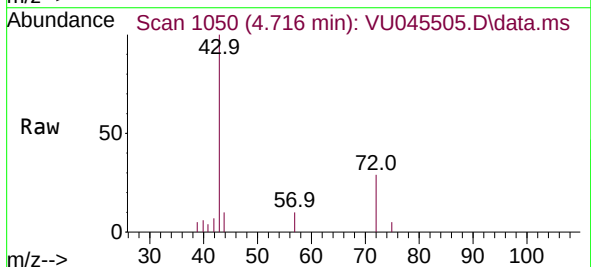
Instrument :
MSVOA_U
ClientSampleId :
FDR-20211101-WC-L

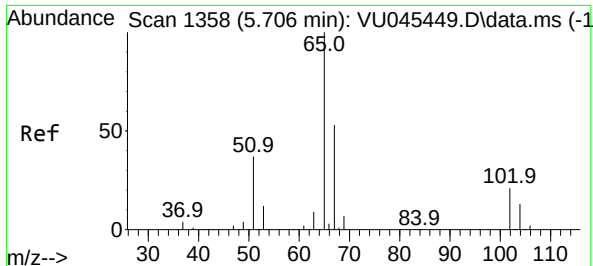
Tgt Ion: 76 Resp: 17029
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#25
2-Butanone
Concen: 4.029 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VU045505.D
Acq: 01 Nov 2021 22:22

Tgt Ion: 43 Resp: 8679
Ion Ratio Lower Upper
43 100
72 28.7 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 52.726 ug/l

RT: 5.706 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045505.D

Acq: 01 Nov 2021 22:22

Instrument :

MSVOA_U

ClientSampleId :

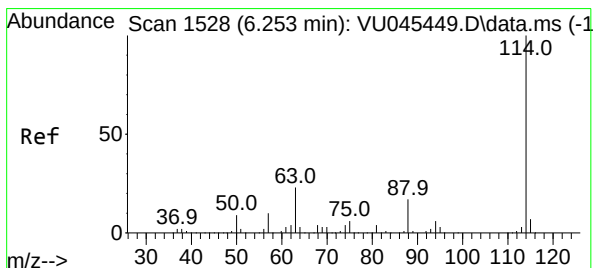
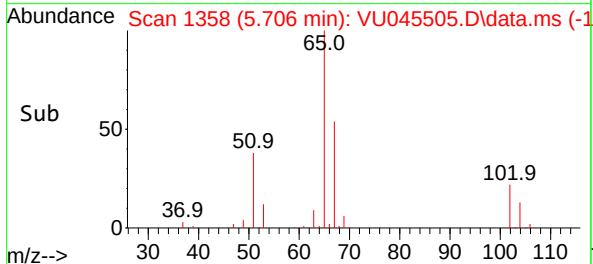
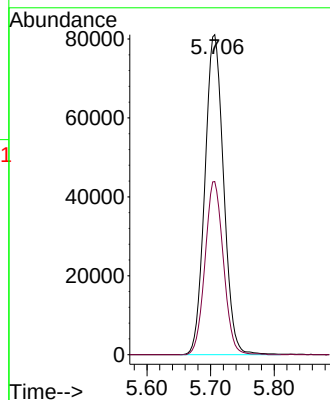
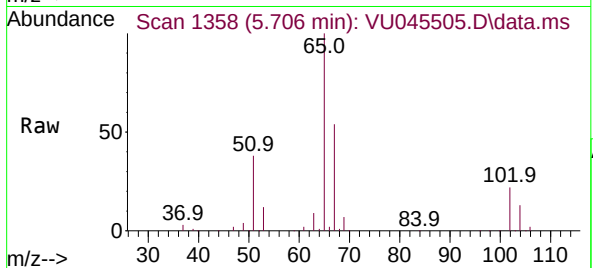
FDR-20211101-WC-L

