

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111221\
 Data File : VU045779.D
 Acq On : 12 Nov 2021 19:03
 Operator : SY/MD
 Sample : PB140714ZHE#02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB140714ZHE#02

Quant Time: Nov 15 05:23:49 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)

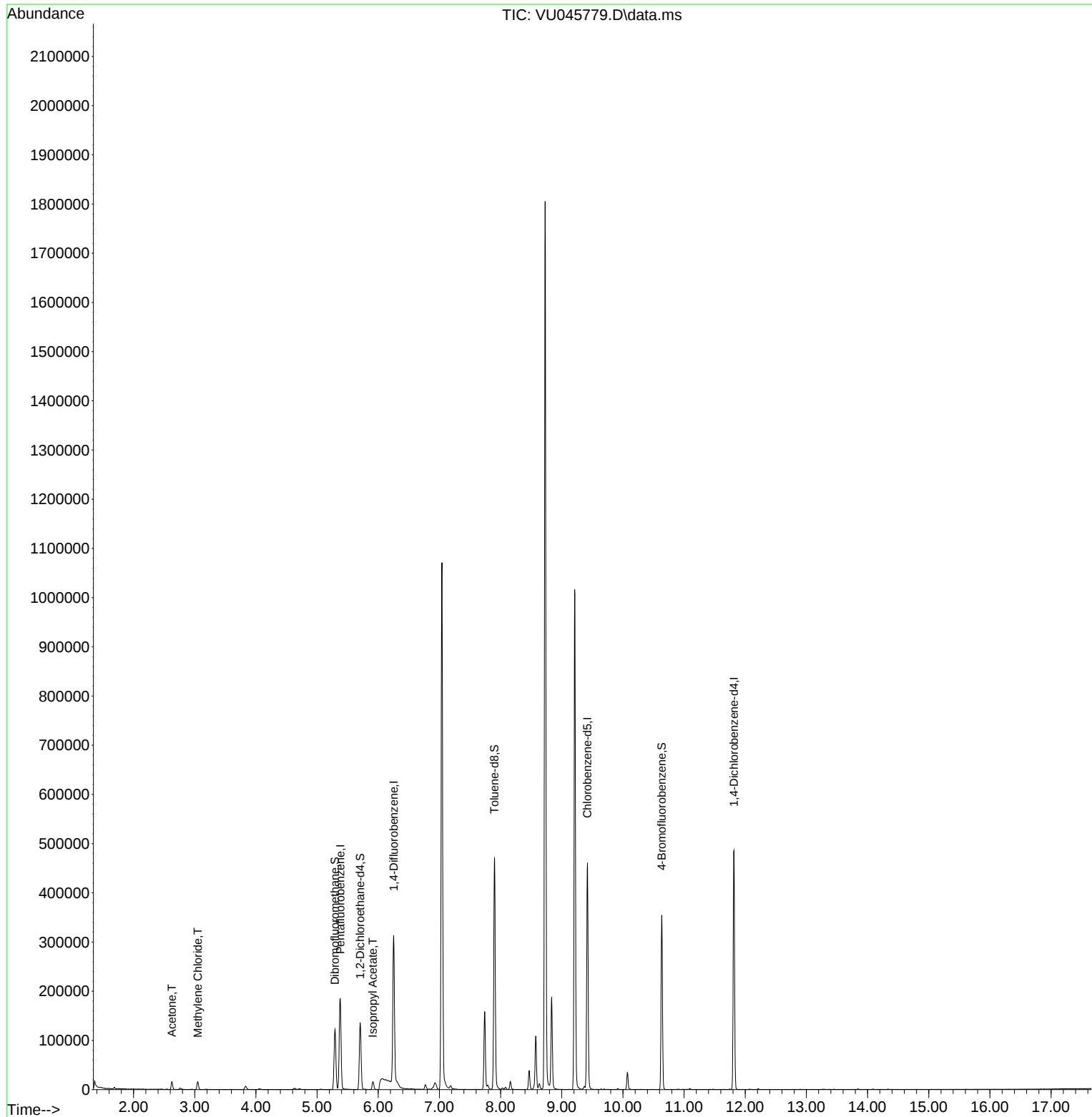
Internal Standards						
1) Pentafluorobenzene	5.379	168	125125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	236814	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	247240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	121097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	99996	53.363	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.720%	
35) Dibromofluoromethane	5.292	113	78831	49.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.720%	
50) Toluene-d8	7.899	98	311966	53.062	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.120%	
62) 4-Bromofluorobenzene	10.636	95	117437	49.813	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.620%	
Target Compounds						Qvalue
16) Acetone	2.626	43	18530	19.425	ug/l	100
20) Methylene Chloride	3.051	84	7711	4.652	ug/l	96
43) Isopropyl Acetate	5.912	43	17472	4.306	ug/l	99

