

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045506.D
 Acq On : 01 Nov 2021 22:45
 Operator : SY/MD
 Sample : M4438-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Nov 02 07:39:05 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)

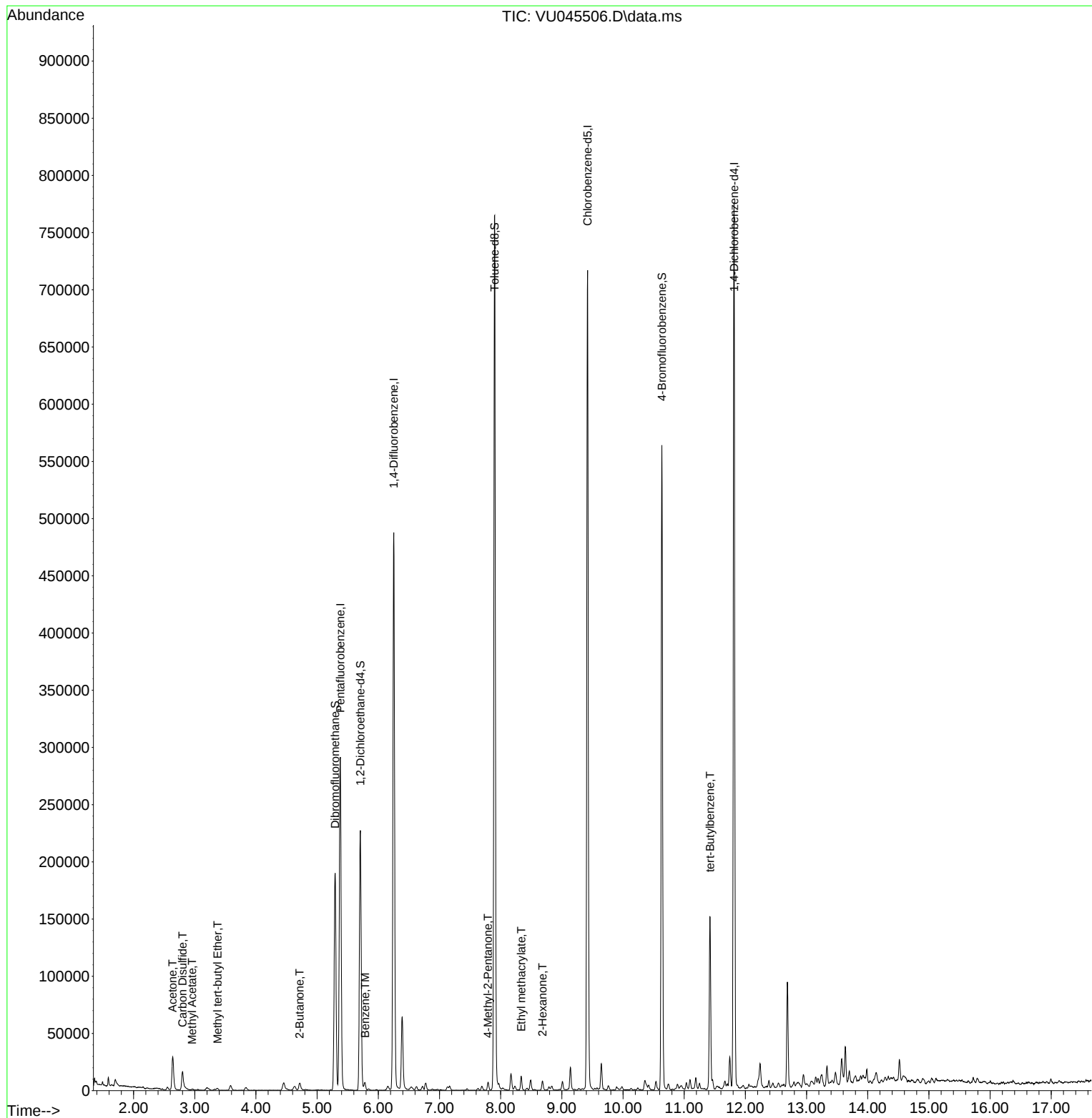
Internal Standards						
1) Pentafluorobenzene	5.379	168	196992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	388998	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	387883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	190692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	169223	52.765	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.540%			
35) Dibromofluoromethane	5.295	113	124504	50.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.680%			
50) Toluene-d8	7.903	98	502548	51.813	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.620%			
62) 4-Bromofluorobenzene	10.636	95	194469	52.616	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.240%			
Target Compounds						
					Qvalue	
16) Acetone	2.639	43	38120	26.182	ug/l	99
17) Carbon Disulfide	2.800	76	16024	2.447	ug/l	98
18) Methyl Acetate	2.958	43	1477	0.272	ug/l #	72
19) Methyl tert-butyl Ether	3.372	73	1909	0.231	ug/l	98
25) 2-Butanone	4.713	43	10347	4.707	ug/l	99
40) Benzene	5.784	78	6045	0.542	ug/l	97
51) 4-Methyl-2-Pentanone	7.793	43	4995	1.143	ug/l	94
56) Ethyl methacrylate	8.337	69	6386	2.861	ug/l	93
59) 2-Hexanone	8.684	43	2853	0.843	ug/l	64
83) tert-Butylbenzene	11.423	119	69800	6.683	ug/l	89

