

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090819\
 Data File : VW012762.D
 Acq On : 08 Sep 2019 12:06
 Operator : SY/VA
 Sample : VW0908SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBL01

Quant Time: Sep 09 07:04:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217973	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	331074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118703	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	126649	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
35) Dibromofluoromethane	7.88	113	98809	50.20	ug/l	0.00
Spiked Amount			Recovery	=	100.40%	
50) Toluene-d8	10.32	98	402164	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.62	95	122436	43.74	ug/l	0.00
Spiked Amount			Recovery	=	87.48%	

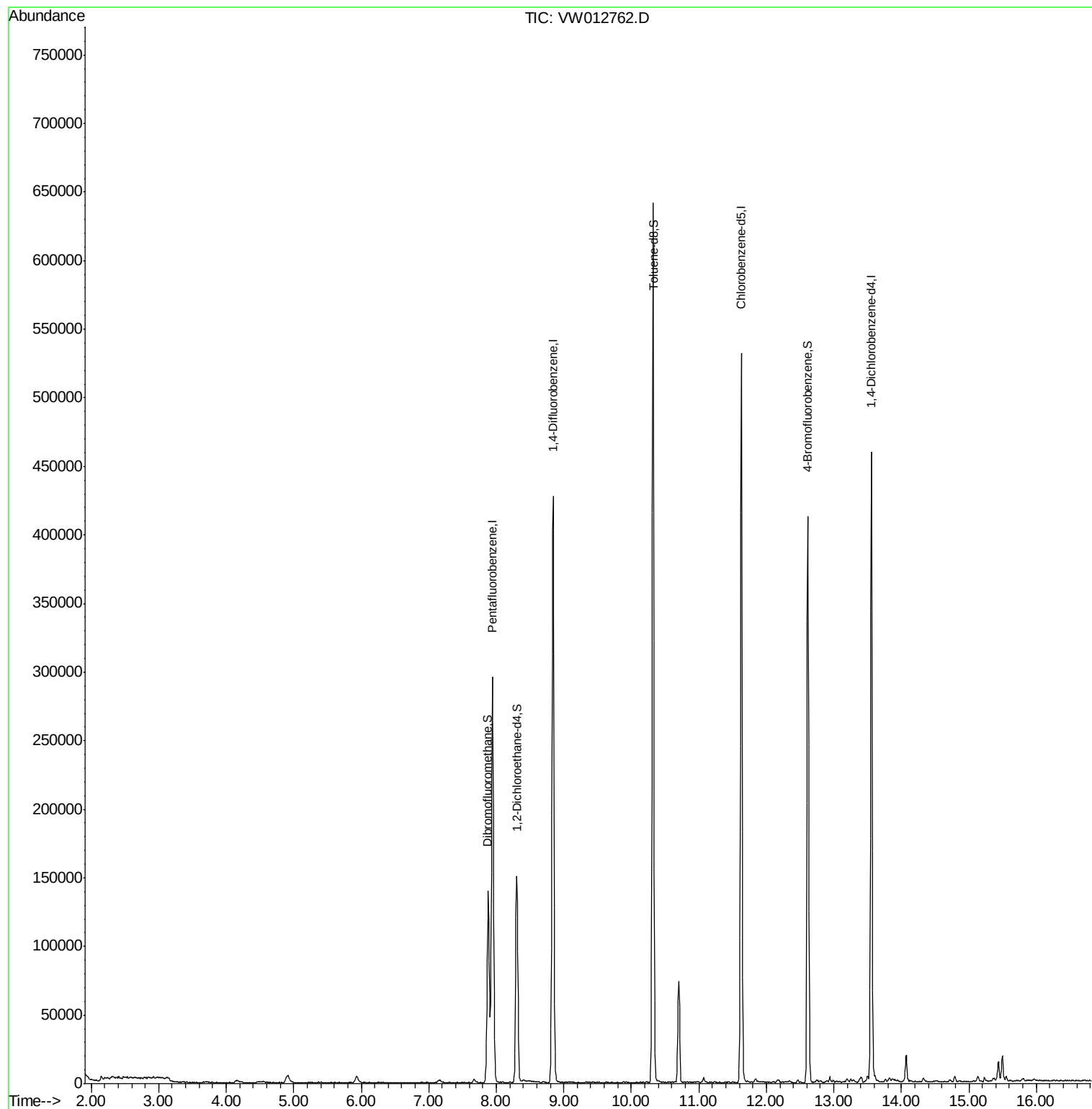
Target Compounds	Qvalue
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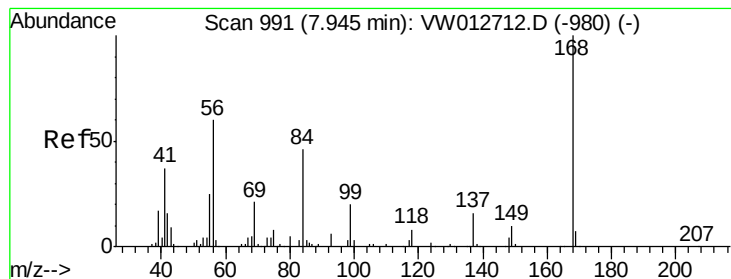
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012762.D

