

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045507.D
 Acq On : 01 Nov 2021 23:08
 Operator : SY/MD
 Sample : M4438-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 02 07:39:27 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)

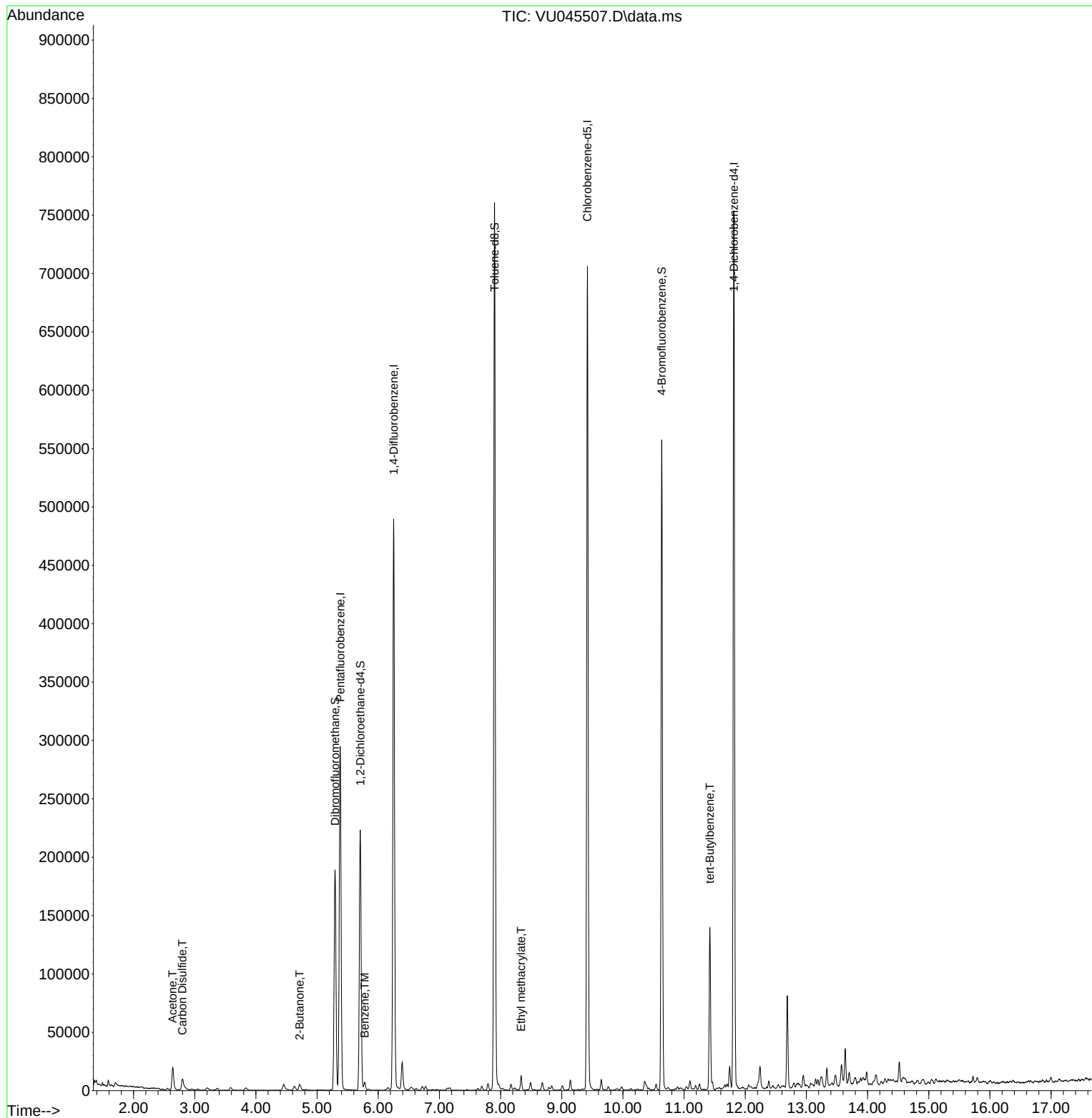
Internal Standards						
1) Pentafluorobenzene	5.378	168	194677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	390667	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	382086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	187159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	166120	52.414	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.820%	
35) Dibromofluoromethane	5.295	113	124102	49.960	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.920%	
50) Toluene-d8	7.902	98	498646	51.191	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.380%	
62) 4-Bromofluorobenzene	10.635	95	192351	51.821	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.640%	
Target Compounds						
					Qvalue	
16) Acetone	2.639	43	26285	18.268	ug/l	98
17) Carbon Disulfide	2.796	76	8059	1.245	ug/l	98
25) 2-Butanone	4.713	43	7930	3.651	ug/l	97
40) Benzene	5.780	78	5955	0.532	ug/l	93
56) Ethyl methacrylate	8.336	69	6522	2.881	ug/l	97
83) tert-Butylbenzene	11.423	119	63304	6.176	ug/l	89