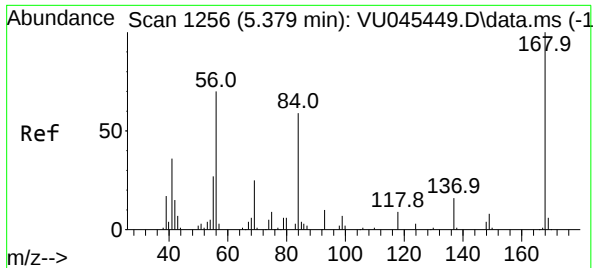
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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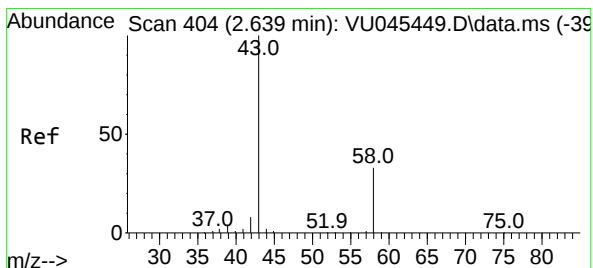
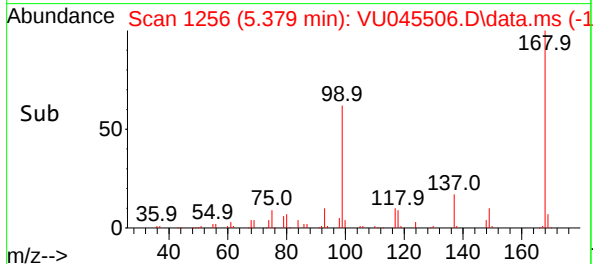
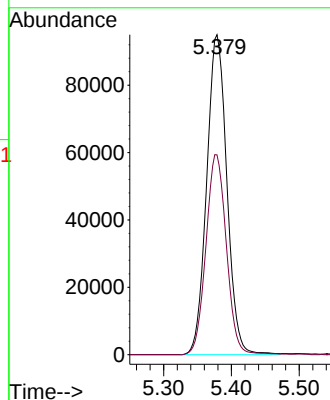
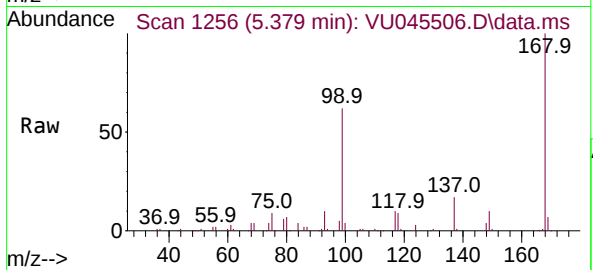




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045506.D
Acq: 01 Nov 2021 22:45

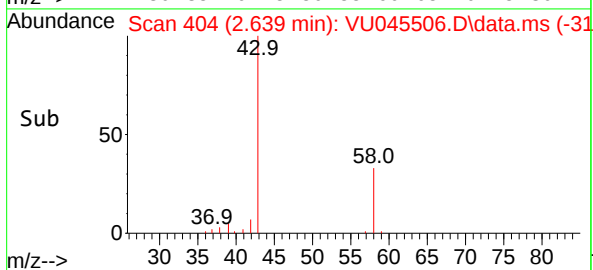
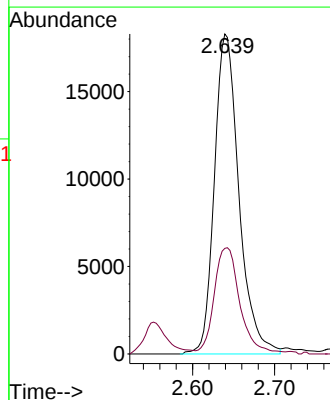
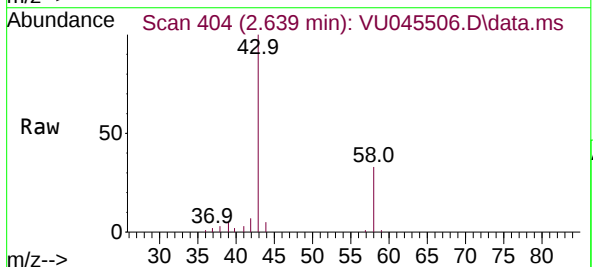
Instrument :
MSVOA_U
ClientSampleId :
FDR-20211101-WC-LM

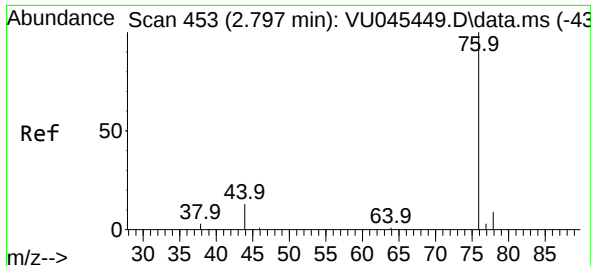
Tgt Ion:168 Resp: 196992
Ion Ratio Lower Upper
168 100
99 62.5 51.0 76.6



#16
Acetone
Concen: 26.182 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU045506.D
Acq: 01 Nov 2021 22:45

Tgt Ion: 43 Resp: 38120
Ion Ratio Lower Upper
43 100
58 32.2 26.2 39.2

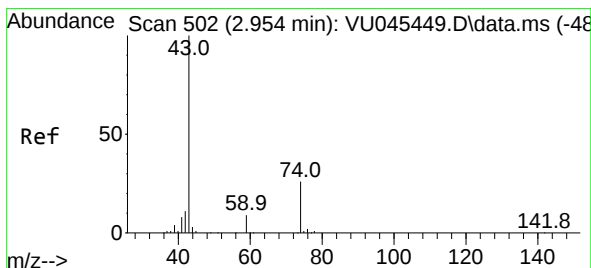
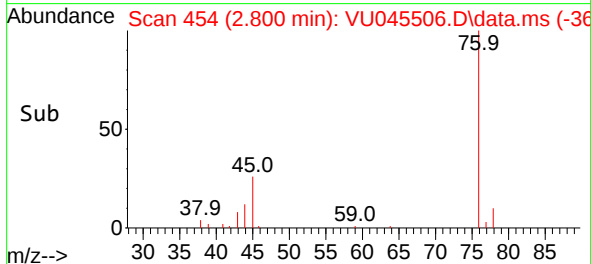
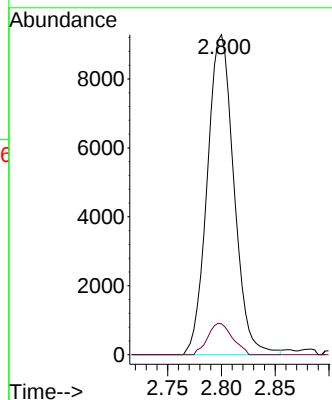
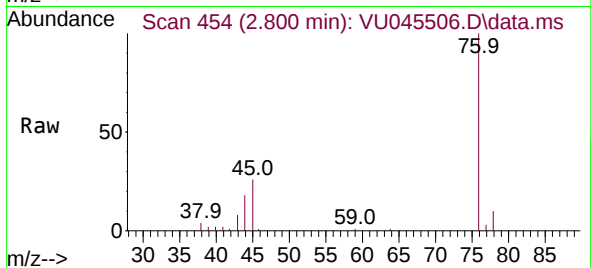




