

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004519.D
 Acq On : 08 Aug 2018 03:13
 Operator : SY/AP
 Sample : J4313-13
 Misc : 4.27G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-11

Quant Time: Aug 08 09:16:16 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	408589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	667142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	571092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	185219	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	240216	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
35) Dibromofluoromethane	7.88	113	222829	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	10.33	98	586354	34.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.16%	
62) 4-Bromofluorobenzene	12.62	95	153516	25.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.26%	

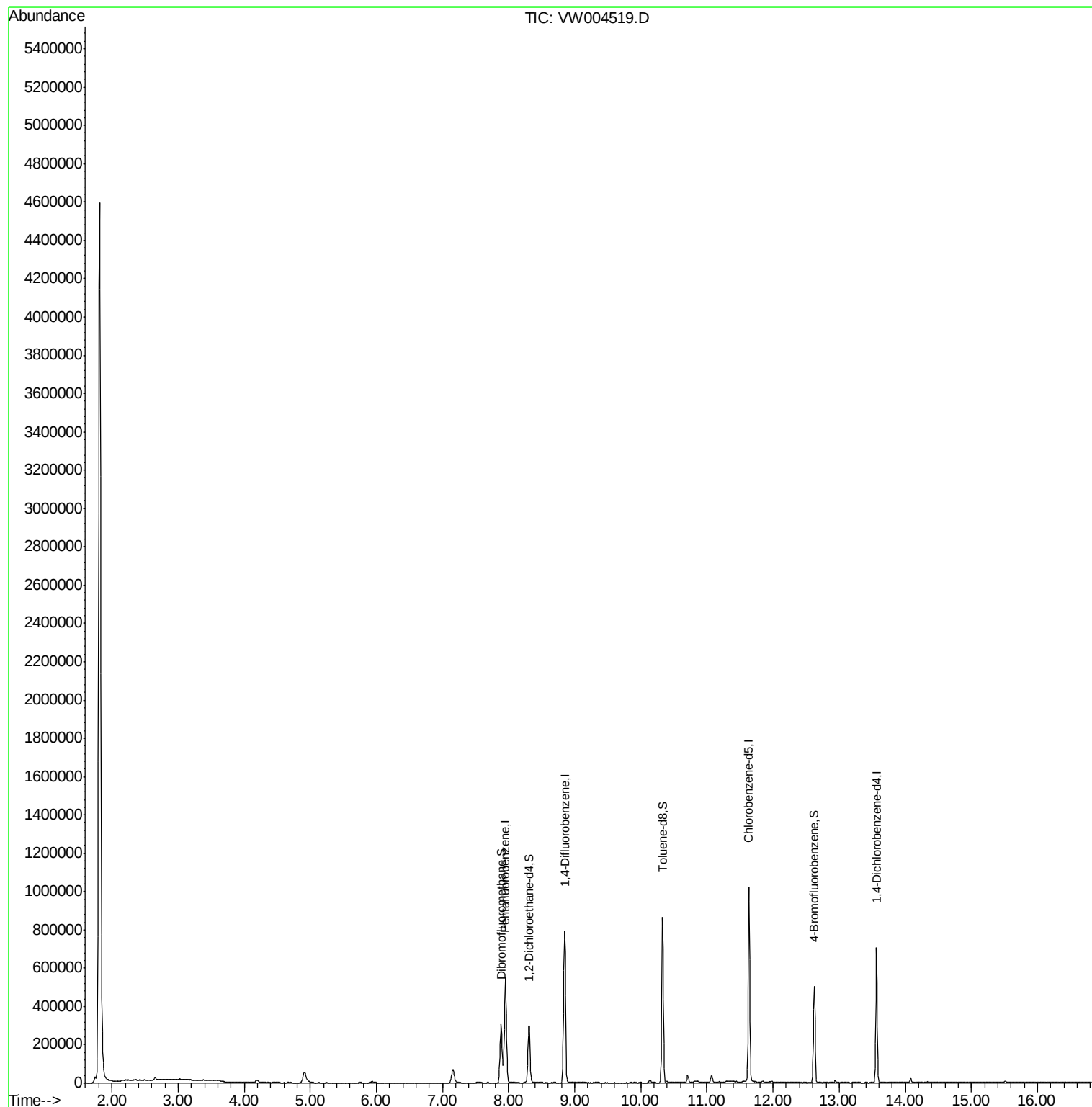
Target Compounds	Qvalue

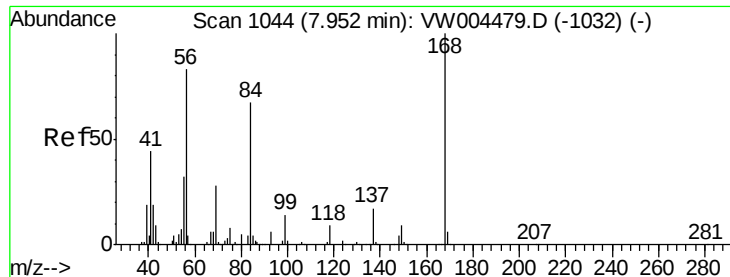
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004519.D

Acq: 08 Aug 2018 03:13

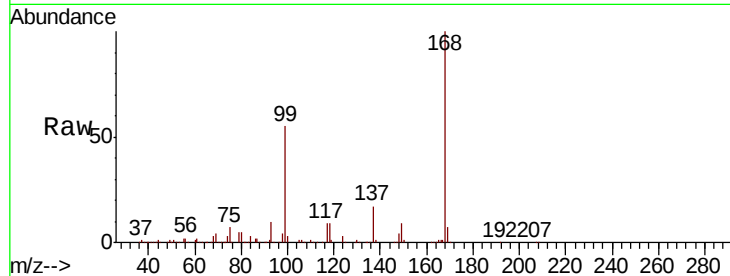
Instrument :
MSVOA_W
ClientSampled :
C-11

Tot Ion:168 Resp: 408589

Ion Ratio Lower Upper

168 100

99 54.6 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

200000

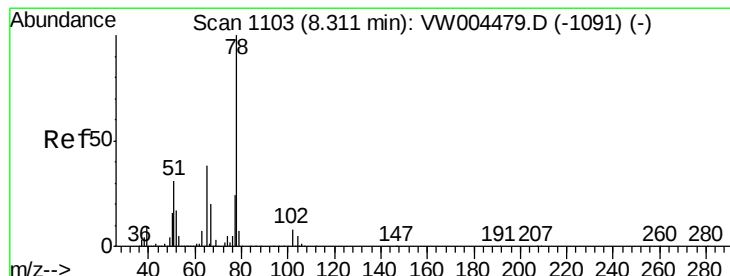
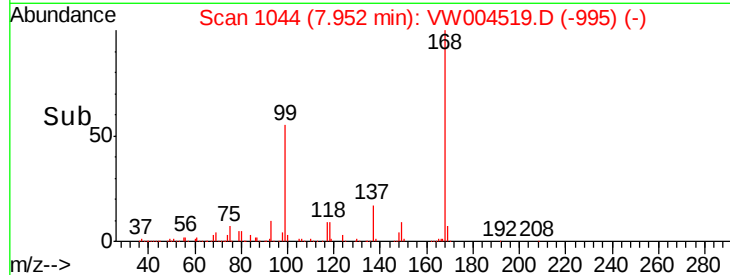
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.11 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004519.D

