

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045671.D
 Acq On : 09 Nov 2021 20:10
 Operator : SY/MD
 Sample : M4594-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BRP2-20211108

Quant Time: Nov 10 02:02:39 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)

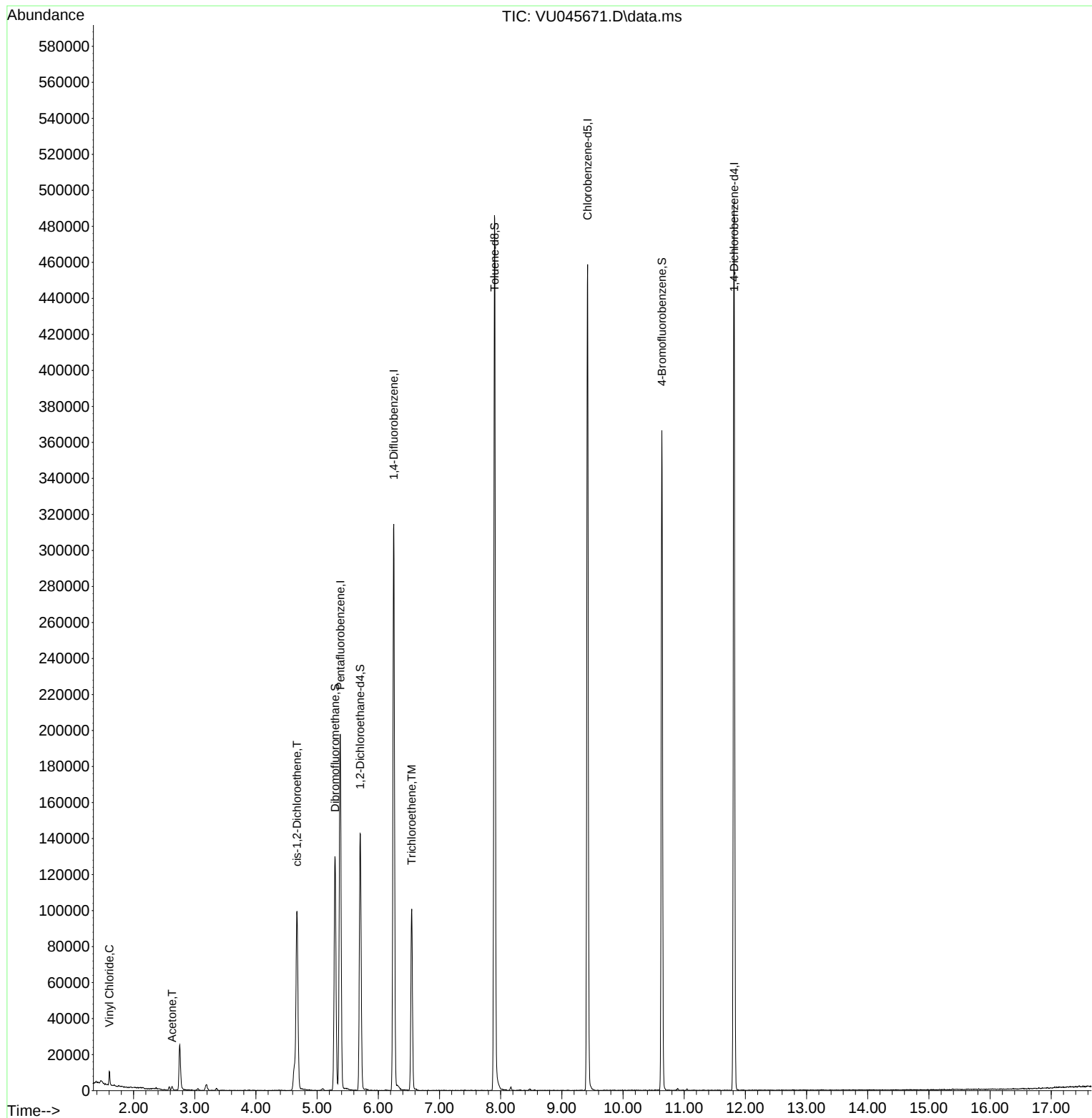
Internal Standards						
1) Pentafluorobenzene	5.378	168	131525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	245048	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	247074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	121424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	107539	54.596	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.200%	
35) Dibromofluoromethane	5.292	113	83086	50.784	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.560%	
50) Toluene-d8	7.899	98	324474	53.335	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.680%	
62) 4-Bromofluorobenzene	10.635	95	121408	49.767	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.540%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.604	62	5137	2.703	ug/l	95
16) Acetone	2.629	43	2469	2.462	ug/l	97
27) cis-1,2-Dichloroethene	4.671	96	50032	28.297	ug/l	92
44) Trichloroethene	6.546	130	33032	19.507	ug/l	98