#17
Carbon Disulfide
Concen: 2.447 ug/l
RT: 2.800 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU045506.D
Acq: 01 Nov 2021 22:45

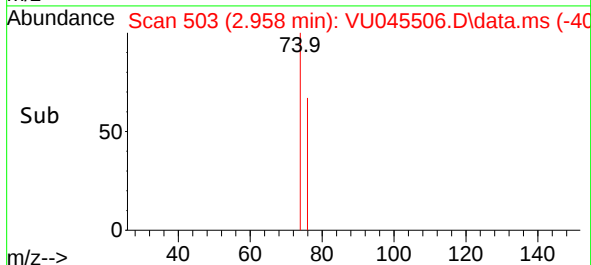
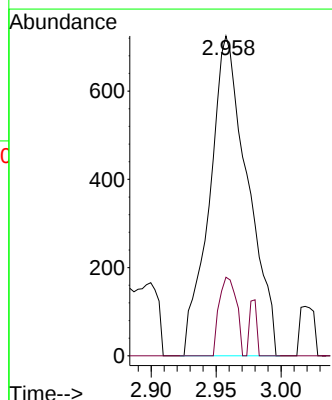
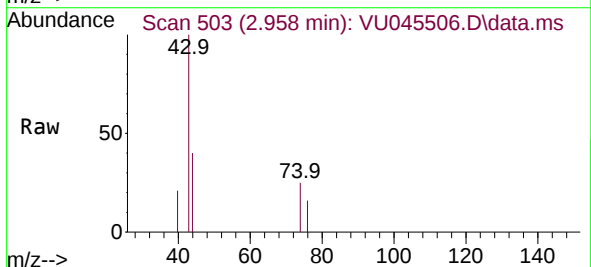
Instrument :
MSVOA_U
ClientSampleId :
FDR-20211101-WC-LM

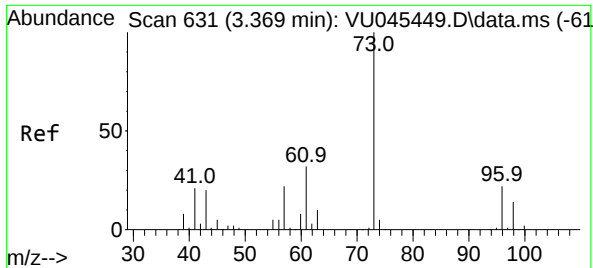
Tgt Ion: 76 Resp: 16024
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 0.272 ug/l
RT: 2.958 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU045506.D
Acq: 01 Nov 2021 22:45

Tgt Ion: 43 Resp: 1477
Ion Ratio Lower Upper
43 100
74 11.1 20.2 30.2#





#19

Methyl tert-butyl Ether

Concen: 0.231 ug/l

RT: 3.372 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU045506.D

Acq: 01 Nov 2021 22:45

Instrument :

MSVOA_U

ClientSampleId :

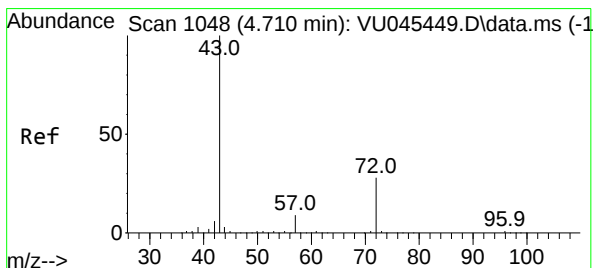
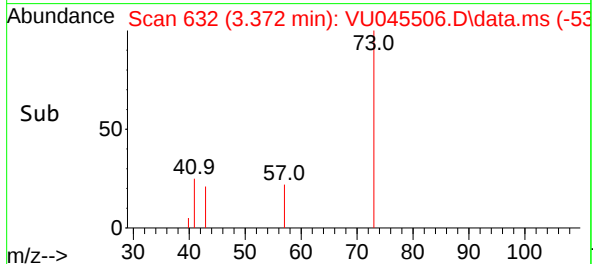
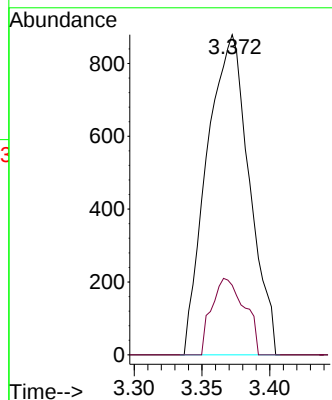
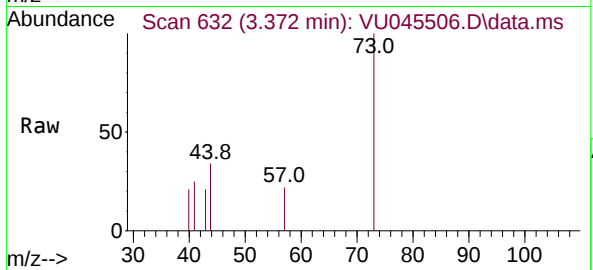
FDR-20211101-WC-LM

