

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102819\
 Data File : VW013766.D
 Acq On : 28 Oct 2019 15:05
 Operator : SY/VA
 Sample : K5541-18RE
 Misc : 6.15G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 18-48-(2.5)RE

Quant Time: Oct 29 11:50:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	417393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	102056	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	116883	55.53	ug/l	0.00
Spiked Amount			Recovery	=	111.06%	
35) Dibromofluoromethane	7.88	113	123426	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	
50) Toluene-d8	10.32	98	461503	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.62	95	116549	36.42	ug/l	0.00
Spiked Amount			Recovery	=	72.84%	

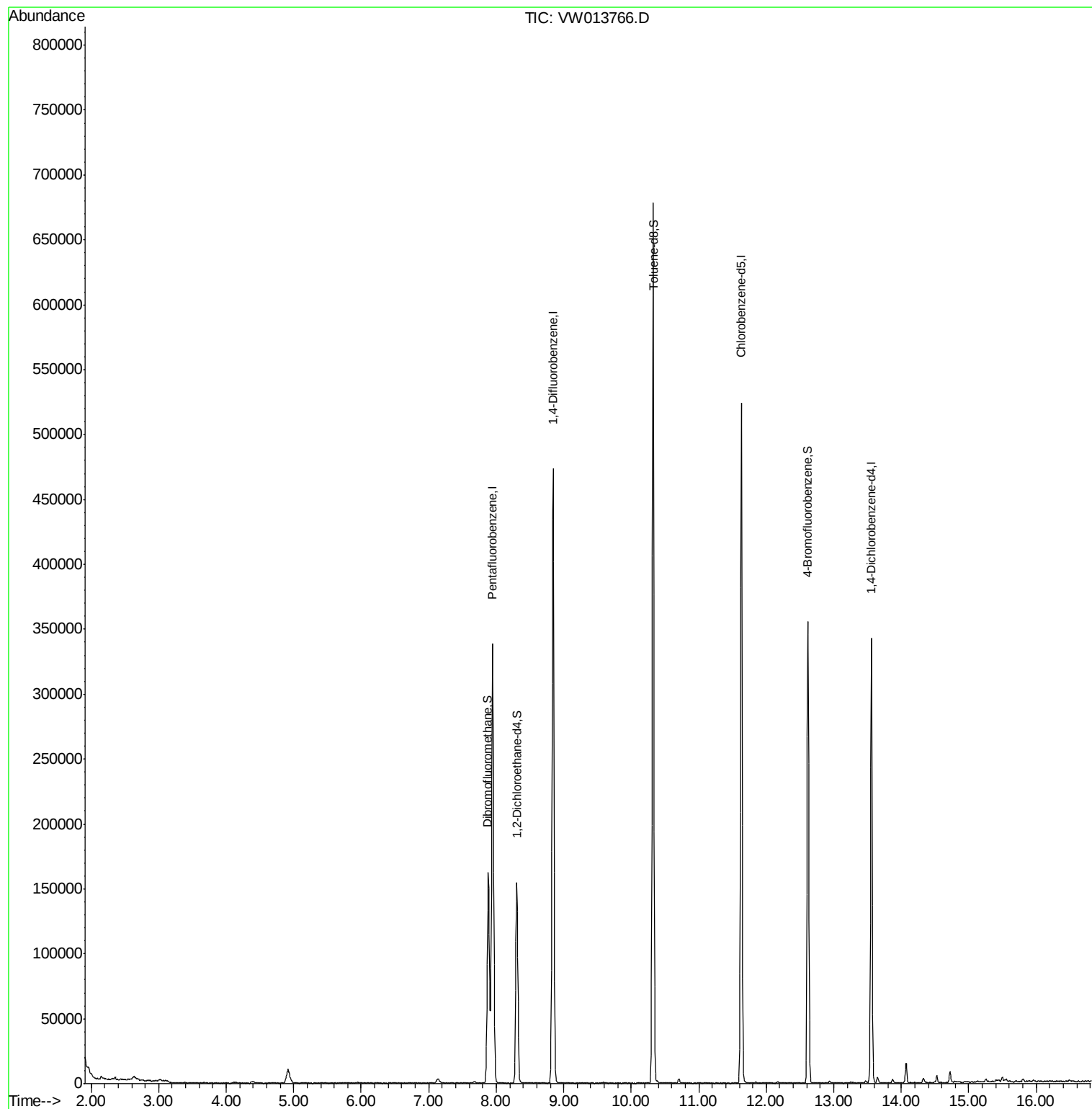
Target Compounds	Qvalue
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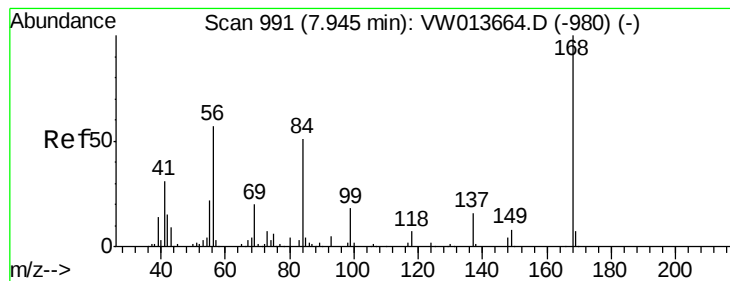
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013766.D