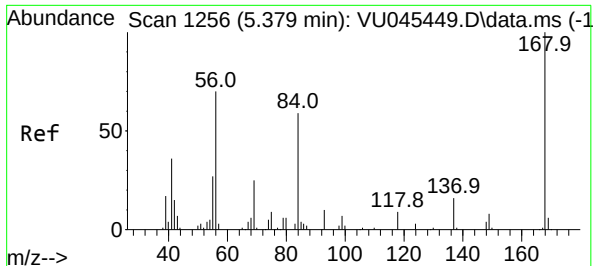
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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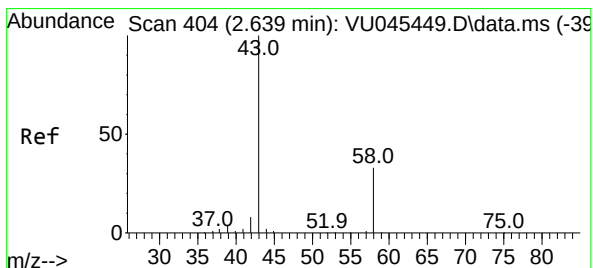
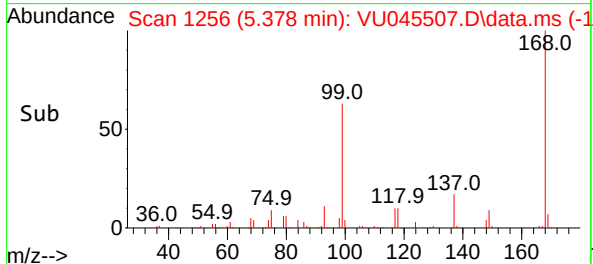
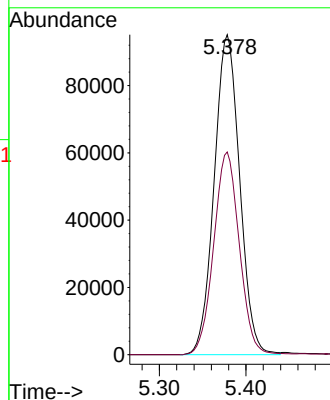
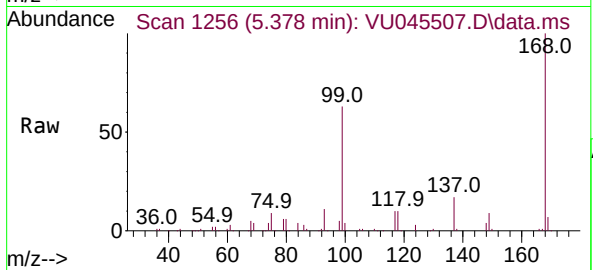




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU045507.D
Acq: 01 Nov 2021 23:08

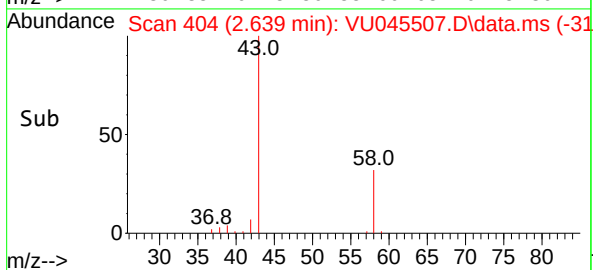
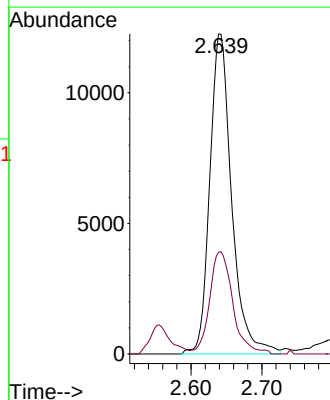
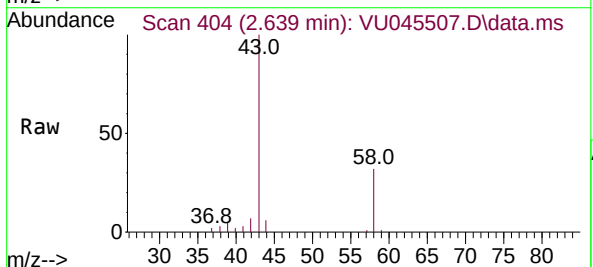
Instrument :
MSVOA_U
ClientSampleId :
FDR-20211101-WC-LS

