

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012444.D
 Acq On : 01 Sep 2019 13:31
 Operator : SY/VA
 Sample : K4493-17RE
 Misc : 5.87G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-K3-(1.9)RE

Quant Time: Sep 02 07:44:30 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	168601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	271285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	153650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	29560	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	113834	56.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.60%	
35) Dibromofluoromethane	7.88	113	90488	55.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.76%	
50) Toluene-d8	10.32	98	300637	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
62) 4-Bromofluorobenzene	12.62	95	48720	21.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.10%	

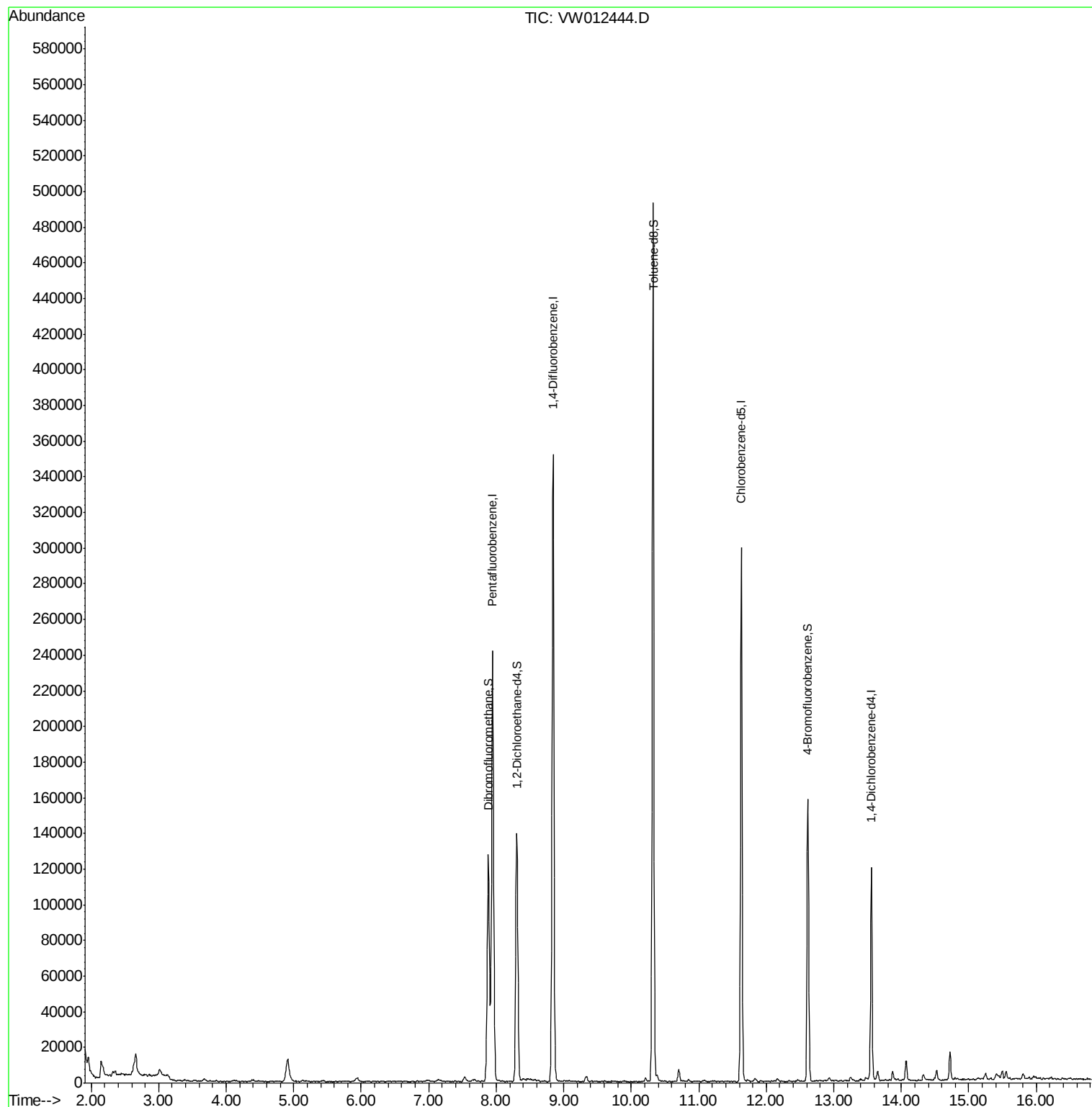
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW012444.D

