

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045668.D
 Acq On : 09 Nov 2021 19:00
 Operator : SY/MD
 Sample : M4594-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 48BR-20211108

Quant Time: Nov 10 02:01:46 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)

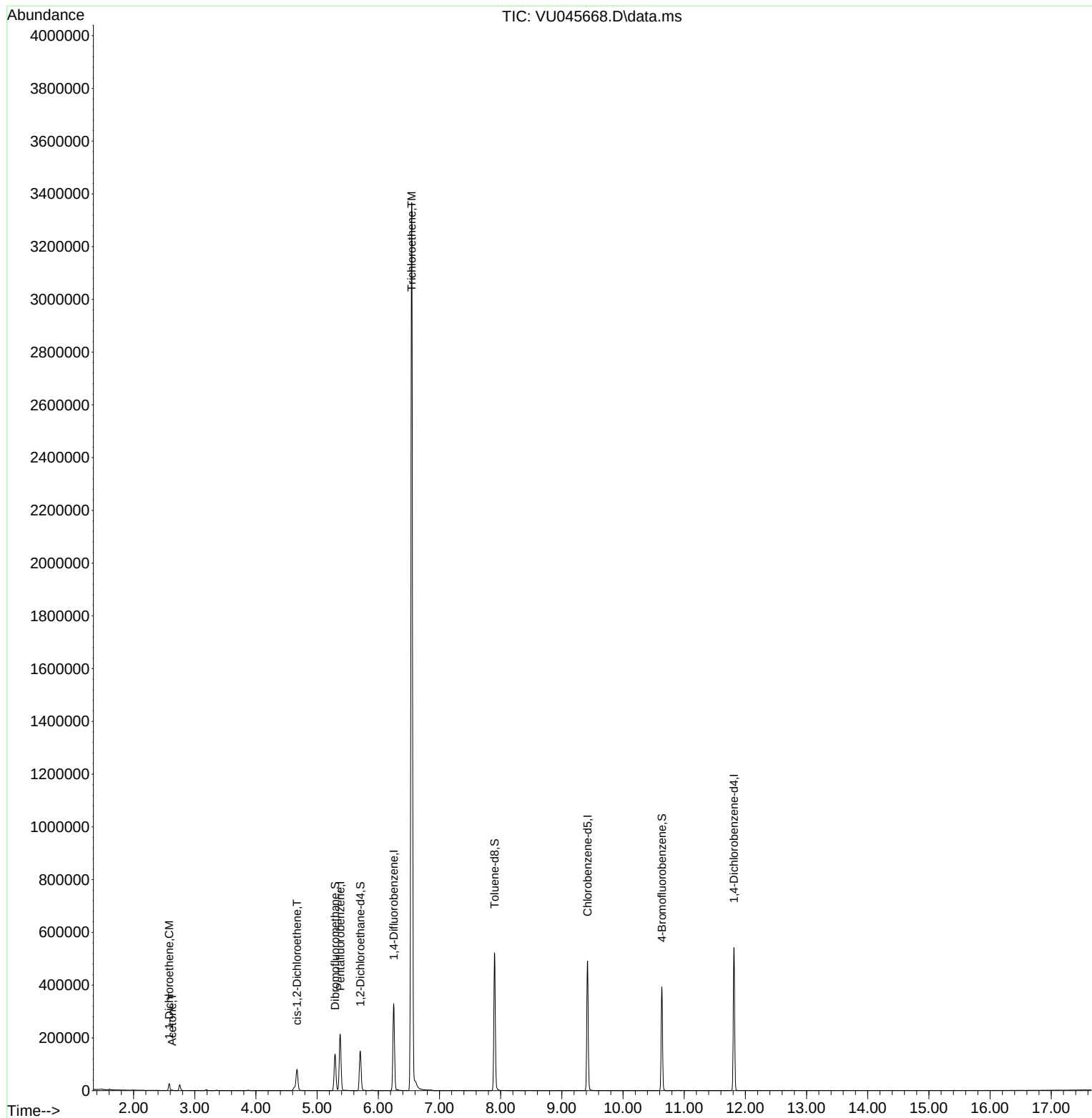
Internal Standards						
1) Pentafluorobenzene	5.379	168	137793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	259604	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	264444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	133837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	112033	54.290	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.580%	
35) Dibromofluoromethane	5.292	113	87143	50.278	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.560%	
50) Toluene-d8	7.899	98	345556	53.616	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.240%	
62) 4-Bromofluorobenzene	10.636	95	132203	51.154	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.300%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.584	96	6892	4.546	ug/l	96
16) Acetone	2.629	43	2628	2.502	ug/l	93
27) cis-1,2-Dichloroethene	4.671	96	40545	21.888	ug/l	91
44) Trichloroethene	6.546	130	1106250	616.668	ug/l	100