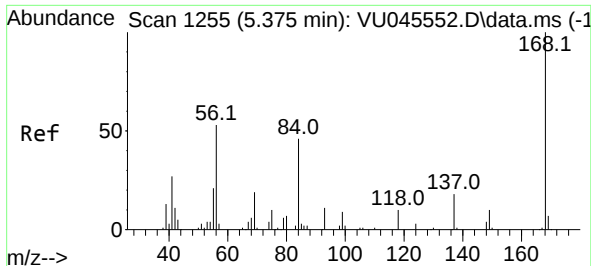
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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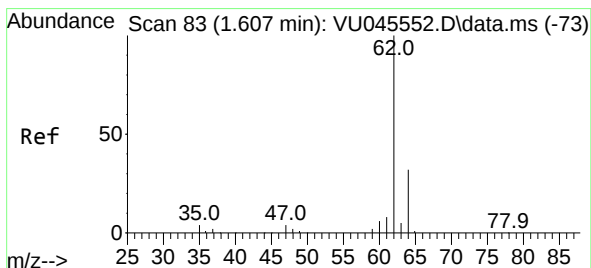
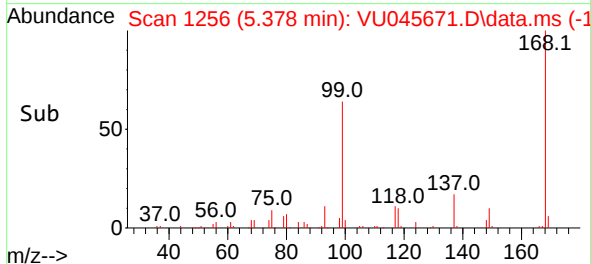
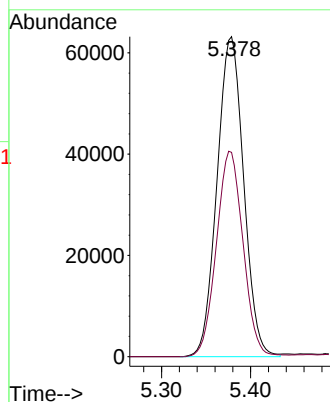
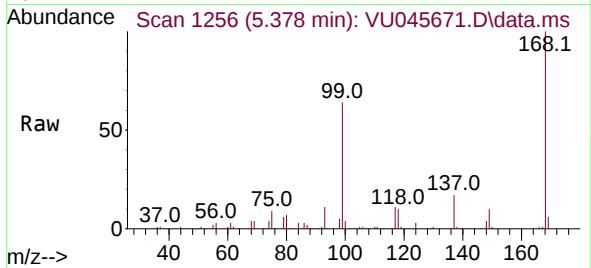




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045671.D
Acq: 09 Nov 2021 20:10