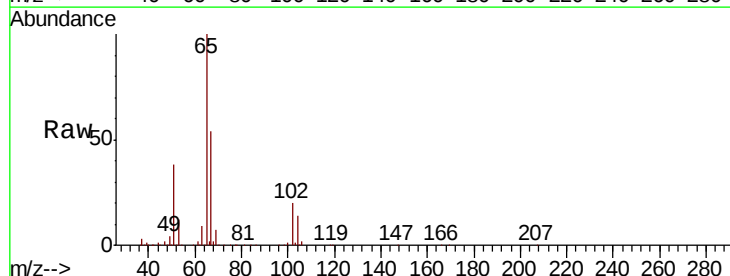
Acq: 08 Aug 2018 03:13

Tgt Ion: 65 Resp: 240216

Ion Ratio Lower Upper

65 100

67 53.4 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

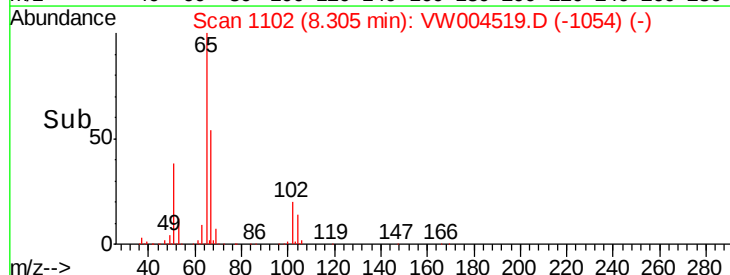
60000

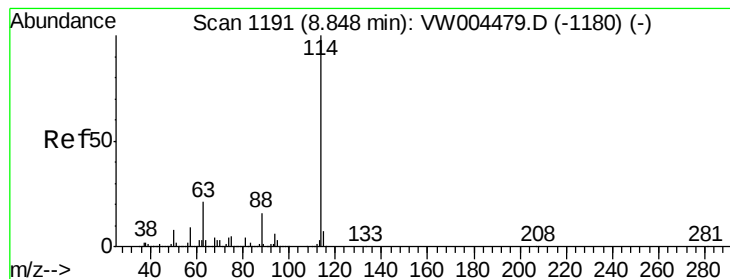
40000

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: VW004519.D

Acq: 08 Aug 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

C-11

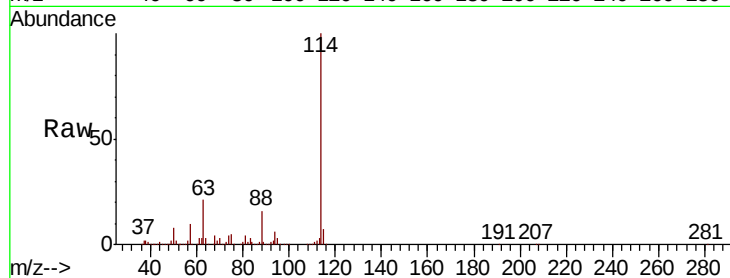
Tot Ion:114 Resp: 667142

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

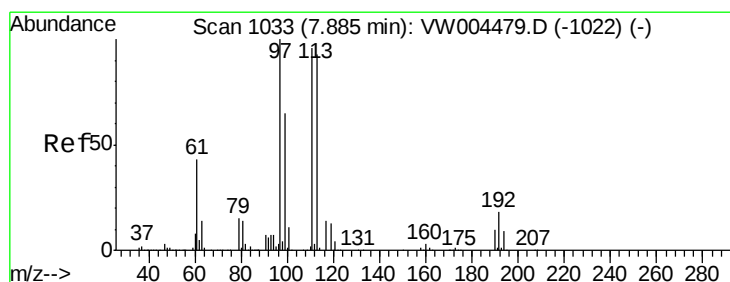
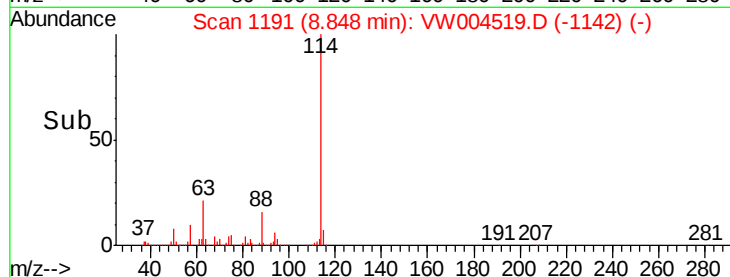
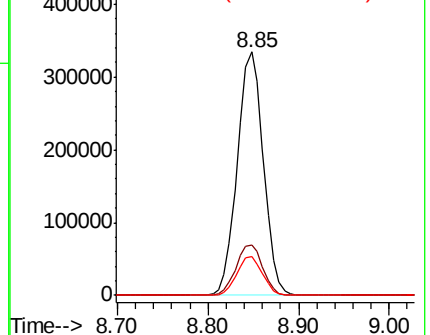
88 15.9 0.0 31.2



