

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110921\
 Data File : VU045670.D
 Acq On : 09 Nov 2021 19:46
 Operator : SY/MD
 Sample : M4594-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 91BR-20211108

Quant Time: Nov 10 02:02:20 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	135428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	251808	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	253151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	126087	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	108994	53.740	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.480%
35) Dibromofluoromethane	5.292	113	86122	51.227	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.460%
50) Toluene-d8	7.900	98	328832	52.601	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.200%
62) 4-Bromofluorobenzene	10.636	95	124336	49.599	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.200%

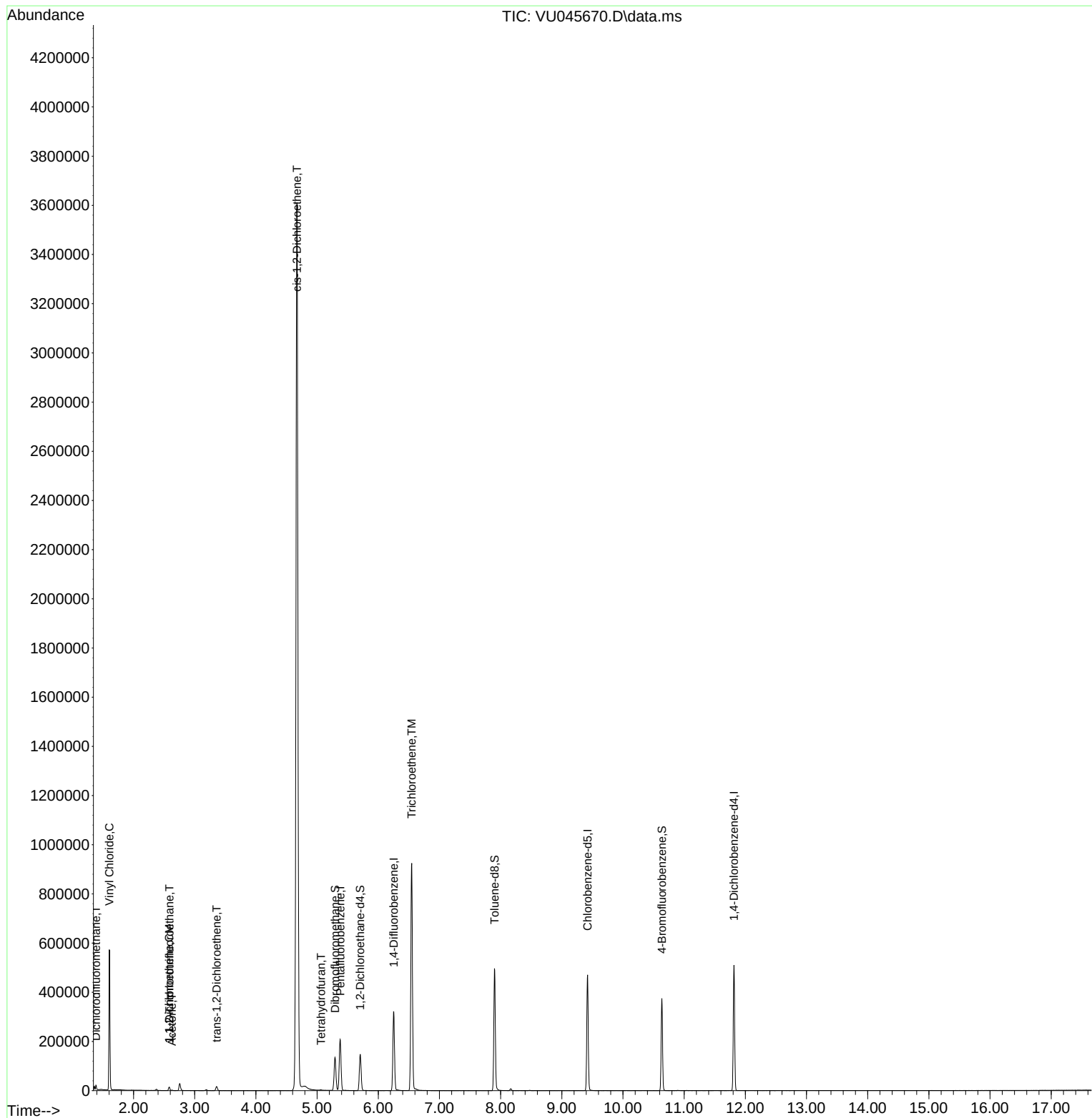
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	10143	5.777	ug/l	99
4) Vinyl Chloride	1.604	62	377195	192.735	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.588	101	1486	0.983	ug/l	89
12) 1,1-Dichloroethene	2.585	96	4087	2.743	ug/l	93
16) Acetone	2.626	43	2418	2.342	ug/l	99
21) trans-1,2-Dichloroethene	3.360	96	7320	4.722	ug/l	90
27) cis-1,2-Dichloroethene	4.671	96	1860823	1022.100	ug/l	90
29) Tetrahydrofuran	5.064	42	923	1.054	ug/l	90
44) Trichloroethene	6.546	130	300641	172.778	ug/l	100

