

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004520.D
 Acq On : 08 Aug 2018 03:39
 Operator : SY/AP
 Sample : J4313-15
 Misc : 4.89G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-12

Quant Time: Aug 08 09:18:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	363233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	649077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	605119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	219205	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	234465	58.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.62%	
35) Dibromofluoromethane	7.88	113	207495	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	10.33	98	548765	33.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.52%	
62) 4-Bromofluorobenzene	12.62	95	163737	27.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.10%	

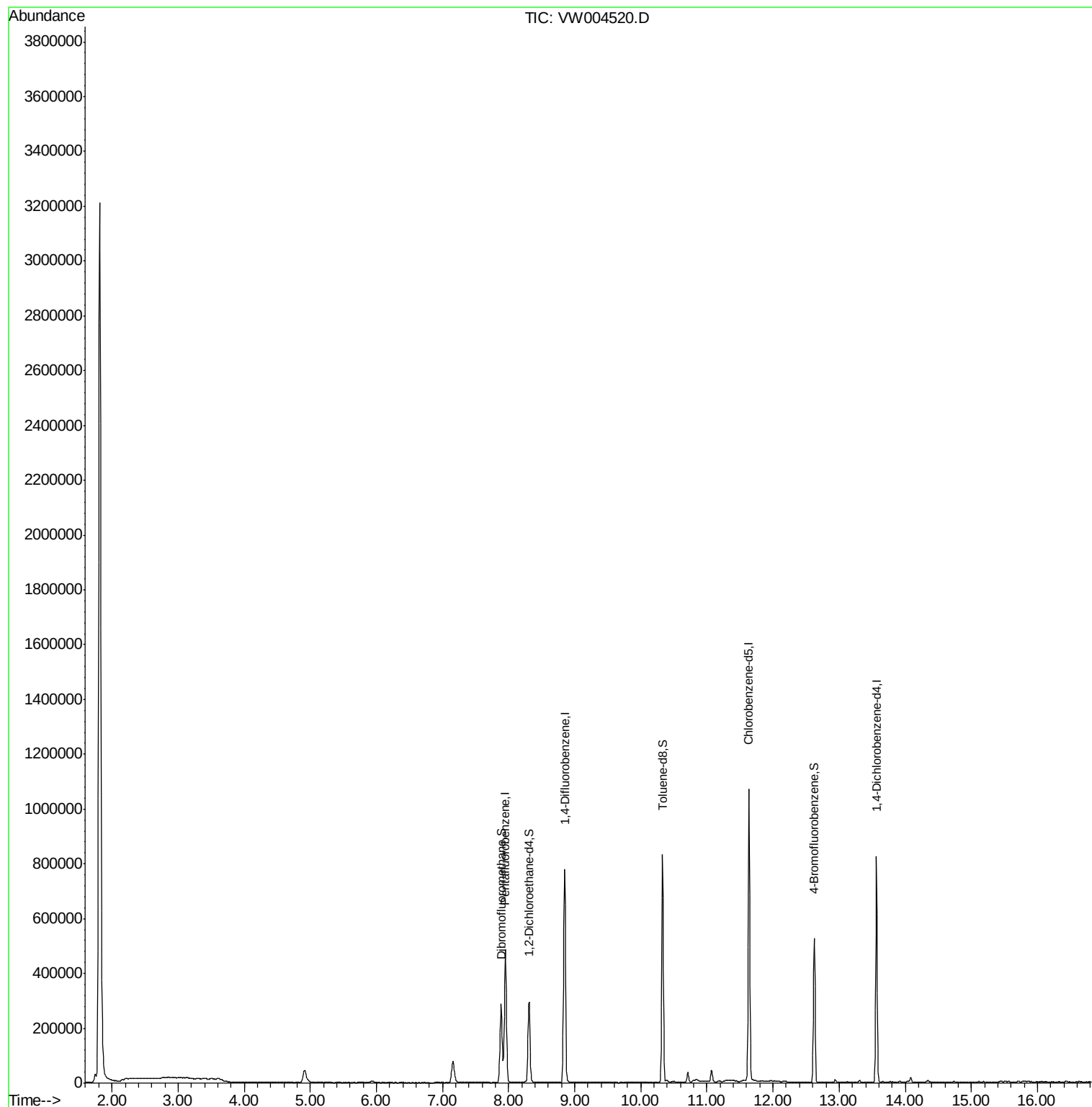
Target Compounds	Qvalue

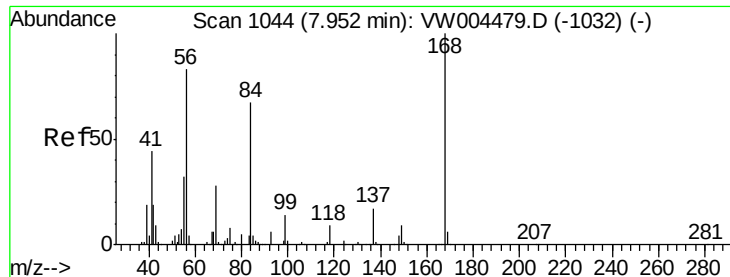
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004520.D

Acq: 08 Aug 2018 03:39

Instrument :

MSVOA_W

ClientSampled :

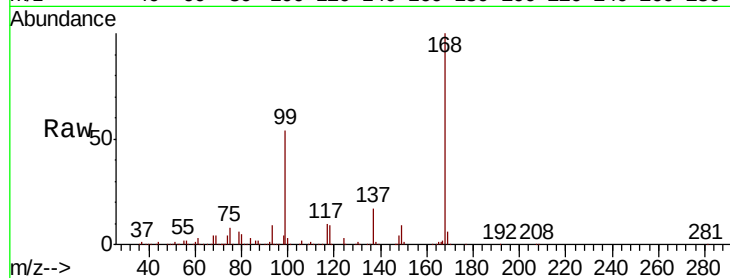
C-12

Tot Ion:168 Resp: 363233

Ion Ratio Lower Upper

168 100

99 54.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

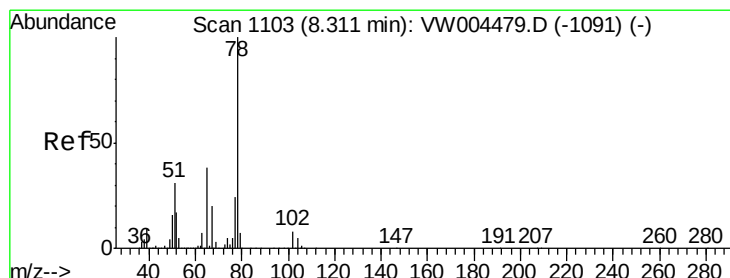
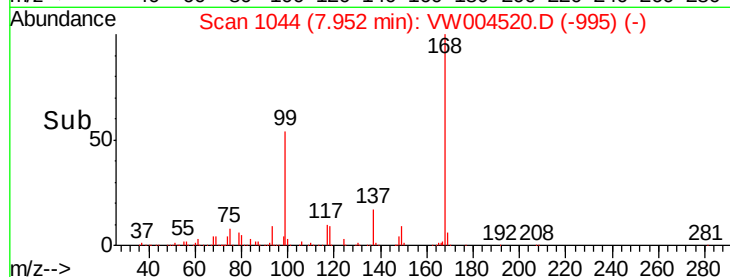
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.31 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004520.D