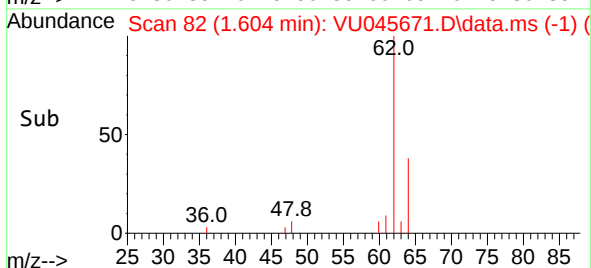
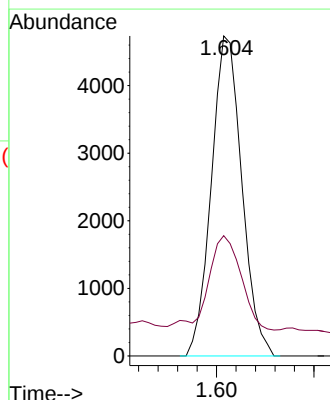
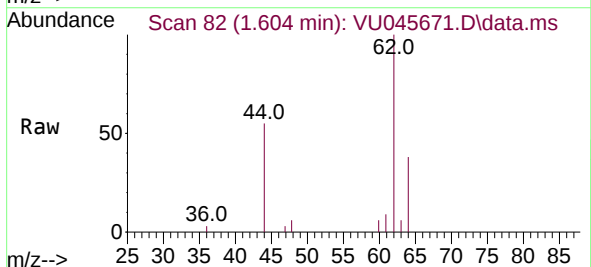
Instrument :
MSVOA_U
ClientSampleId :
BRP2-20211108

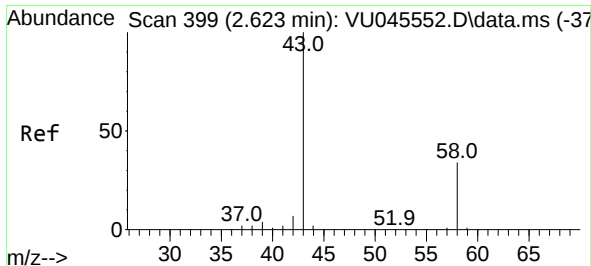
Tgt Ion:168 Resp: 131525
Ion Ratio Lower Upper
168 100
99 63.9 51.0 76.6



#4
Vinyl Chloride
Concen: 2.703 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045671.D
Acq: 09 Nov 2021 20:10

Tgt Ion: 62 Resp: 5137
Ion Ratio Lower Upper
62 100
64 29.4 25.8 38.6





#16

Acetone

Concen: 2.462 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU045671.D

Acq: 09 Nov 2021 20:10

Instrument :

MSVOA_U

ClientSampleId :

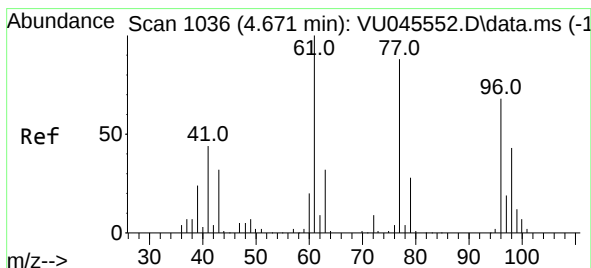
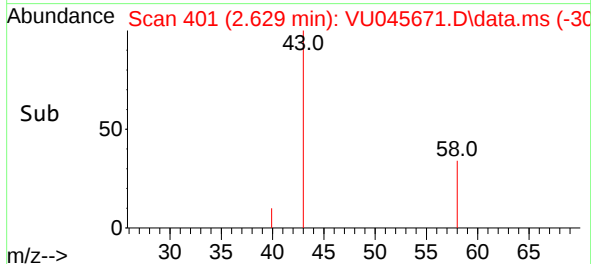
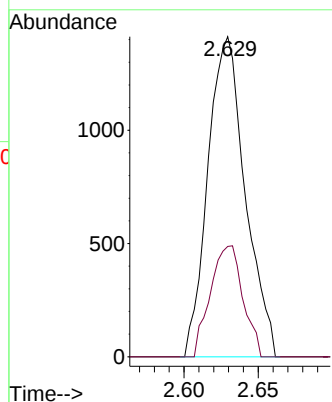
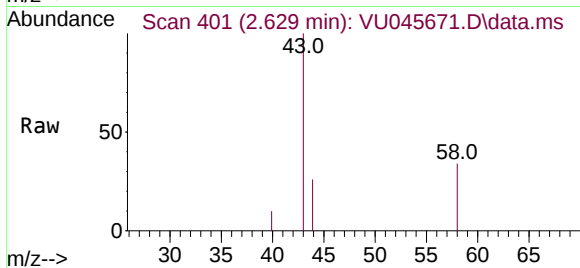
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Tgt Ion: 43 Resp: 2469

