

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004516.D
 Acq On : 08 Aug 2018 01:55
 Operator : SY/AP
 Sample : J4313-05
 Misc : 2.77G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-7

Quant Time: Aug 08 09:09:52 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	362015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	618735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	456414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	95318	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	237407	59.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.48%	
35) Dibromofluoromethane	7.88	113	229467	55.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.24%	
50) Toluene-d8	10.33	98	530439	33.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.46%	
62) 4-Bromofluorobenzene	12.62	95	96023	16.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.90%	

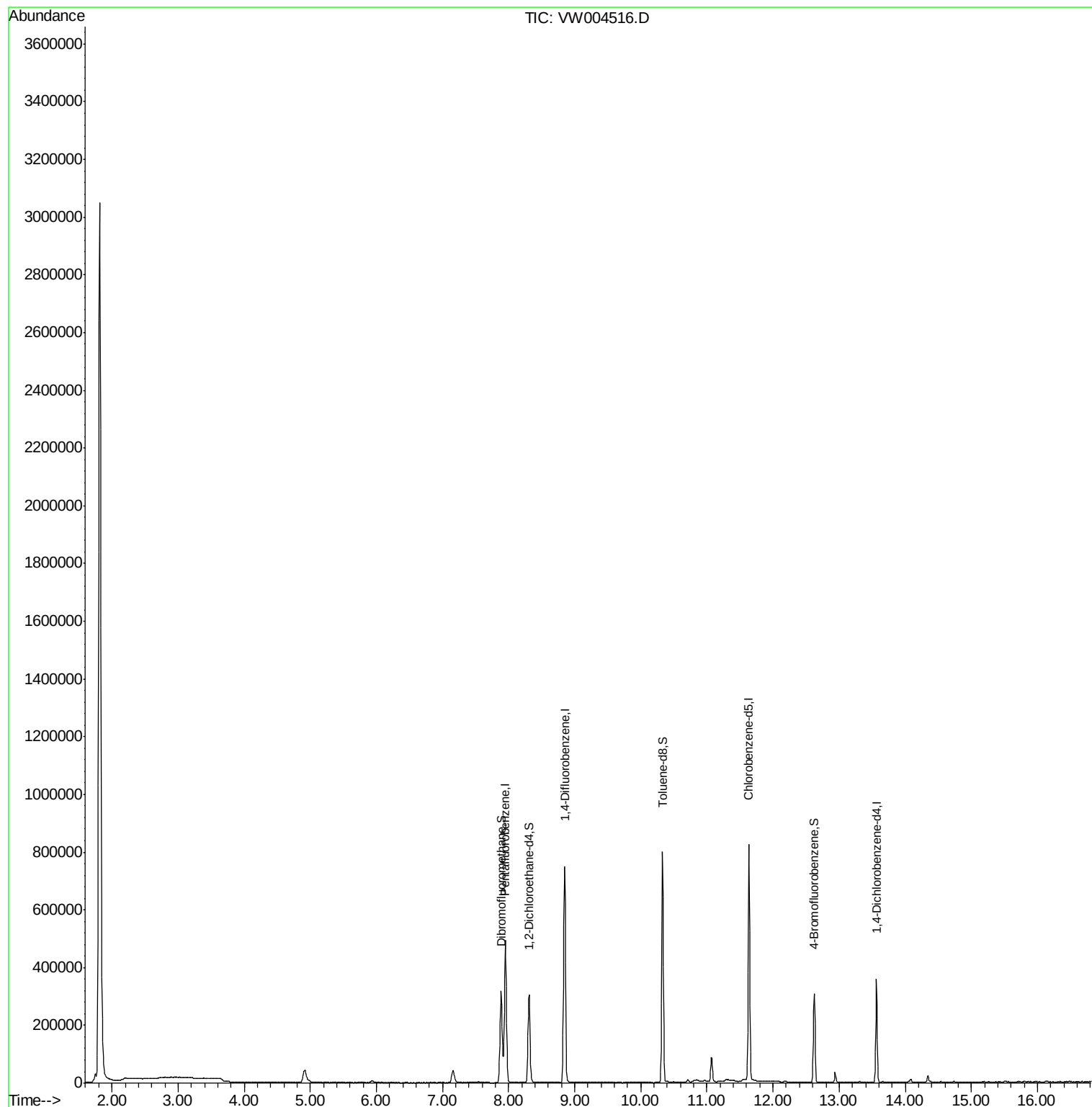
Target Compounds	Qvalue

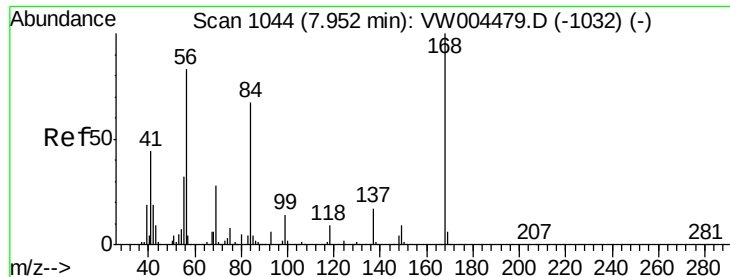
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004516.D

Acq: 08 Aug 2018 01:55

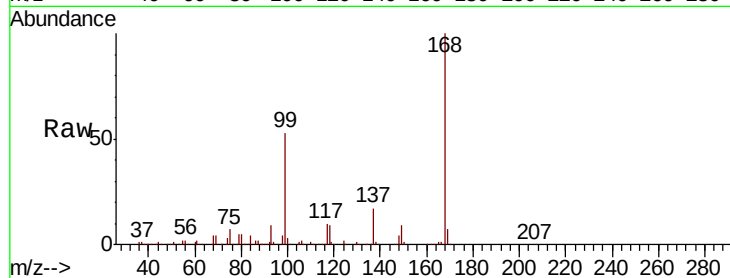
Instrument :
MSVOA_W
ClientSampled :
C-7

Tot Ion:168 Resp: 362015

Ion Ratio Lower Upper

168 100

99 52.9 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

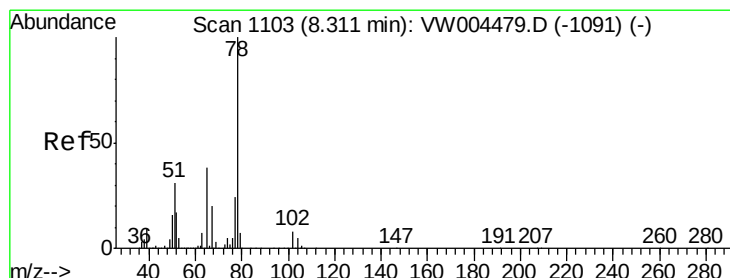
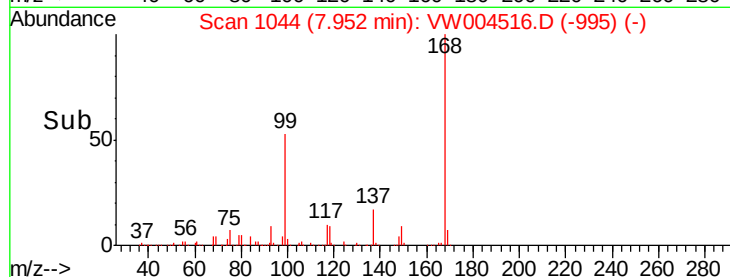
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 59.24 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004516.D