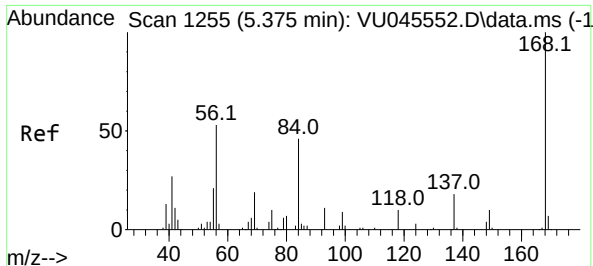
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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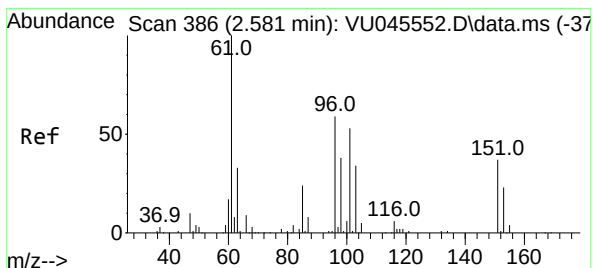
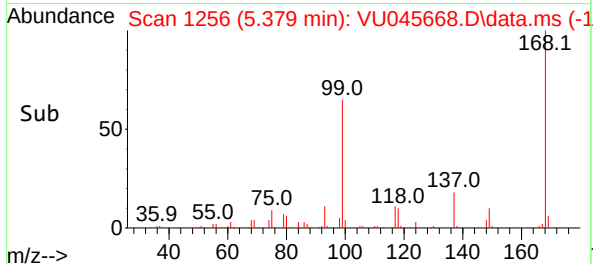
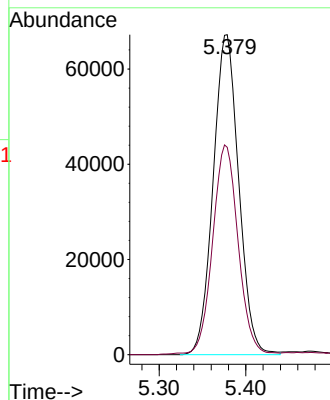
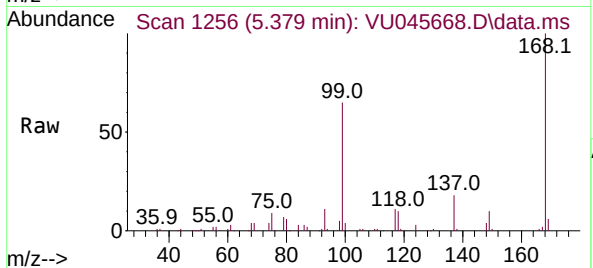




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045668.D
Acq: 09 Nov 2021 19:00

