

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045079.D
 Acq On : 01 Oct 2021 17:35
 Operator : SY/MD
 Sample : M3951-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-20210924

Quant Time: Oct 02 03:13:04 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)

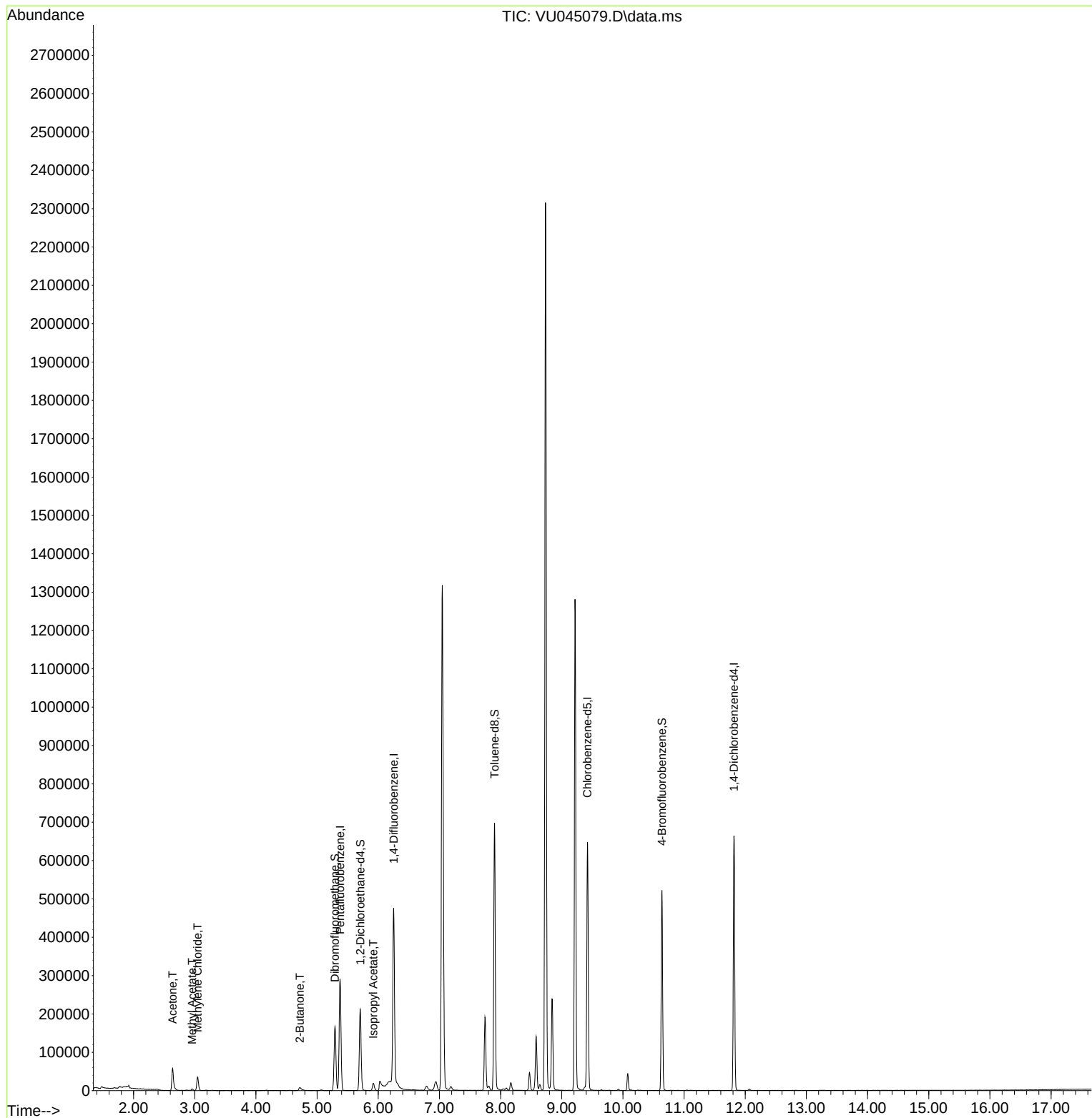
Internal Standards						
1) Pentafluorobenzene	5.375	168	188423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	348707	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	342225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	159963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	159316	50.794	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.580%
35) Dibromofluoromethane	5.292	113	107742	48.979	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.960%
50) Toluene-d8	7.902	98	449627	51.731	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.460%
62) 4-Bromofluorobenzene	10.639	95	174947	48.754	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.500%
Target Compounds						
						Qvalue
16) Acetone	2.639	43	74958	40.261	ug/l	100
18) Methyl Acetate	2.954	43	6402	1.177	ug/l #	89
20) Methylene Chloride	3.047	84	17539	6.254	ug/l	97
25) 2-Butanone	4.716	43	16981	6.420	ug/l	97
43) Isopropyl Acetate	5.919	43	23285	3.208	ug/l	99