Tgt Ion: 73 Resp: 1909

Ion Ratio Lower Upper

73 100

57 21.7 18.1 27.1



#25

2-Butanone

Concen: 4.707 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU045506.D

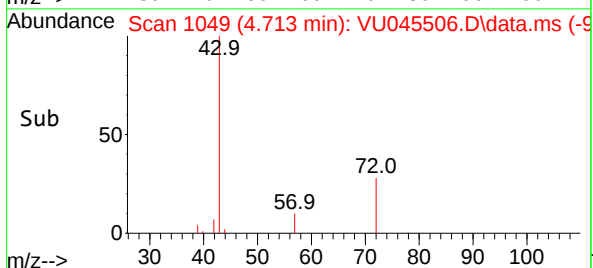
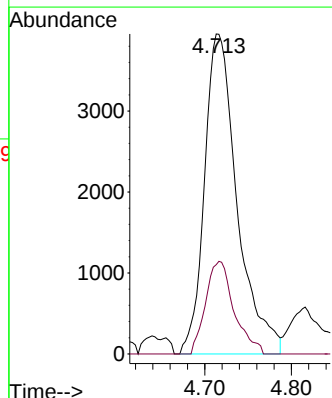
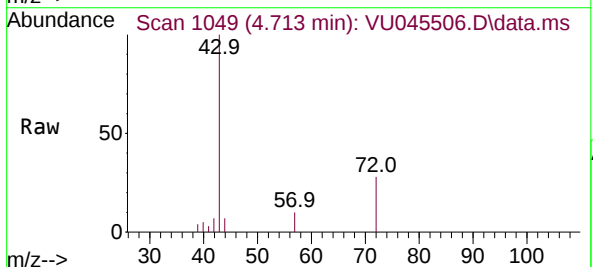
Acq: 01 Nov 2021 22:45

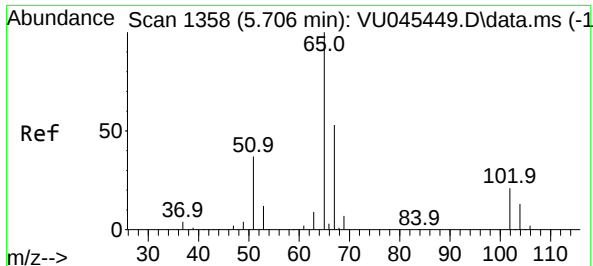
Tgt Ion: 43 Resp: 10347

Ion Ratio Lower Upper

43 100

72 27.9 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 52.765 ug/l

RT: 5.707 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045506.D

Acq: 01 Nov 2021 22:45

Instrument :

MSVOA_U

ClientSampleId :

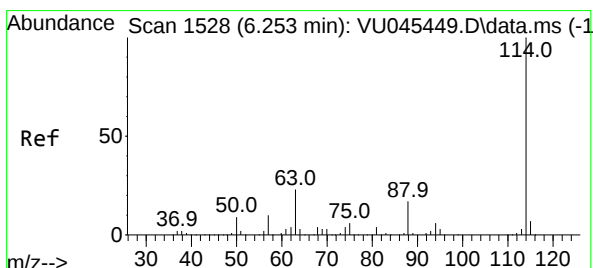
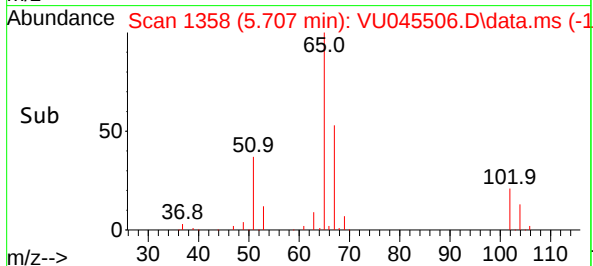
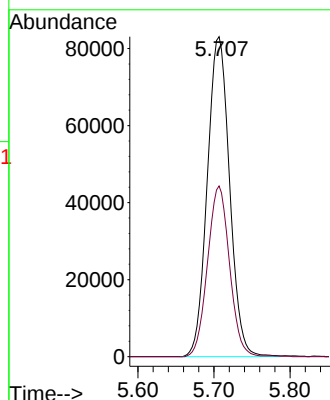
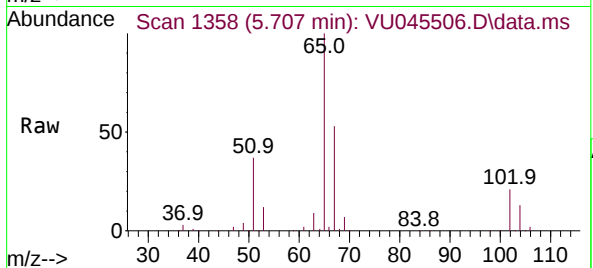
FDR-20211101-WC-LM

Tgt Ion: 65 Resp: 169223

Ion Ratio Lower Upper

65 100

67 52.6 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: VU045506.D

Acq: 01 Nov 2021 22:45

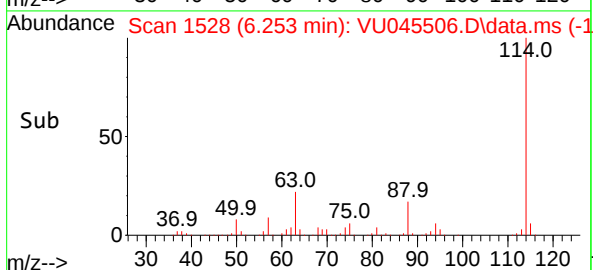
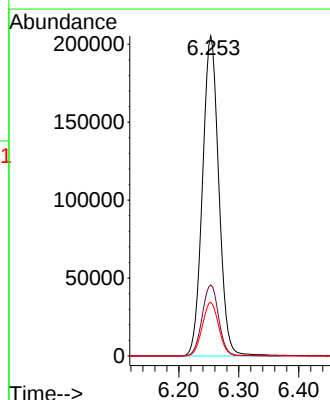
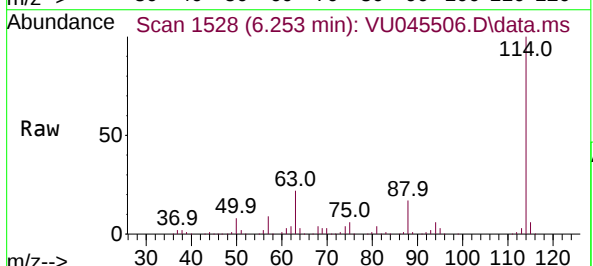
Tgt Ion: 114 Resp: 388998