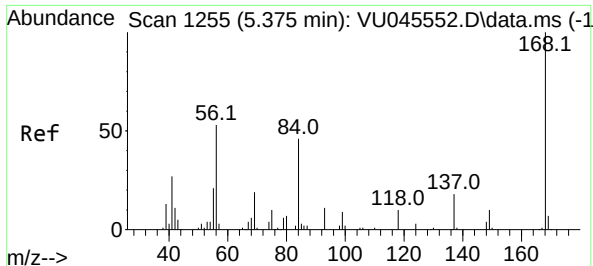
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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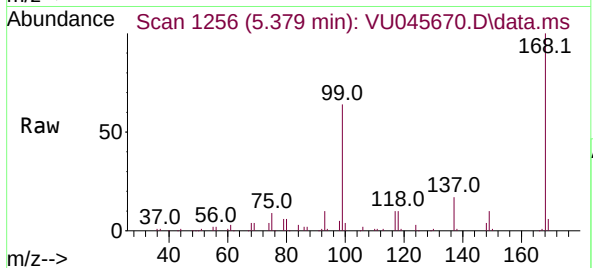
Quant Time: Nov 10 02:02:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
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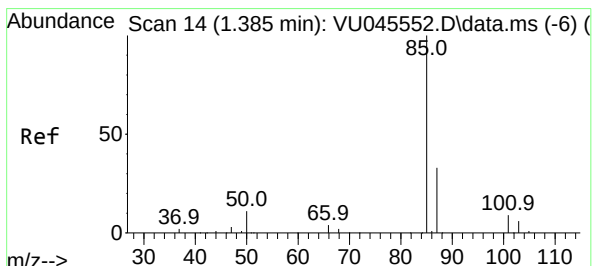
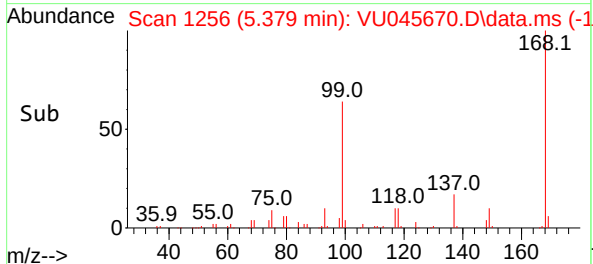
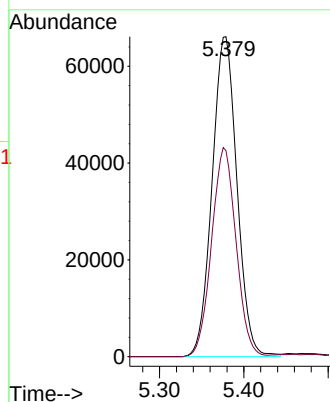


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU045670.D
Acq: 09 Nov 2021 19:46

Instrument :
MSVOA_U
ClientSampleId :
91BR-20211108

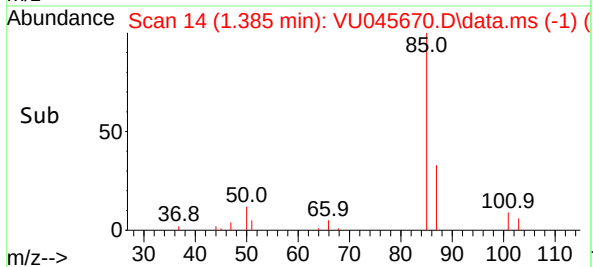
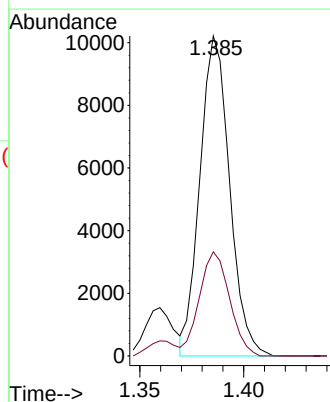
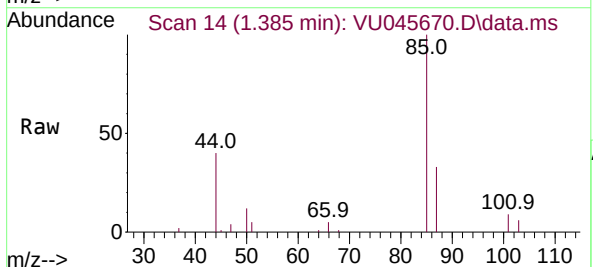


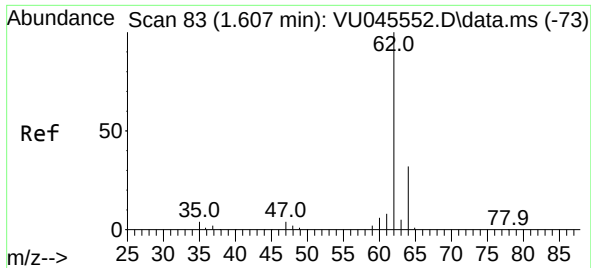
Tgt Ion:168 Resp: 135428
Ion Ratio Lower Upper
168 100
99 64.4 51.0 76.6



#2
Dichlorodifluoromethane
Concen: 5.777 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045670.D
Acq: 09 Nov 2021 19:46