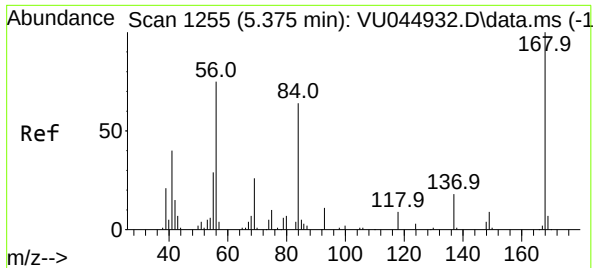
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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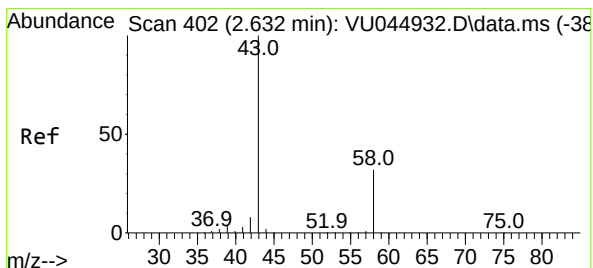
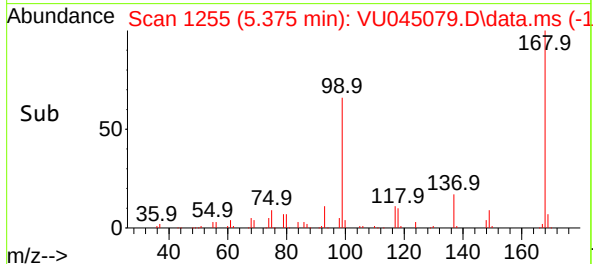
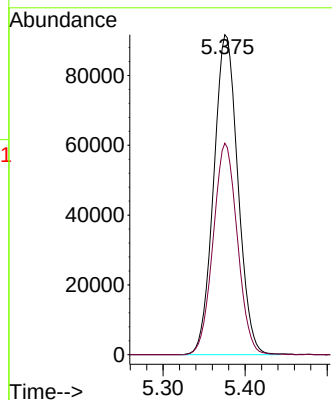
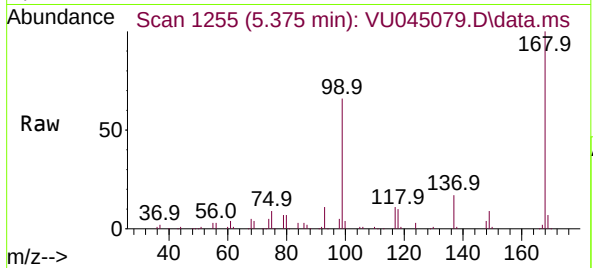




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VU045079.D
Acq: 01 Oct 2021 17:35

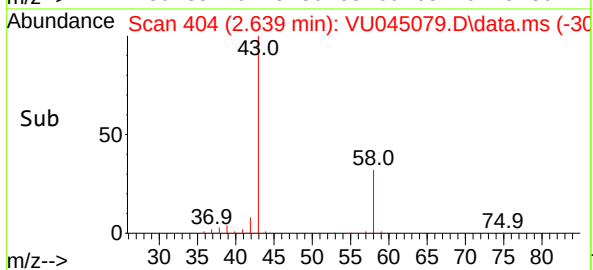
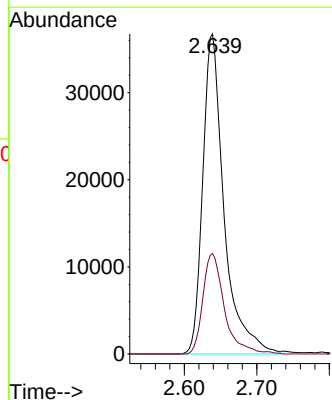
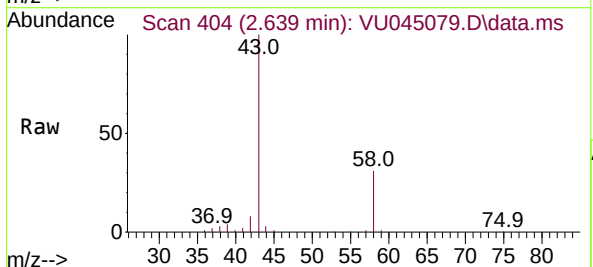
Instrument :
MSVOA_U
ClientSampleId :
WC-20210924