Acq: 28 Oct 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

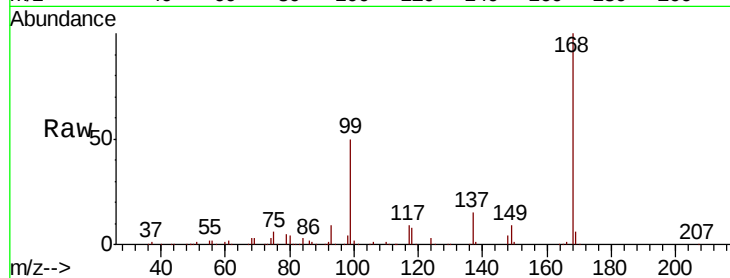
18-48-(2.5)RE

Tot Ion:168 Resp: 280596

Ion Ratio Lower Upper

168 100

99 50.3 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

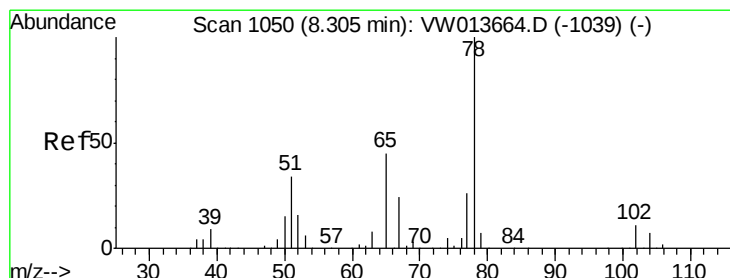
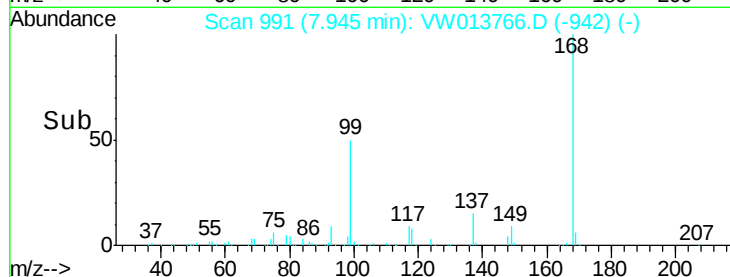
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 55.528 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013766.D