Acq: 08 Sep 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

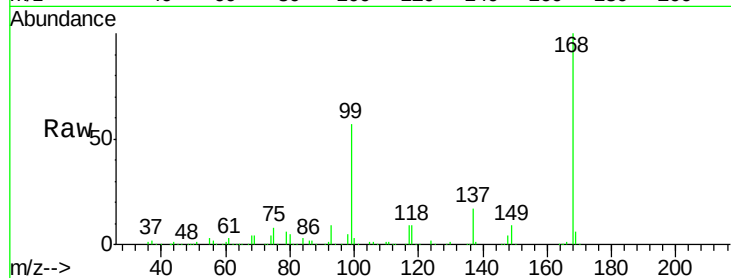
VW0908SBL01

Tot Ion:168 Resp: 217973

Ion Ratio Lower Upper

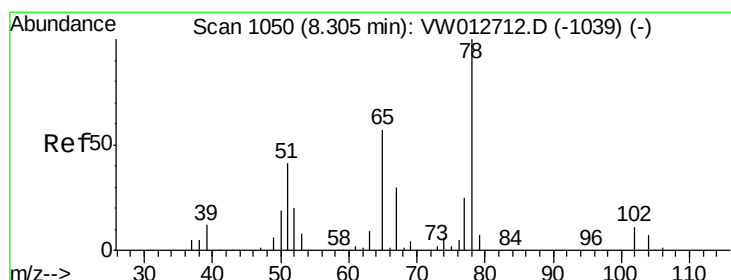
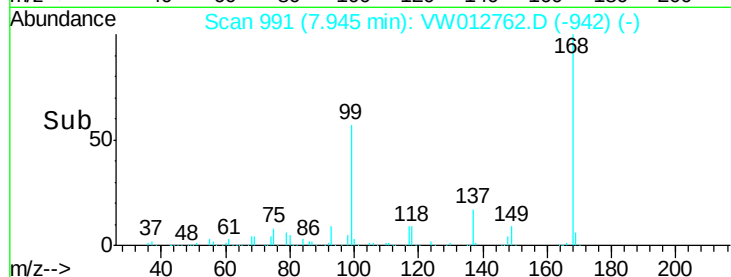
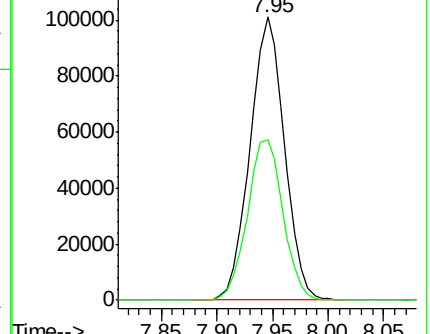
168 100

99 56.8 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 52.002 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012762.D

