

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012375.D
 Acq On : 31 Aug 2019 03:21
 Operator : SY/VA
 Sample : K4439-10
 Misc : 6.22G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S-5-(5-7)

Quant Time: Aug 31 04:57:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	223998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	370717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	106402	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	145714	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
35) Dibromofluoromethane	7.88	113	114697	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	10.32	98	455619	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.62	95	133923	42.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.68%	

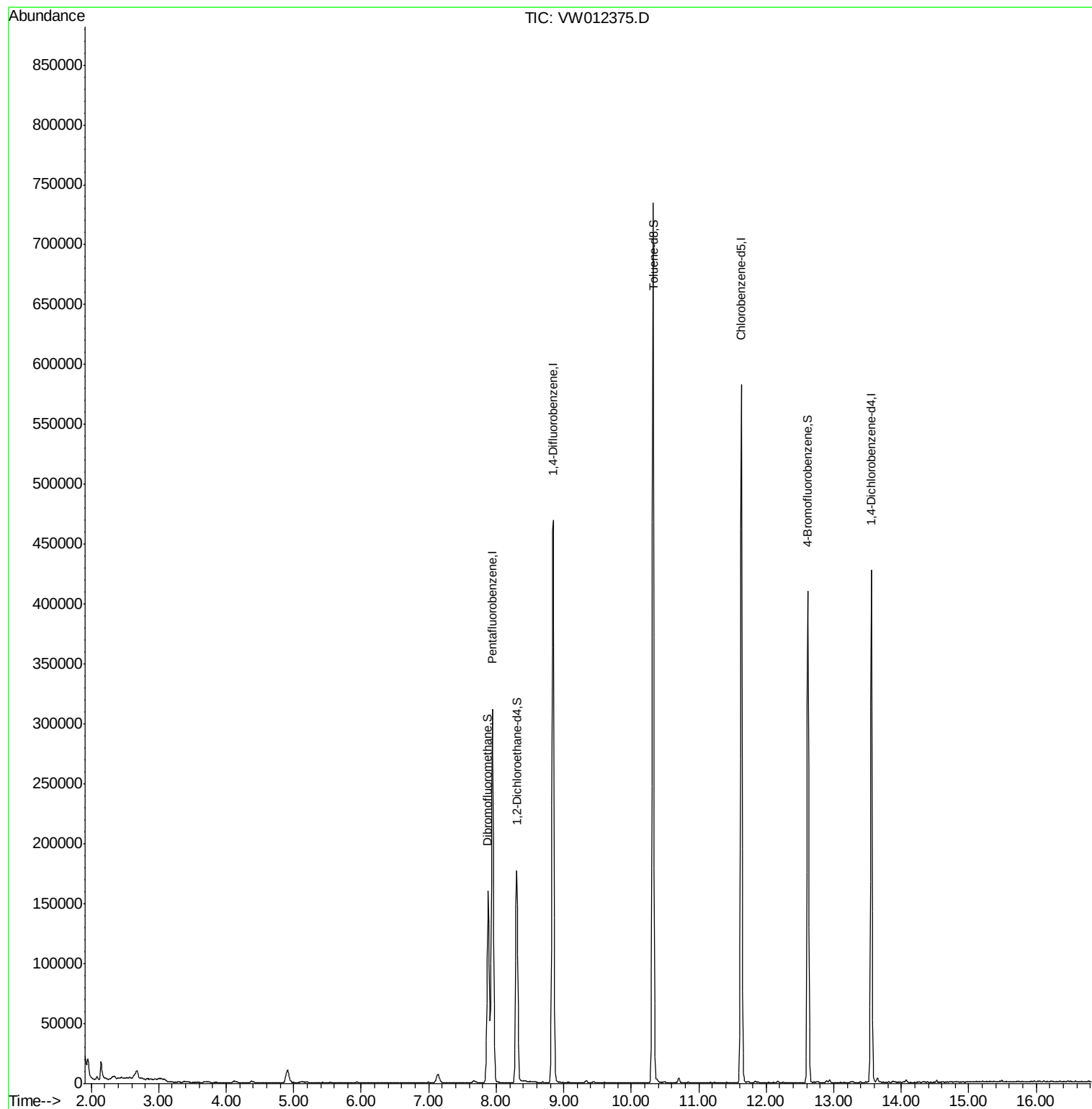
Target Compounds	Qvalue

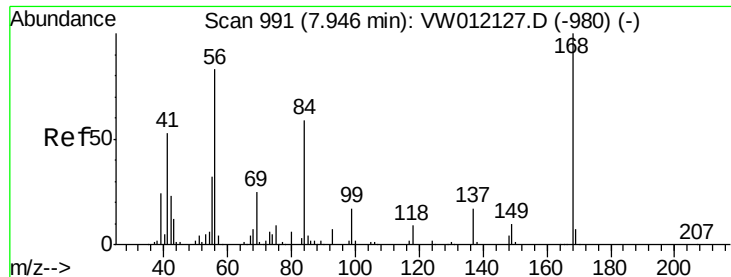
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012375.D

Acq: 31 Aug 2019 03:21

Instrument :

MSVOA_W

ClientSampleId :

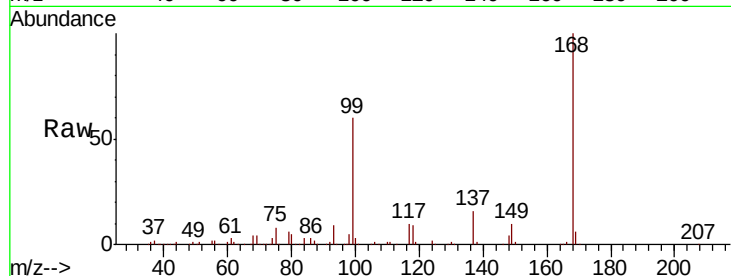
S-5-(5-7)

Tot Ion:168 Resp: 223998

Ion Ratio Lower Upper

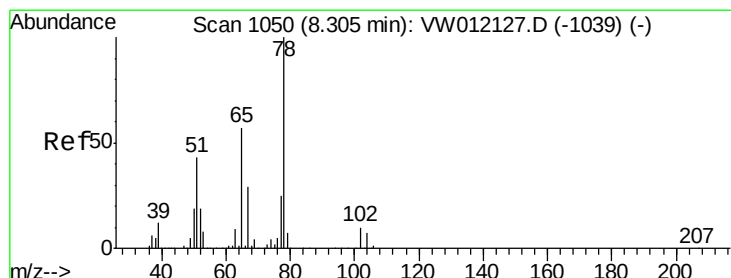
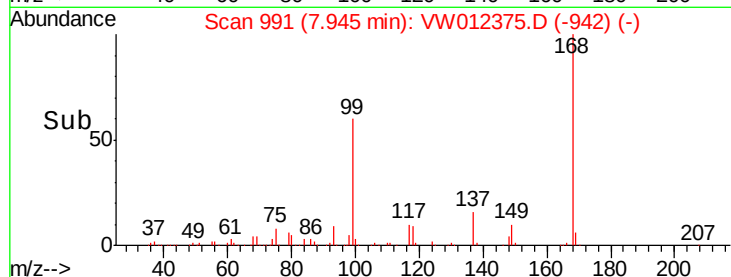
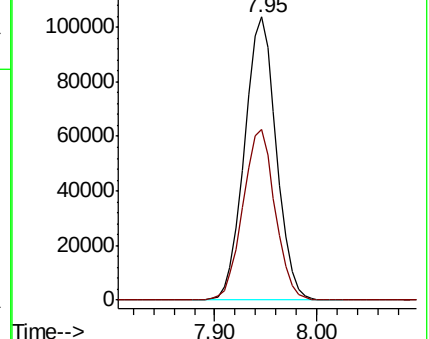
168 100

99 60.1 49.2 73.8



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: 54.722 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012375.D