Ion Ratio Lower Upper

43 100

58 34.5 26.2 39.2



#27

cis-1,2-Dichloroethene

Concen: 28.297 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045671.D

Acq: 09 Nov 2021 20:10

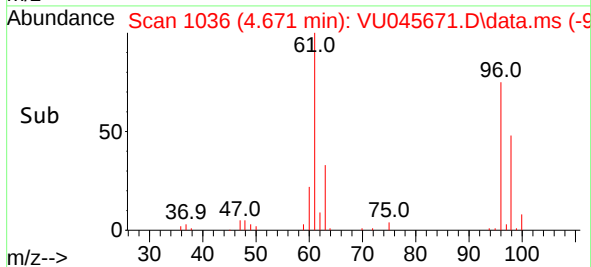
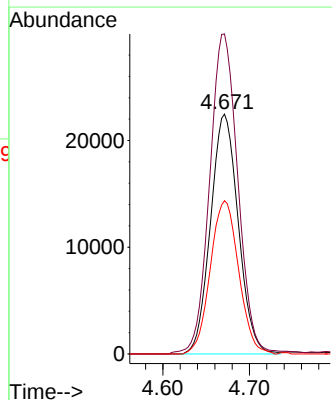
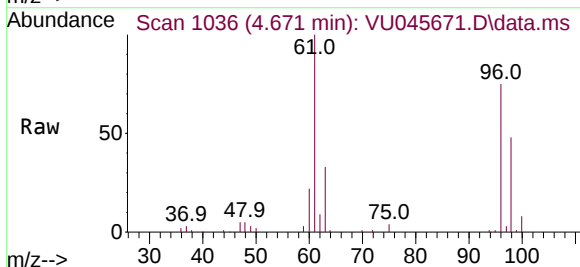
Tgt Ion: 96 Resp: 50032

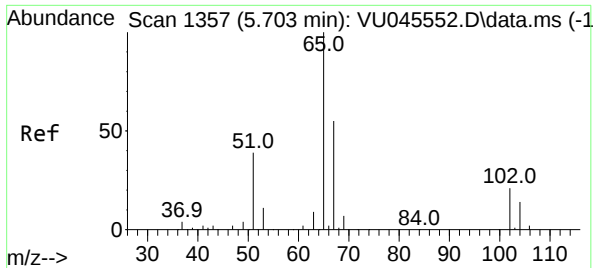
Ion Ratio Lower Upper

96 100

61 136.0 0.0 299.2

98 65.3 0.0 127.6





#33

1,2-Dichloroethane-d4

Concen: 54.596 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU045671.D

Acq: 09 Nov 2021 20:10

Instrument :

MSVOA_U

ClientSampleId :