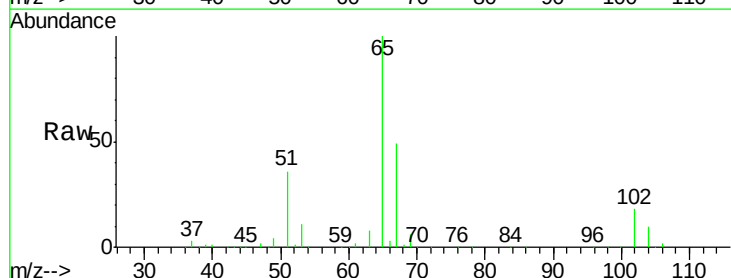
Acq: 08 Sep 2019 12:06

Tgt Ion: 65 Resp: 126649

Ion Ratio Lower Upper

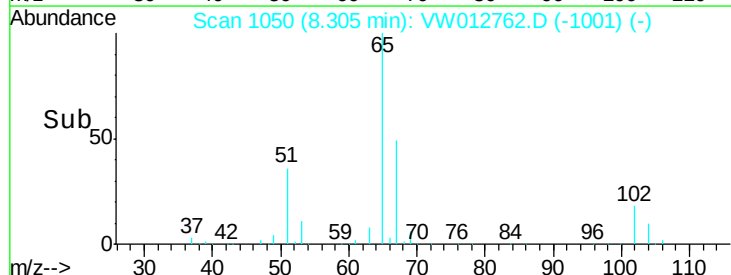
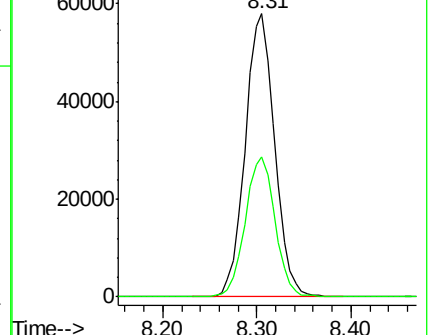
65 100

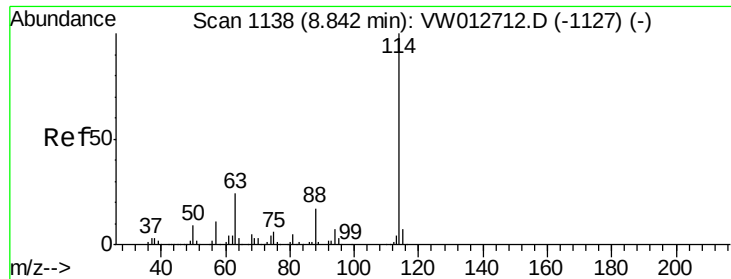
67 50.1 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