Tgt Ion: 65 Resp: 165744

Ion Ratio Lower Upper

65 100

67 52.8 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: VU045505.D

Acq: 01 Nov 2021 22:22

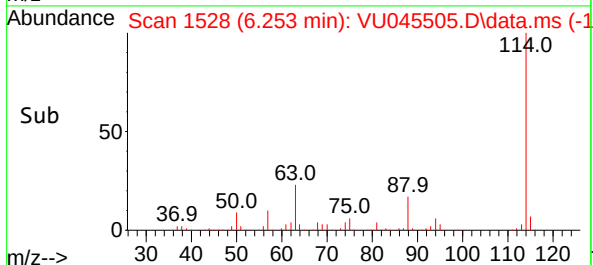
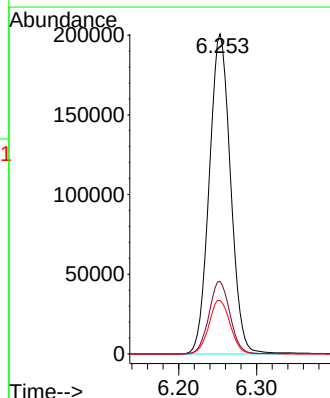
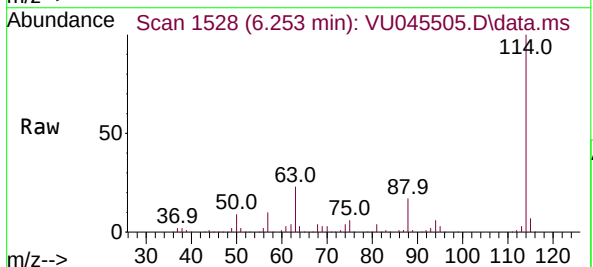
Tgt Ion: 114 Resp: 381565

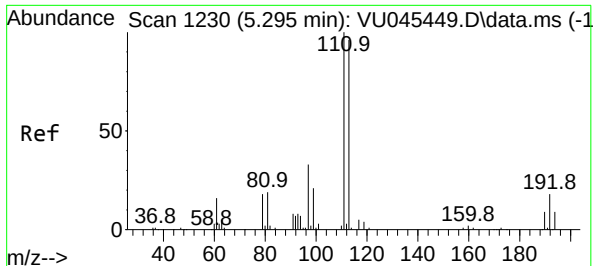
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.6

88 16.7 0.0 33.8

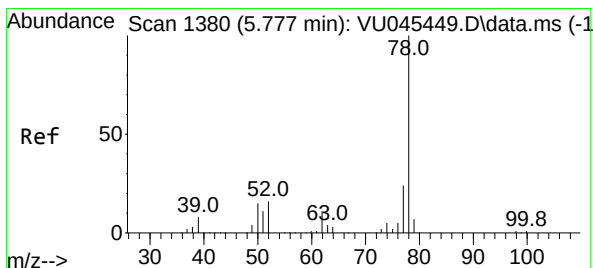
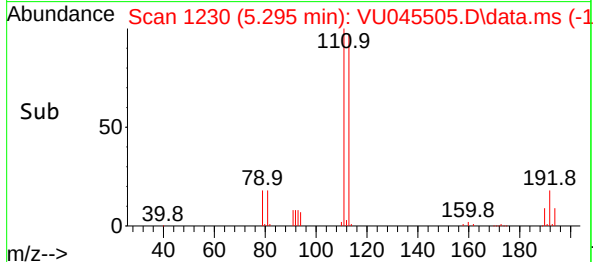
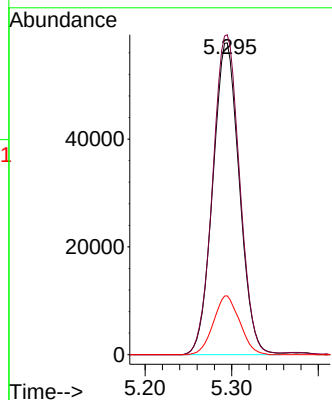
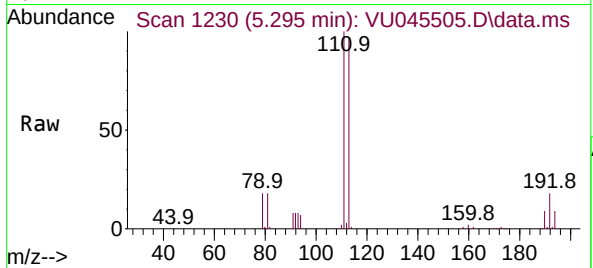