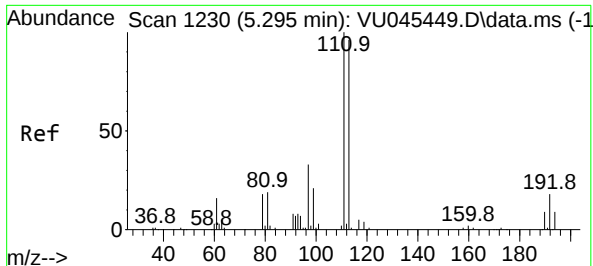
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 50.337 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045506.D

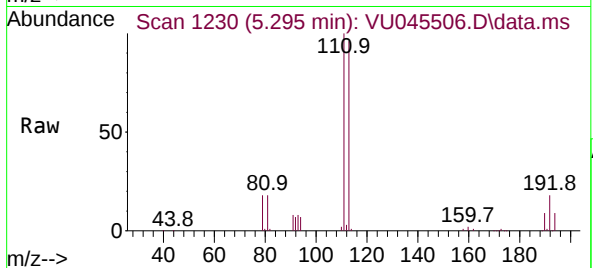
Acq: 01 Nov 2021 22:45

Instrument :

MSVOA_U

ClientSampleId :

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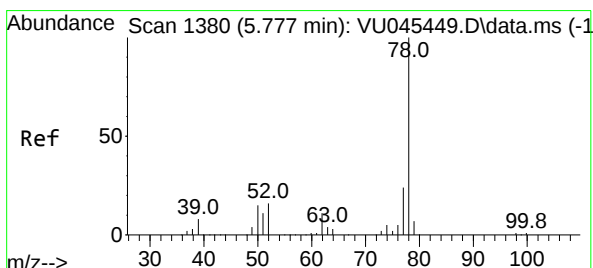
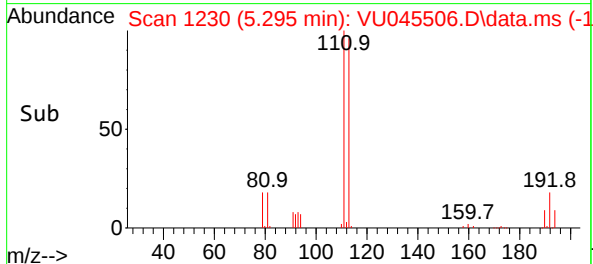
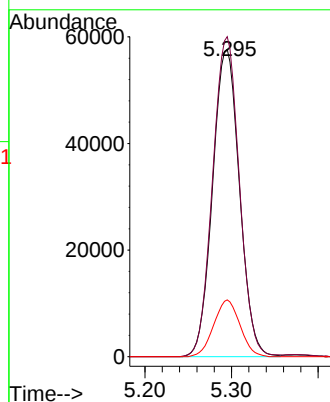
Tgt Ion:113 Resp: 124504

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 18.0 14.8 22.2



#40

Benzene

Concen: 0.542 ug/l

RT: 5.784 min Scan# 1382

Delta R.T. 0.007 min

Lab File: VU045506.D

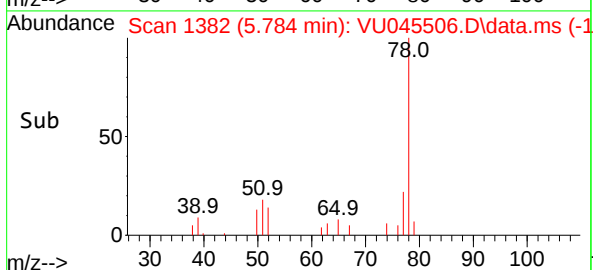
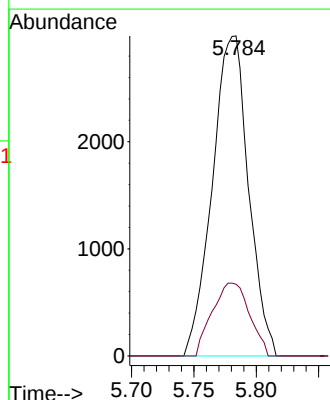
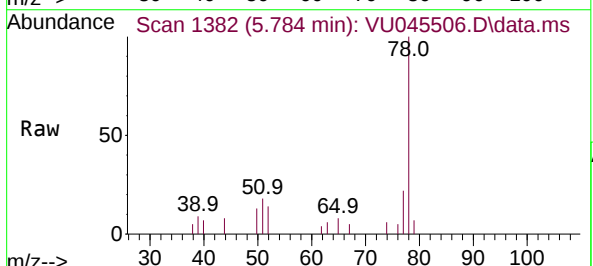
Acq: 01 Nov 2021 22:45