Tgt Ion: 85 Resp: 10143
Ion Ratio Lower Upper
85 100
87 32.6 15.9 47.7

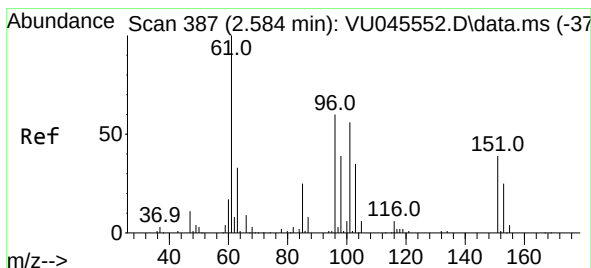
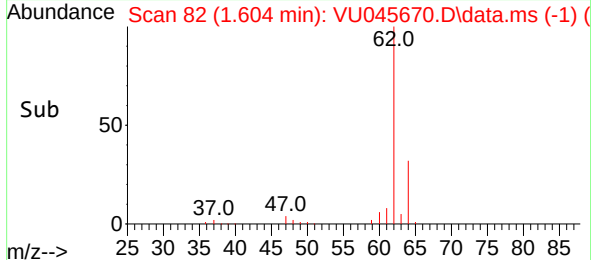
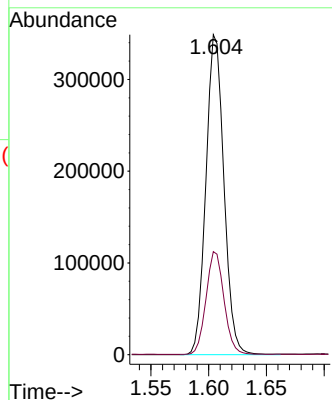
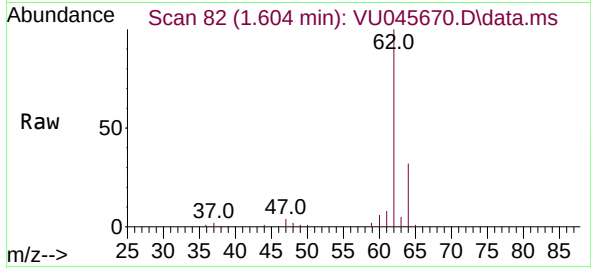




#4
 Vinyl Chloride
 Concen: 192.735 ug/l
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU045670.D
 Acq: 09 Nov 2021 19:46

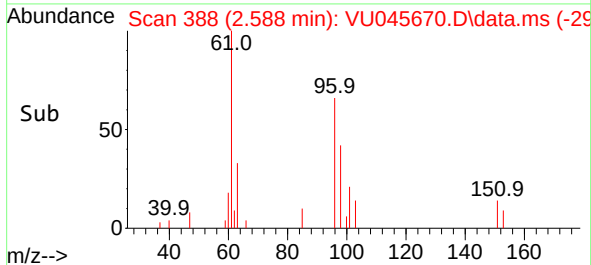
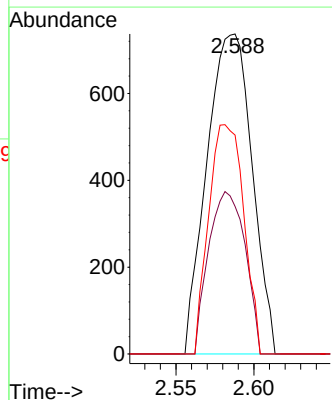
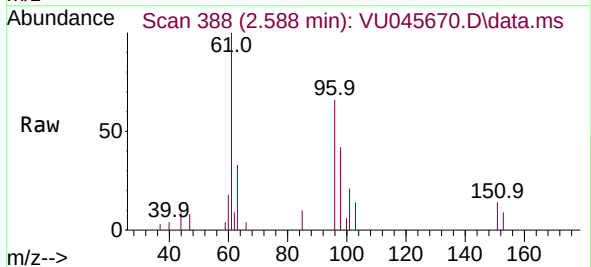
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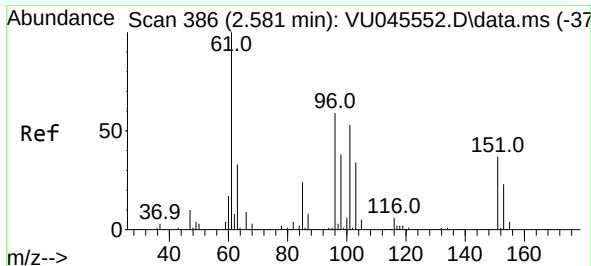
Tgt Ion: 62 Resp: 377195
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.8 38.6



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.983 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU045670.D
 Acq: 09 Nov 2021 19:46

Tgt Ion: 101 Resp: 1486
 Ion Ratio Lower Upper
 101 100
 85 40.9 35.0 52.4
 151 55.5 54.6 82.0





#12

1,1-Dichloroethene

Concen: 2.743 ug/l

RT: 2.585 min Scan# 386

Delta R.T. 0.003 min

Lab File: VU045670.D

Acq: 09 Nov 2021 19:46

Instrument :

MSVOA_U

ClientSampleId :

91BR-20211108

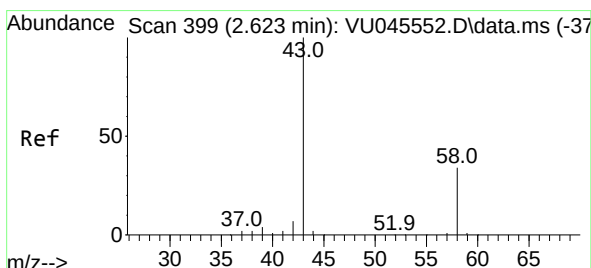
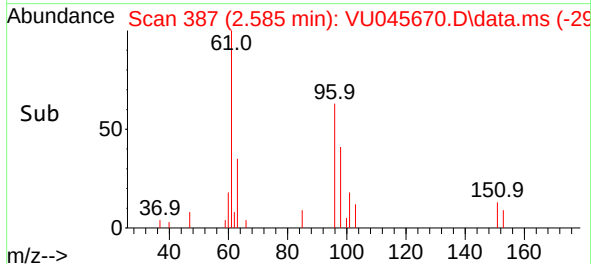
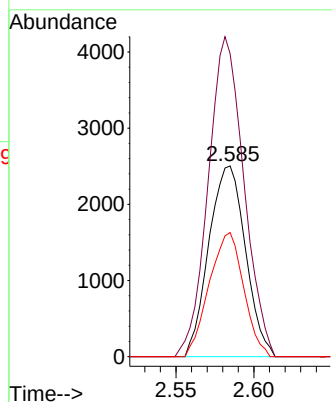
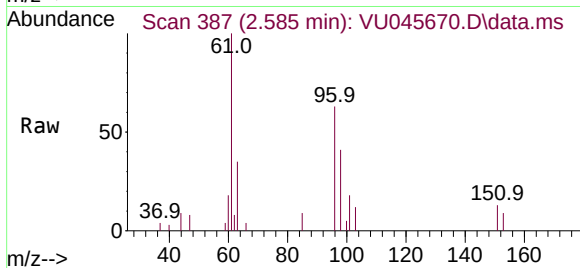
Tgt Ion: 96 Resp: 4087