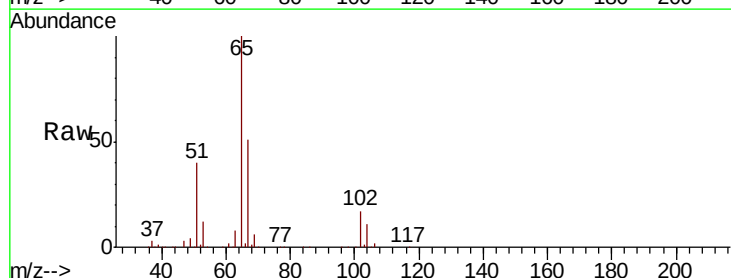
Acq: 31 Aug 2019 03:21

Tgt Ion: 65 Resp: 145714

Ion Ratio Lower Upper

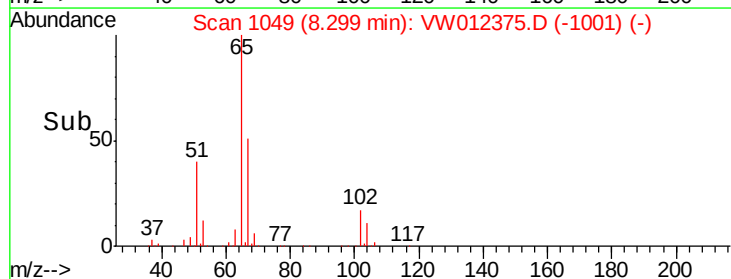
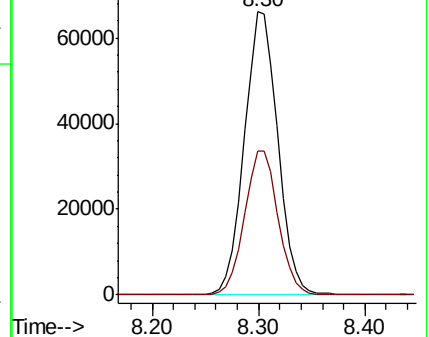
65 100

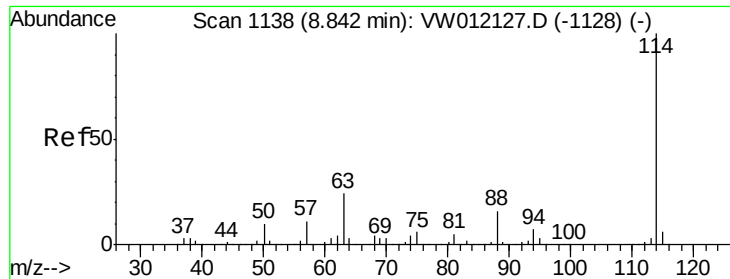
67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

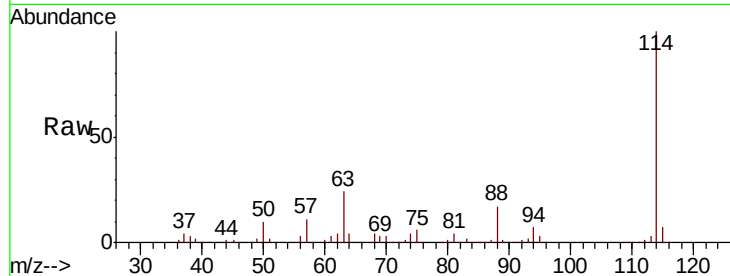




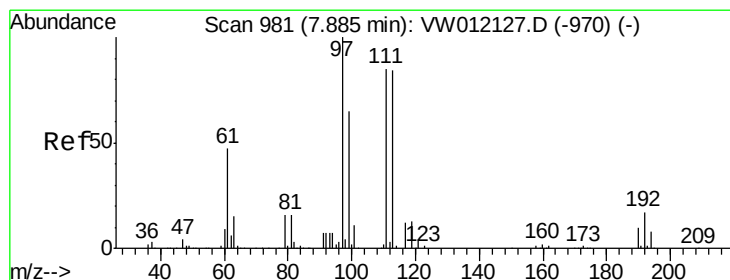
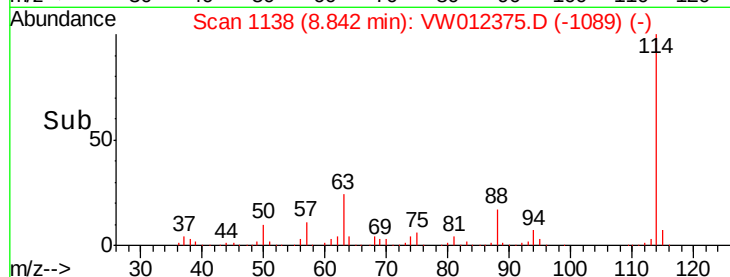
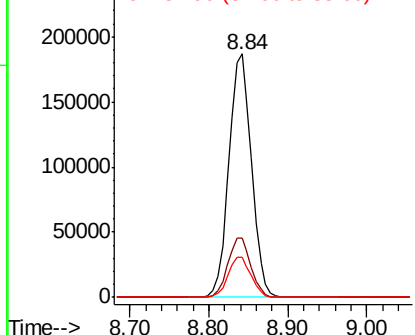
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012375.D
 Acq: 31 Aug 2019 03:21