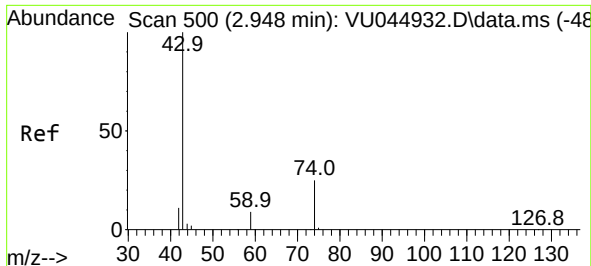
Tgt Ion:168 Resp: 188423
Ion Ratio Lower Upper
168 100
99 66.1 51.4 77.0



#16
Acetone
Concen: 40.261 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.007 min
Lab File: VU045079.D
Acq: 01 Oct 2021 17:35

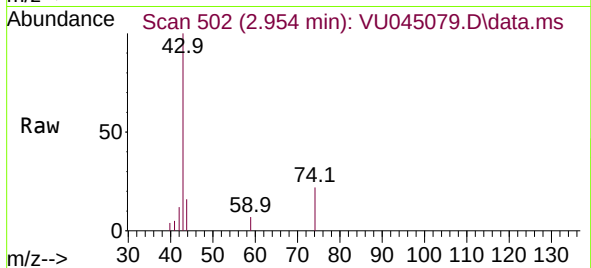
Tgt Ion: 43 Resp: 74958
Ion Ratio Lower Upper
43 100
58 31.4 25.2 37.8



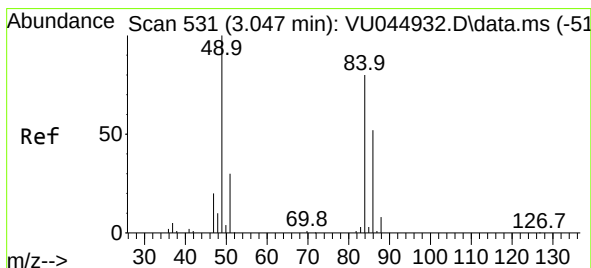
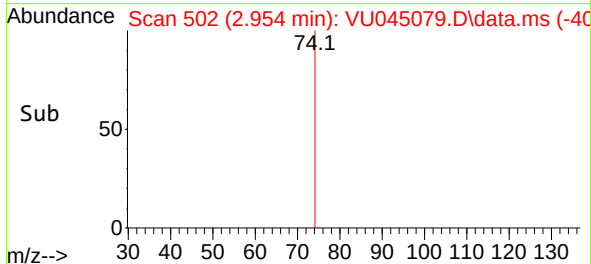
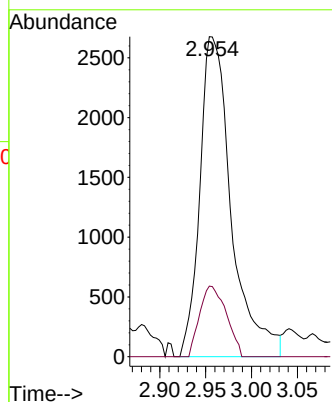


#18
Methyl Acetate
Concen: 1.177 ug/l
RT: 2.954 min Scan# 502
Delta R.T. 0.006 min
Lab File: VU045079.D
Acq: 01 Oct 2021 17:35