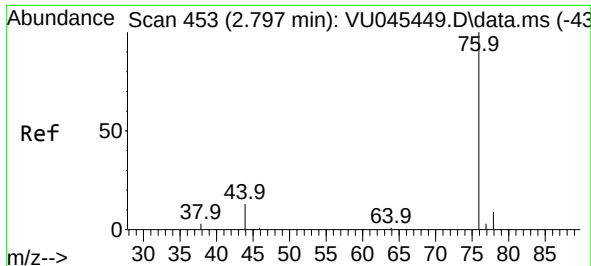
Tgt Ion:168 Resp: 194677
Ion Ratio Lower Upper
168 100
99 63.3 51.0 76.6



#16
Acetone
Concen: 18.268 ug/l
RT: 2.639 min Scan# 404
Delta R.T. -0.000 min
Lab File: VU045507.D
Acq: 01 Nov 2021 23:08

Tgt Ion: 43 Resp: 26285
Ion Ratio Lower Upper
43 100
58 31.8 26.2 39.2

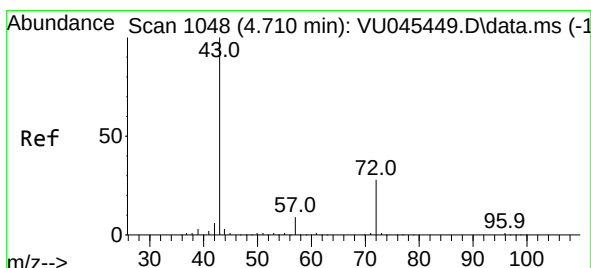
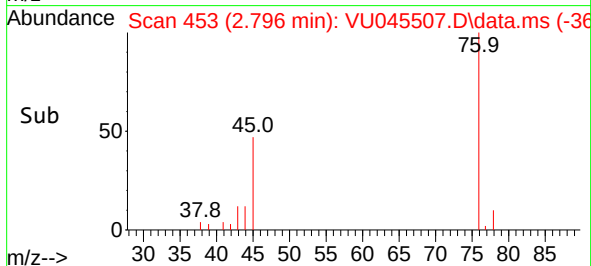
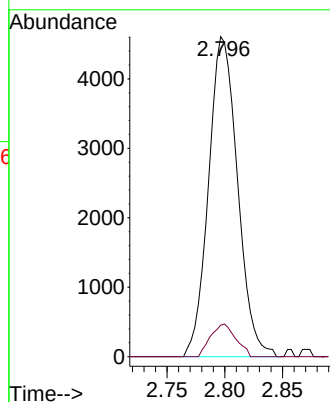
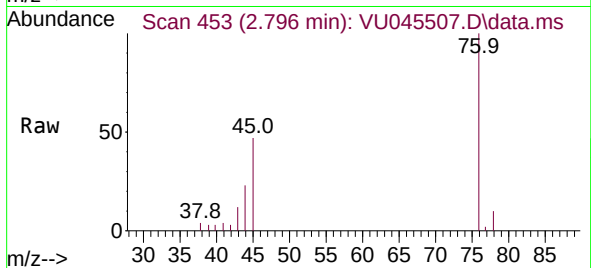




#17
Carbon Disulfide
Concen: 1.245 ug/l
RT: 2.796 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU045507.D
Acq: 01 Nov 2021 23:08

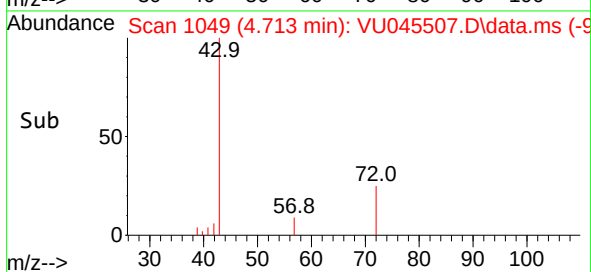
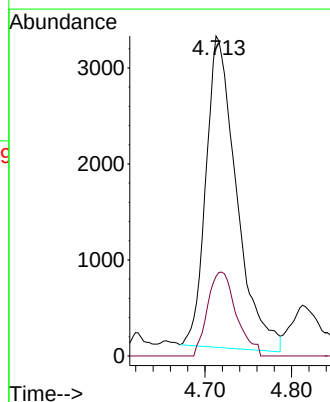
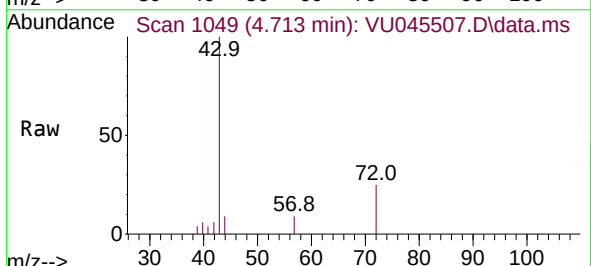
Instrument :
MSVOA_U
ClientSampleId :
FDR-20211101-WC-LS