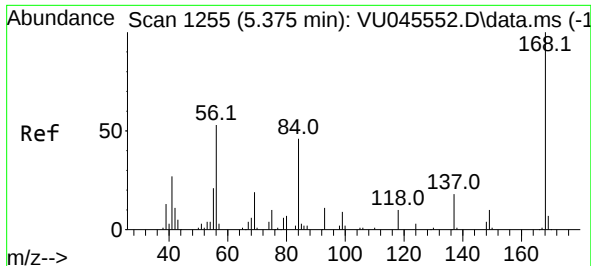
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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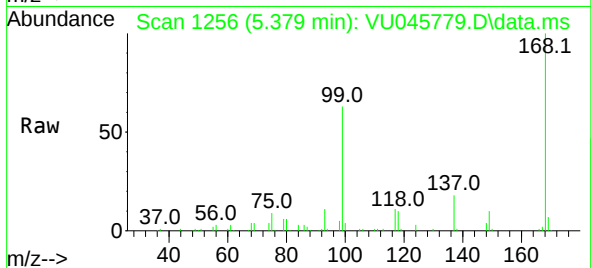
Quant Time: Nov 15 05:23:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
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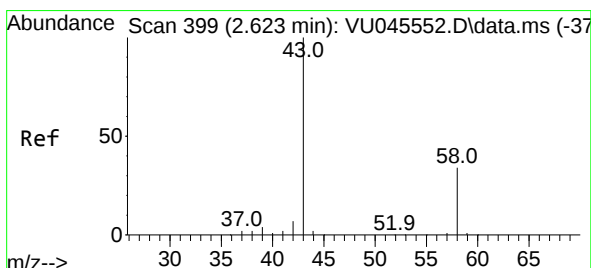
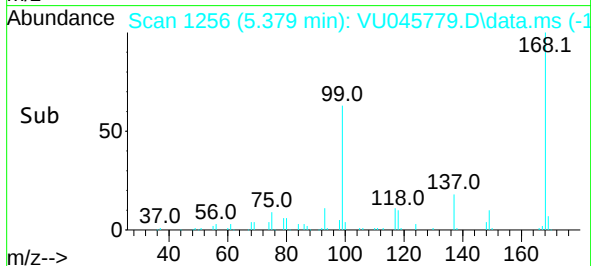
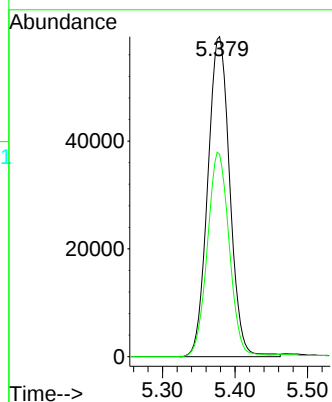


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045779.D
Acq: 12 Nov 2021 19:03

Instrument :
MSVOA_U
ClientSampleId :
PB140714ZHE#02

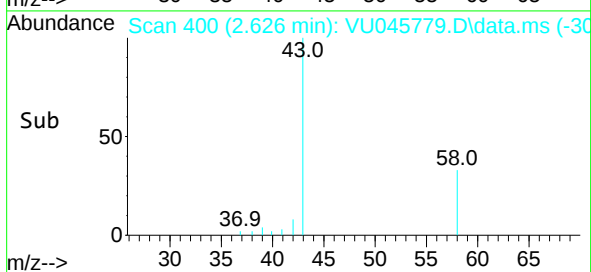
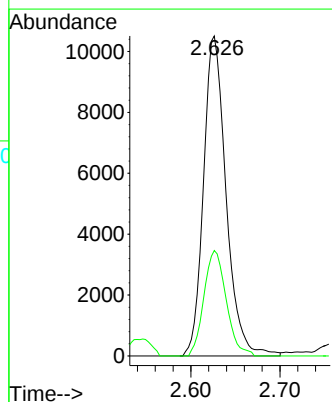
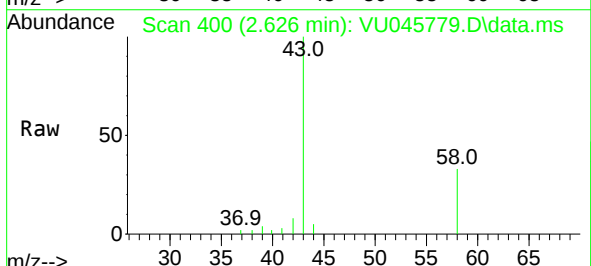