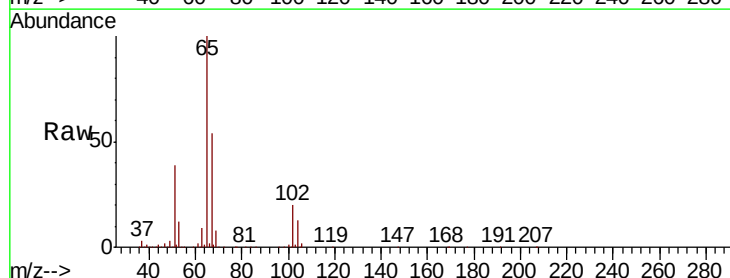
Acq: 08 Aug 2018 01:55

Tgt Ion: 65 Resp: 237407

Ion Ratio Lower Upper

65 100

67 53.8 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

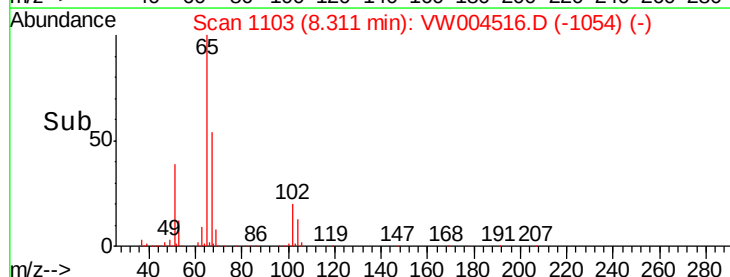
60000

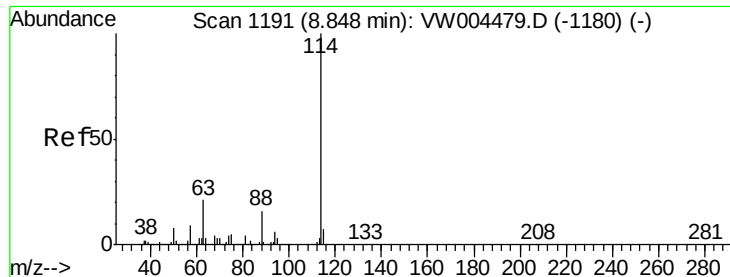
40000

20000

0

Time--> 8.20 8.30 8.40

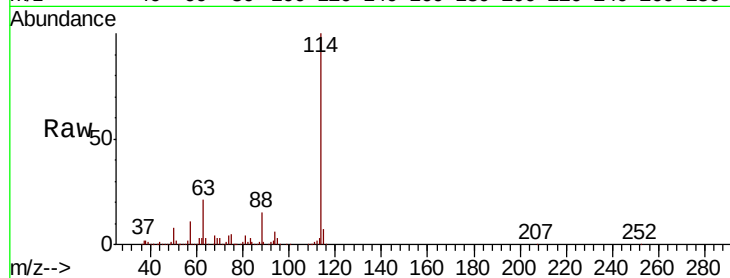




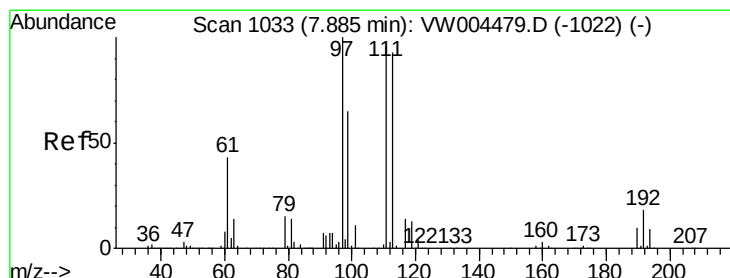
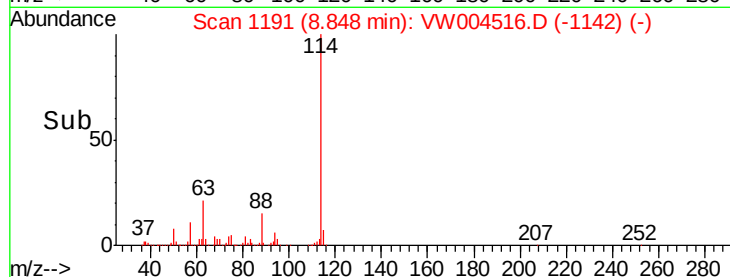
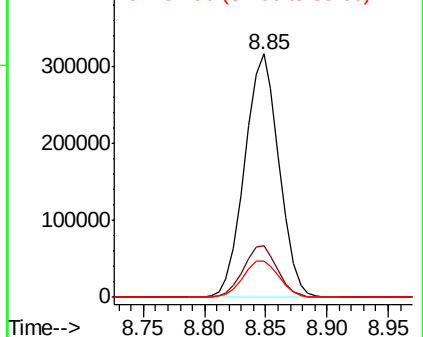
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004516.D
 Acq: 08 Aug 2018 01:55