Instrument :
MSVOA_U
ClientSampleId :
WC-20210924

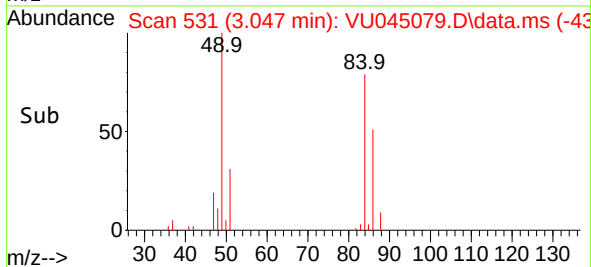
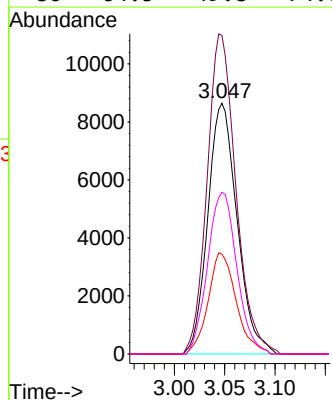
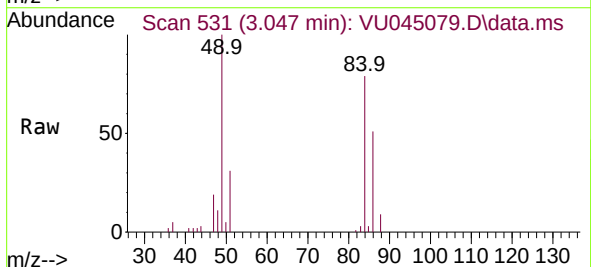


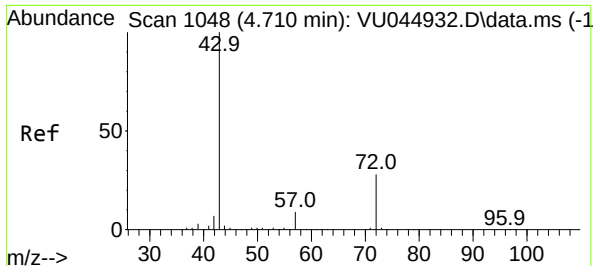
Tgt Ion: 43 Resp: 6402
Ion Ratio Lower Upper
43 100
74 18.6 19.0 28.6#



#20
Methylene Chloride
Concen: 6.254 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045079.D
Acq: 01 Oct 2021 17:35

Tgt Ion: 84 Resp: 17539
Ion Ratio Lower Upper
84 100
49 127.1 104.9 157.3
51 39.8 31.8 47.8
86 64.5 49.8 74.6





#25

2-Butanone

Concen: 6.420 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU045079.D

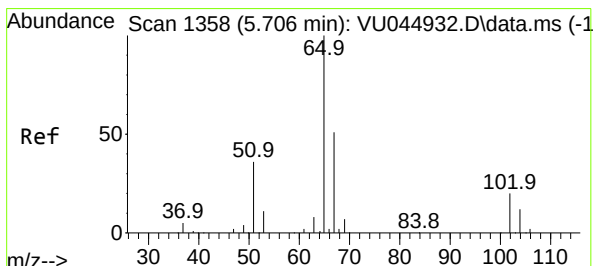
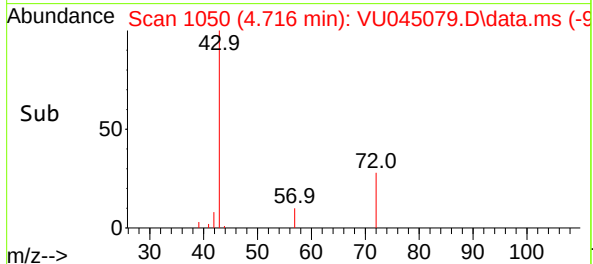
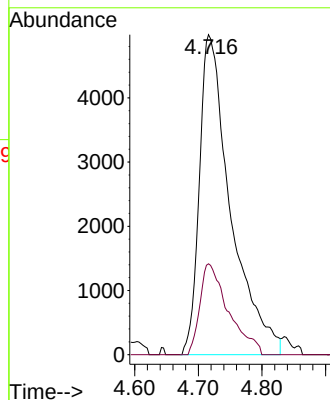
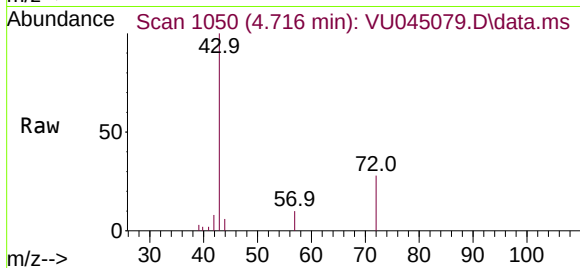
Acq: 01 Oct 2021 17:35