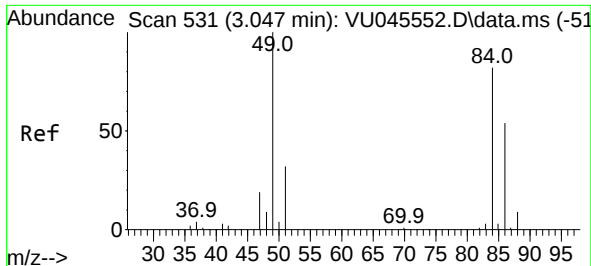
Tgt Ion:168 Resp: 125125
Ion Ratio Lower Upper
168 100
99 63.3 51.0 76.6



#16
Acetone
Concen: 19.425 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045779.D
Acq: 12 Nov 2021 19:03

Tgt Ion: 43 Resp: 18530
Ion Ratio Lower Upper
43 100
58 32.9 26.2 39.2



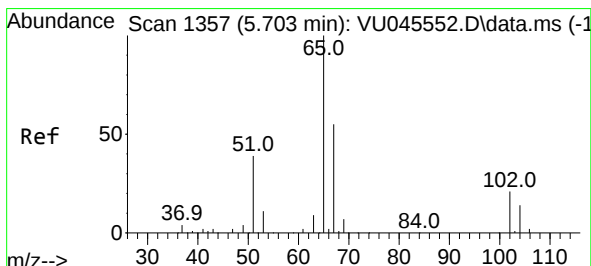
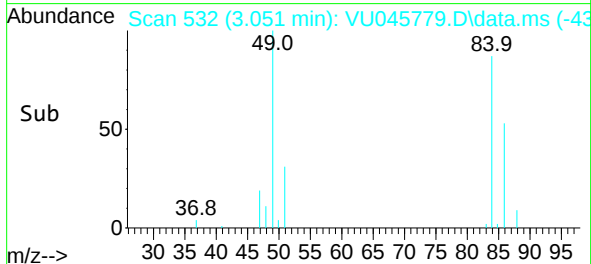
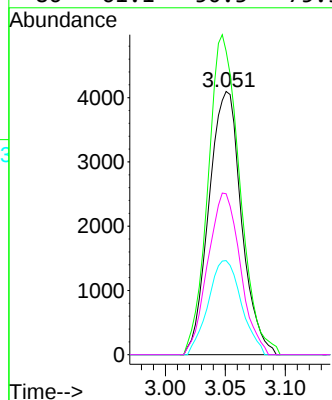
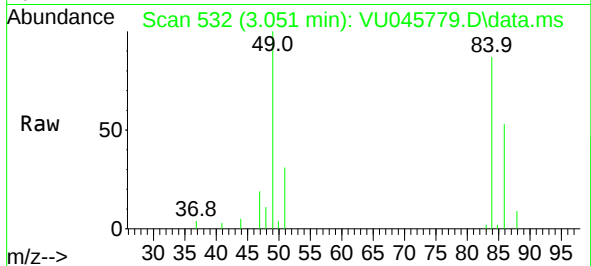


#20
Methylene Chloride
Concen: 4.652 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045779.D
Acq: 12 Nov 2021 19:03