Instrument :
 MSVOA_W
 ClientSampleId :
 C-7

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.4
88	15.0	0.0	31.2

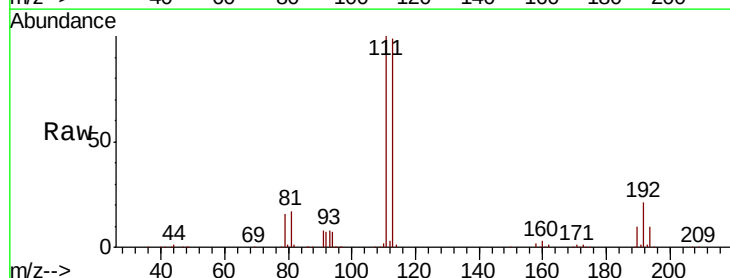


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

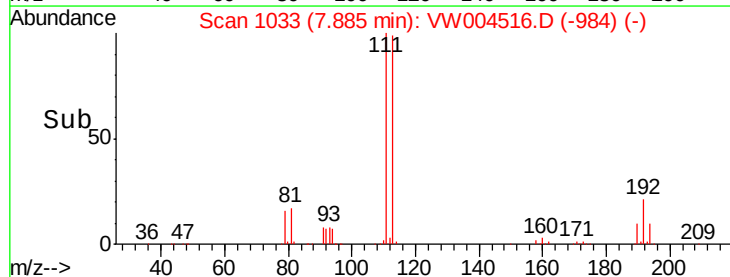
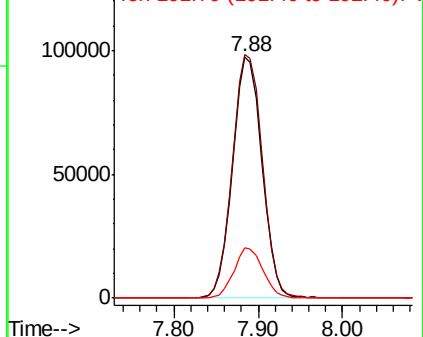


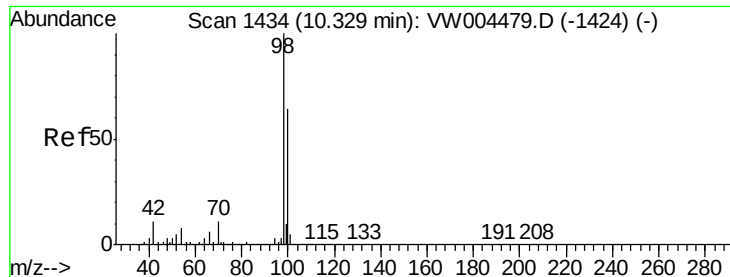
#35
 Dibromofluoromethane
 Concen: 55.62 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004516.D
 Acq: 08 Aug 2018 01:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	20.4	15.8	23.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 33.73 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004516.D

Acq: 08 Aug 2018 01:55

Instrument :

MSVOA_W

ClientSampleId :