Tgt Ion: 43 Resp: 16981

Ion Ratio Lower Upper

43 100

72 28.4 21.3 31.9



#33

1,2-Dichloroethane-d4

Concen: 50.794 ug/l

RT: 5.706 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VU045079.D

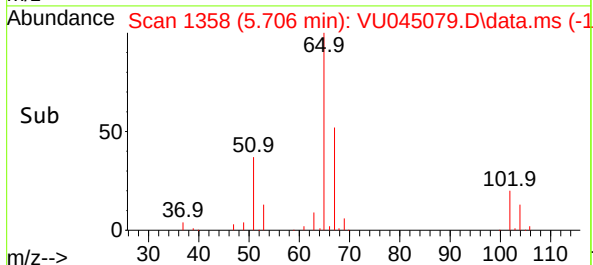
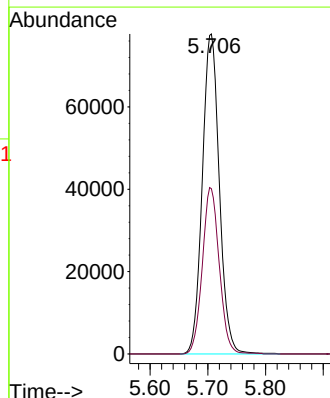
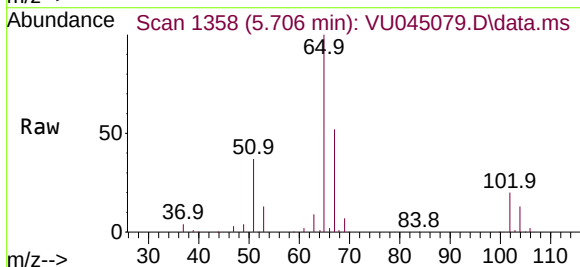
Acq: 01 Oct 2021 17:35

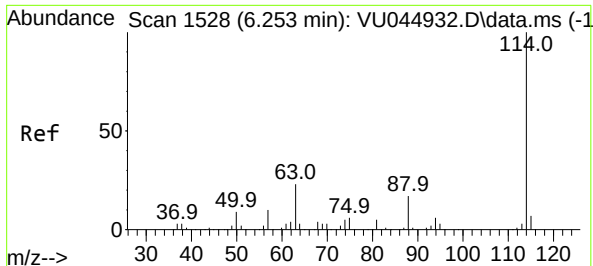
Tgt Ion: 65 Resp: 159316

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045079.D

Acq: 01 Oct 2021 17:35

Tgt Ion:114 Resp: 348707

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.8

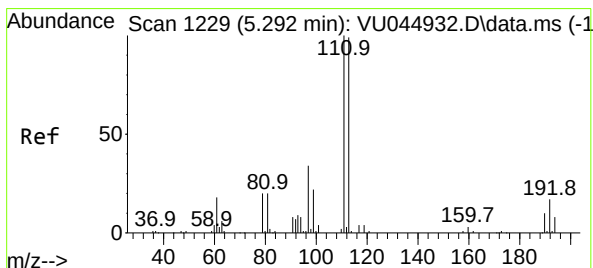
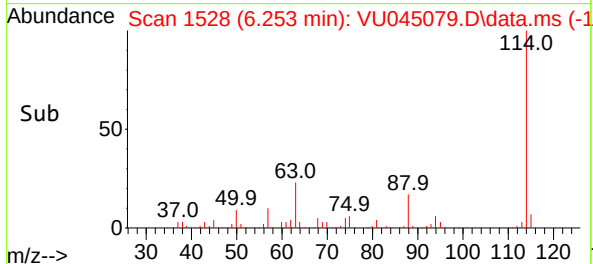
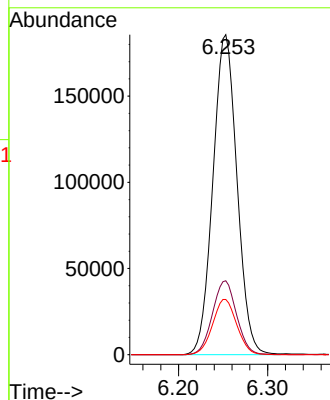
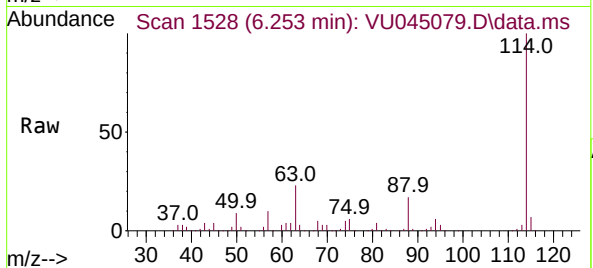
88 17.3 0.0 32.8