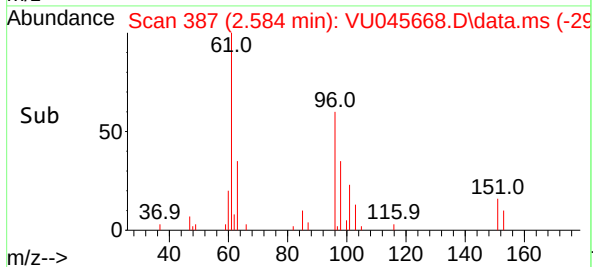
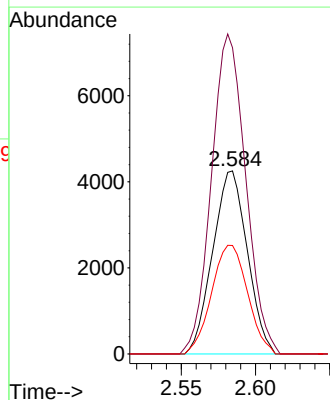
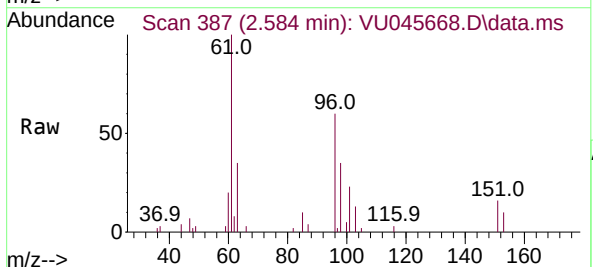
Instrument :
MSVOA_U
ClientSampleId :
48BR-20211108

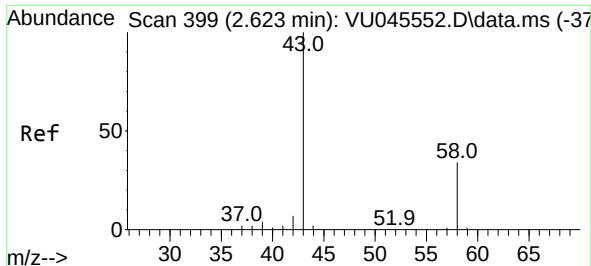
Tgt Ion:168 Resp: 137793
Ion Ratio Lower Upper
168 100
99 64.3 51.0 76.6



#12
1,1-Dichloroethene
Concen: 4.546 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045668.D
Acq: 09 Nov 2021 19:00

Tgt Ion: 96 Resp: 6892
Ion Ratio Lower Upper
96 100
61 167.3 137.1 205.7
98 59.2 51.5 77.3





#16

Acetone

Concen: 2.502 ug/l

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU045668.D

Acq: 09 Nov 2021 19:00

Instrument :

MSVOA_U

ClientSampleId :

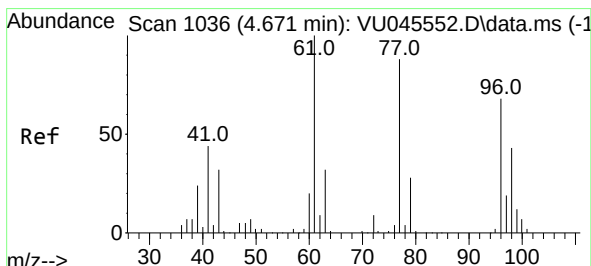
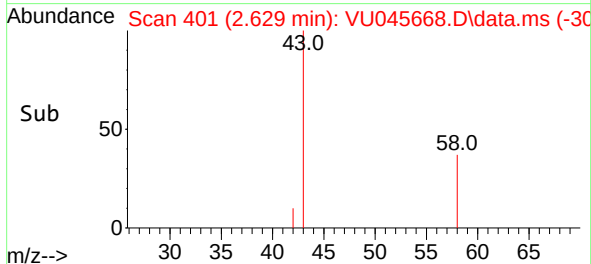
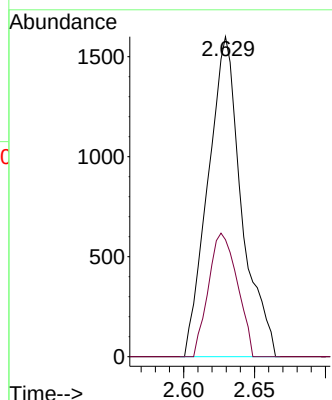
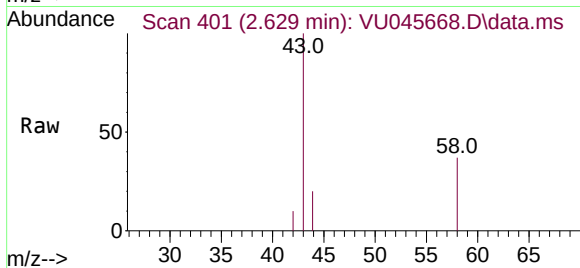
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Tgt Ion: 43 Resp: 2628