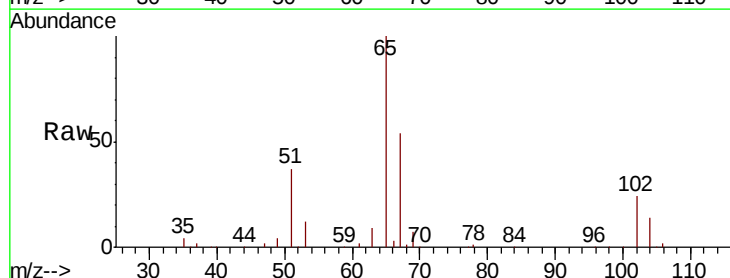
Acq: 28 Oct 2019 15:05

Tgt Ion: 65 Resp: 116883

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

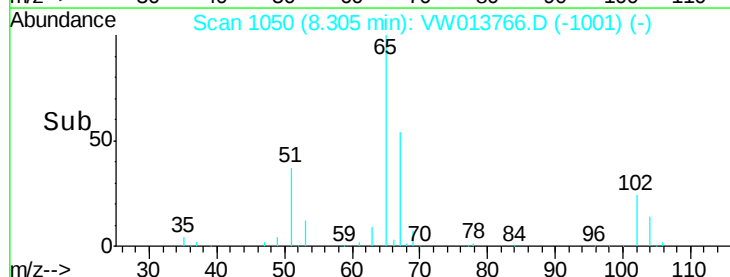
30000

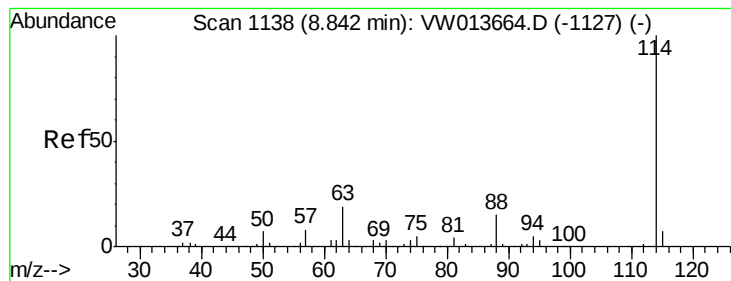
20000

10000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013766.D

Acq: 28 Oct 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

18-48-(2.5)RE

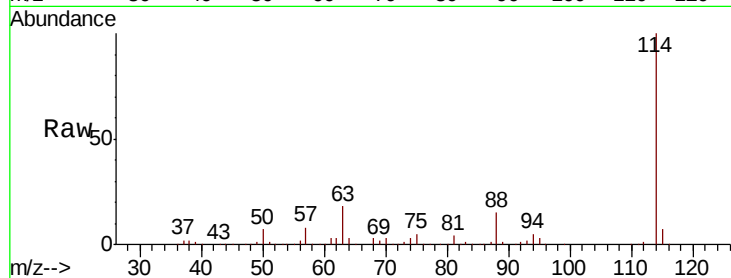
Tot Ion:114 Resp: 417393

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	37.6
88	15.1	0.0	30.2

114 100

63 17.6 0.0 37.6

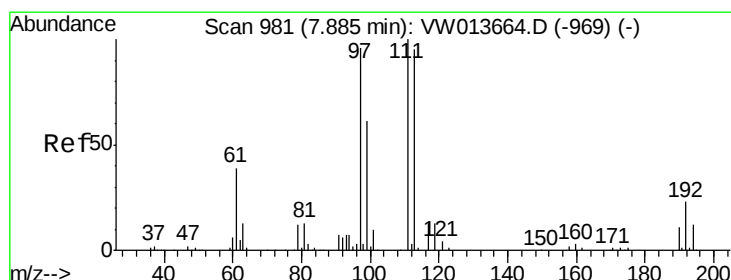
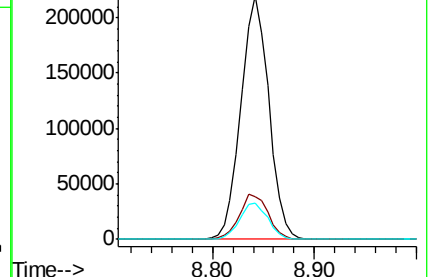
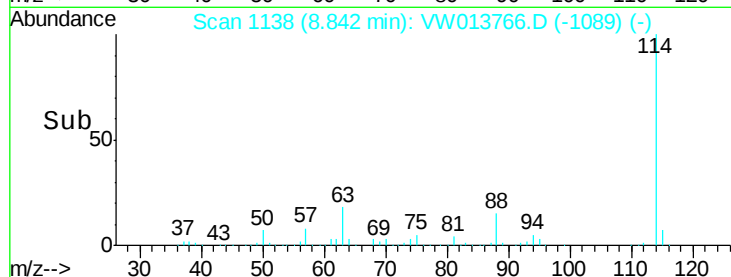
88 15.1 0.0 30.2