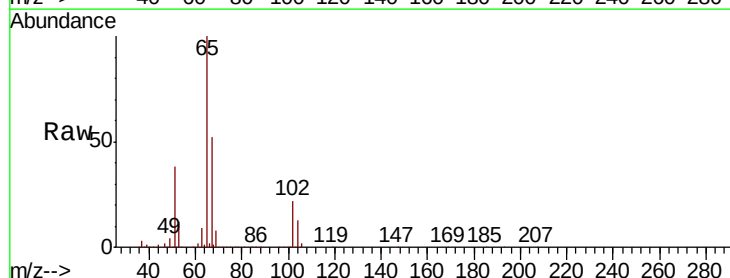
Acq: 08 Aug 2018 03:39

Tgt Ion: 65 Resp: 234465

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

120000

100000

80000

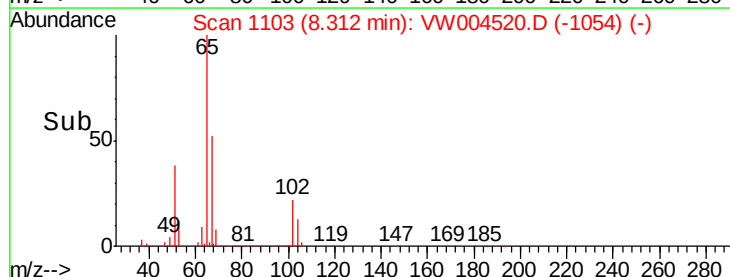
60000

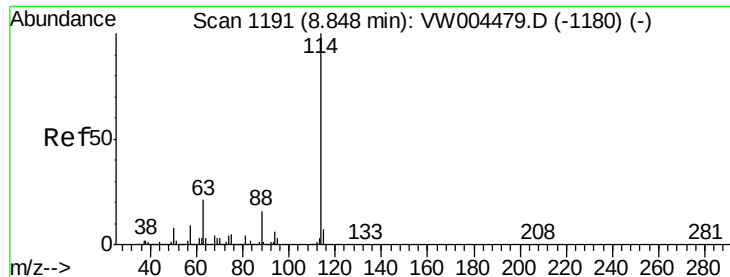
40000

20000

0

Time-->

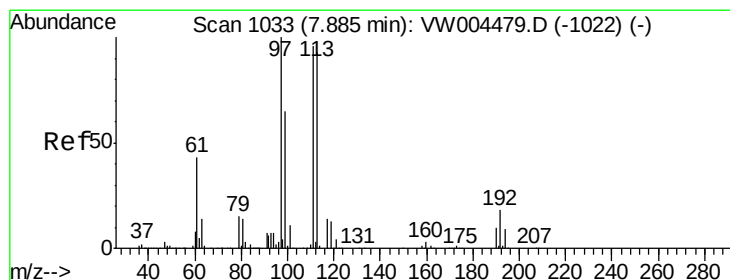
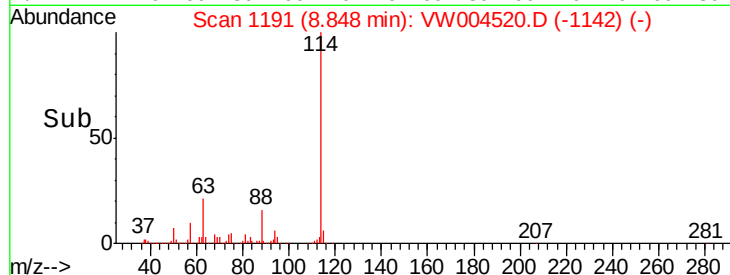
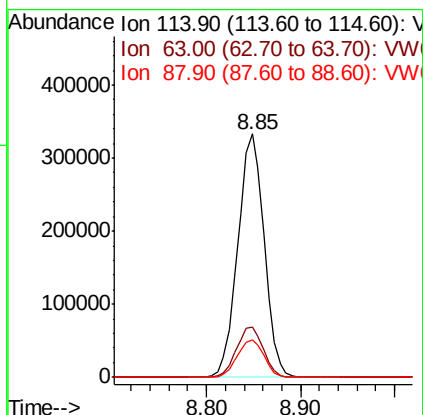
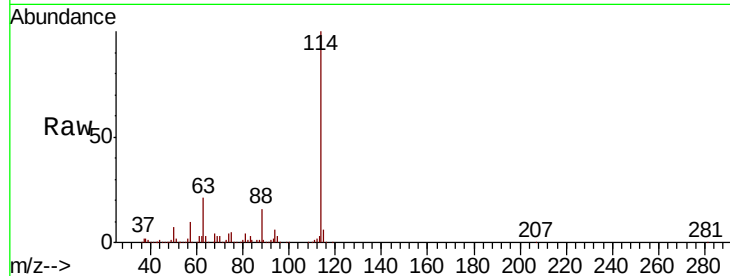