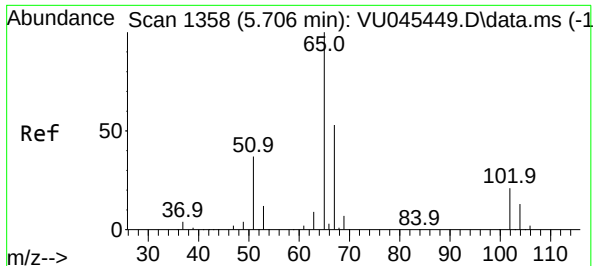
Tgt Ion: 76 Resp: 8059
Ion Ratio Lower Upper
76 100
78 9.9 7.3 10.9



#25
2-Butanone
Concen: 3.651 ug/l
RT: 4.713 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU045507.D
Acq: 01 Nov 2021 23:08

Tgt Ion: 43 Resp: 7930
Ion Ratio Lower Upper
43 100
72 25.8 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 52.414 ug/l

RT: 5.706 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045507.D

Acq: 01 Nov 2021 23:08

Instrument :

MSVOA_U

ClientSampleId :

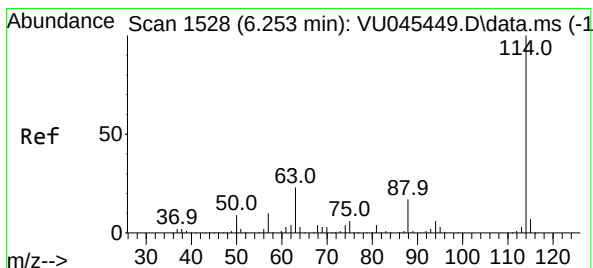
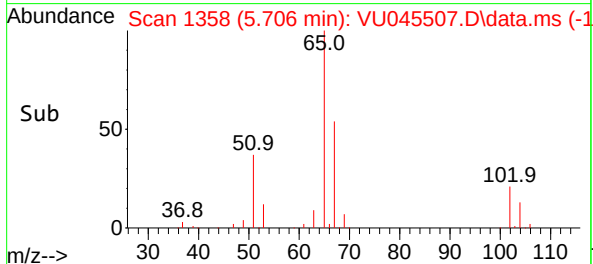
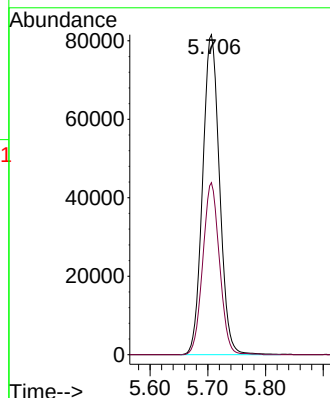
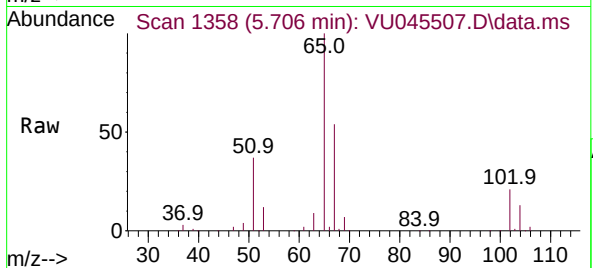
FDR-20211101-WC-LS