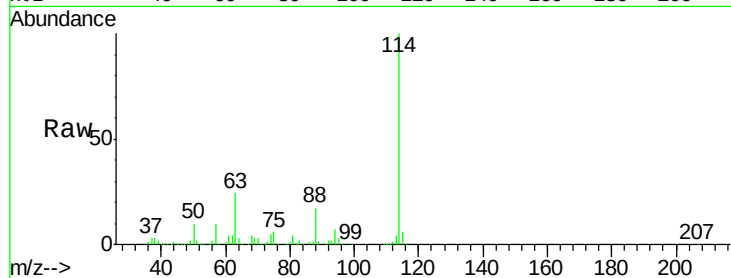




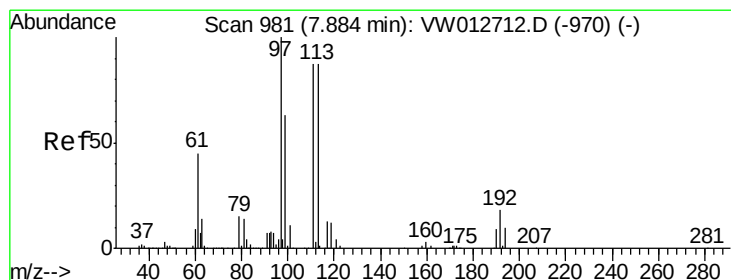
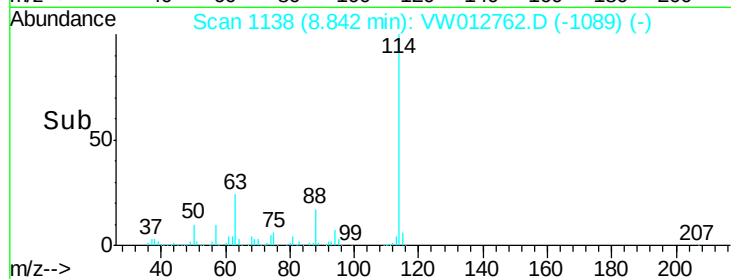
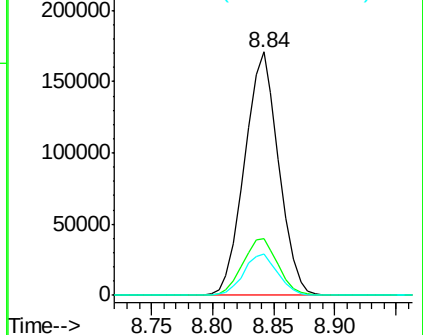
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012762.D
 Acq: 08 Sep 2019 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0908SBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	47.2
88	16.8	0.0	34.0

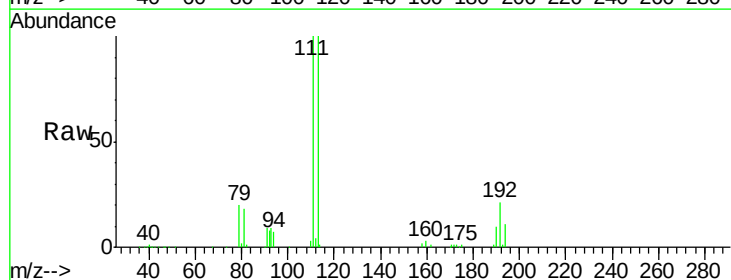


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

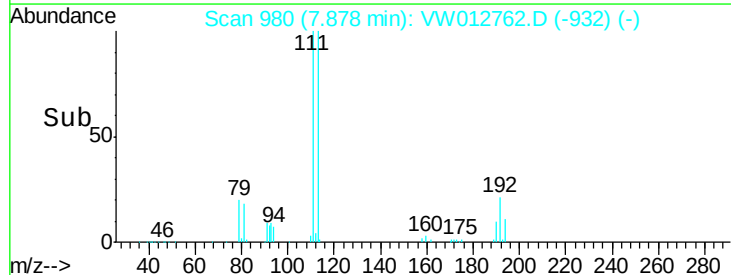
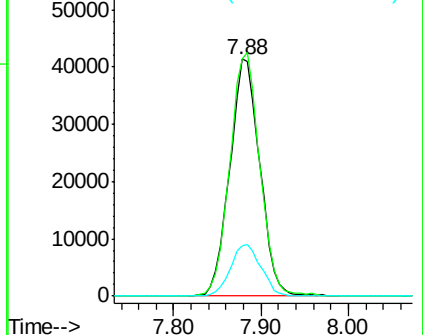


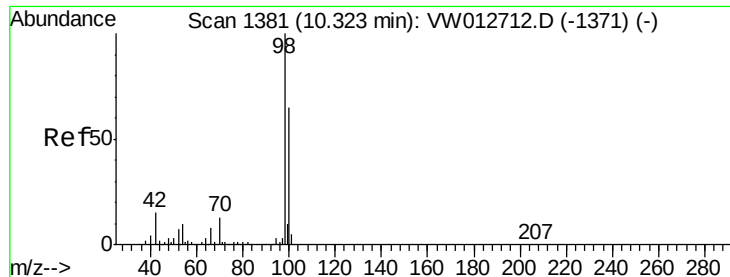
#35
 Dibromofluoromethane
 Concen: 50.199 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012762.D
 Acq: 08 Sep 2019 12:06

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.2	120.4
192	22.1	17.3	25.9



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: 52.152 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012762.D