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004520.D
 Acq: 08 Aug 2018 03:39

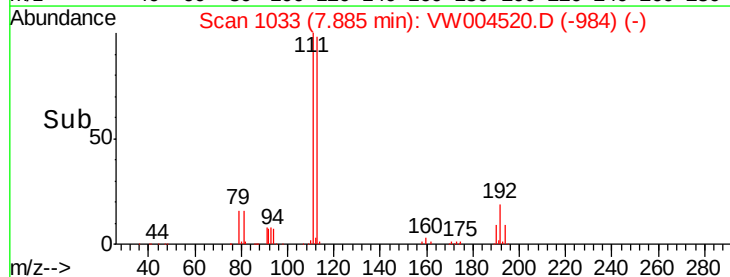
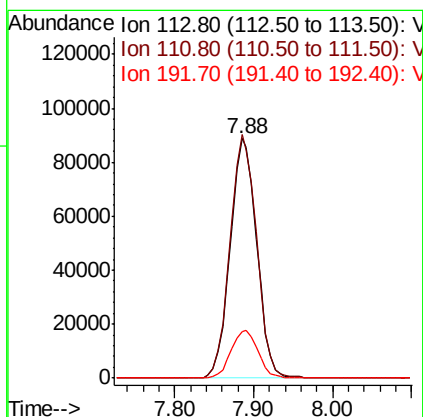
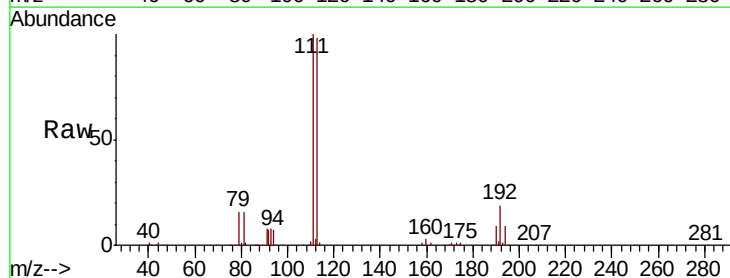
Instrument :
 MSVOA_W
 ClientSampleId :
 C-12

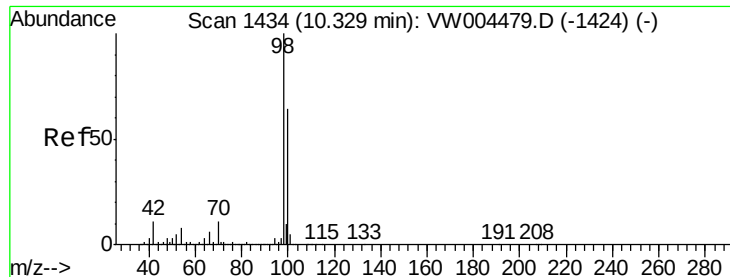
Tot Ion:114 Resp: 649077
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 42.4
 88 15.6 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 47.94 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004520.D
 Acq: 08 Aug 2018 03:39

Tgt Ion:113 Resp: 207495
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.9 124.3
 192 20.1 15.8 23.6





#50

Toluene-d8

Concen: 33.26 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004520.D

Acq: 08 Aug 2018 03:39

Instrument :

MSVOA_W

ClientSampled :