Instrument :
MSVOA_U
ClientSampleId :
PB140714ZHE#02

Tgt Ion: 84 Resp: 7711

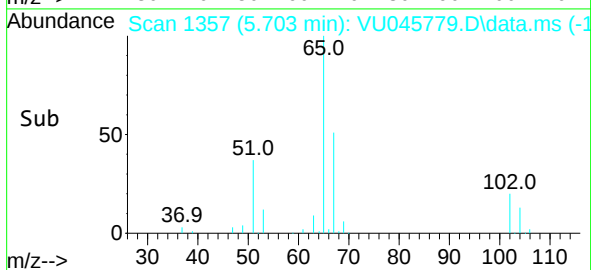
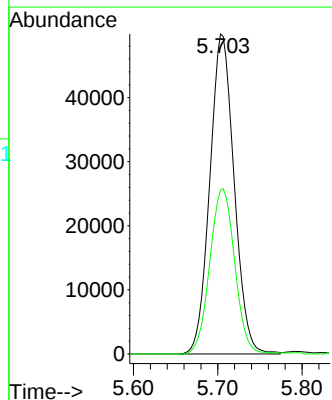
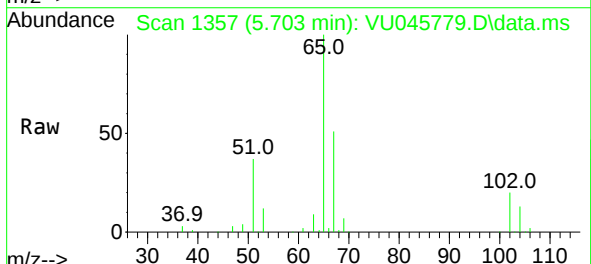
Ion	Ratio	Lower	Upper
84	100		
49	115.3	96.4	144.6
51	35.8	30.5	45.7
86	61.1	50.3	75.5

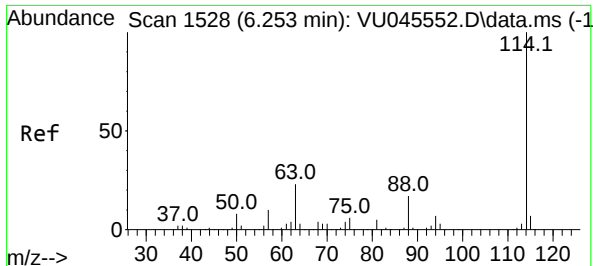


#33
1,2-Dichloroethane-d4
Concen: 53.363 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045779.D
Acq: 12 Nov 2021 19:03

Tgt Ion: 65 Resp: 99996

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# 11

Delta R.T. 0.000 min

Lab File: VU045779.D

Acq: 12 Nov 2021 19:03

Instrument :

MSVOA_U

ClientSampleId :

PB140714ZHE#02

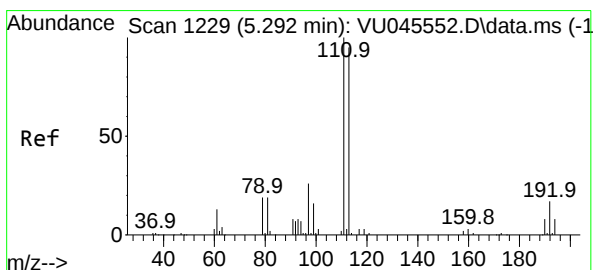
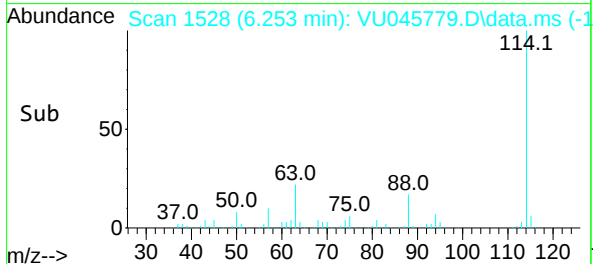
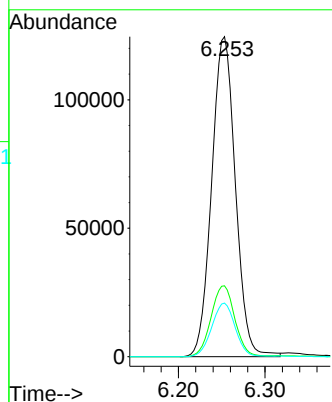
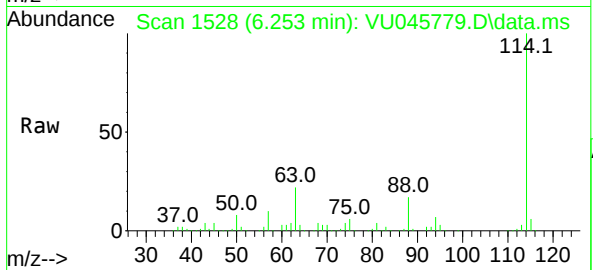
Tgt Ion:114 Resp: 236814