#35
Dibromofluoromethane
Concen: 50.770 ug/l
RT: 5.295 min Scan# 113
Delta R.T. -0.000 min
Lab File: VU045505.D
Acq: 01 Nov 2021 22:22

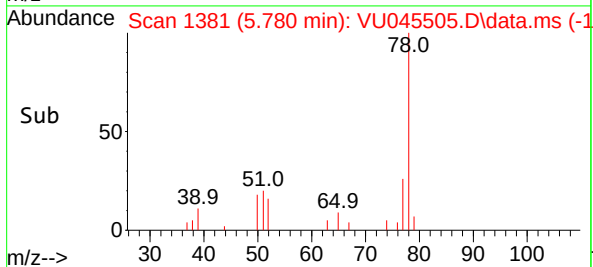
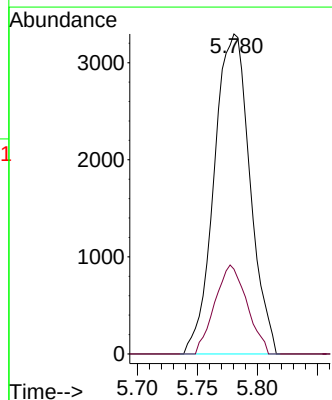
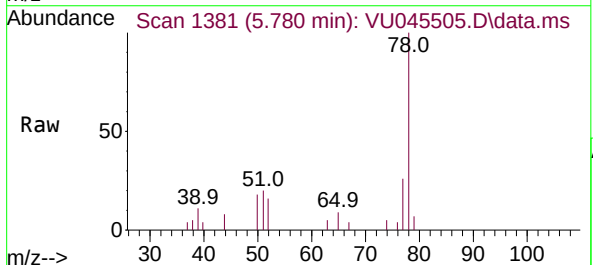
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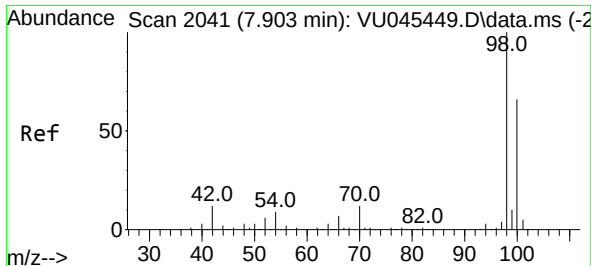
Tgt Ion:113 Resp: 123177
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 18.7 14.8 22.2



#40
Benzene
Concen: 0.625 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045505.D
Acq: 01 Nov 2021 22:22