Ion Ratio Lower Upper

43 100

58 36.6 26.2 39.2



#27

cis-1,2-Dichloroethene

Concen: 21.888 ug/l

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU045668.D

Acq: 09 Nov 2021 19:00

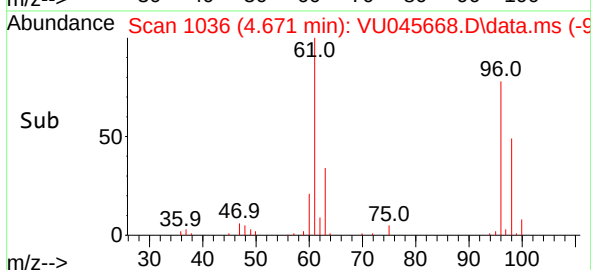
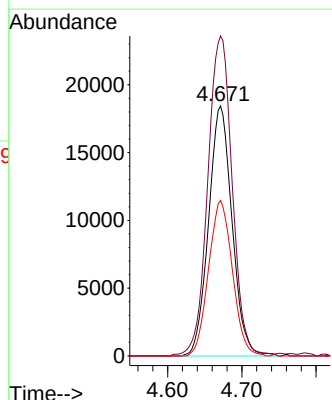
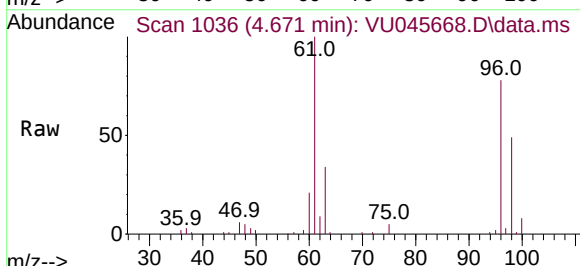
Tgt Ion: 96 Resp: 40545

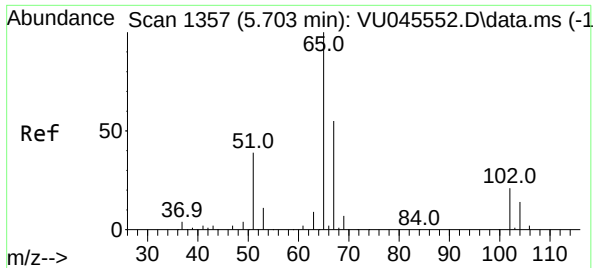
Ion Ratio Lower Upper

96 100

61 133.0 0.0 299.2

98 63.0 0.0 127.6





#33

1,2-Dichloroethane-d4

Concen: 54.290 ug/l

RT: 5.707 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045668.D

Acq: 09 Nov 2021 19:00

Instrument :

MSVOA_U

ClientSampleId :