Ion Ratio Lower Upper

96 100

61 158.8 137.1 205.7

98 65.1 51.5 77.3



#16

Acetone

Concen: 2.342 ug/l

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU045670.D

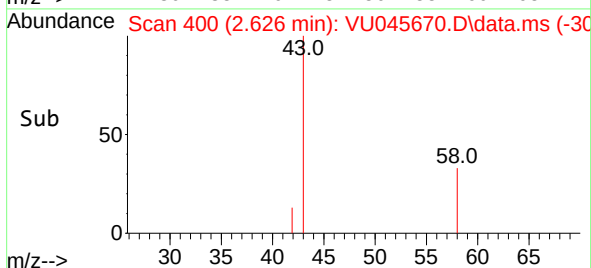
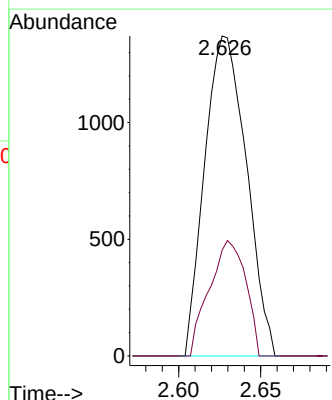
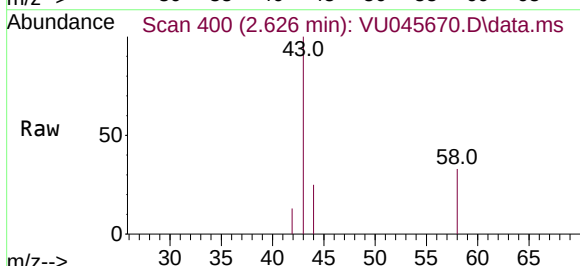
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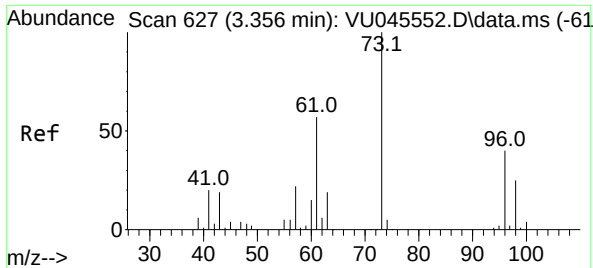
Tgt Ion: 43 Resp: 2418

Ion Ratio Lower Upper

43 100

58 33.0 26.2 39.2

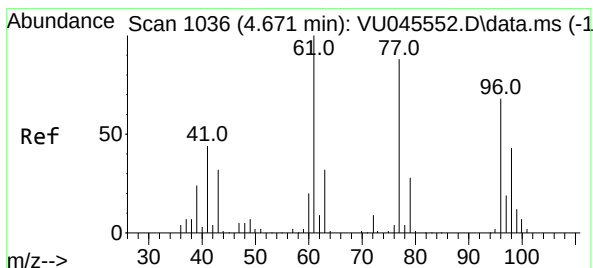
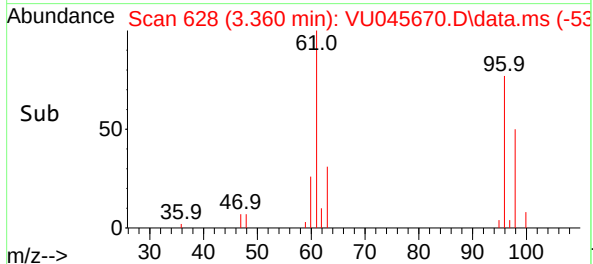
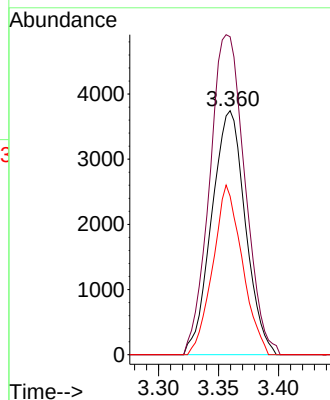
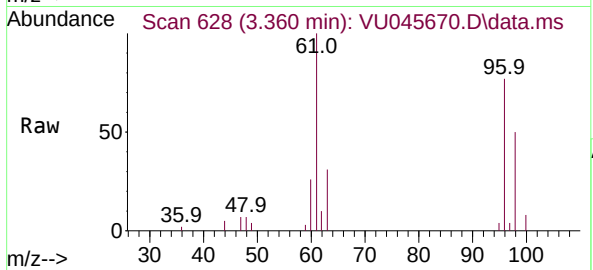




#21
trans-1,2-Dichloroethene
Concen: 4.722 ug/l
RT: 3.360 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045670.D
Acq: 09 Nov 2021 19:46