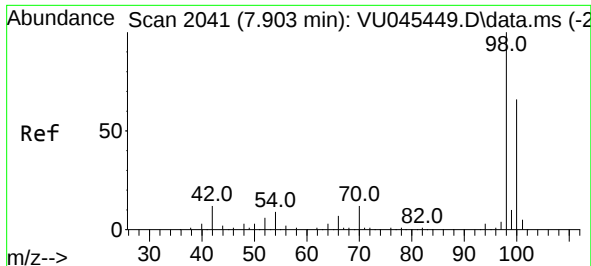
Tgt Ion: 78 Resp: 6045

Ion Ratio Lower Upper

78 100

77 22.4 19.0 28.4

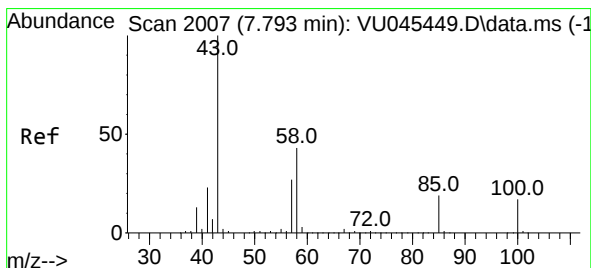
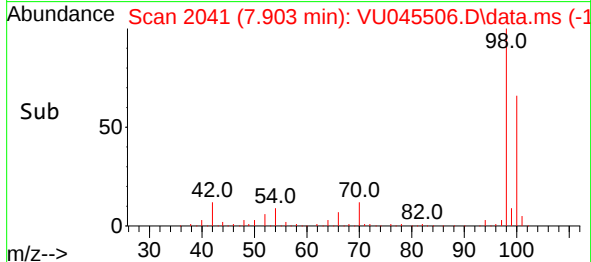
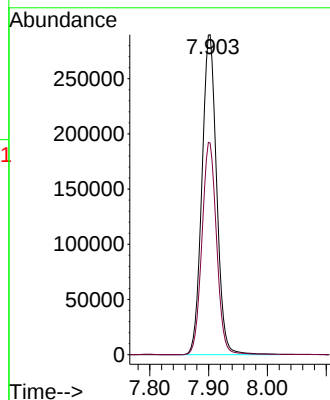
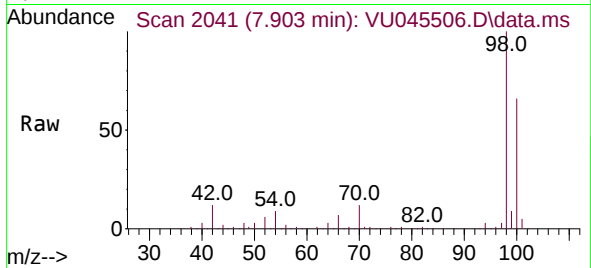




#50
Toluene-d8
Concen: 51.813 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045506.D
Acq: 01 Nov 2021 22:45

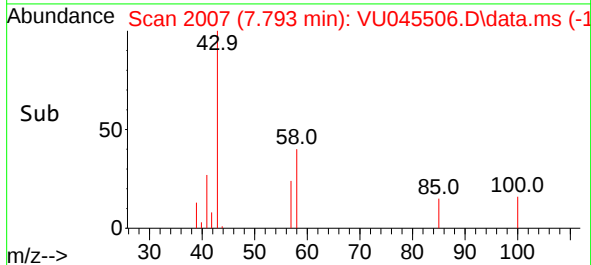
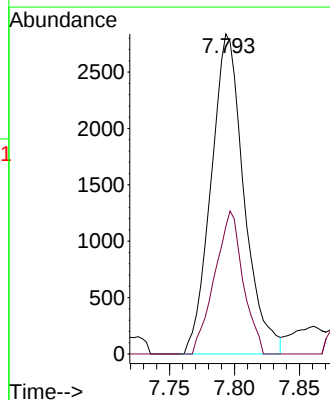
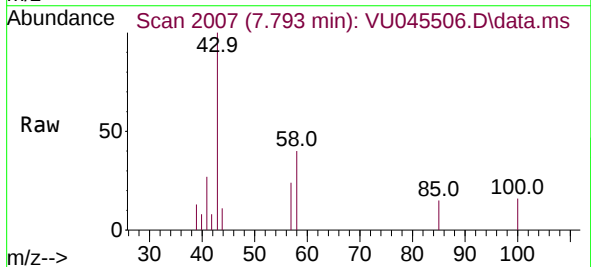
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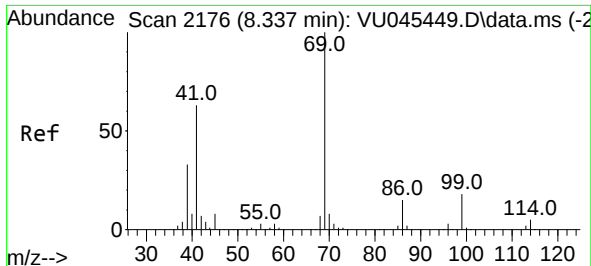
Tgt Ion: 98 Resp: 502548
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.143 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045506.D
Acq: 01 Nov 2021 22:45