Tgt Ion: 78 Resp: 6834
Ion Ratio Lower Upper
78 100
77 26.5 19.0 28.4

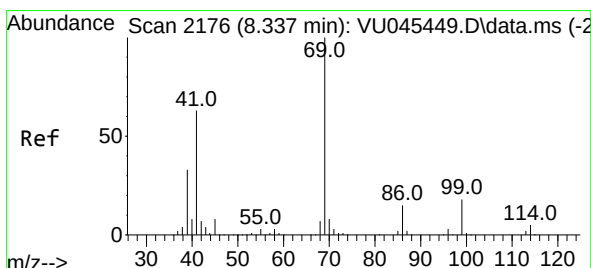
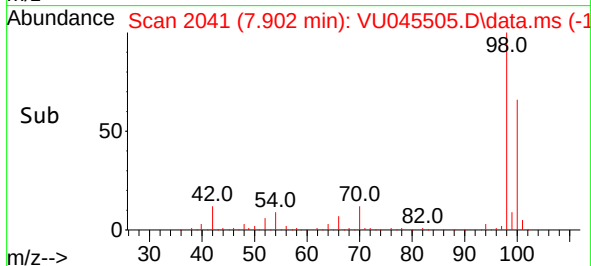
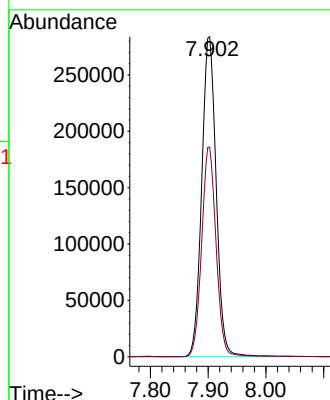
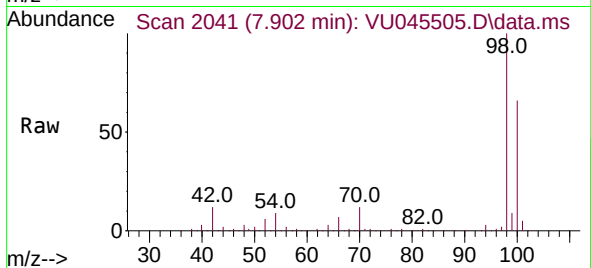




#50
Toluene-d8
Concen: 51.813 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU045505.D
Acq: 01 Nov 2021 22:22

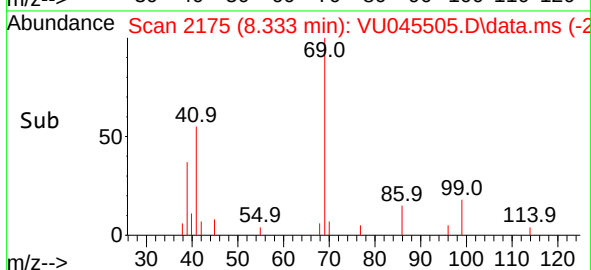
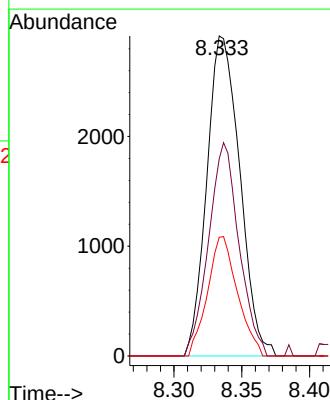
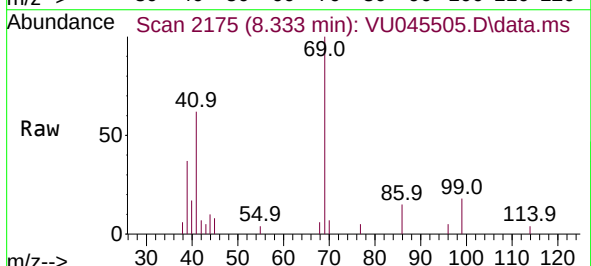
Instrument :
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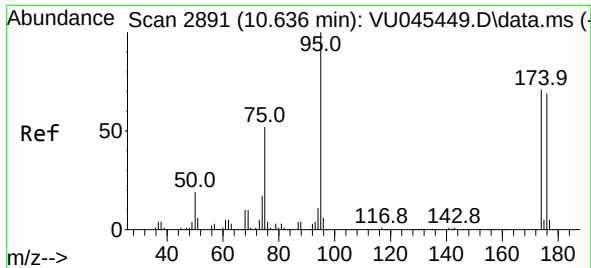
Tgt Ion: 98 Resp: 492948
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#56
Ethyl methacrylate
Concen: 2.602 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.004 min
Lab File: VU045505.D
Acq: 01 Nov 2021 22:22