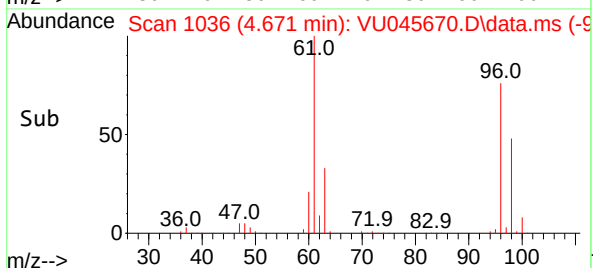
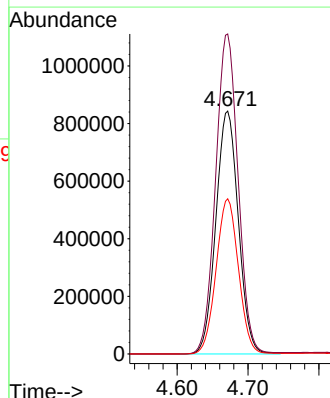
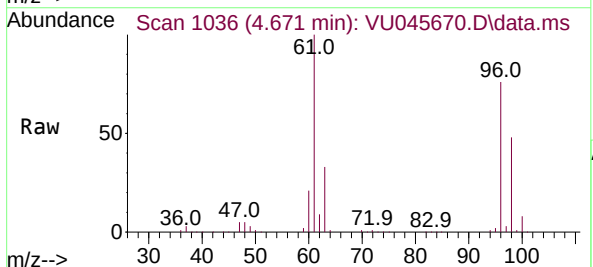
Instrument :
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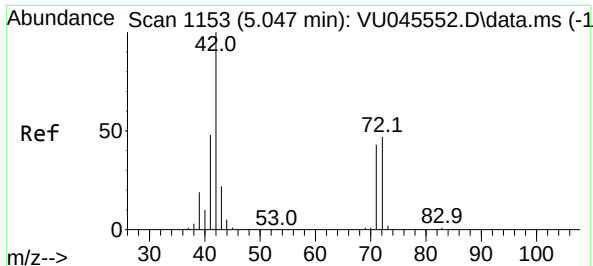
Tgt Ion: 96 Resp: 7320
Ion Ratio Lower Upper
96 100
61 130.3 118.2 177.4
98 64.9 52.1 78.1



#27
cis-1,2-Dichloroethene
Concen: 1022.100 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045670.D
Acq: 09 Nov 2021 19:46

Tgt Ion: 96 Resp: 1860823
Ion Ratio Lower Upper
96 100
61 131.7 0.0 299.2
98 63.6 0.0 127.6

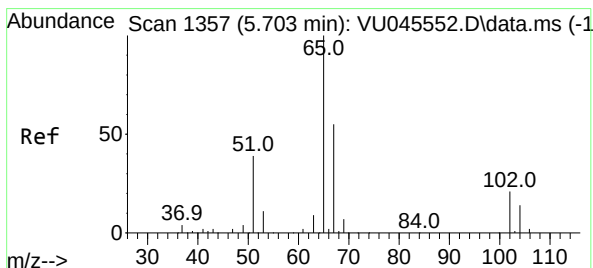
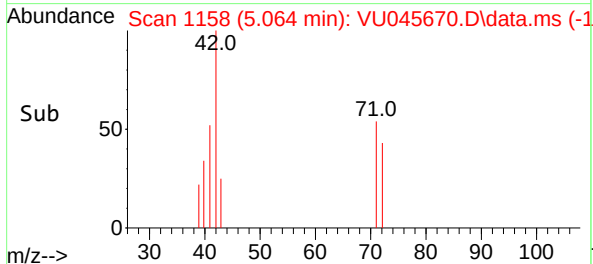
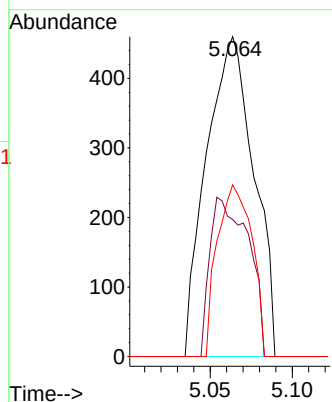
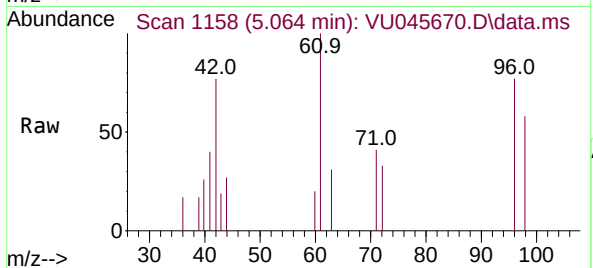




#29
Tetrahydrofuran
Concen: 1.054 ug/l
RT: 5.064 min Scan# 1158
Delta R.T. 0.016 min
Lab File: VU045670.D
Acq: 09 Nov 2021 19:46