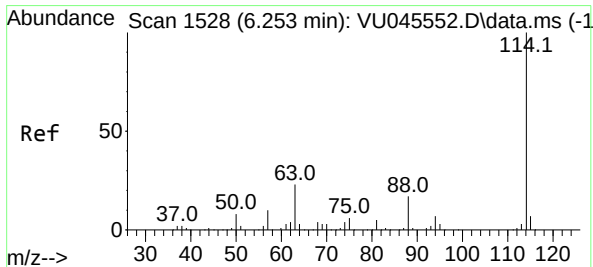
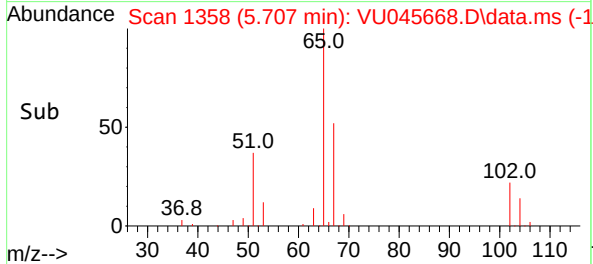
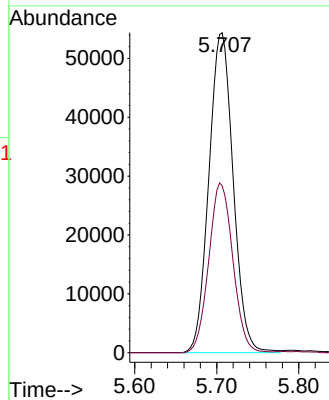
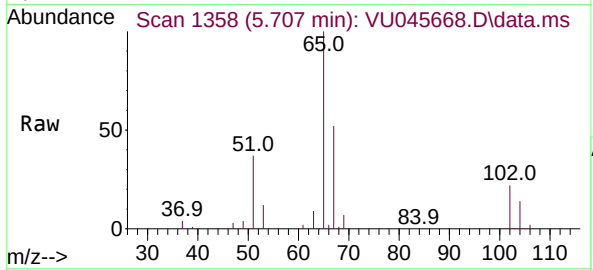
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Tgt Ion: 65 Resp: 112033

Ion Ratio Lower Upper

65 100

67 52.5 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: VU045668.D

Acq: 09 Nov 2021 19:00

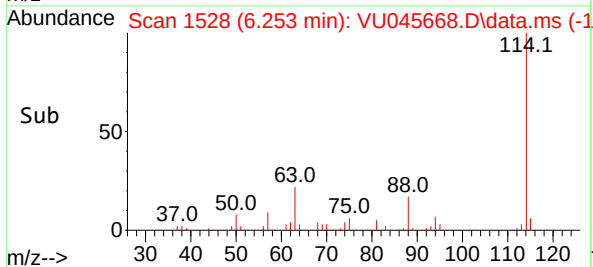
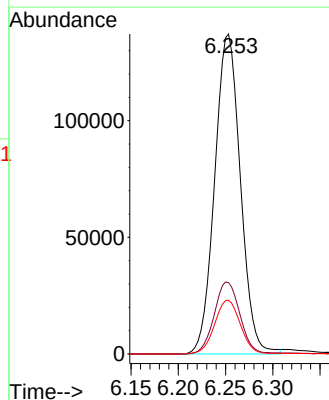
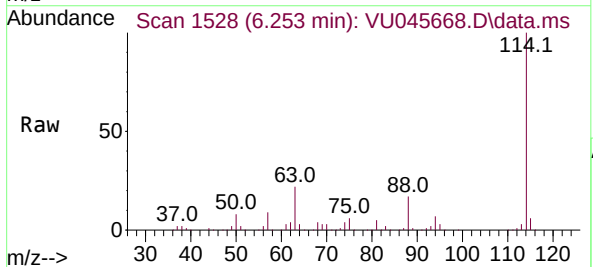
Tgt Ion: 114 Resp: 259604

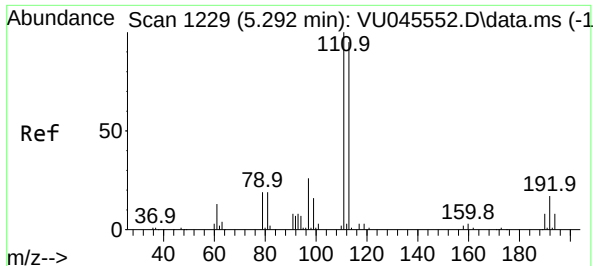
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