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: 53.218 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013766.D

Acq: 28 Oct 2019 15:05

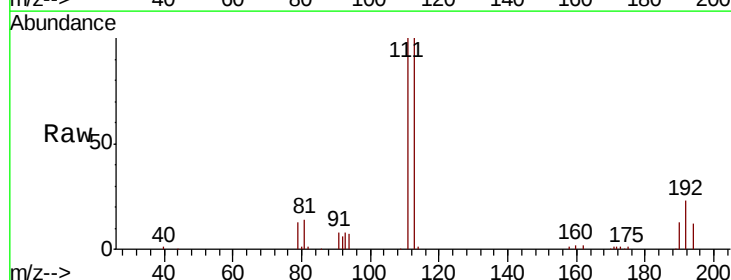
Tgt Ion:113 Resp: 123426

Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.0	124.6
192	23.9	19.4	29.2

113 100

111 101.3 83.0 124.6

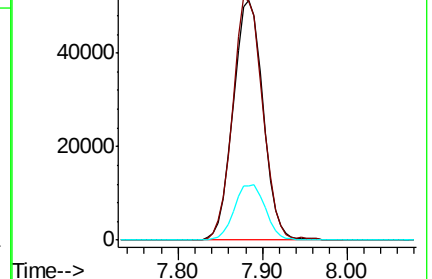
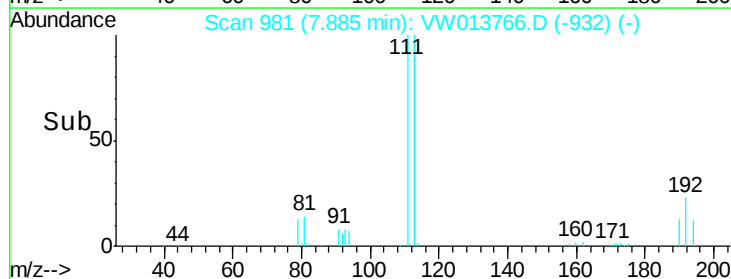
192 23.9 19.4 29.2

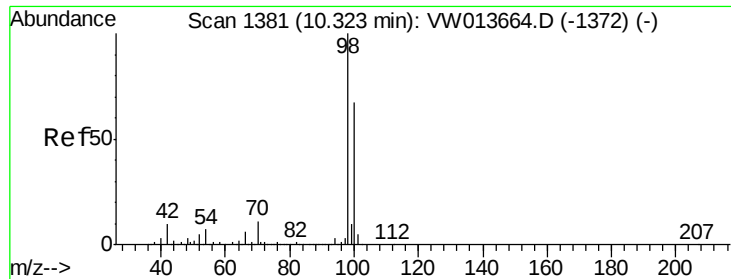


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.834 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013766.D