Instrument :
 MSVOA_W
 ClientSampleId :
 S-5-(5-7)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	48.6
88	16.6	0.0	32.2

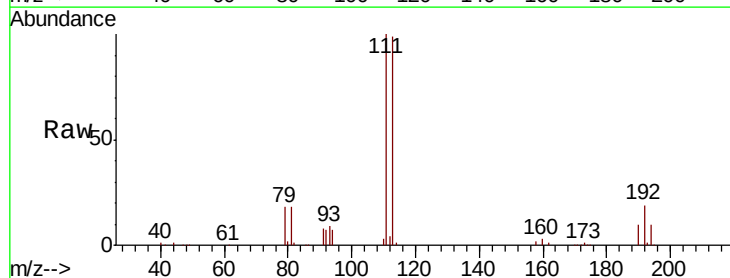


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

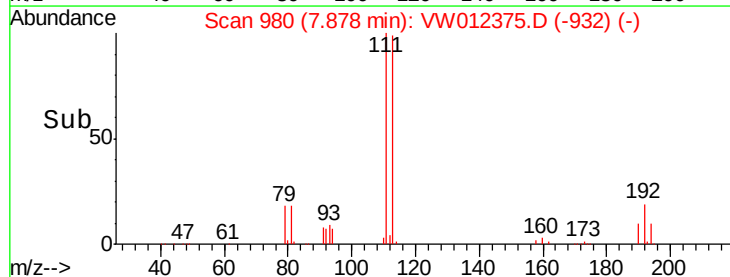
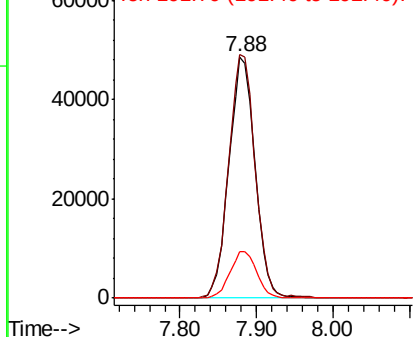


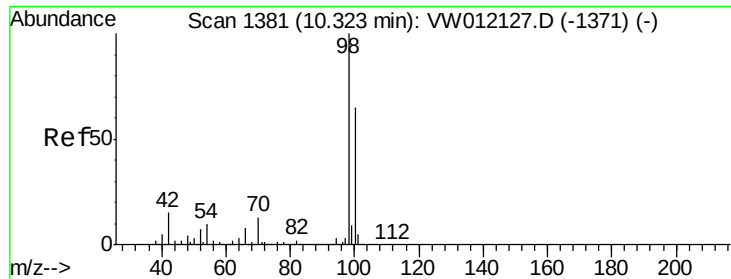
#35
 Dibromofluoromethane
 Concen: 51.833 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012375.D
 Acq: 31 Aug 2019 03:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.7	124.1
192	19.9	16.2	24.2



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: 50.780 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012375.D

Acq: 31 Aug 2019 03:21

Instrument :

MSVOA_W

ClientSampled :