Instrument :

MSVOA_U

ClientSampleId :

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#35

Dibromofluoromethane

Concen: 48.979 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VU045079.D

Acq: 01 Oct 2021 17:35

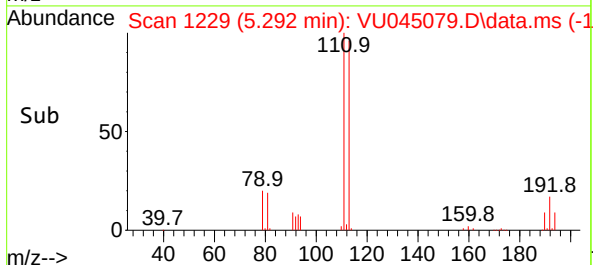
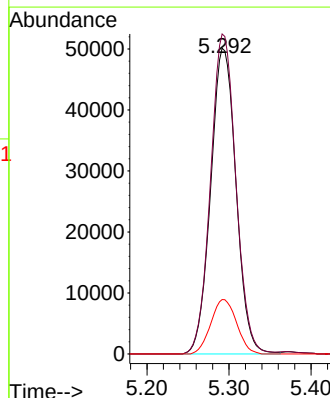
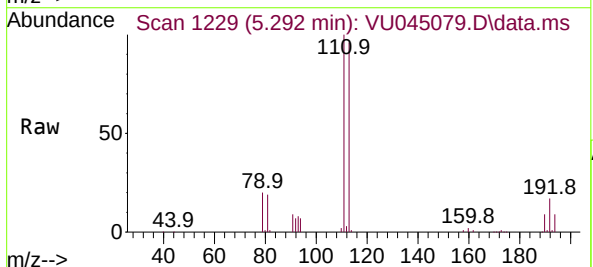
Tgt Ion:113 Resp: 107742

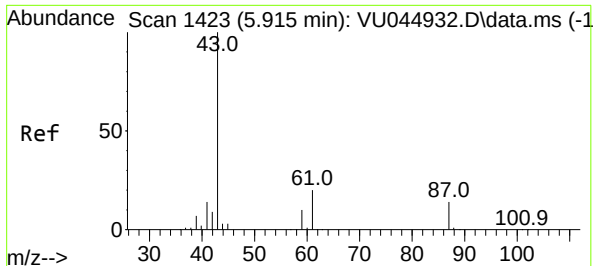
Ion Ratio Lower Upper

113 100

111 104.4 84.1 126.1

192 18.1 14.8 22.2

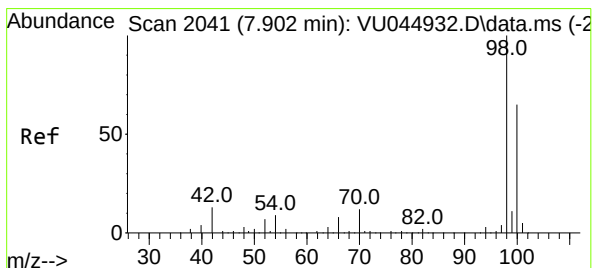
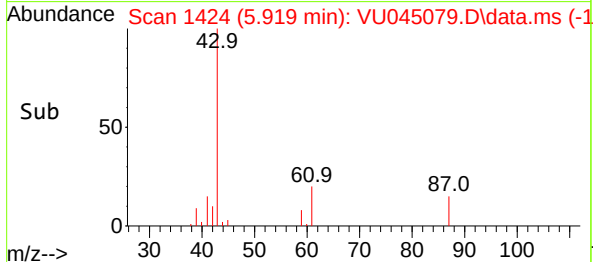
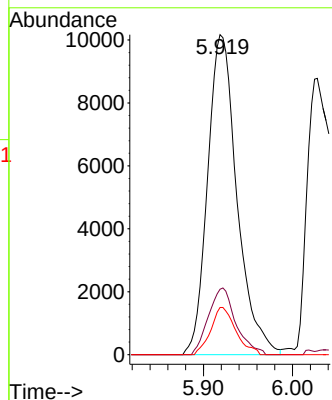
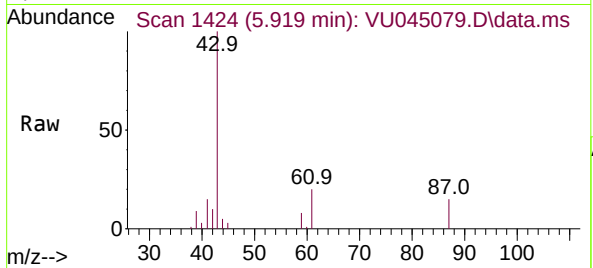