Acq: 28 Oct 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

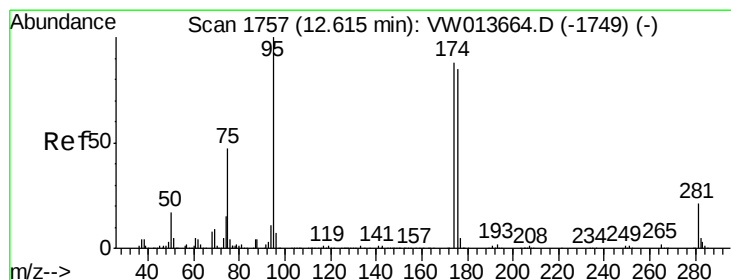
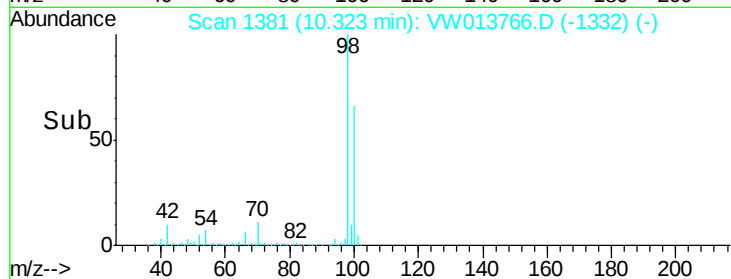
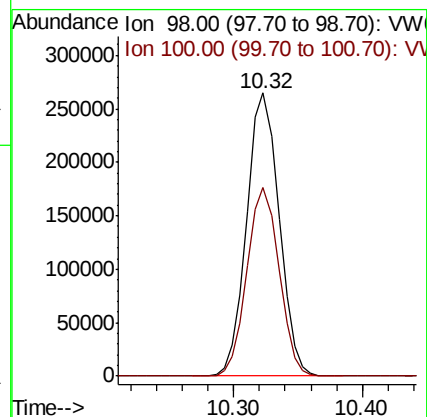
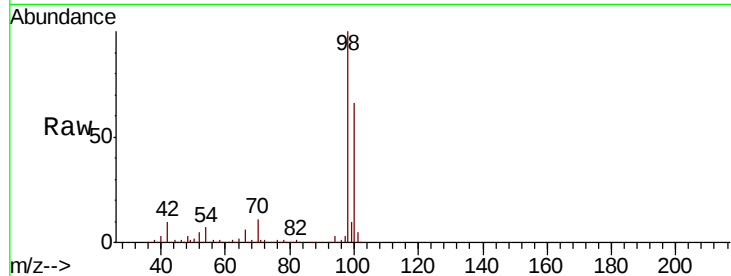
18-48-(2.5)RE

Tot Ion: 98 Resp: 461503

Ion Ratio Lower Upper

98 100

100 66.2 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 36.422 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013766.D

Acq: 28 Oct 2019 15:05

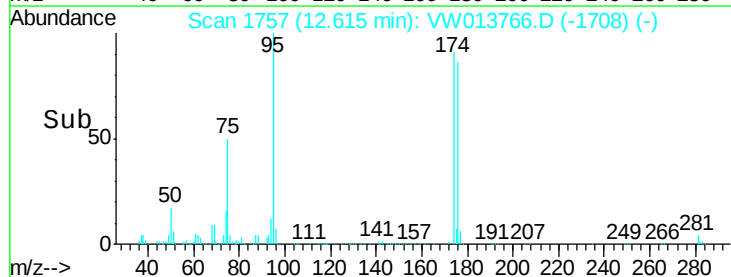
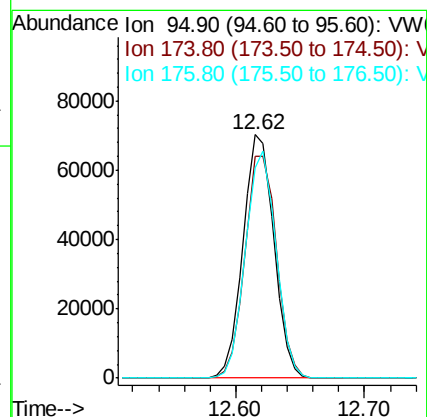
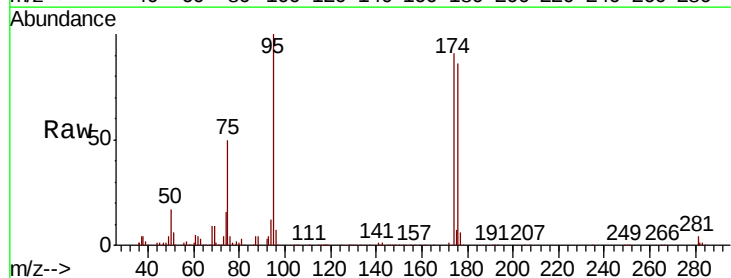
Tgt Ion: 95 Resp: 116549