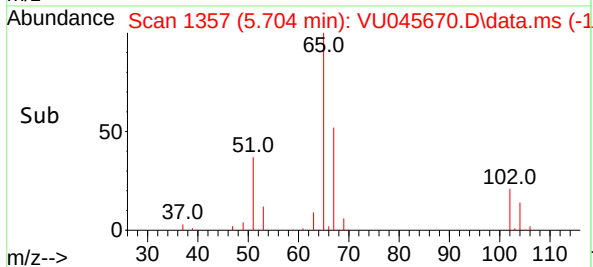
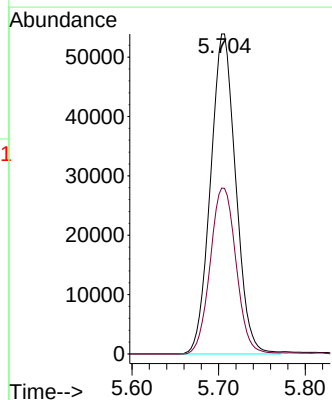
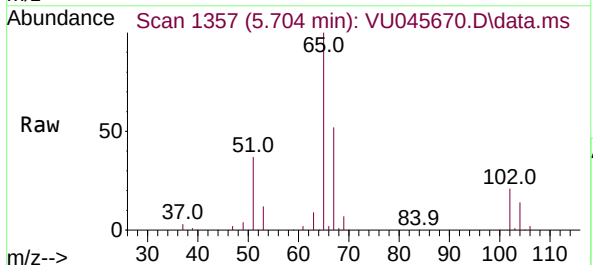
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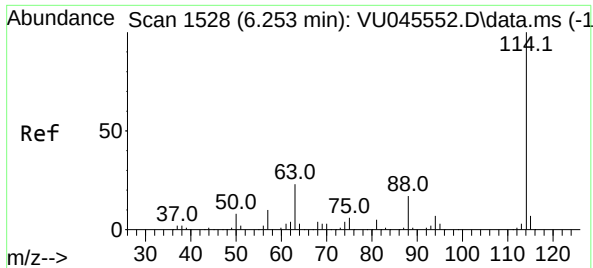
Tgt Ion: 42	Resp: 923
Ion Ratio	Lower Upper
42 100	
72 40.4	38.2 57.4
71 39.1	35.4 53.2



#33
1,2-Dichloroethane-d4
Concen: 53.740 ug/l
RT: 5.704 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VU045670.D
Acq: 09 Nov 2021 19:46

Tgt Ion: 65	Resp: 108994
Ion Ratio	Lower Upper
65 100	
67 53.3	0.0 105.8

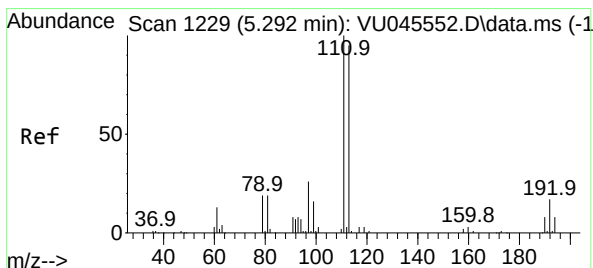
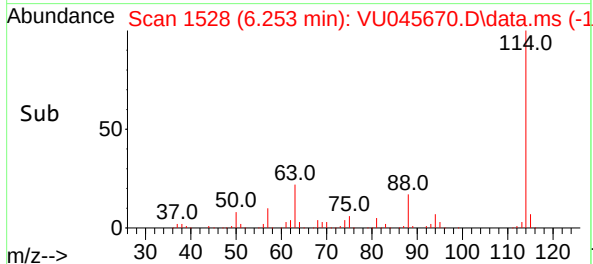
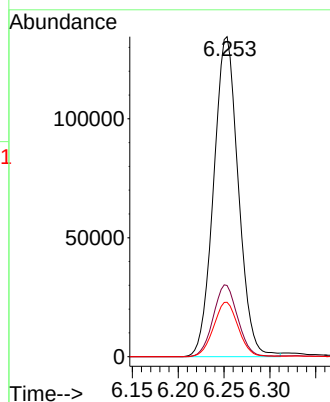
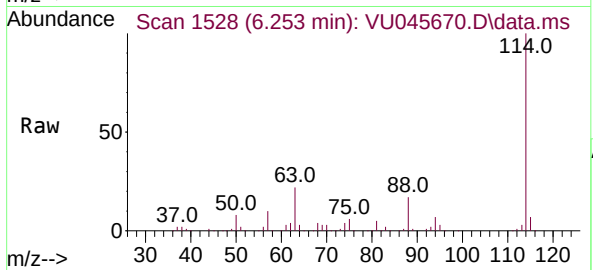




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045670.D
Acq: 09 Nov 2021 19:46

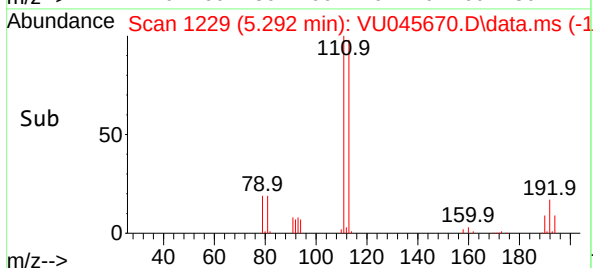
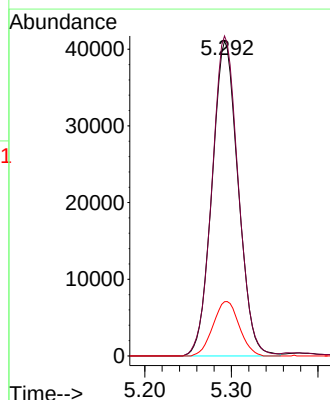
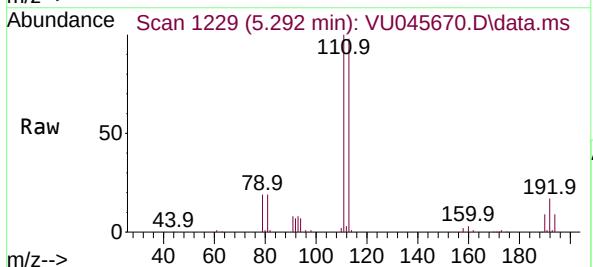
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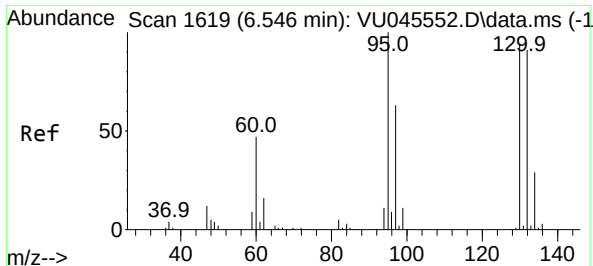
Tgt Ion:114 Resp: 251808
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.6
88 17.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.227 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045670.D
Acq: 09 Nov 2021 19:46