Acq: 08 Sep 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

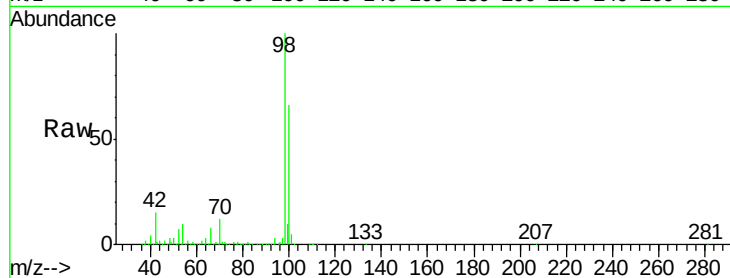
VW0908SBL01

Tot Ion: 98 Resp: 402164

Ion Ratio Lower Upper

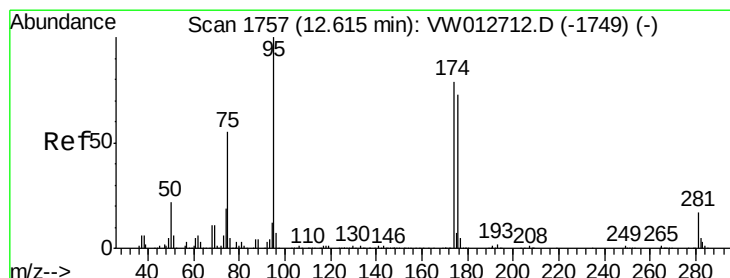
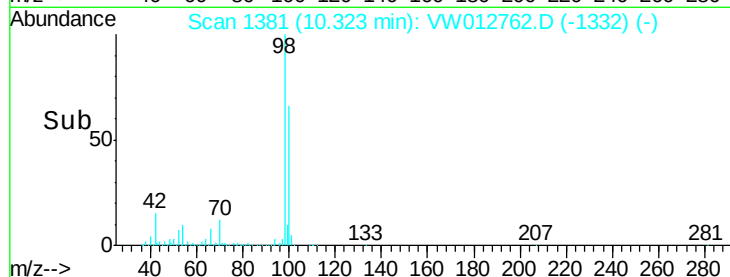
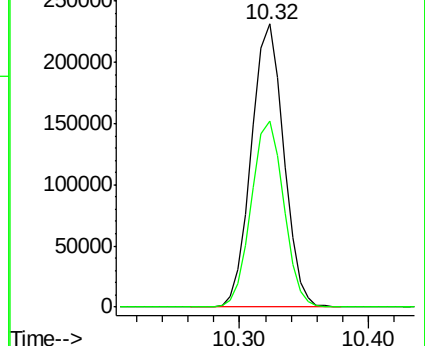
98 100

100 66.0 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 43.735 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012762.D

Acq: 08 Sep 2019 12:06

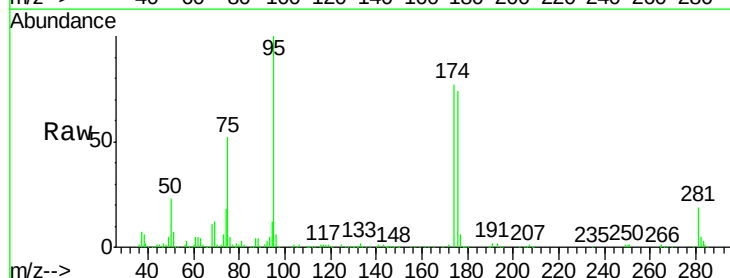
Tgt Ion: 95 Resp: 122436

Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.0

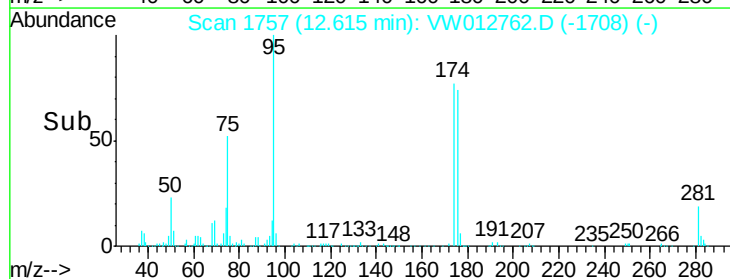
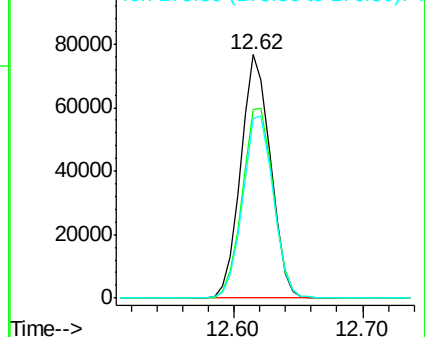
176 76.6 0.0 156.4