Tgt Ion: 69 Resp: 4936
Ion Ratio Lower Upper
69 100
41 61.6 51.0 76.4
39 33.9 26.6 39.8





#62

4-Bromofluorobenzene

Concen: 51.517 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. -0.000 min

Lab File: VU045505.D

Acq: 01 Nov 2021 22:22

Instrument :

MSVOA_U

ClientSampleId :

FDR-20211101-WC-L

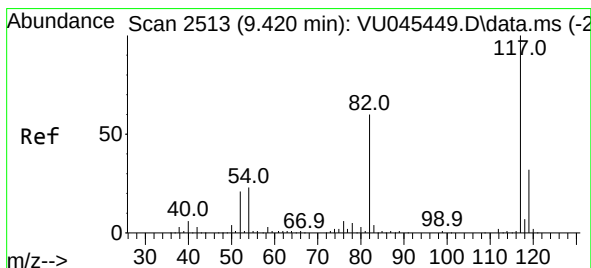
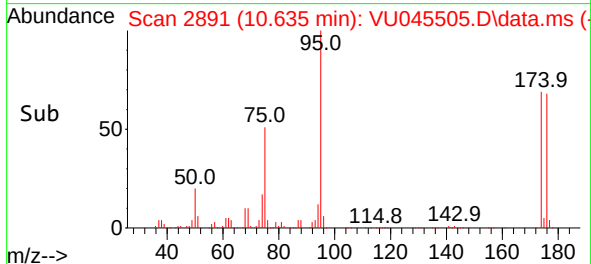
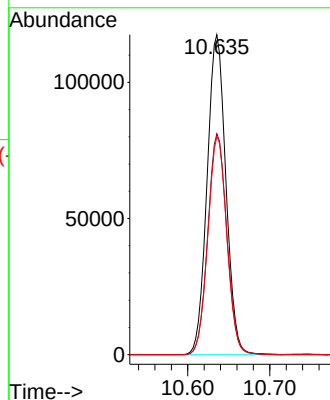
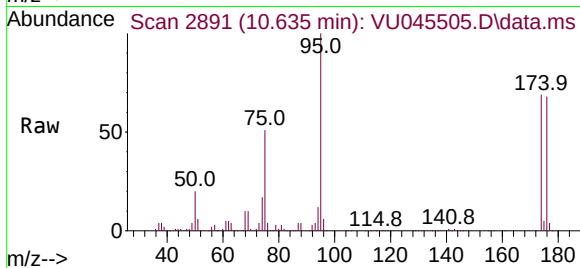
Tgt Ion: 95 Resp: 186770

Ion Ratio Lower Upper

95 100

174 70.0 0.0 141.8

176 68.6 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: VU045505.D

Acq: 01 Nov 2021 22:22

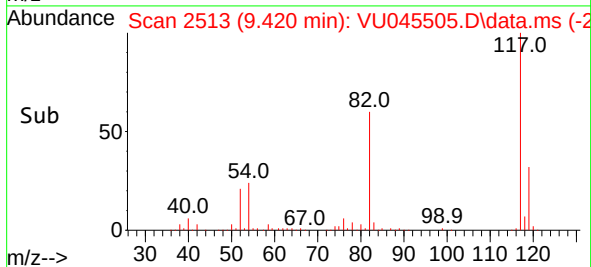
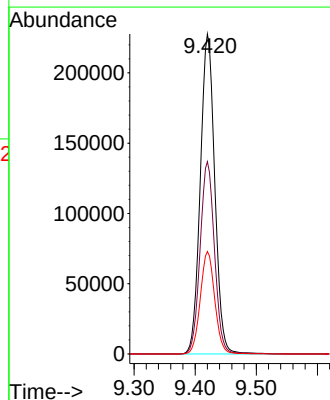
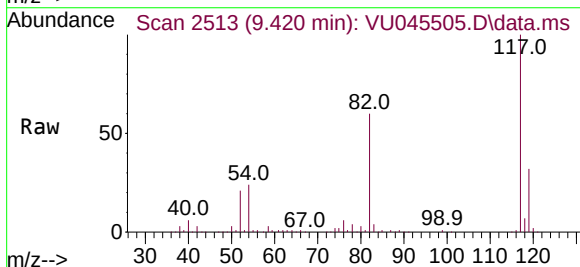
Tgt Ion: 117 Resp: 374359