Acq: 01 Sep 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

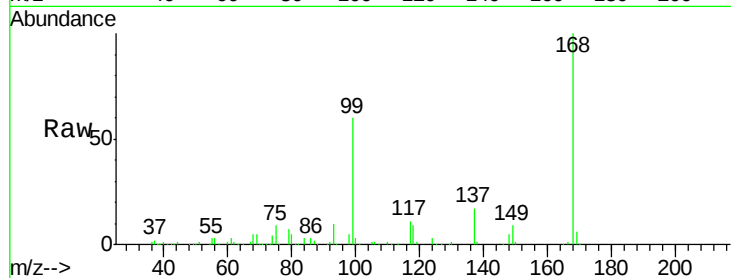
T9-12-13-K3-(1.9)RE

Tot Ion:168 Resp: 168601

Ion Ratio Lower Upper

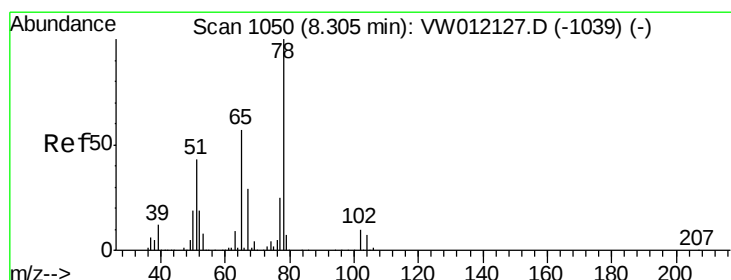
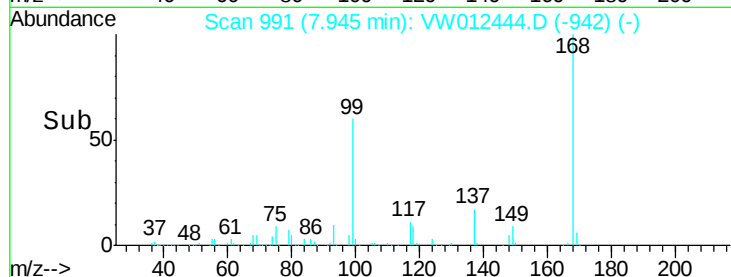
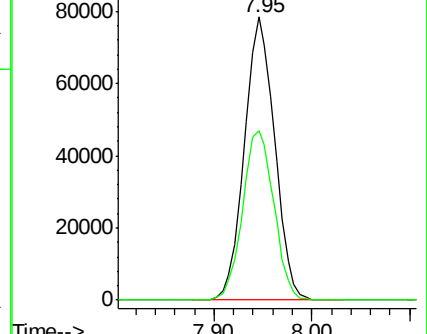
168 100

99 59.8 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: 56.796 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012444.D