Tgt Ion: 65 Resp: 166120

Ion Ratio Lower Upper

65 100

67 52.9 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: VU045507.D

Acq: 01 Nov 2021 23:08

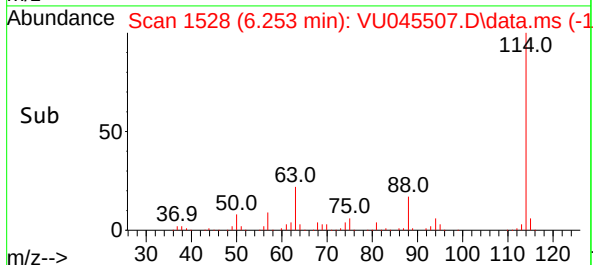
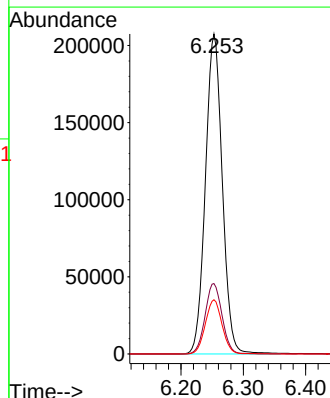
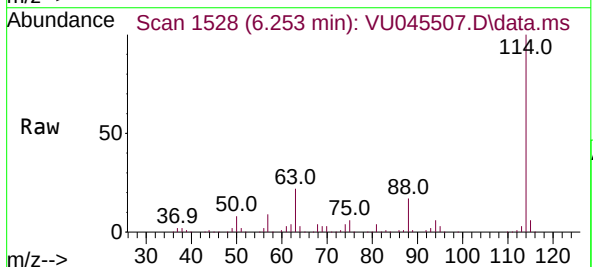
Tgt Ion: 114 Resp: 390667

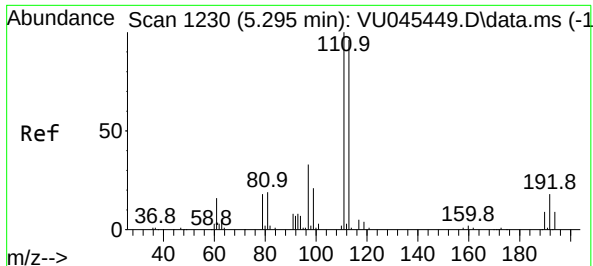
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.6

88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.960 ug/l

RT: 5.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045507.D

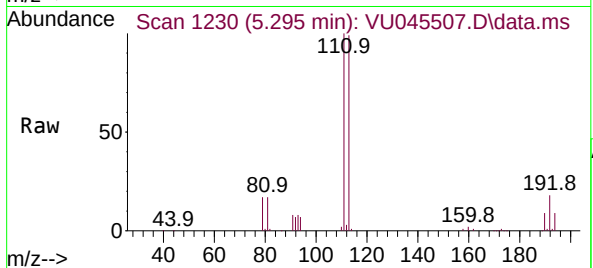
Acq: 01 Nov 2021 23:08

Instrument :

MSVOA_U

ClientSampleId :

FDR-20211101-WC-LS



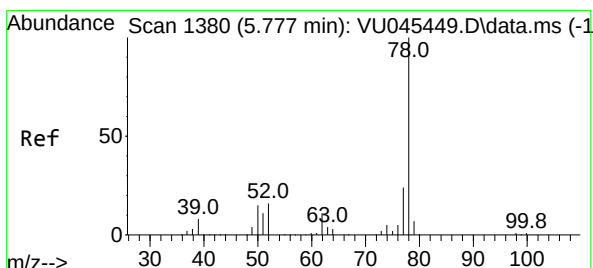
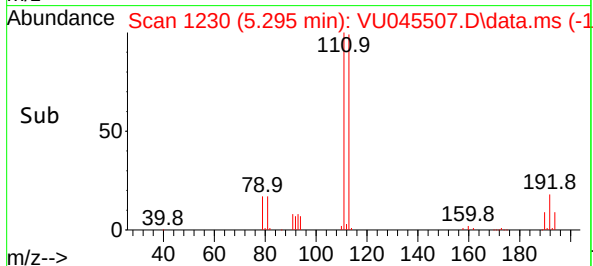
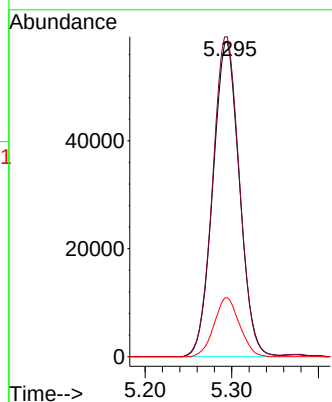
Tgt Ion:113 Resp: 124102