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: 50.09 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW004519.D

Acq: 08 Aug 2018 03:13

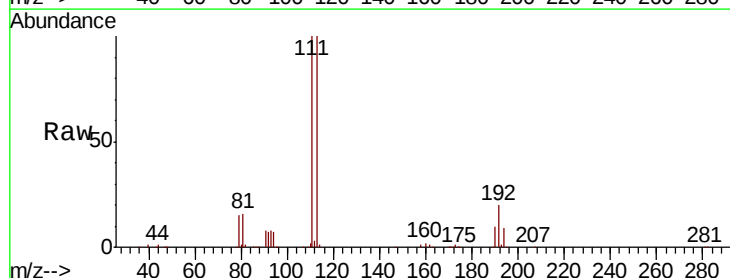
Tgt Ion:113 Resp: 222829

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

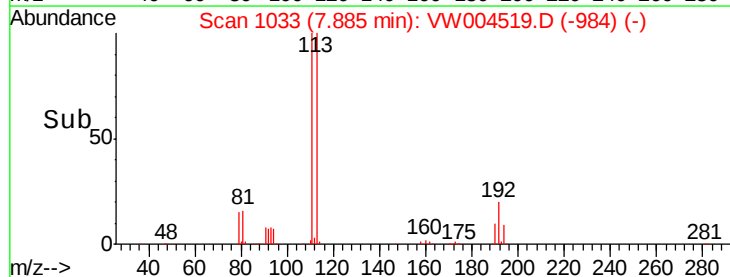
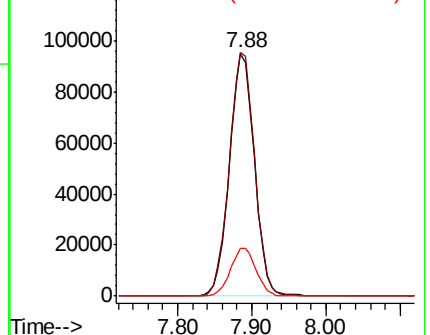
192 20.3 15.8 23.6

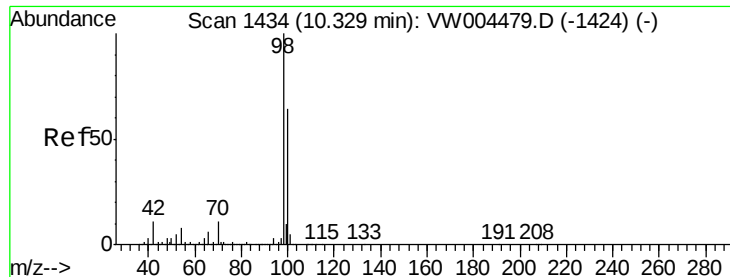


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 34.58 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004519.D

Acq: 08 Aug 2018 03:13

Instrument :

MSVOA_W

ClientSampleId :