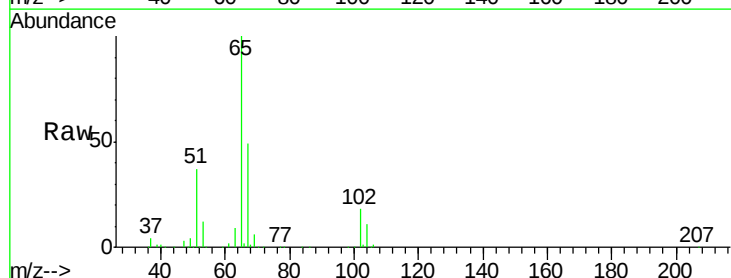
Acq: 01 Sep 2019 13:31

Tgt Ion: 65 Resp: 113834

Ion Ratio Lower Upper

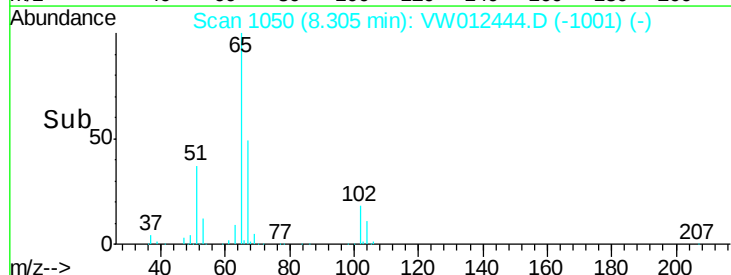
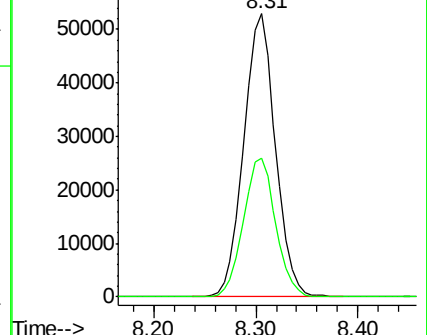
65 100

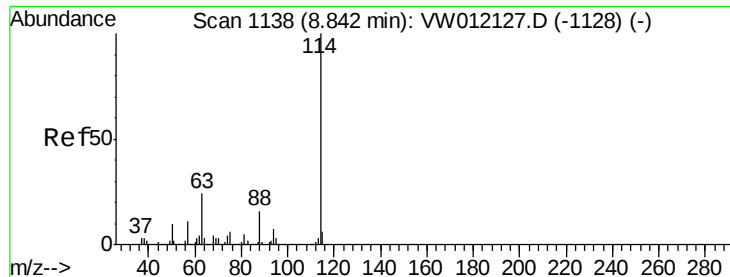
67 50.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

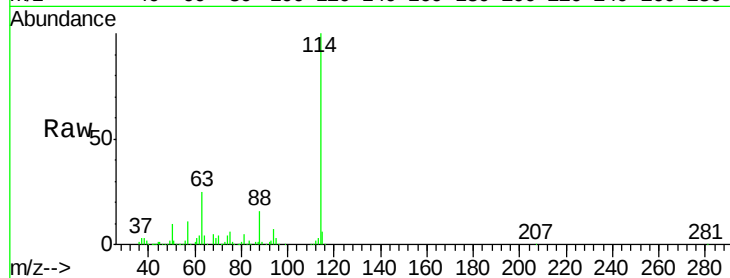




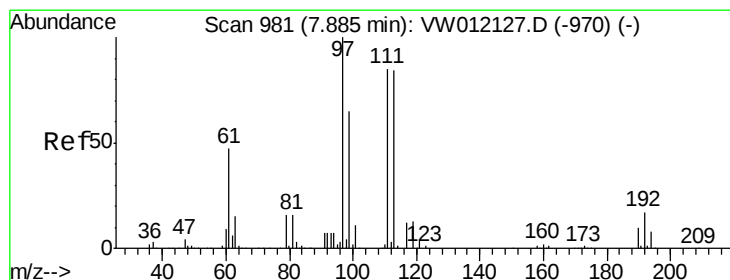
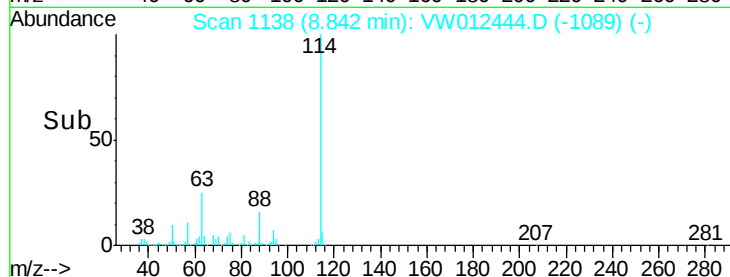
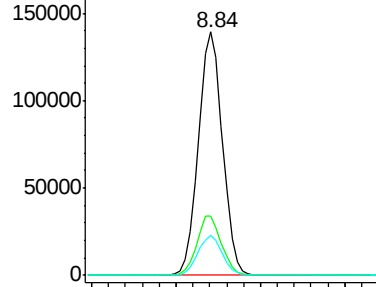
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012444.D
Acq: 01 Sep 2019 13:31