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 18.0 14.8 22.2



#40

Benzene

Concen: 0.532 ug/l

RT: 5.780 min Scan# 1381

Delta R.T. 0.003 min

Lab File: VU045507.D

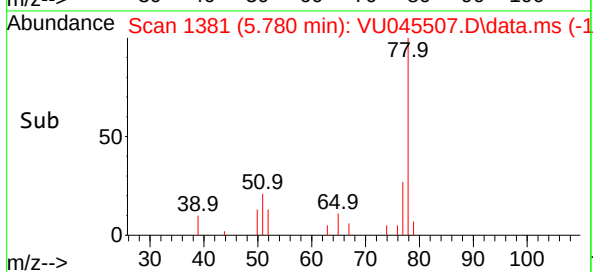
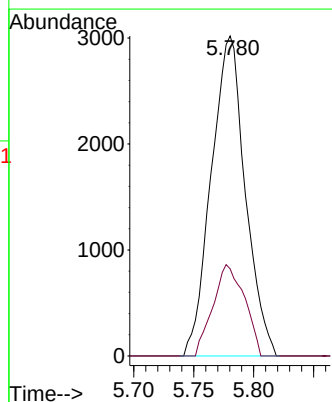
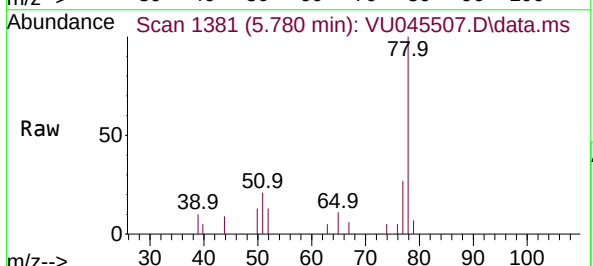
Acq: 01 Nov 2021 23:08

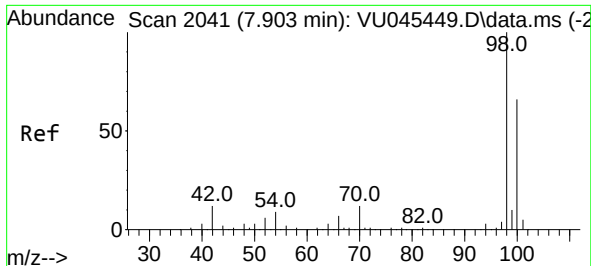
Tgt Ion: 78 Resp: 5955

Ion Ratio Lower Upper

78 100

77 27.3 19.0 28.4

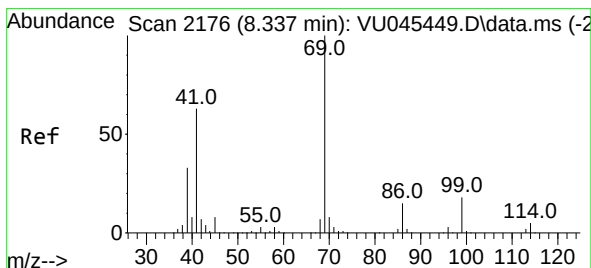
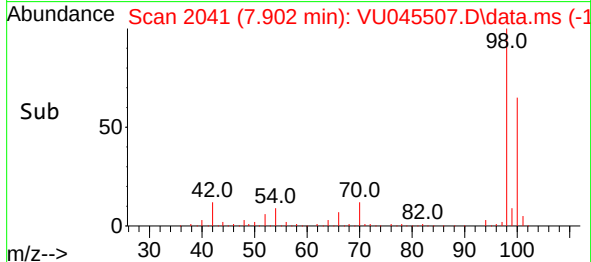
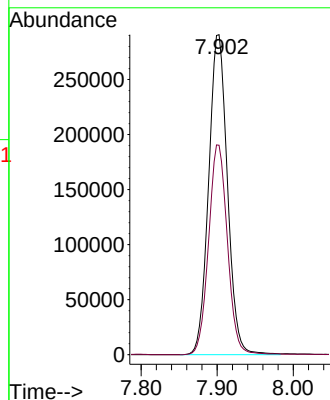
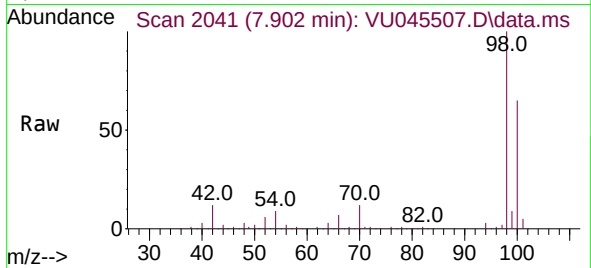




#50
Toluene-d8
Concen: 51.191 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VU045507.D
Acq: 01 Nov 2021 23:08