#43
Isopropyl Acetate
Concen: 3.208 ug/l
RT: 5.919 min Scan# 1424
Delta R.T. 0.004 min
Lab File: VU045079.D
Acq: 01 Oct 2021 17:35

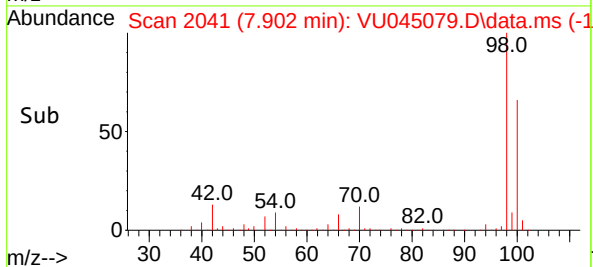
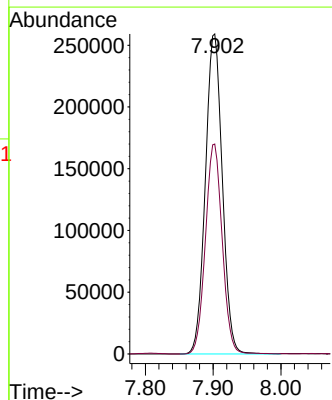
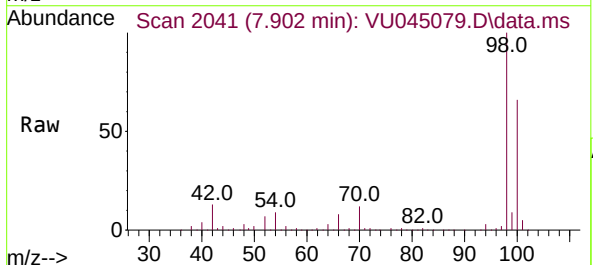
Instrument :
MSVOA_U
ClientSampleId :
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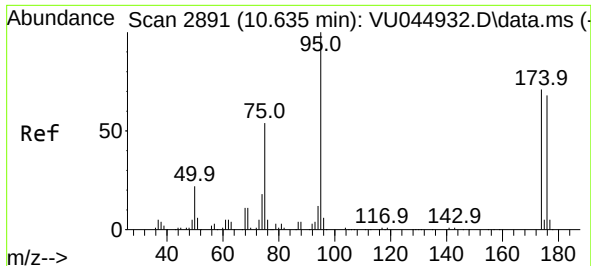
Tgt Ion: 43	Resp: 23285
Ion Ratio	Lower Upper
43 100	
61 19.4	16.1 24.1
87 12.6	10.3 15.5



#50
Toluene-d8
Concen: 51.731 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045079.D
Acq: 01 Oct 2021 17:35