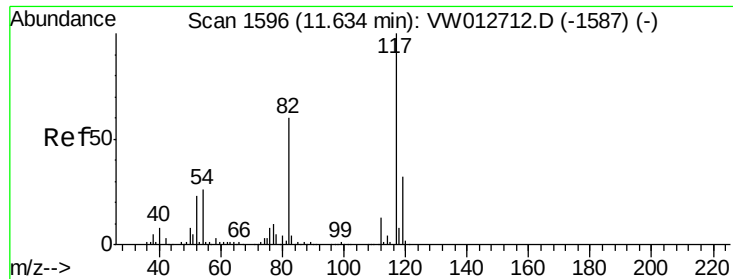


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

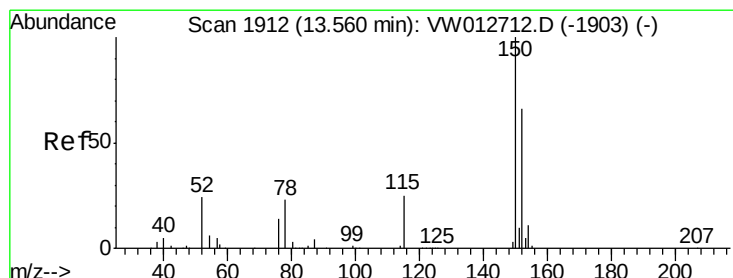
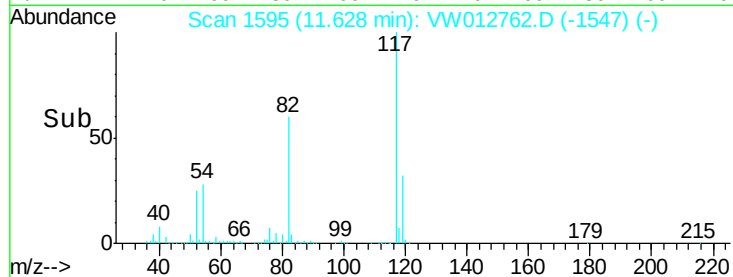
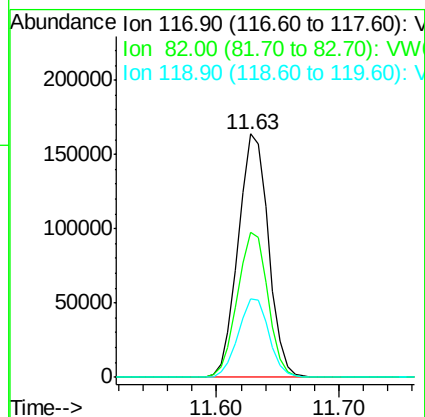
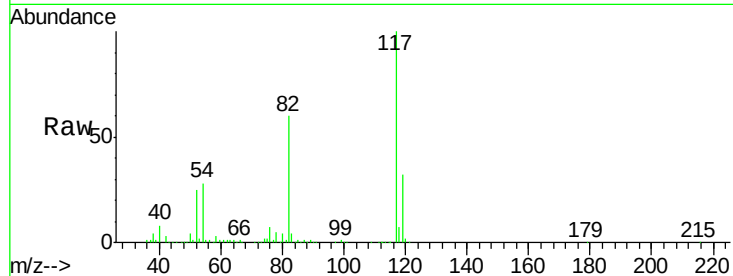




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012762.D
Acq: 08 Sep 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VW0908SBL01

Tot Ion:117 Resp: 280749
Ion Ratio Lower Upper
117 100
82 59.8 48.2 72.4
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012762.D
Acq: 08 Sep 2019 12:06

Tgt Ion:152 Resp: 118703
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.1
150 157.5 0.0 349.0