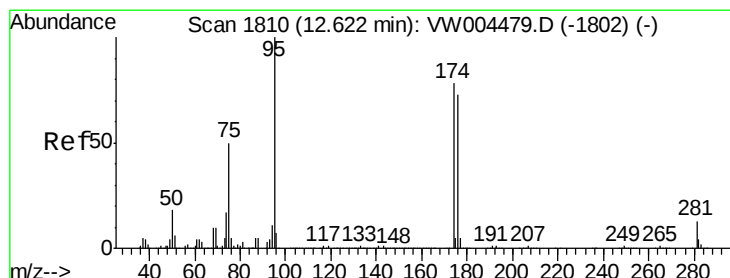
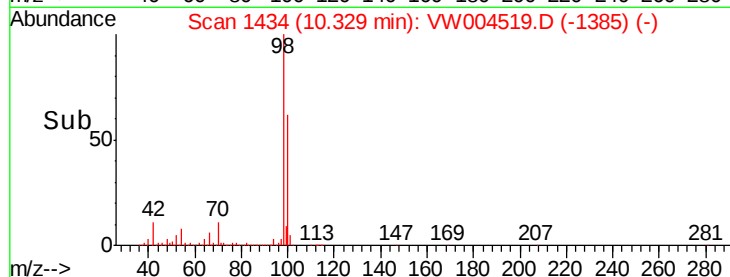
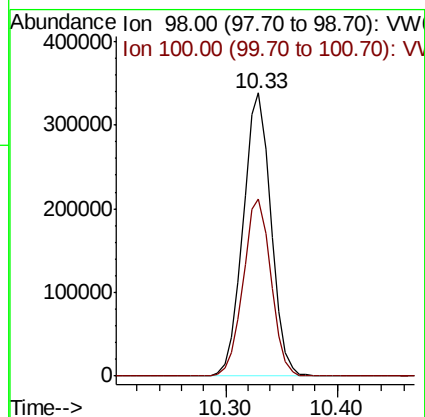
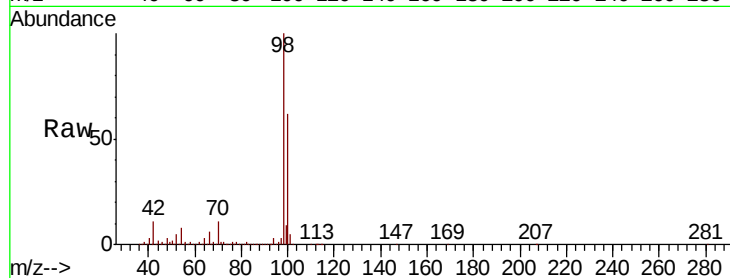
C-11

Tot Ion: 98 Resp: 586354

Ion Ratio Lower Upper

98 100

100 62.4 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 25.13 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004519.D

Acq: 08 Aug 2018 03:13

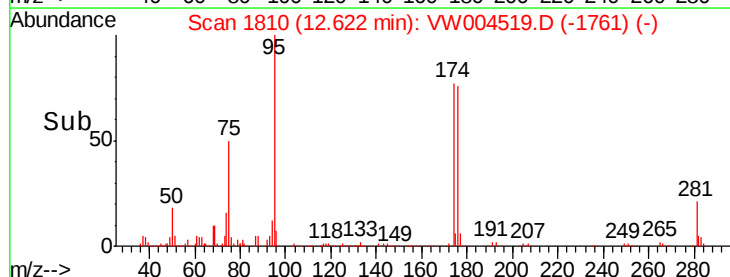
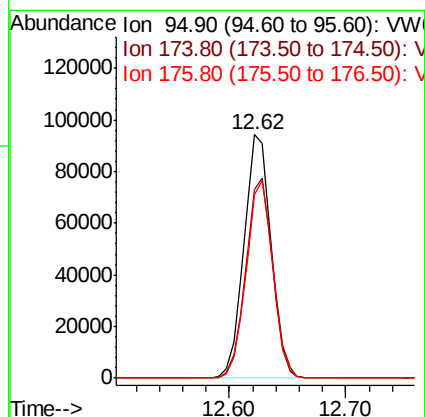
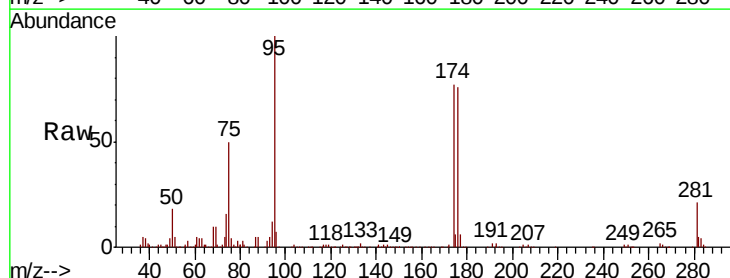
Tgt Ion: 95 Resp: 153516