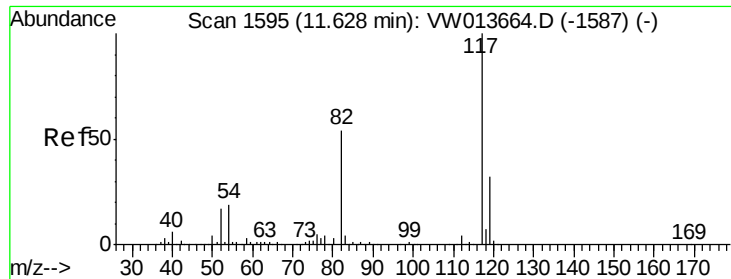
Ion Ratio Lower Upper

95 100

174 93.5 0.0 183.6

176 92.0 0.0 178.0

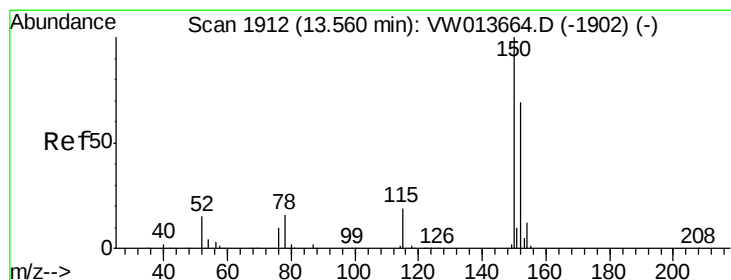
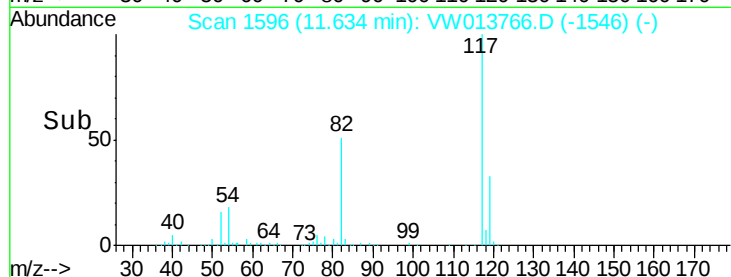
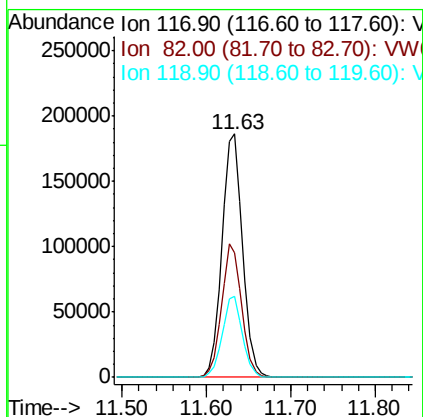
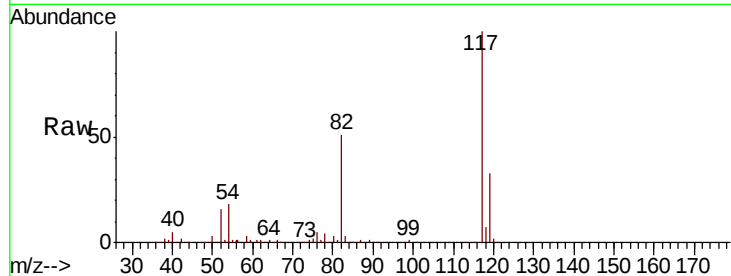




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013766.D
Acq: 28 Oct 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
18-48-(2.5)RE

Tot Ion:117 Resp: 313641
Ion Ratio Lower Upper
117 100
82 51.2 43.6 65.4
119 33.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013766.D
Acq: 28 Oct 2019 15:05

Tgt Ion:152 Resp: 102056
Ion Ratio Lower Upper
152 100
115 53.9 27.4 82.2
150 155.0 0.0 345.4