88 16.8 0.0 33.8

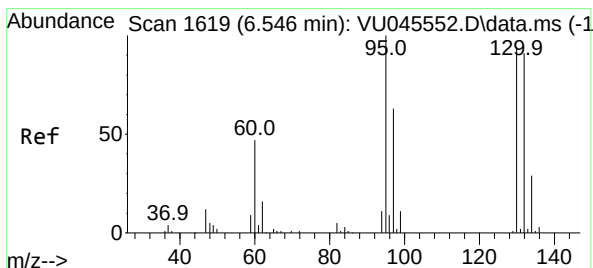
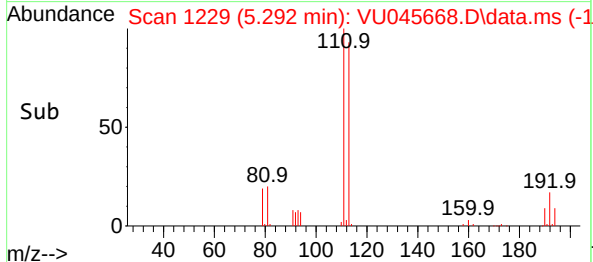
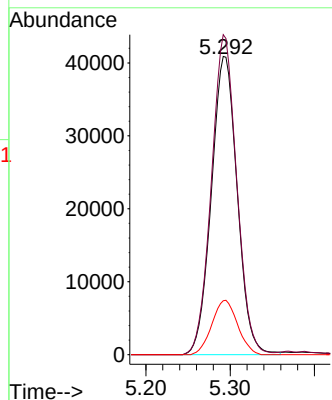
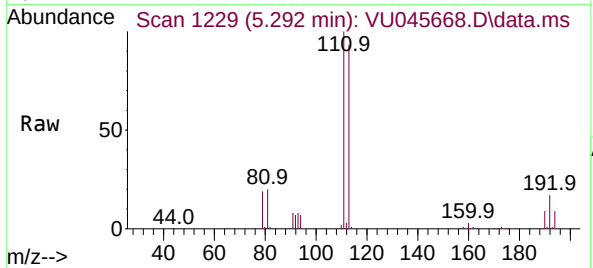




#35
Dibromofluoromethane
Concen: 50.278 ug/l
RT: 5.292 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045668.D
Acq: 09 Nov 2021 19:00

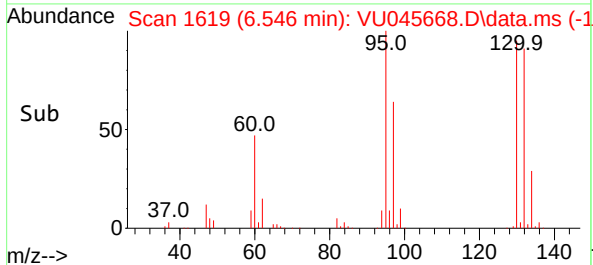
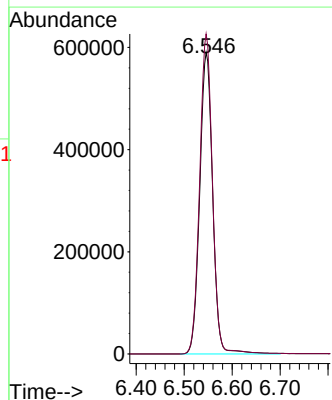
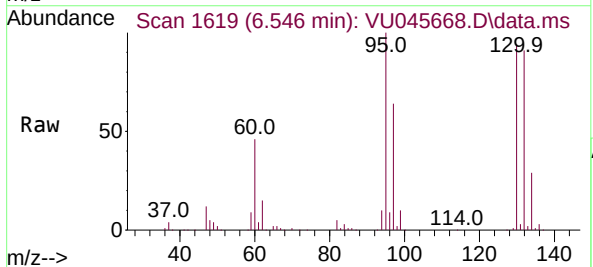
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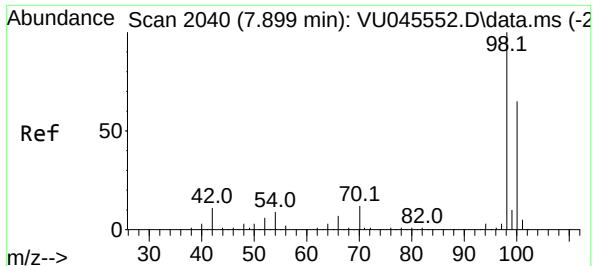
Tgt Ion:113 Resp: 87143
Ion Ratio Lower Upper
113 100
111 105.1 82.8 124.2
192 18.1 14.8 22.2