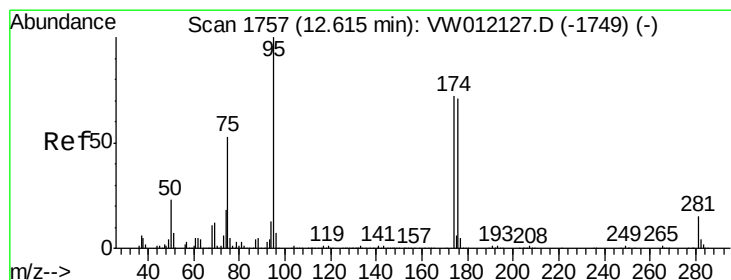
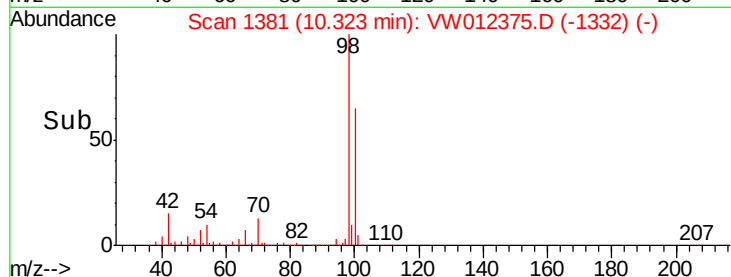
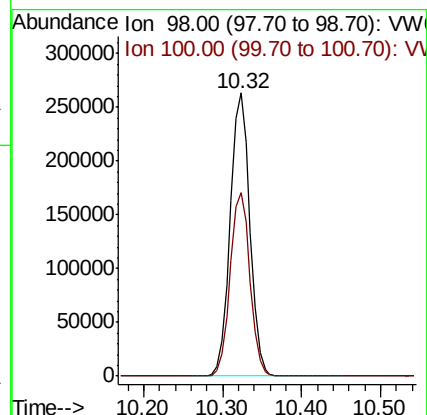
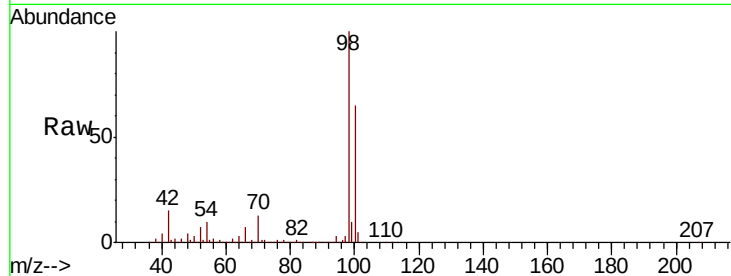
S-5-(5-7)

Tot Ion: 98 Resp: 455619

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 42.344 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012375.D

Acq: 31 Aug 2019 03:21

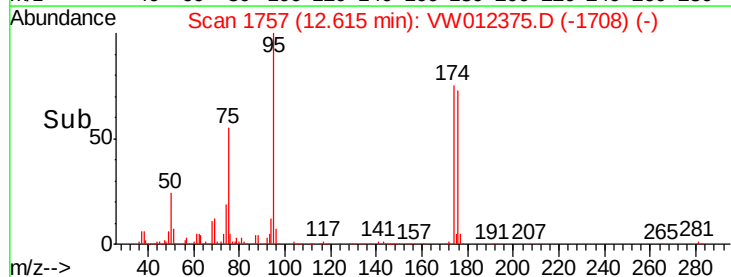
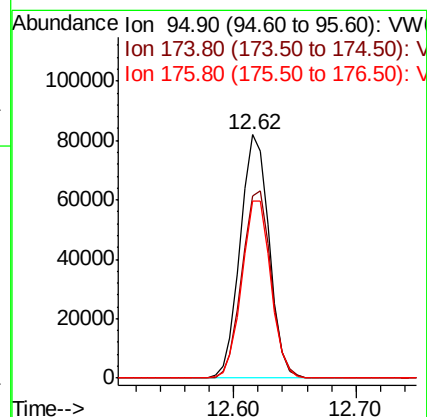
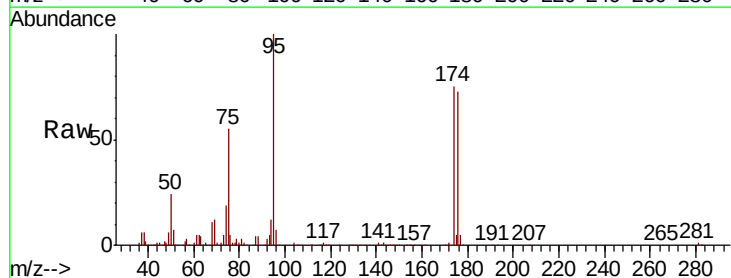
Tgt Ion: 95 Resp: 133923