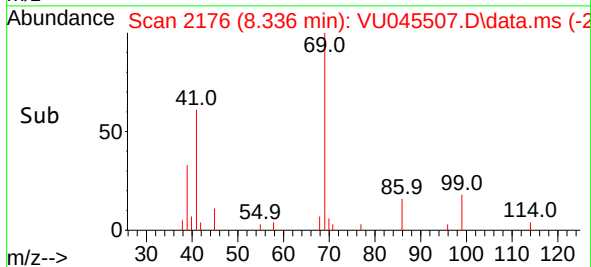
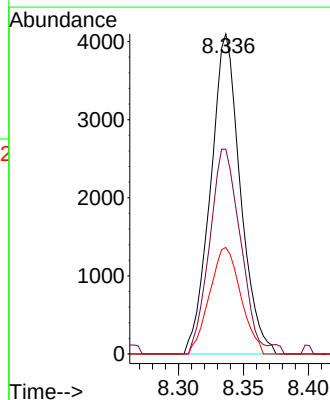
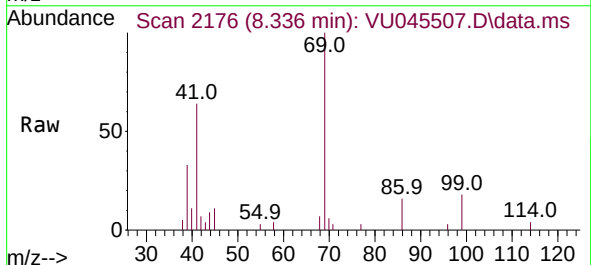
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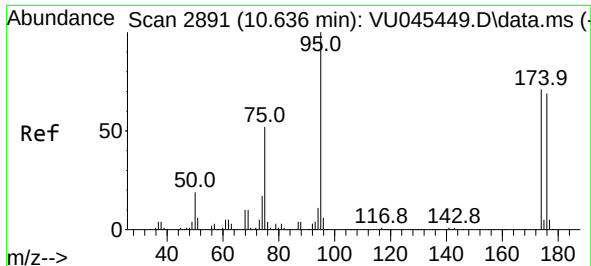
Tgt Ion: 98 Resp: 498646
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



#56
Ethyl methacrylate
Concen: 2.881 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. -0.001 min
Lab File: VU045507.D
Acq: 01 Nov 2021 23:08

Tgt Ion: 69 Resp: 6522
Ion Ratio Lower Upper
69 100
41 66.2 51.0 76.4
39 34.9 26.6 39.8

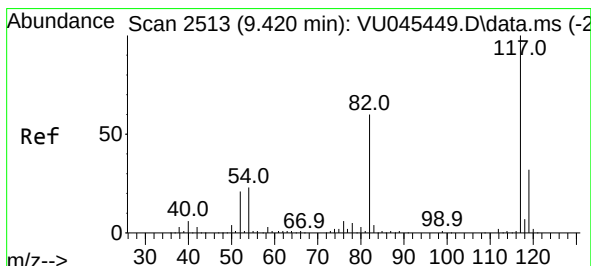
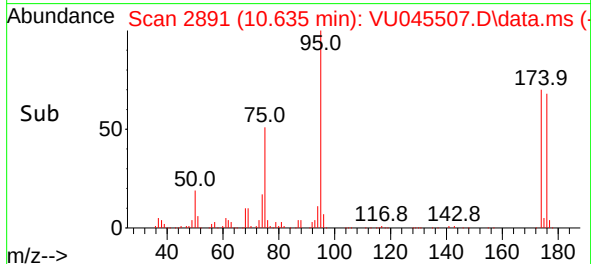
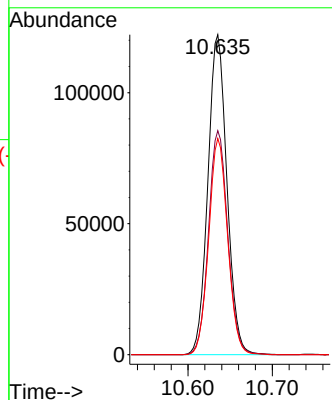
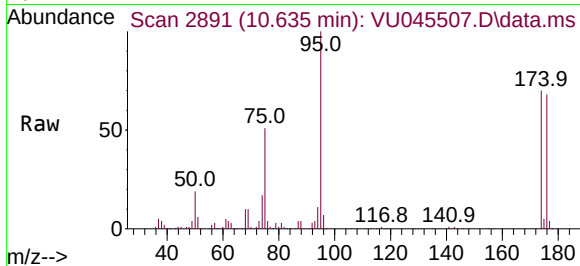




#62
4-Bromofluorobenzene
Concen: 51.821 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. -0.000 min
Lab File: VU045507.D
Acq: 01 Nov 2021 23:08