Tgt Ion: 43 Resp: 4995
Ion Ratio Lower Upper
43 100
58 38.5 33.8 50.8

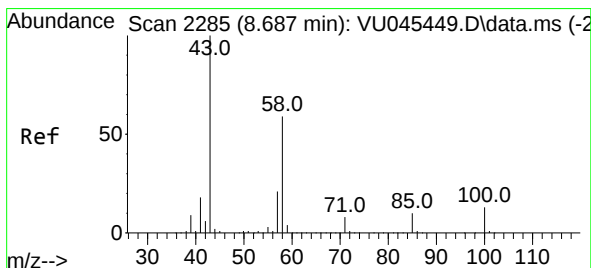
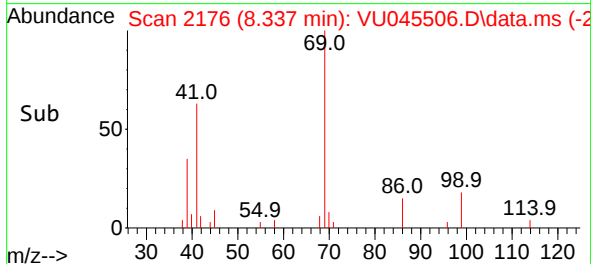
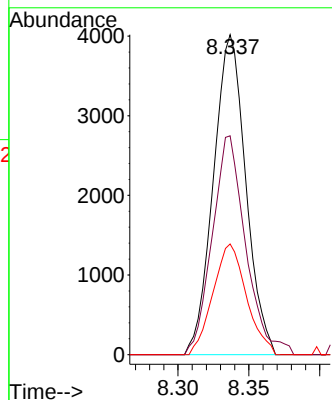
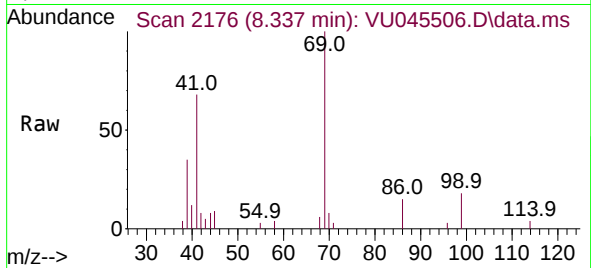




#56
Ethyl methacrylate
Concen: 2.861 ug/l
RT: 8.337 min Scan# 2176
Delta R.T. -0.000 min
Lab File: VU045506.D
Acq: 01 Nov 2021 22:45

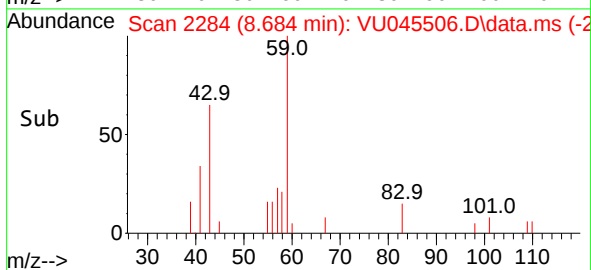
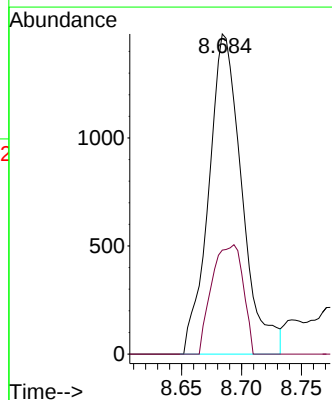
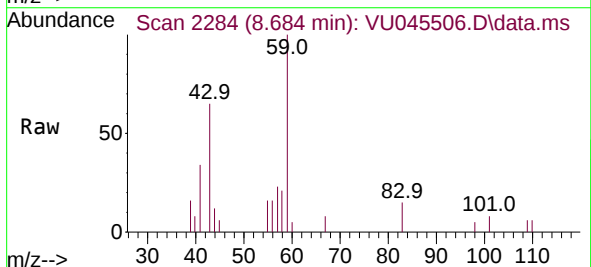
Instrument :
MSVOA_U
ClientSampleId :
FDR-20211101-WC-LM

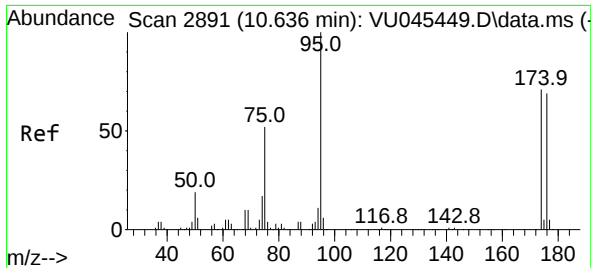
Tgt Ion: 69 Resp: 6386
Ion Ratio Lower Upper
69 100
41 70.7 51.0 76.4
39 35.8 26.6 39.8



#59
2-Hexanone
Concen: 0.843 ug/l
RT: 8.684 min Scan# 2284
Delta R.T. -0.003 min
Lab File: VU045506.D
Acq: 01 Nov 2021 22:45

Tgt Ion: 43 Resp: 2853
Ion Ratio Lower Upper
43 100
58 31.9 29.5 88.6

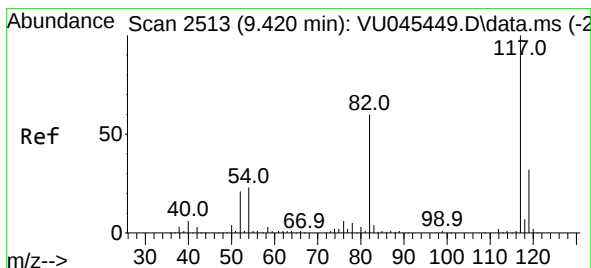
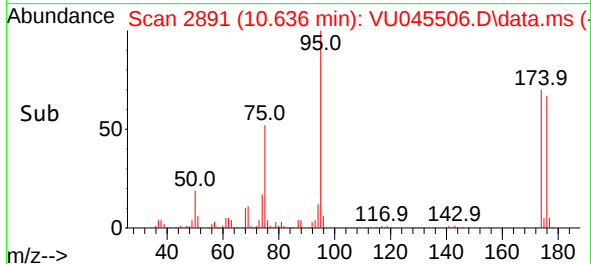
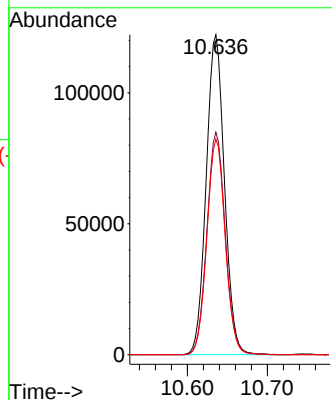
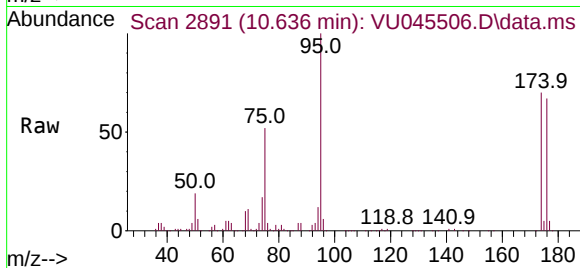