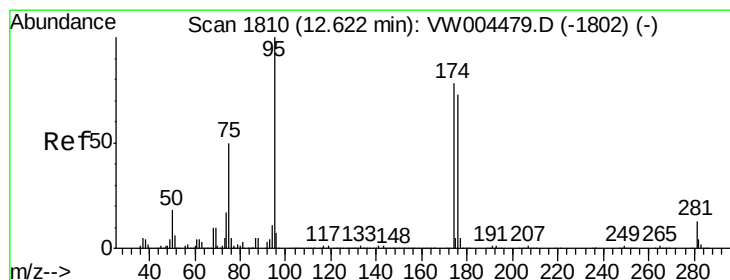
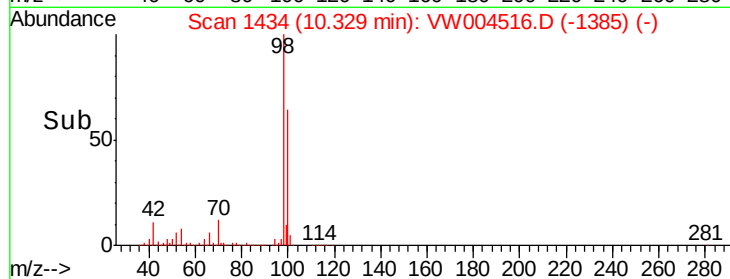
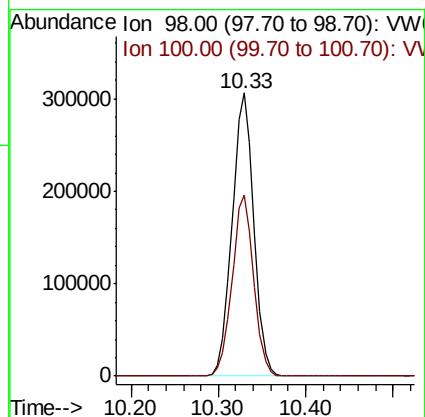
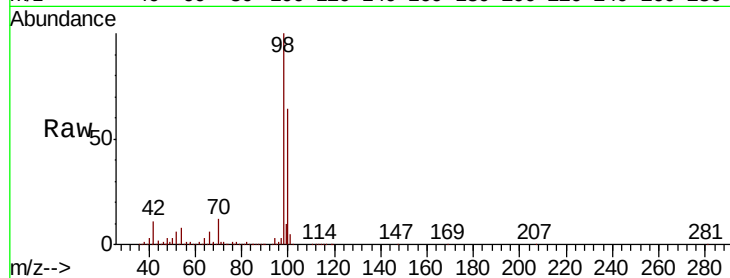
C-7

Tot Ion: 98 Resp: 530439

Ion Ratio Lower Upper

98 100

100 63.4 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 16.95 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004516.D

Acq: 08 Aug 2018 01:55

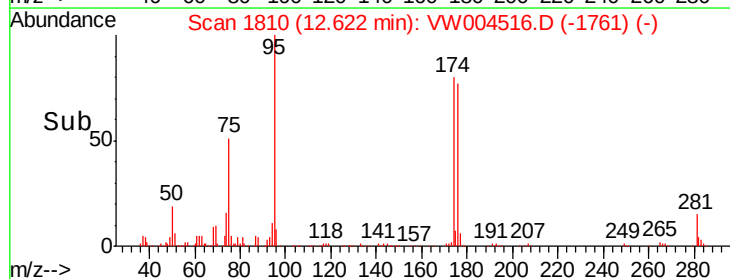
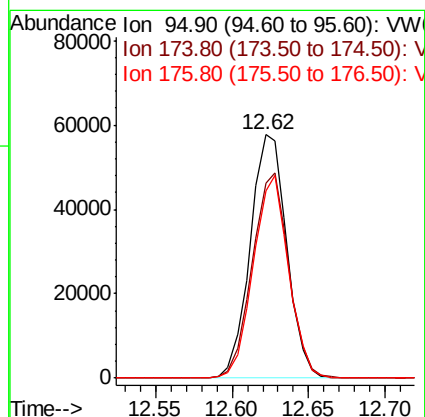
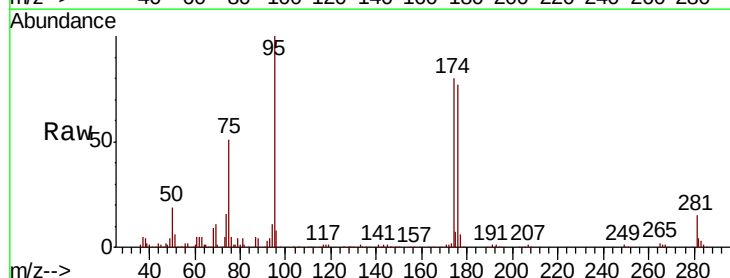
Tgt Ion: 95 Resp: 96023