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 16.8 0.0 33.8



#35

Dibromofluoromethane

Concen: 49.859 ug/l

RT: 5.292 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VU045779.D

Acq: 12 Nov 2021 19:03

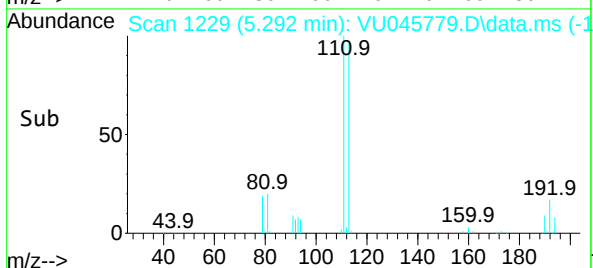
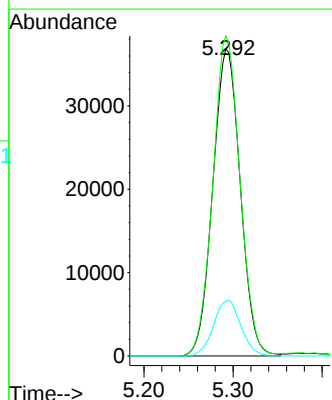
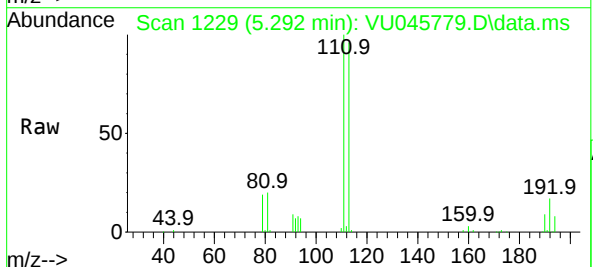
Tgt Ion:113 Resp: 78831

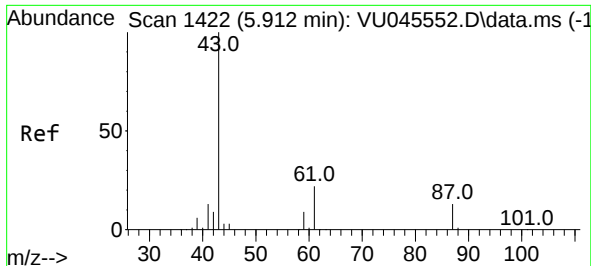
Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 18.0 14.8 22.2





#43

Isopropyl Acetate

Concen: 4.306 ug/l

RT: 5.912 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VU045779.D

Acq: 12 Nov 2021 19:03

Instrument :

MSVOA_U

ClientSampleId :

PB140714ZHE#02

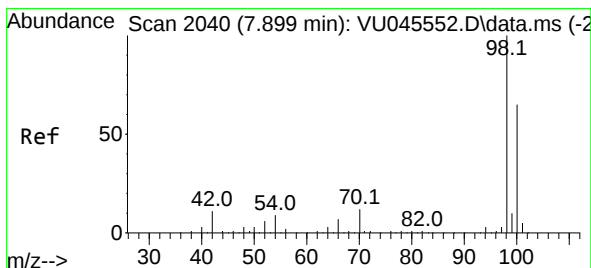
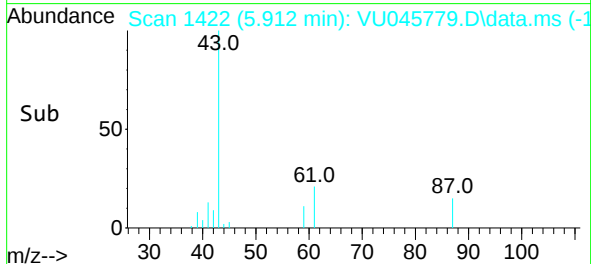
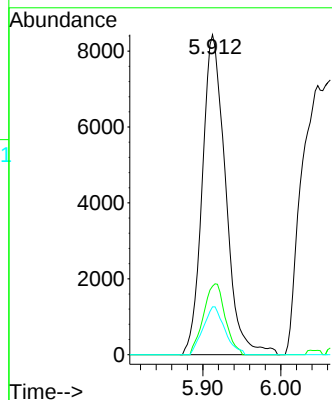
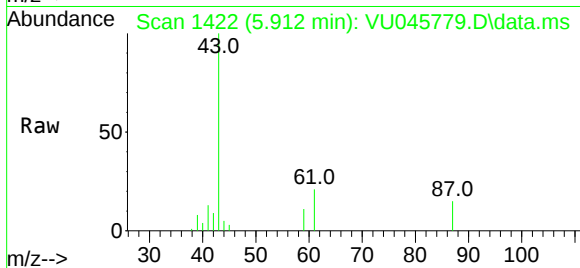
Tgt Ion: 43 Resp: 17472