#44
Trichloroethene
Concen: 616.668 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045668.D
Acq: 09 Nov 2021 19:00

Tgt Ion:130 Resp: 1106250
Ion Ratio Lower Upper
130 100
95 106.1 0.0 211.4

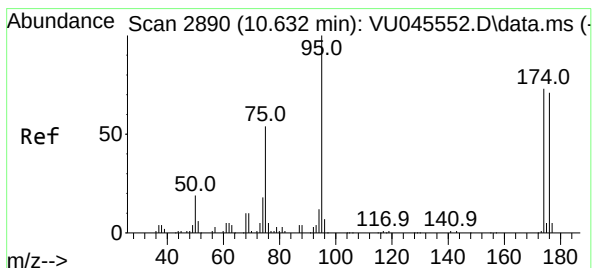
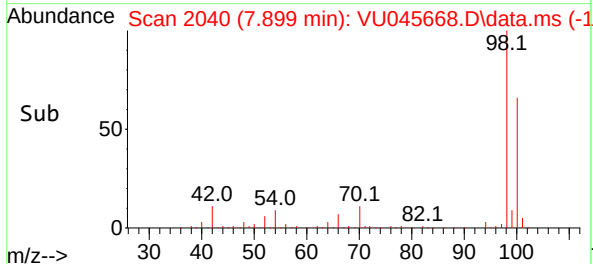
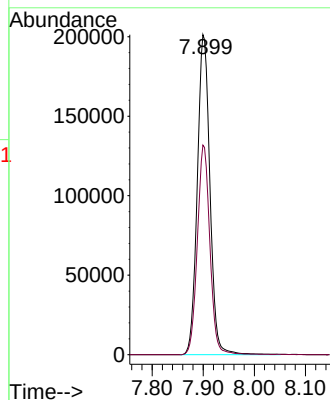
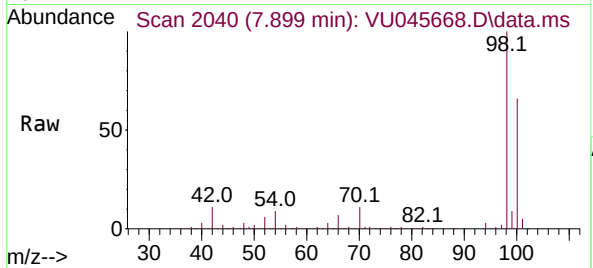




#50
Toluene-d8
Concen: 53.616 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045668.D
Acq: 09 Nov 2021 19:00