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-K3-(1.9)RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	48.6
88	16.4	0.0	32.2

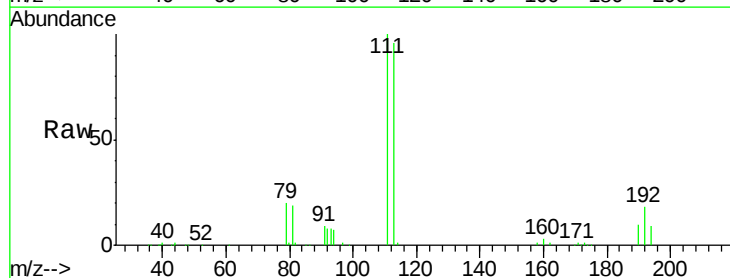


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

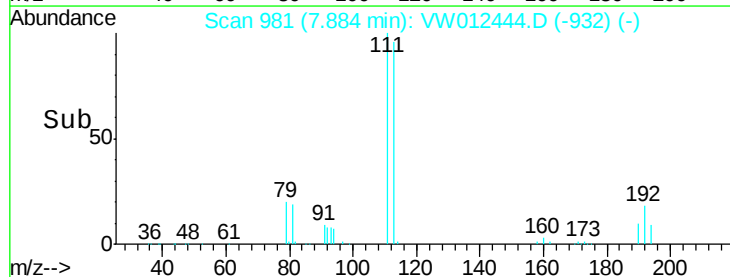
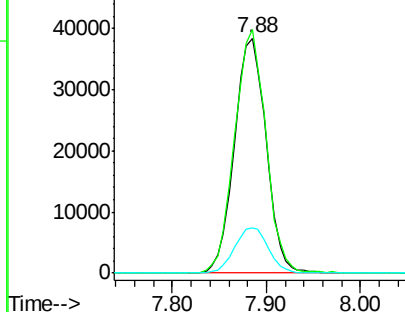


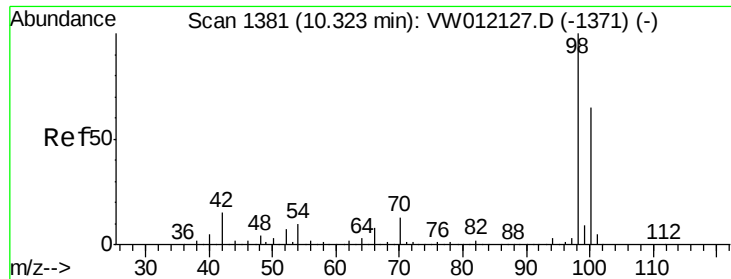
#35
Dibromofluoromethane
Concen: 55.881 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012444.D
Acq: 01 Sep 2019 13:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	20.3	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: 45.788 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012444.D

Acq: 01 Sep 2019 13:31

Instrument :

MSVOA_W

ClientSampleId :