Tgt Ion:113 Resp: 86122
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 17.3 14.8 22.2

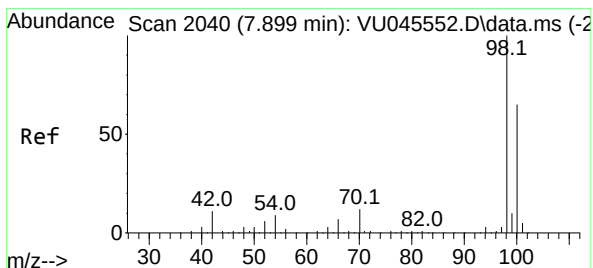
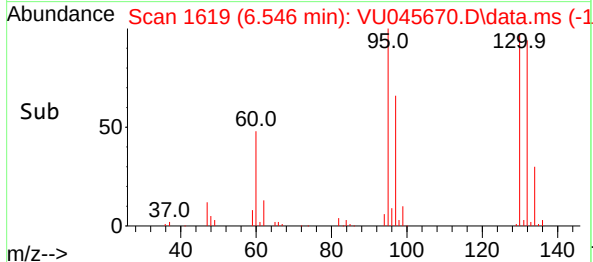
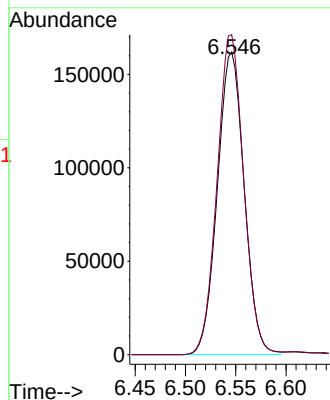
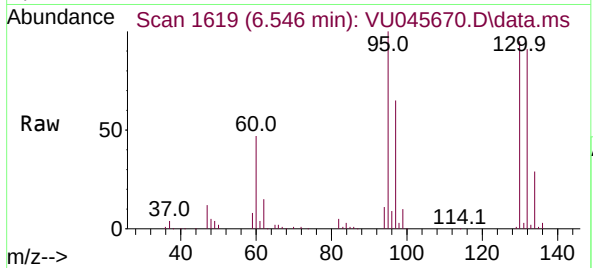




#44
Trichloroethene
Concen: 172.778 ug/l
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045670.D
Acq: 09 Nov 2021 19:46

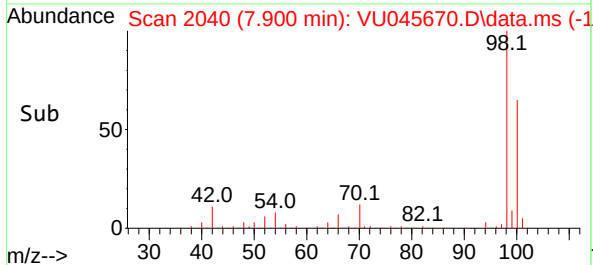
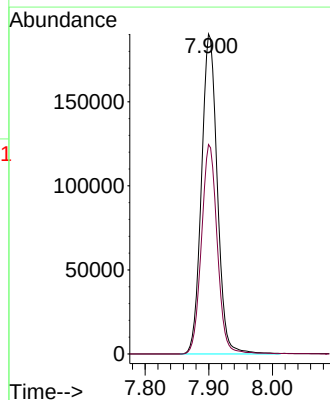
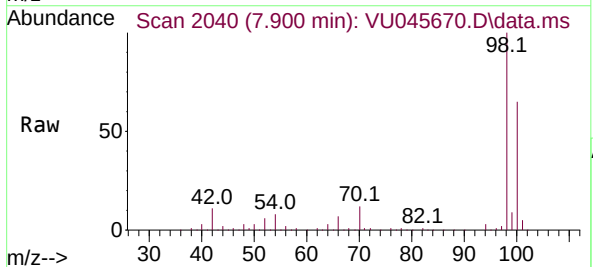
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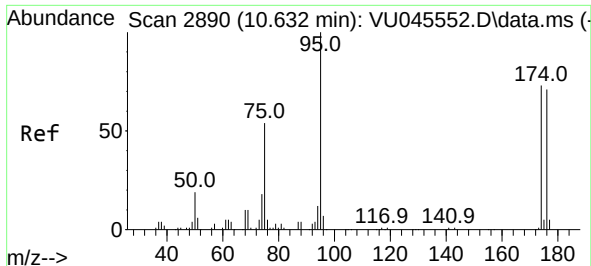
Tgt Ion:130 Resp: 300641
Ion Ratio Lower Upper
130 100
95 105.7 0.0 211.4



#50
Toluene-d8
Concen: 52.601 ug/l
RT: 7.900 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045670.D
Acq: 09 Nov 2021 19:46