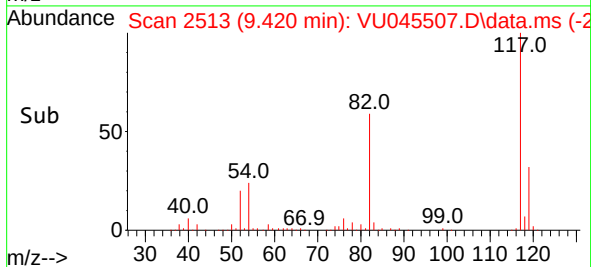
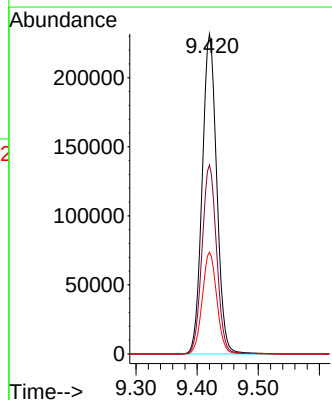
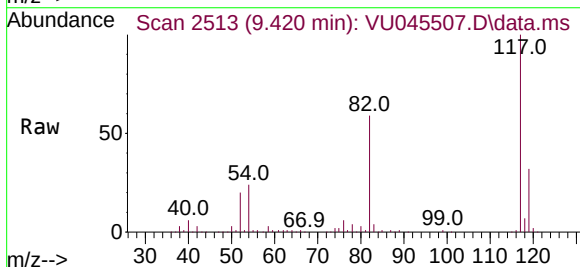
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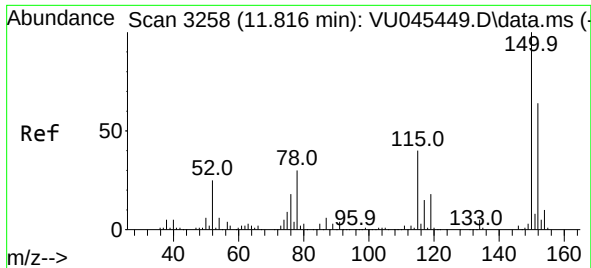
Tgt Ion: 95 Resp: 192351
Ion Ratio Lower Upper
95 100
174 70.8 0.0 141.8
176 67.1 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045507.D
Acq: 01 Nov 2021 23:08

Tgt Ion: 117 Resp: 382086
Ion Ratio Lower Upper
117 100
82 59.0 47.8 71.8
119 31.8 25.8 38.8

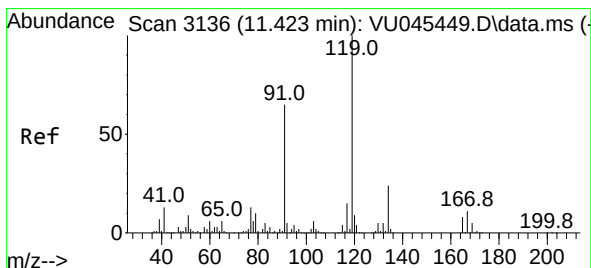
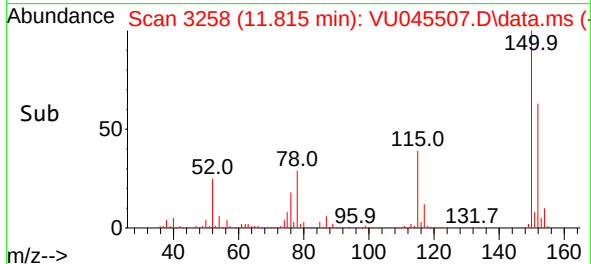
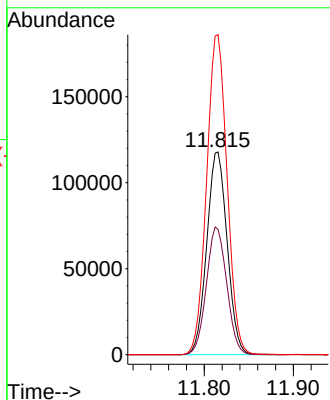
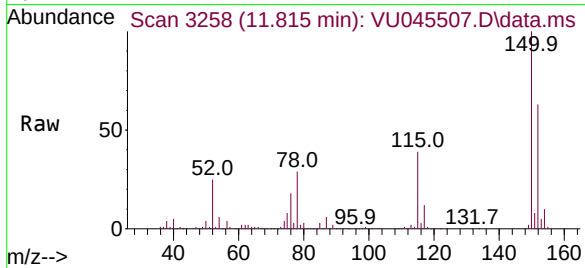




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU045507.D
 Acq: 01 Nov 2021 23:08

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

Tgt Ion:152 Resp: 187159
 Ion Ratio Lower Upper
 152 100
 115 62.7 42.7 128.1
 150 158.3 0.0 346.8



#83
 tert-Butylbenzene
 Concen: 6.176 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. -0.000 min
 Lab File: VU045507.D
 Acq: 01 Nov 2021 23:08

Tgt Ion:119 Resp: 63304
 Ion Ratio Lower Upper
 119 100
 91 71.6 30.5 91.5
 134 24.5 11.5 34.5