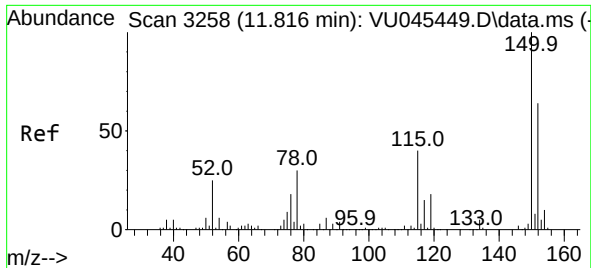
Ion Ratio Lower Upper

117 100

82 60.1 47.8 71.8

119 32.0 25.8 38.8

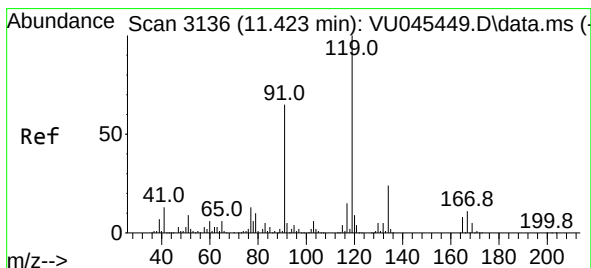
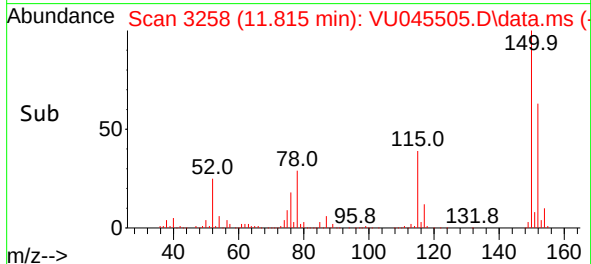
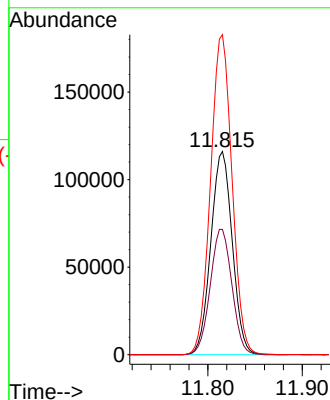
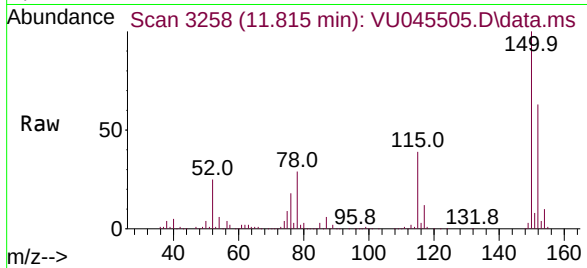




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3125
Delta R.T. -0.000 min
Lab File: VU045505.D
Acq: 01 Nov 2021 22:22

Instrument :
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ClientSampleId :
FDR-20211101-WC-L

Tgt Ion:152 Resp: 182865
Ion Ratio Lower Upper
152 100
115 62.4 42.7 128.1
150 157.4 0.0 346.8



#83
tert-Butylbenzene
Concen: 6.668 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045505.D
Acq: 01 Nov 2021 22:22

Tgt Ion:119 Resp: 66785
Ion Ratio Lower Upper
119 100
91 69.6 30.5 91.5
134 24.1 11.5 34.5