Tgt Ion: 98 Resp: 328832
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7

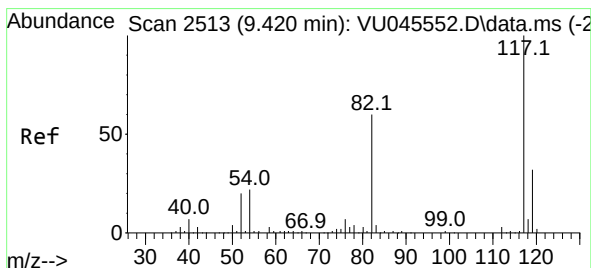
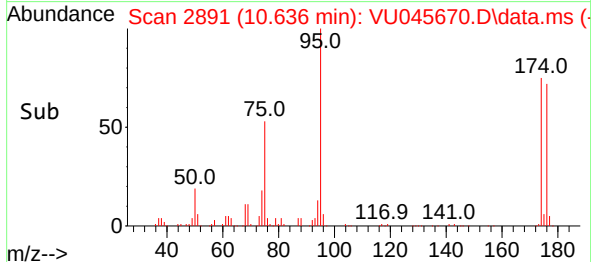
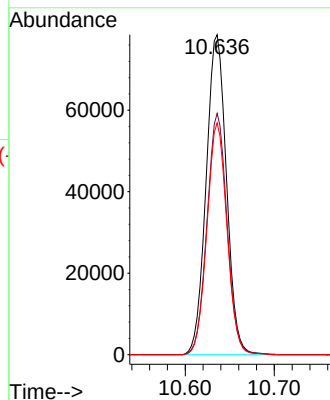
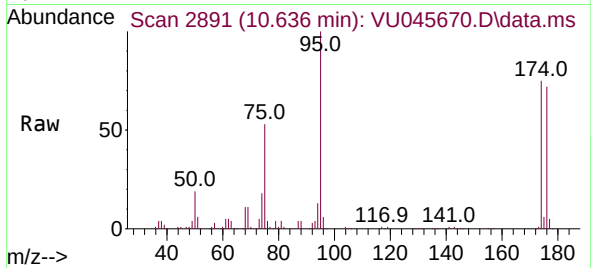




#62
4-Bromofluorobenzene
Concen: 49.599 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045670.D
Acq: 09 Nov 2021 19:46

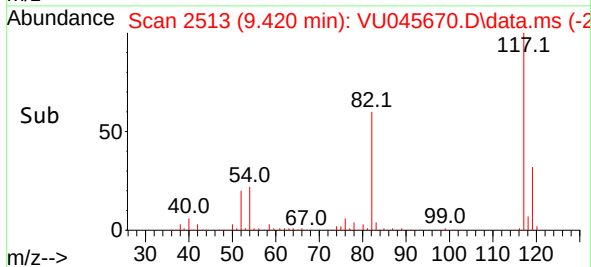
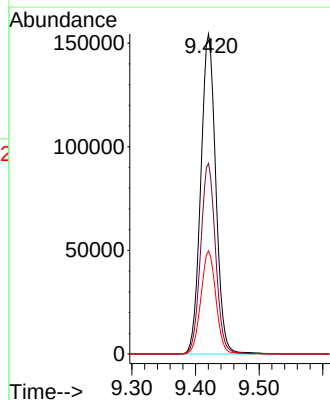
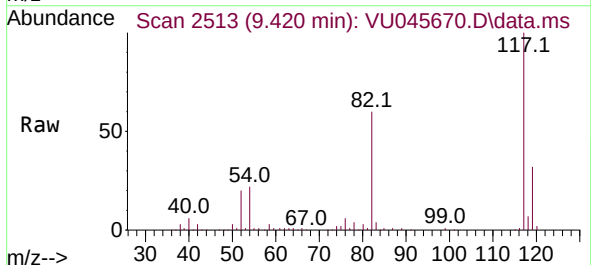
Instrument :
MSVOA_U
ClientSampleId :
91BR-20211108

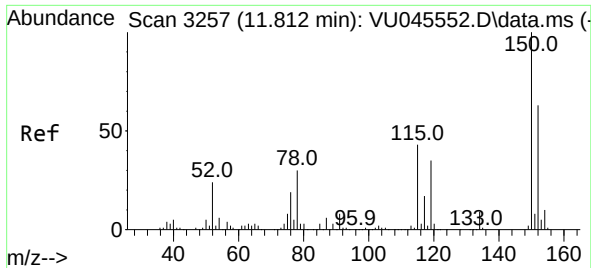
Tgt Ion: 95 Resp: 124336
Ion Ratio Lower Upper
95 100
174 74.6 0.0 141.8
176 71.2 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045670.D
Acq: 09 Nov 2021 19:46

Tgt Ion: 117 Resp: 253151
Ion Ratio Lower Upper
117 100
82 59.5 47.8 71.8
119 32.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.813 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045670.D

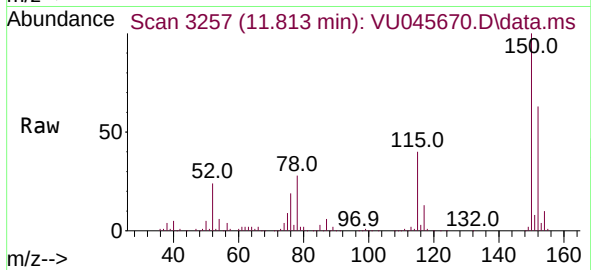
Acq: 09 Nov 2021 19:46

Instrument :

MSVOA_U

ClientSampleId :

91BR-20211108



Tgt Ion:152 Resp: 126087

Ion Ratio Lower Upper

152 100

115 62.5 42.7 128.1

150 158.5 0.0 346.8