#62
4-Bromofluorobenzene
Concen: 52.616 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045506.D
Acq: 01 Nov 2021 22:45

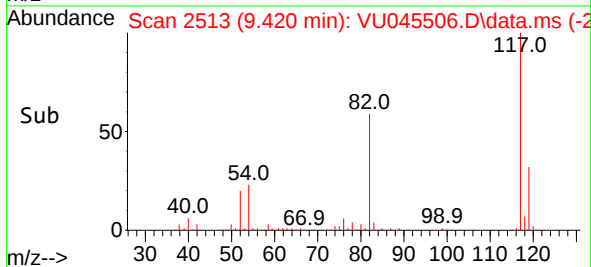
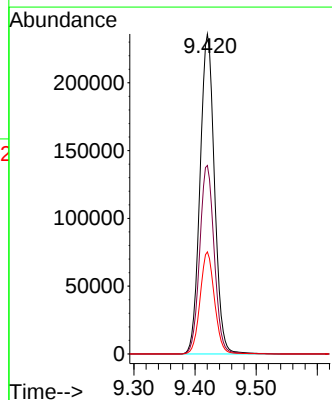
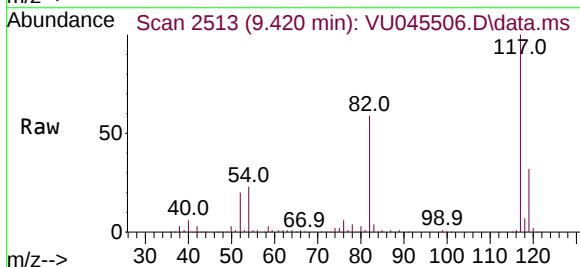
Instrument :
MSVOA_U
ClientSampleId :
FDR-20211101-WC-LM

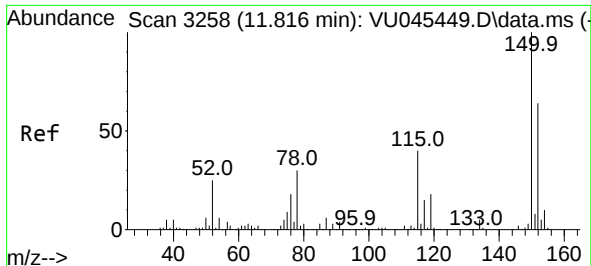
Tgt Ion: 95 Resp: 194469
Ion Ratio Lower Upper
95 100
174 70.1 0.0 141.8
176 67.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045506.D
Acq: 01 Nov 2021 22:45

Tgt Ion: 117 Resp: 387883
Ion Ratio Lower Upper
117 100
82 58.9 47.8 71.8
119 31.9 25.8 38.8

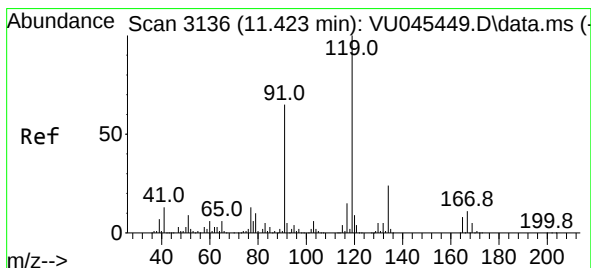
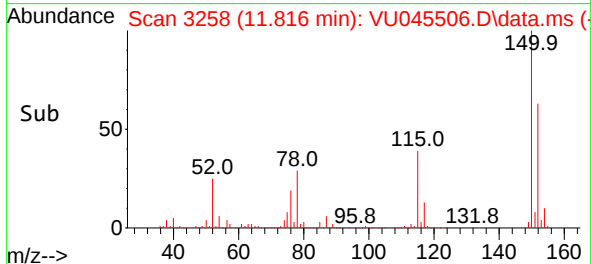
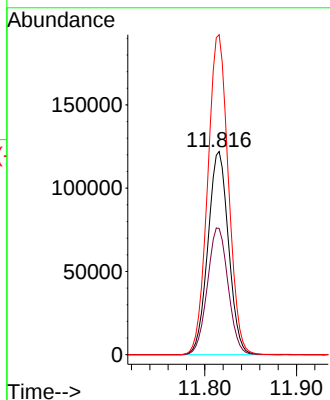
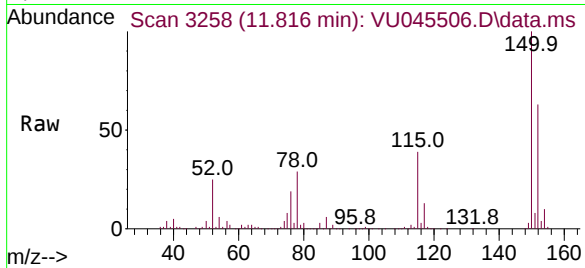




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 3125
 Delta R.T. 0.000 min
 Lab File: VU045506.D
 Acq: 01 Nov 2021 22:45

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

Tgt Ion:152 Resp: 190692
 Ion Ratio Lower Upper
 152 100
 115 62.9 42.7 128.1
 150 158.2 0.0 346.8



#83
 tert-Butylbenzene
 Concen: 6.683 ug/l
 RT: 11.423 min Scan# 3136
 Delta R.T. 0.000 min
 Lab File: VU045506.D
 Acq: 01 Nov 2021 22:45

Tgt Ion:119 Resp: 69800
 Ion Ratio Lower Upper
 119 100
 91 71.3 30.5 91.5
 134 24.9 11.5 34.5