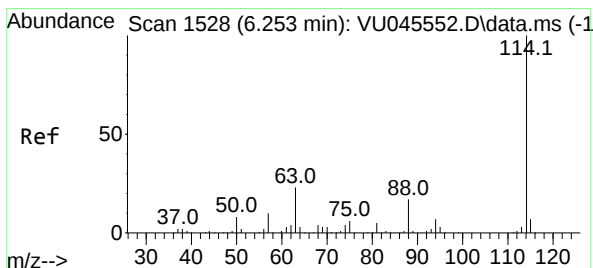
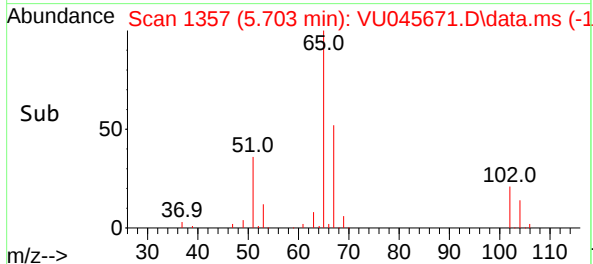
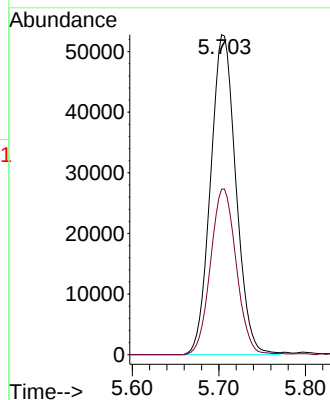
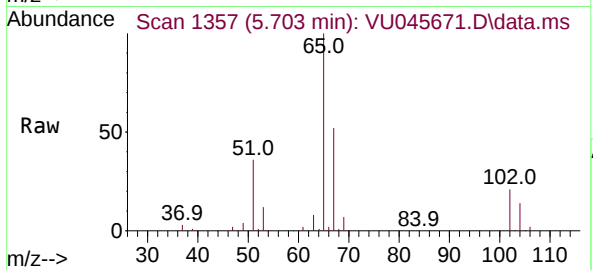
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Tgt Ion: 65 Resp: 107539

Ion Ratio Lower Upper

65 100

67 52.4 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: VU045671.D

Acq: 09 Nov 2021 20:10

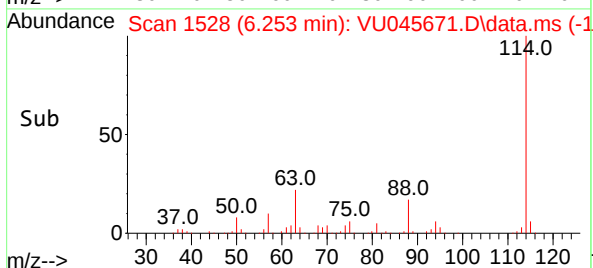
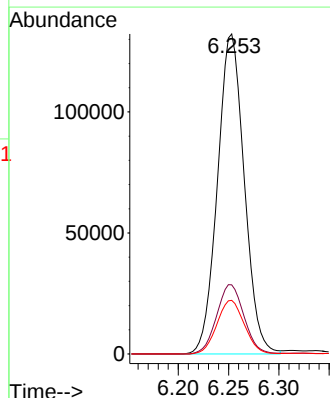
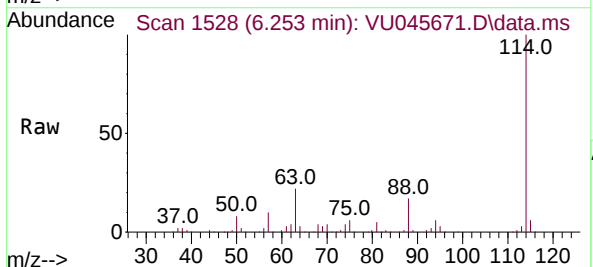
Tgt Ion: 114 Resp: 245048

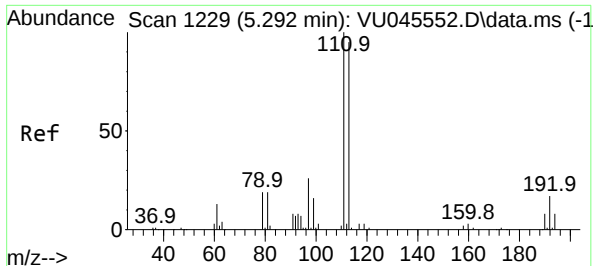
Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.6