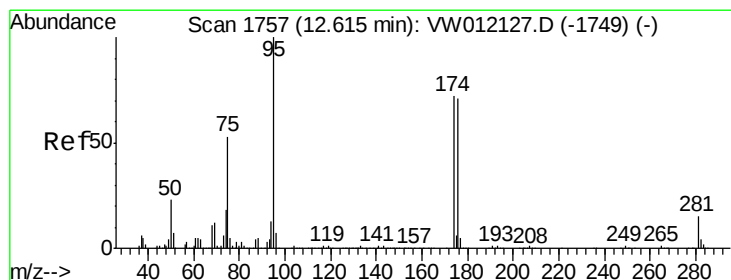
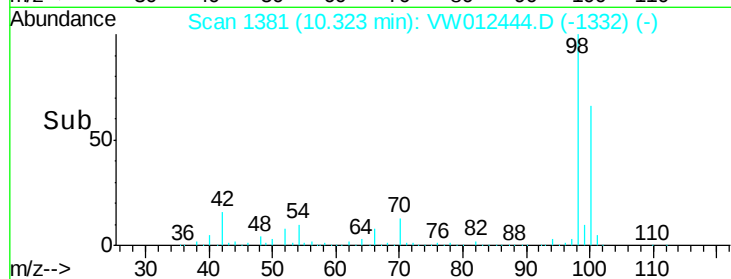
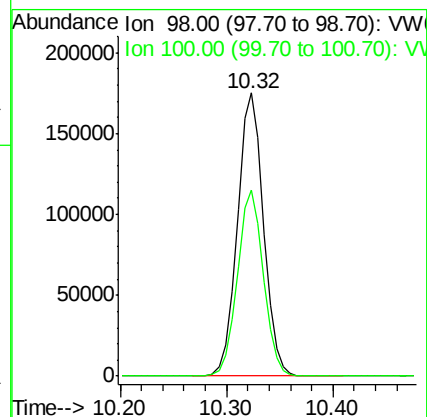
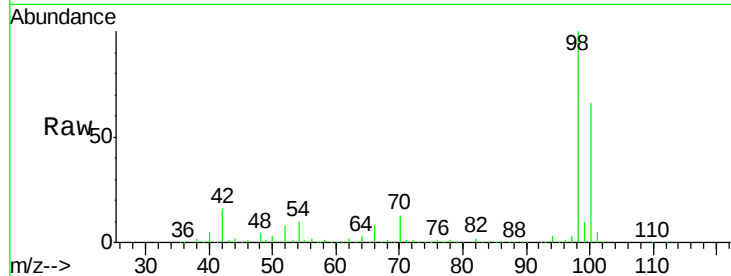
T9-12-13-K3-(1.9)RE

Tot Ion: 98 Resp: 300637

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 21.050 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012444.D

Acq: 01 Sep 2019 13:31

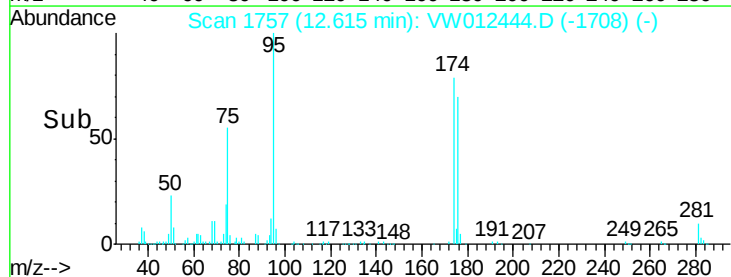
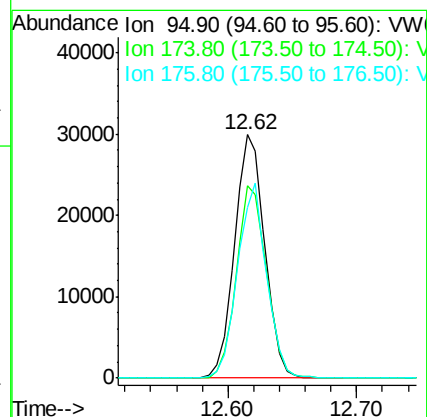
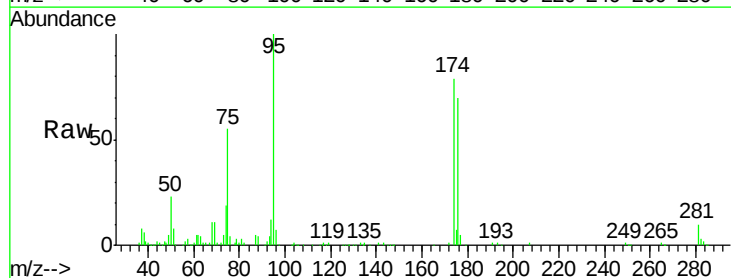
Tgt Ion: 95 Resp: 48720