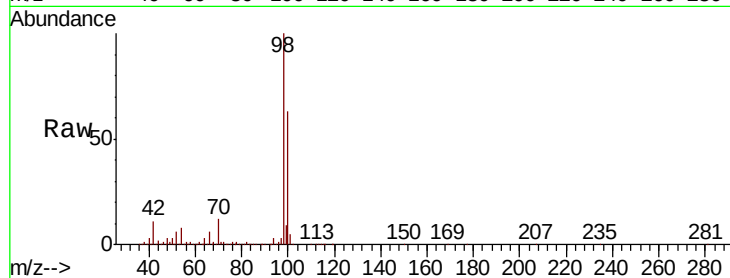
C-12

Tot Ion: 98 Resp: 548765

Ion Ratio Lower Upper

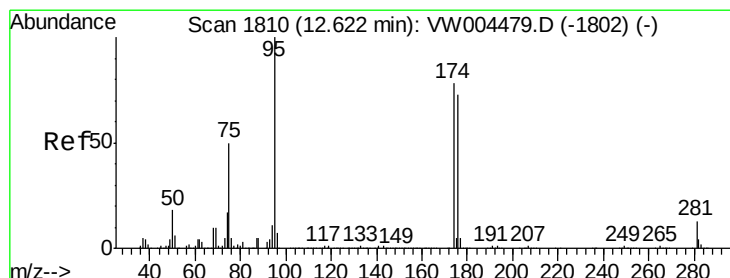
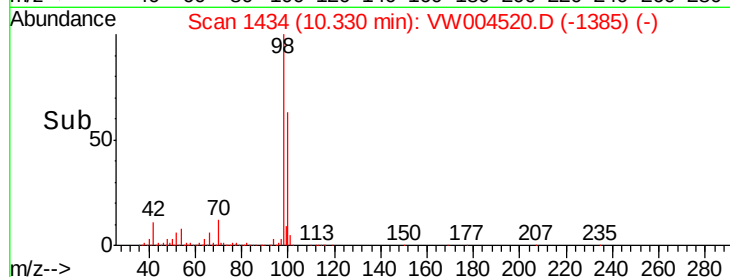
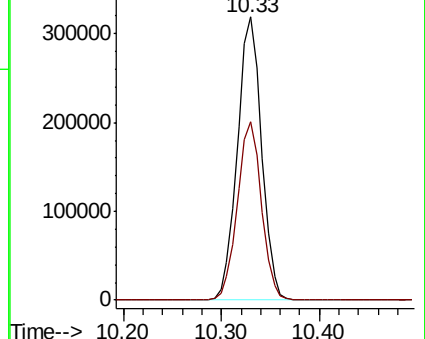
98 100

100 62.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 27.55 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004520.D

Acq: 08 Aug 2018 03:39

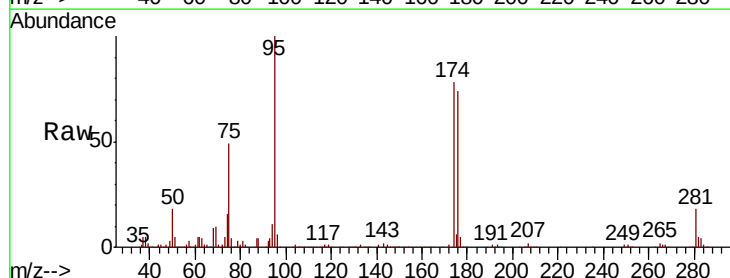
Tgt Ion: 95 Resp: 163737

Ion Ratio Lower Upper

95 100

174 81.6 0.0 160.4

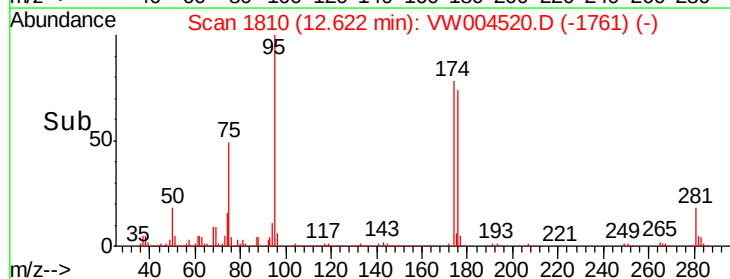
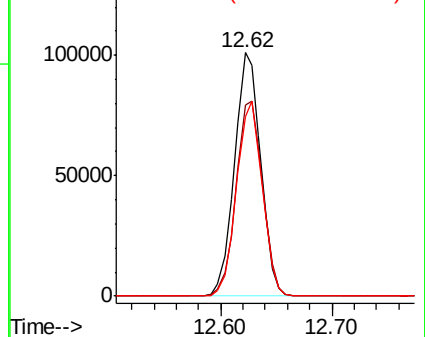
176 78.9 0.0 153.2