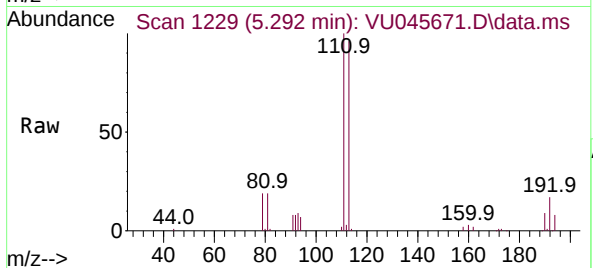
88 16.8 0.0 33.8



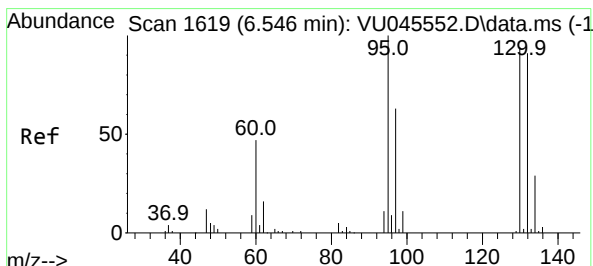
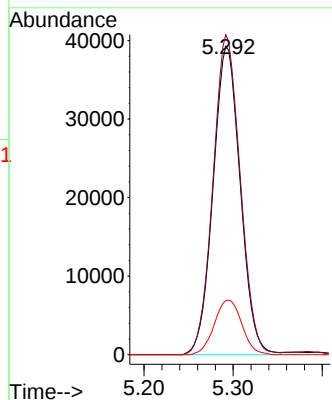
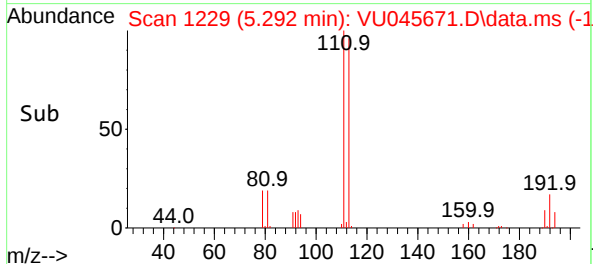


#35
Dibromofluoromethane
Concen: 50.784 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045671.D
Acq: 09 Nov 2021 20:10

Instrument :
MSVOA_U
ClientSampleId :
BRP2-20211108

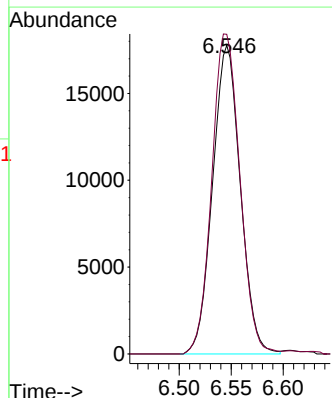
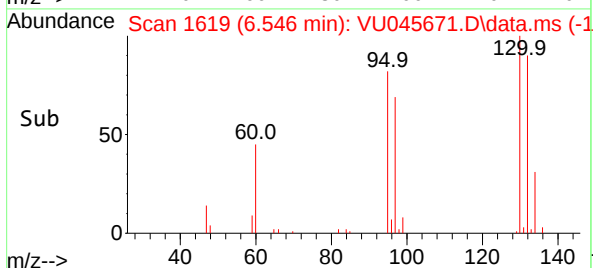
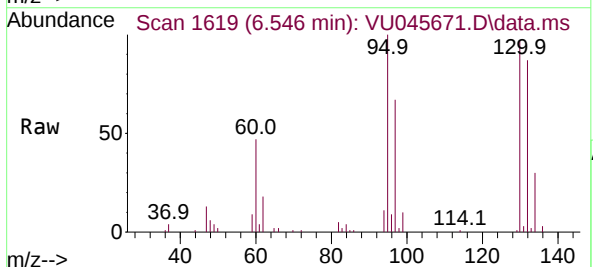


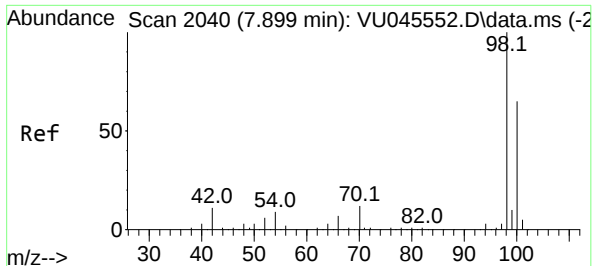
Tgt Ion:113 Resp: 83086
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 18.0 14.8 22.2