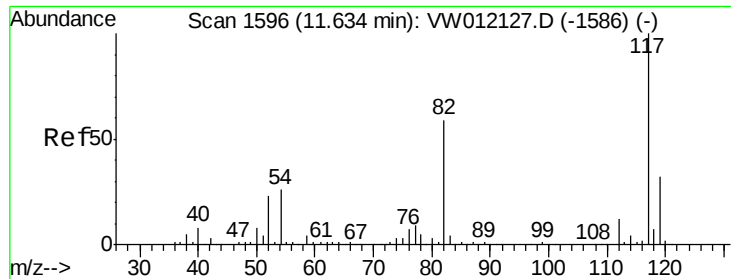
Ion Ratio Lower Upper

95 100

174 79.1 0.0 150.8

176 77.1 0.0 148.6

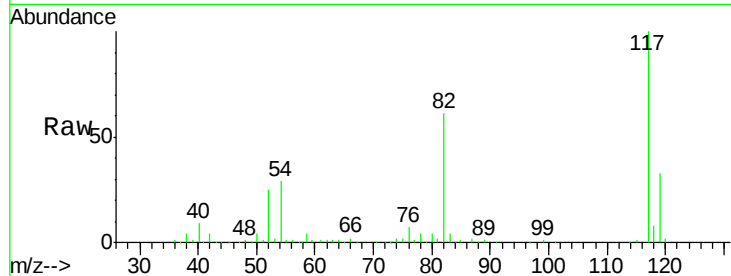




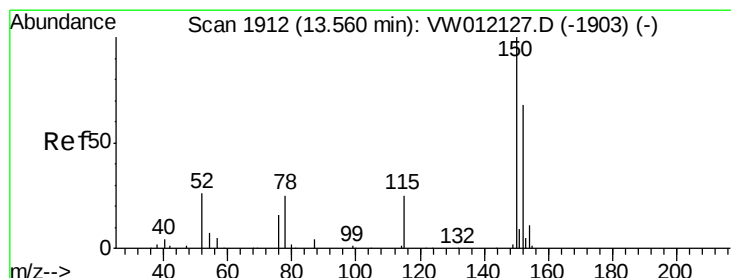
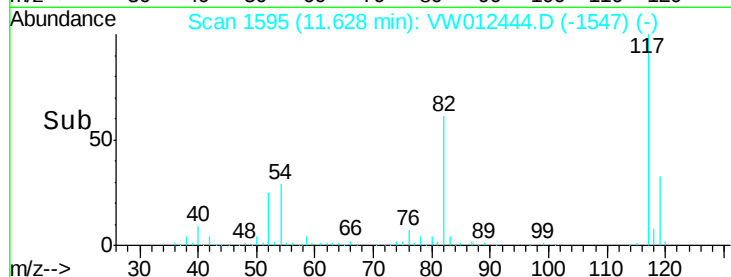
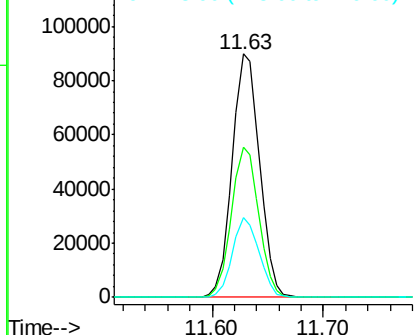
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012444.D
Acq: 01 Sep 2019 13:31

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-K3-(1.9)RE

Tot Ion:117 Resp: 153650
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 32.6 25.4 38.2

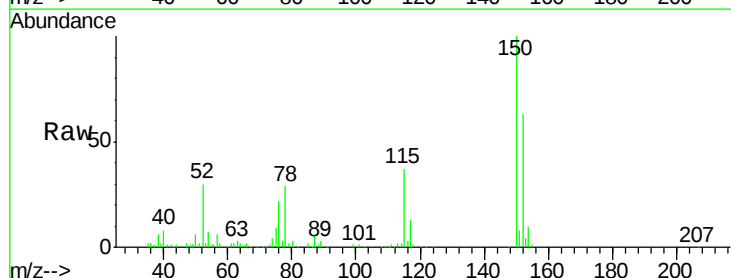


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012444.D
Acq: 01 Sep 2019 13:31

Tgt Ion:152 Resp: 29560
Ion Ratio Lower Upper
152 100
115 59.5 30.1 90.3
150 157.8 0.0 345.8



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