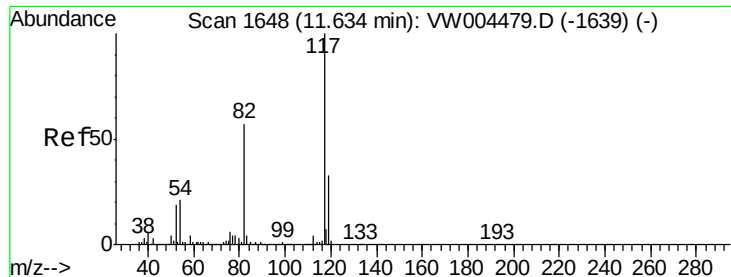


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

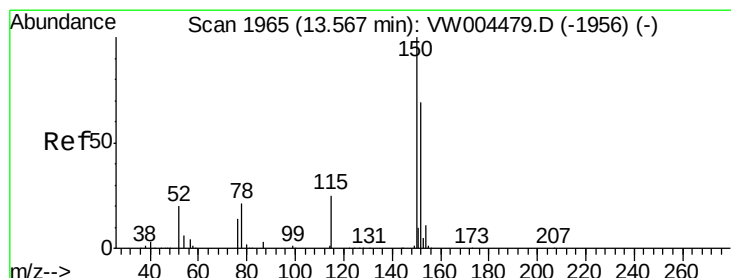
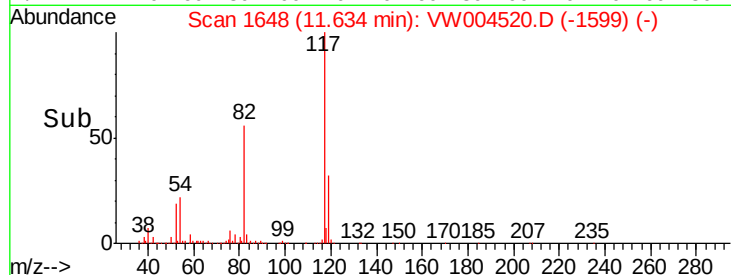
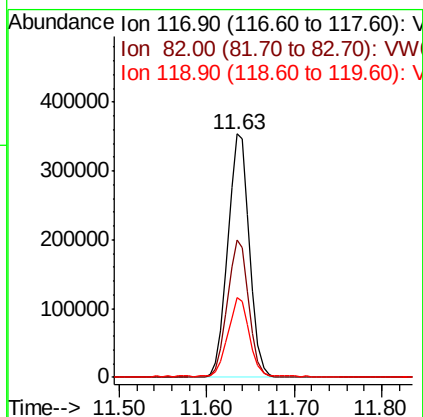
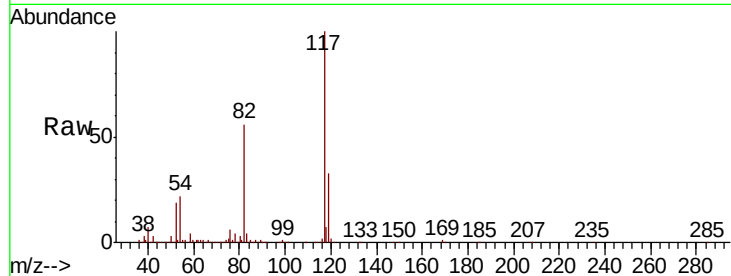




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004520.D
Acq: 08 Aug 2018 03:39

Instrument :
MSVOA_W
ClientSampleId :
C-12

Tot Ion:117 Resp: 605119
Ion Ratio Lower Upper
117 100
82 56.4 45.3 67.9
119 32.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004520.D
Acq: 08 Aug 2018 03:39

Tgt Ion:152 Resp: 219205
Ion Ratio Lower Upper
152 100
115 58.1 29.1 87.3
150 158.8 0.0 349.6