#44
Trichloroethene
Concen: 19.507 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045671.D
Acq: 09 Nov 2021 20:10

Tgt Ion:130 Resp: 33032
Ion Ratio Lower Upper
130 100
95 103.6 0.0 211.4





#50

Toluene-d8

Concen: 53.335 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VU045671.D

Acq: 09 Nov 2021 20:10

Instrument :

MSVOA_U

ClientSampleId :

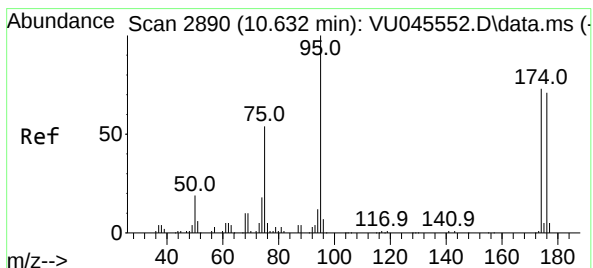
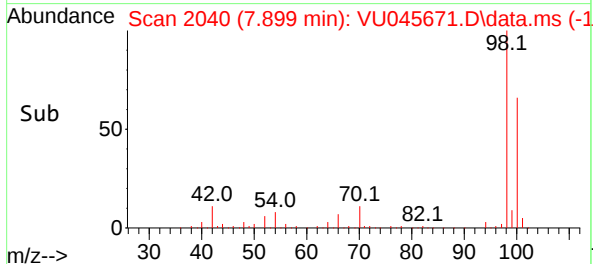
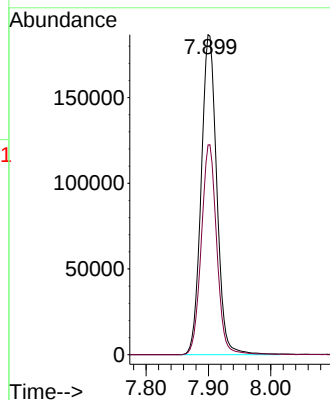
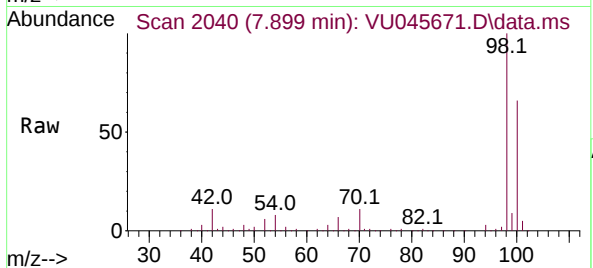
BRP2-20211108

Tgt Ion: 98 Resp: 324474

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 49.767 ug/l

RT: 10.635 min Scan# 2891

Delta R.T. 0.003 min

Lab File: VU045671.D

Acq: 09 Nov 2021 20:10

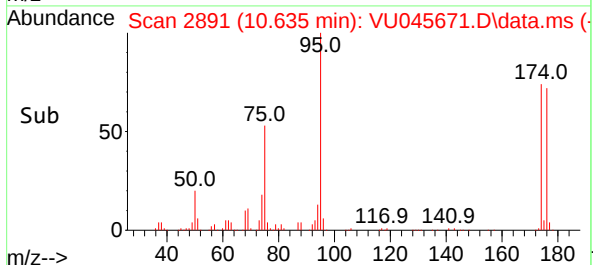
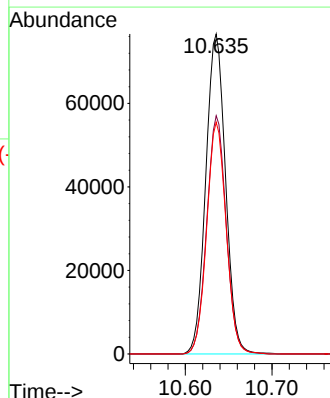
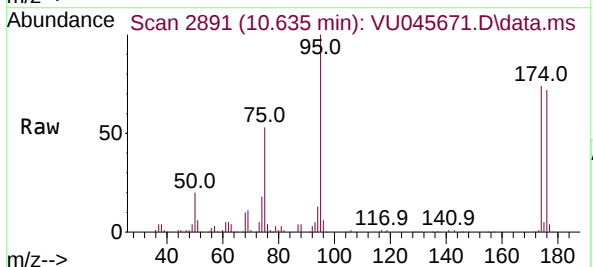
Tgt Ion: 95 Resp: 121408