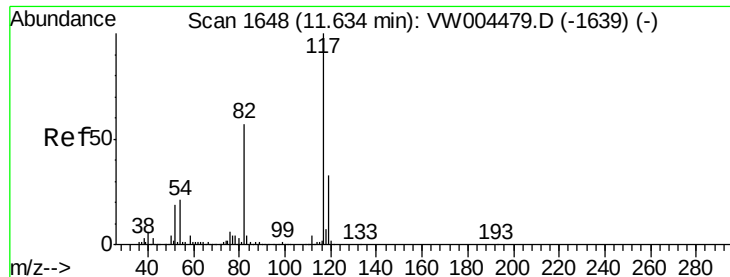
Ion Ratio Lower Upper

95 100

174 83.9 0.0 160.4

176 80.0 0.0 153.2

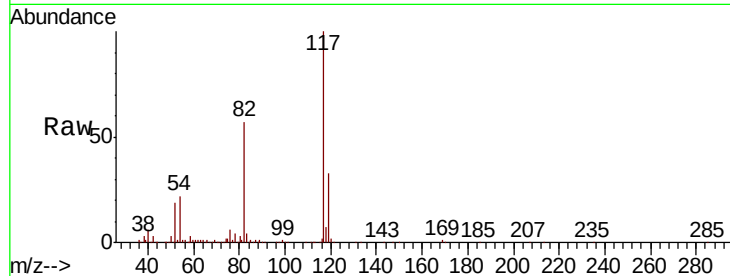




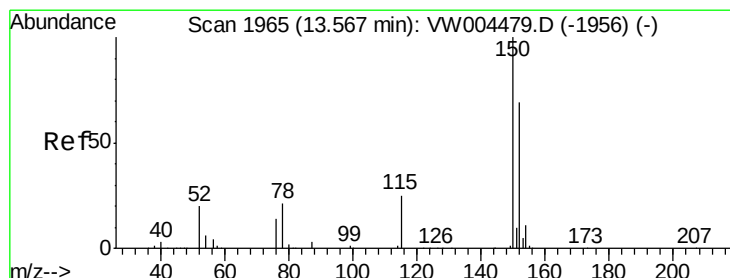
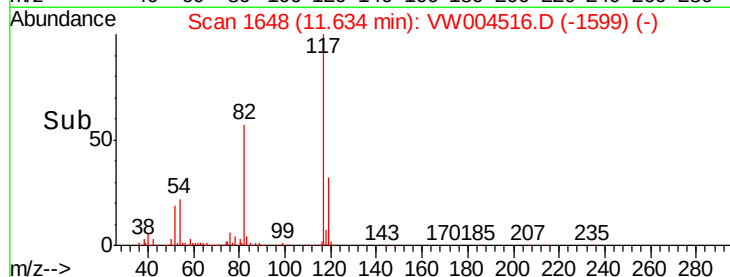
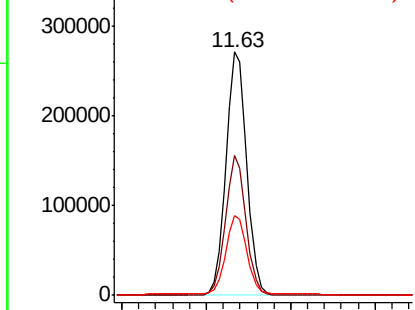
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004516.D
Acq: 08 Aug 2018 01:55

Instrument :
MSVOA_W
ClientSampleId :
C-7

Tot Ion:117 Resp: 456414
Ion Ratio Lower Upper
117 100
82 57.2 45.3 67.9
119 32.4 26.2 39.4

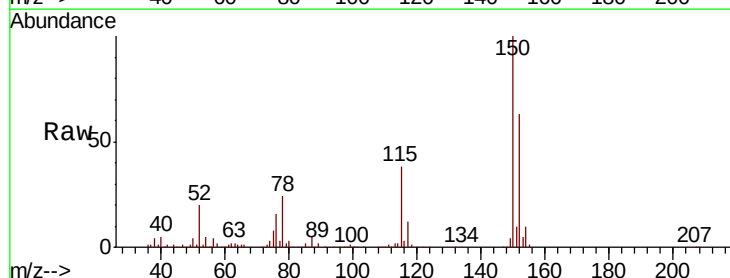


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004516.D
Acq: 08 Aug 2018 01:55

Tgt Ion:152 Resp: 95318
Ion Ratio Lower Upper
152 100
115 55.8 29.1 87.3
150 156.7 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