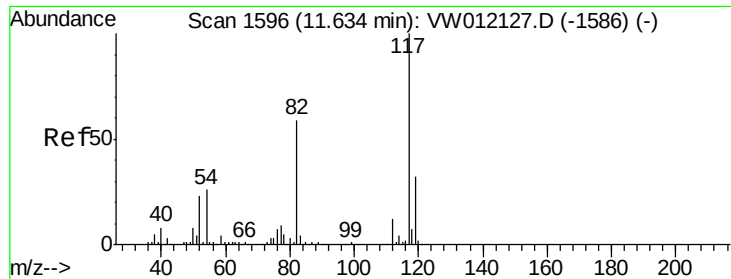
Ion Ratio Lower Upper

95 100

174 77.6 0.0 150.8

176 73.4 0.0 148.6

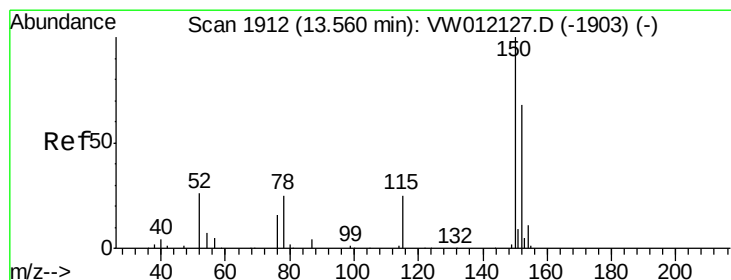
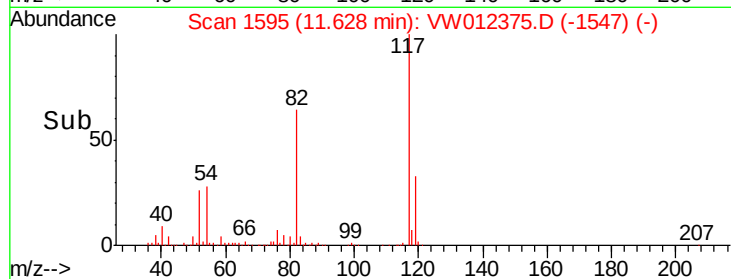
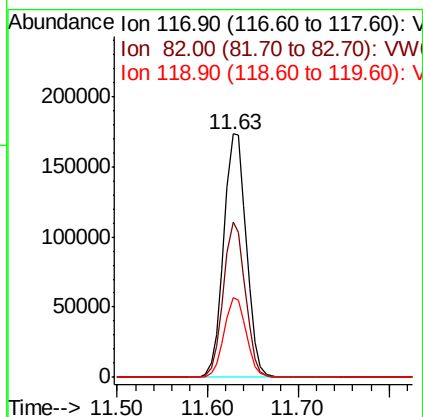
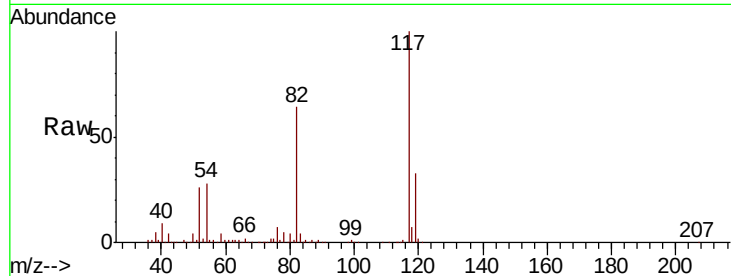




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012375.D
Acq: 31 Aug 2019 03:21

Instrument :
MSVOA_W
ClientSampleId :
S-5-(5-7)

Tot Ion	Ratio	Lower	Upper
117	100		
82	63.8	47.4	71.2
119	32.5	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012375.D
Acq: 31 Aug 2019 03:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.1	90.3
150	155.6	0.0	345.8