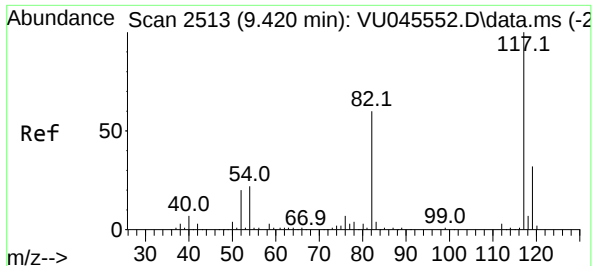
Ion Ratio Lower Upper

95 100

174 73.2 0.0 141.8

176 71.2 0.0 138.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.420 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU045671.D

Acq: 09 Nov 2021 20:10

Instrument :

MSVOA_U

ClientSampleId :

BRP2-20211108

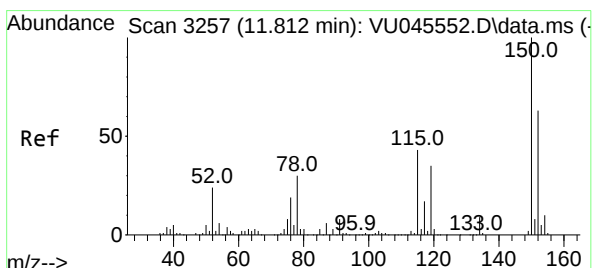
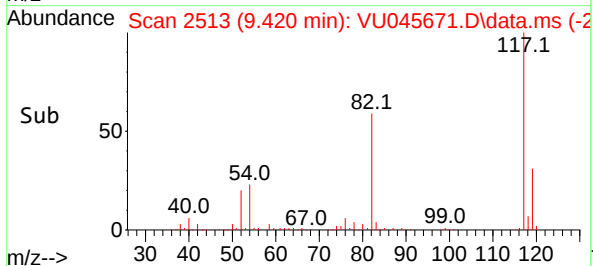
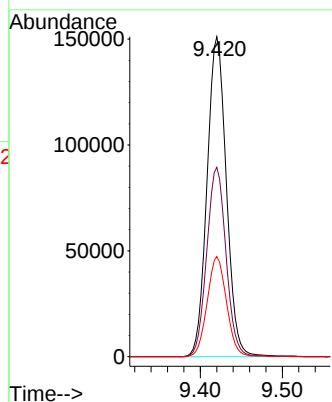
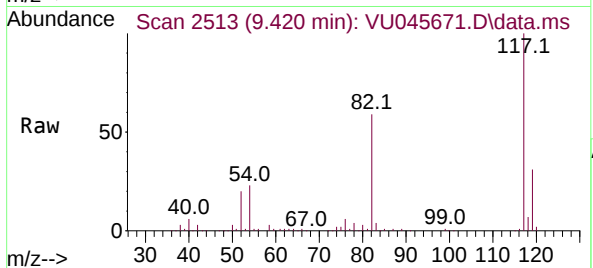
Tgt Ion:117 Resp: 247074

Ion Ratio Lower Upper

117 100

82 59.2 47.8 71.8

119 31.3 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.816 min Scan# 3258

Delta R.T. 0.003 min

Lab File: VU045671.D

Acq: 09 Nov 2021 20:10

Tgt Ion:152 Resp: 121424

Ion Ratio Lower Upper

152 100

115 62.3 42.7 128.1

150 157.4 0.0 346.8