Ion Ratio Lower Upper

43 100

61 20.7 16.9 25.3

87 13.9 11.0 16.4



#50

Toluene-d8

Concen: 53.062 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045779.D

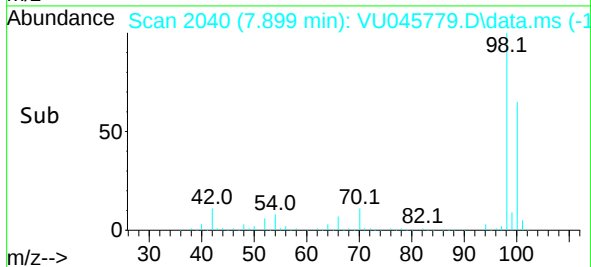
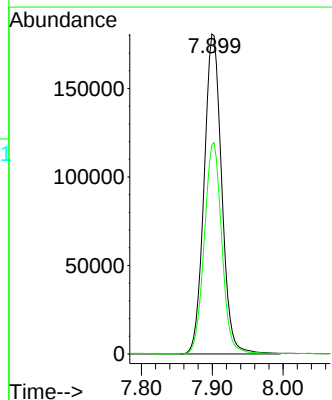
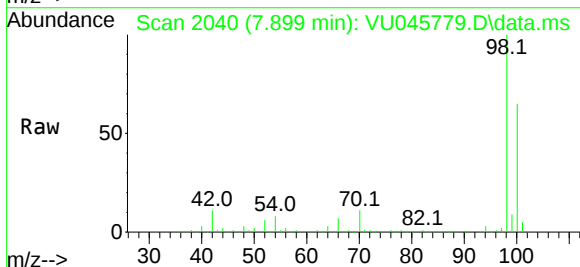
Acq: 12 Nov 2021 19:03

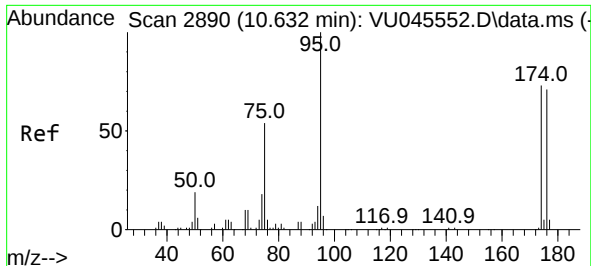
Tgt Ion: 98 Resp: 311966

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7

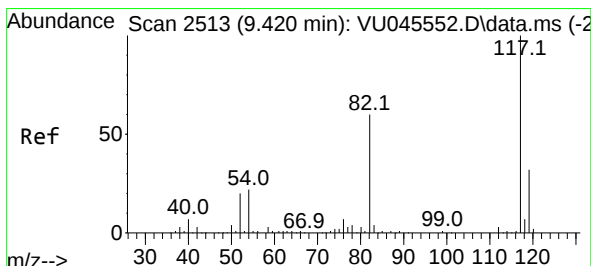
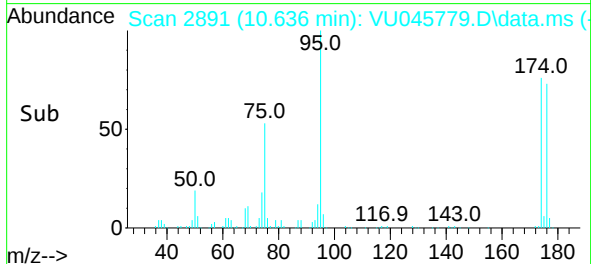
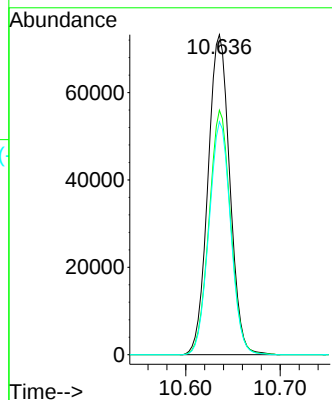
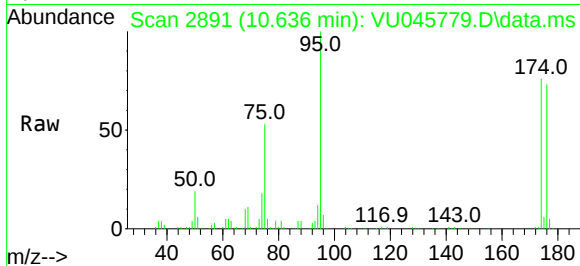