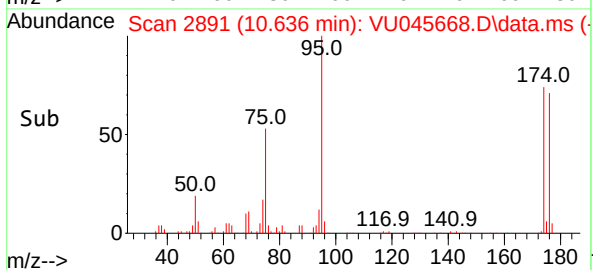
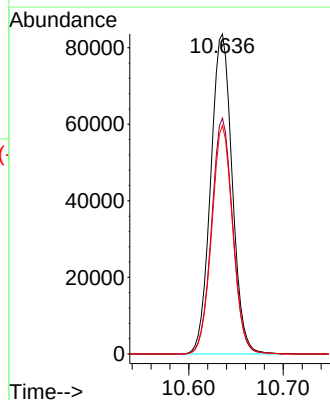
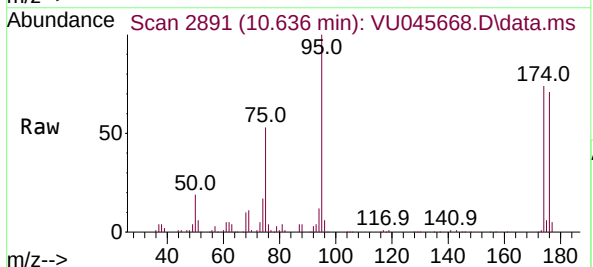
Instrument :
MSVOA_U
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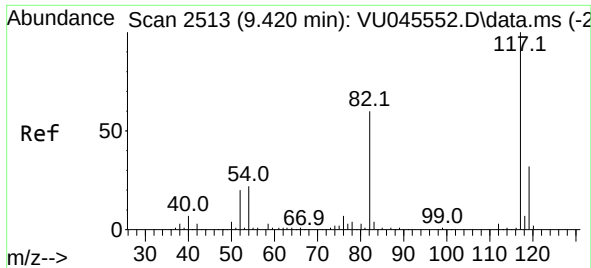
Tgt Ion: 98 Resp: 345556
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 51.154 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045668.D
Acq: 09 Nov 2021 19:00

Tgt Ion: 95 Resp: 132203
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.8
176 70.0 0.0 138.2

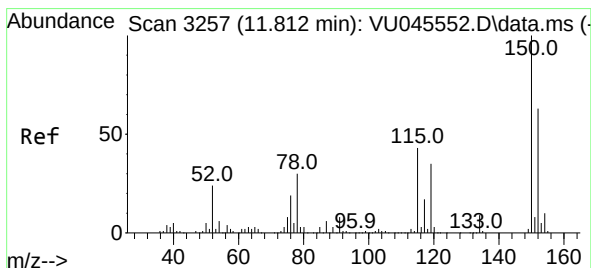
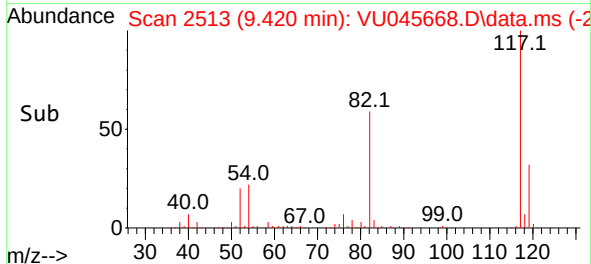
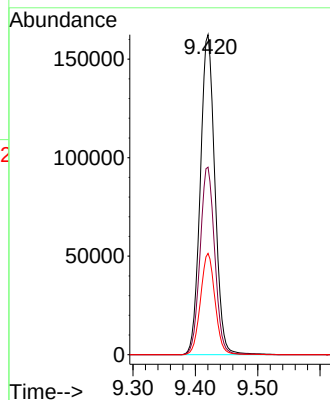
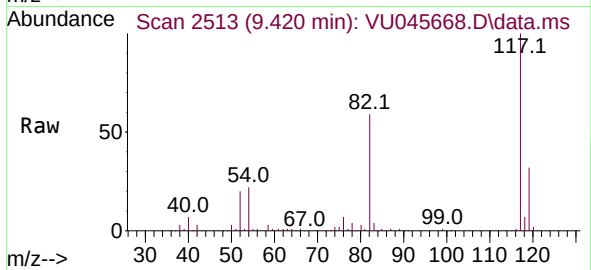




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045668.D
Acq: 09 Nov 2021 19:00

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Tgt Ion:117 Resp: 264444
Ion Ratio Lower Upper
117 100
82 58.6 47.8 71.8
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045668.D
Acq: 09 Nov 2021 19:00

Tgt Ion:152 Resp: 133837
Ion Ratio Lower Upper
152 100
115 62.4 42.7 128.1
150 156.6 0.0 346.8