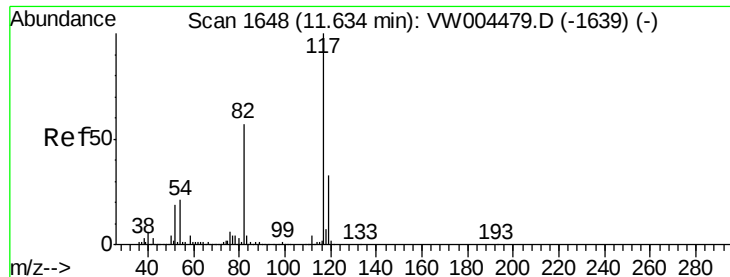
Ion Ratio Lower Upper

95 100

174 82.4 0.0 160.4

176 79.4 0.0 153.2

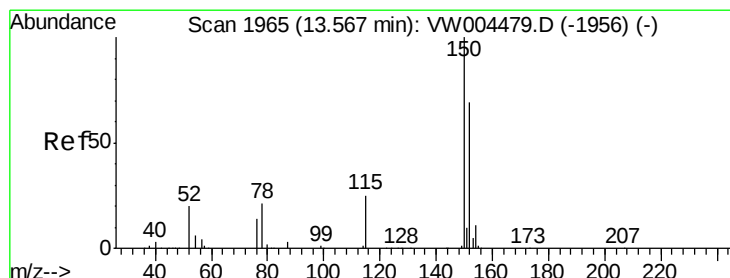
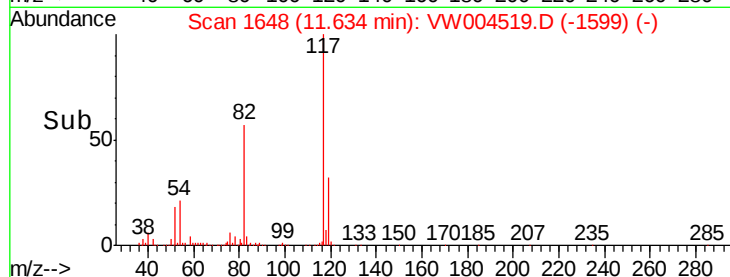
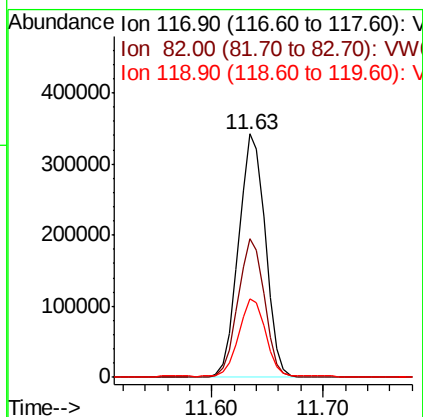
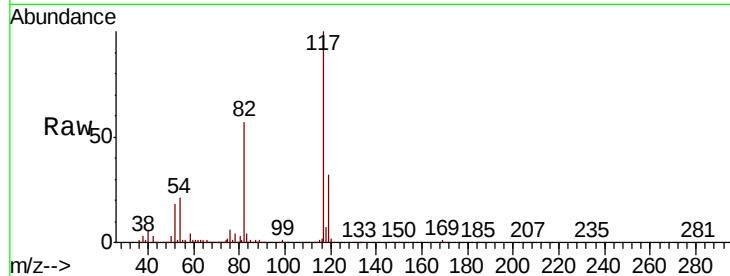




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004519.D
Acq: 08 Aug 2018 03:13

Instrument :
MSVOA_W
ClientSampled :
C-11

Tot Ion:117 Resp: 571092
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 31.7 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: VW004519.D
Acq: 08 Aug 2018 03:13

Tgt Ion:152 Resp: 185219
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.3
150 155.8 0.0 349.6