#62
4-Bromofluorobenzene
Concen: 49.813 ug/l
RT: 10.636 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045779.D
Acq: 12 Nov 2021 19:03

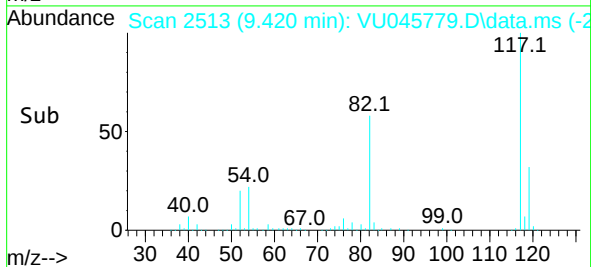
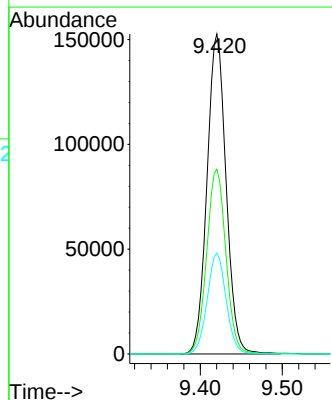
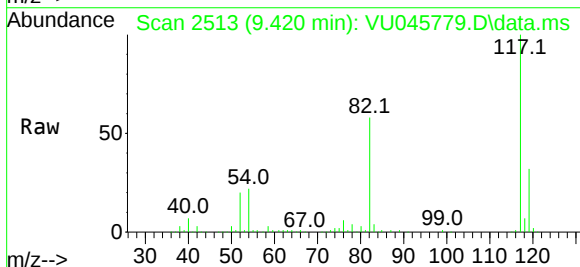
Instrument :
MSVOA_U
ClientSampleId :
PB140714ZHE#02

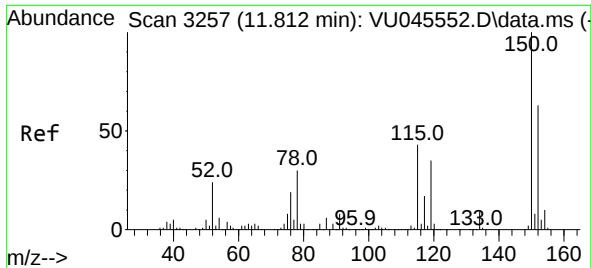
Tgt Ion: 95 Resp: 117437
Ion Ratio Lower Upper
95 100
174 75.8 0.0 141.8
176 72.2 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045779.D
Acq: 12 Nov 2021 19:03

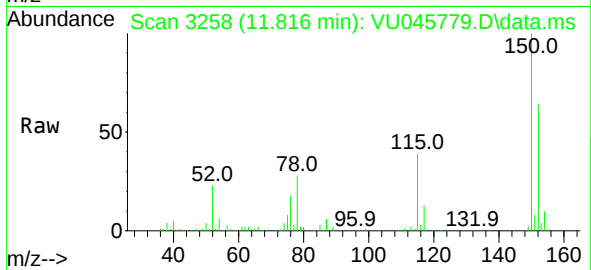
Tgt Ion: 117 Resp: 247240
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.8
119 31.5 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.816 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU045779.D
 Acq: 12 Nov 2021 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 PB140714ZHE#02



Tgt Ion:152 Resp: 121097
 Ion Ratio Lower Upper
 152 100
 115 62.1 42.7 128.1
 150 156.8 0.0 346.8