Tgt Ion: 98	Resp: 449627
Ion Ratio	Lower Upper
98 100	
100 65.1	52.5 78.7

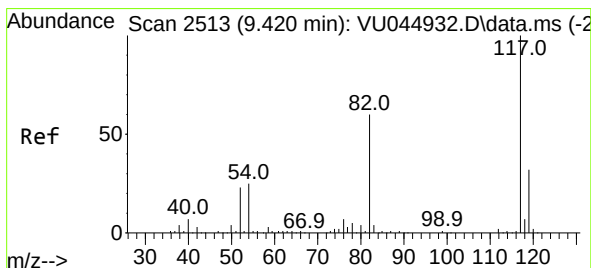
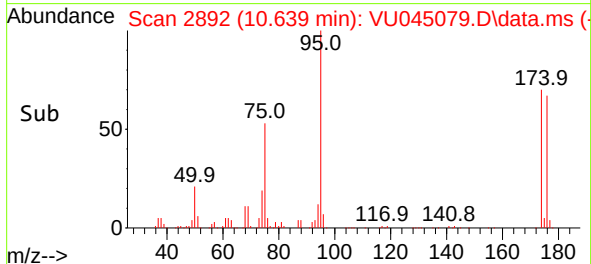
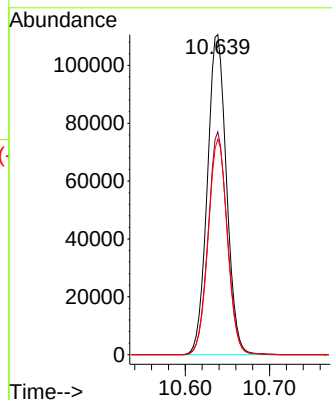
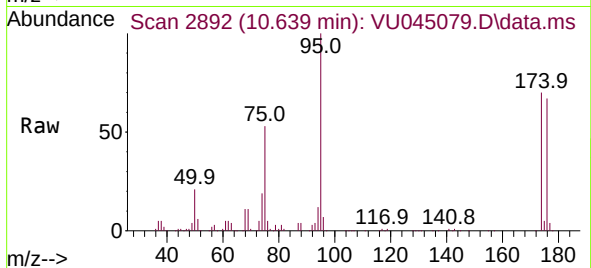




#62
4-Bromofluorobenzene
Concen: 48.754 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.004 min
Lab File: VU045079.D
Acq: 01 Oct 2021 17:35

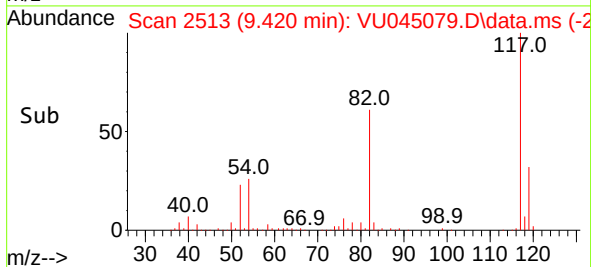
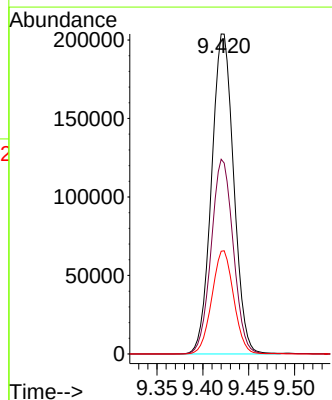
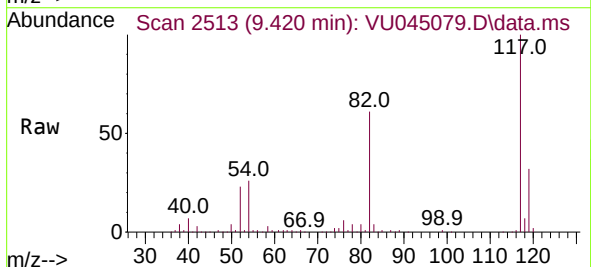
Instrument :
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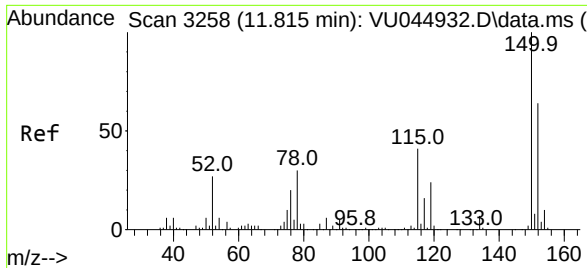
Tgt Ion: 95 Resp: 174947
Ion Ratio Lower Upper
95 100
174 69.5 0.0 146.6
176 67.5 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045079.D
Acq: 01 Oct 2021 17:35

Tgt Ion: 117 Resp: 342225
Ion Ratio Lower Upper
117 100
82 60.8 47.8 71.8
119 32.1 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.815 min Scan# 3258
 Delta R.T. 0.000 min
 Lab File: VU045079.D
 Acq: 01 Oct 2021 17:35

Instrument :
 MSVOA_U
 ClientSampleId :
 WC-20210924

Tgt Ion:152 Resp: 159963
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.5 130.7
 150 158.0 0.0 350.0

