

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012475.D
 Acq On : 02 Sep 2019 04:07
 Operator : SY/VA
 Sample : K4528-01
 Misc : 3.70G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q2-(0)

Quant Time: Sep 02 08:41:08 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

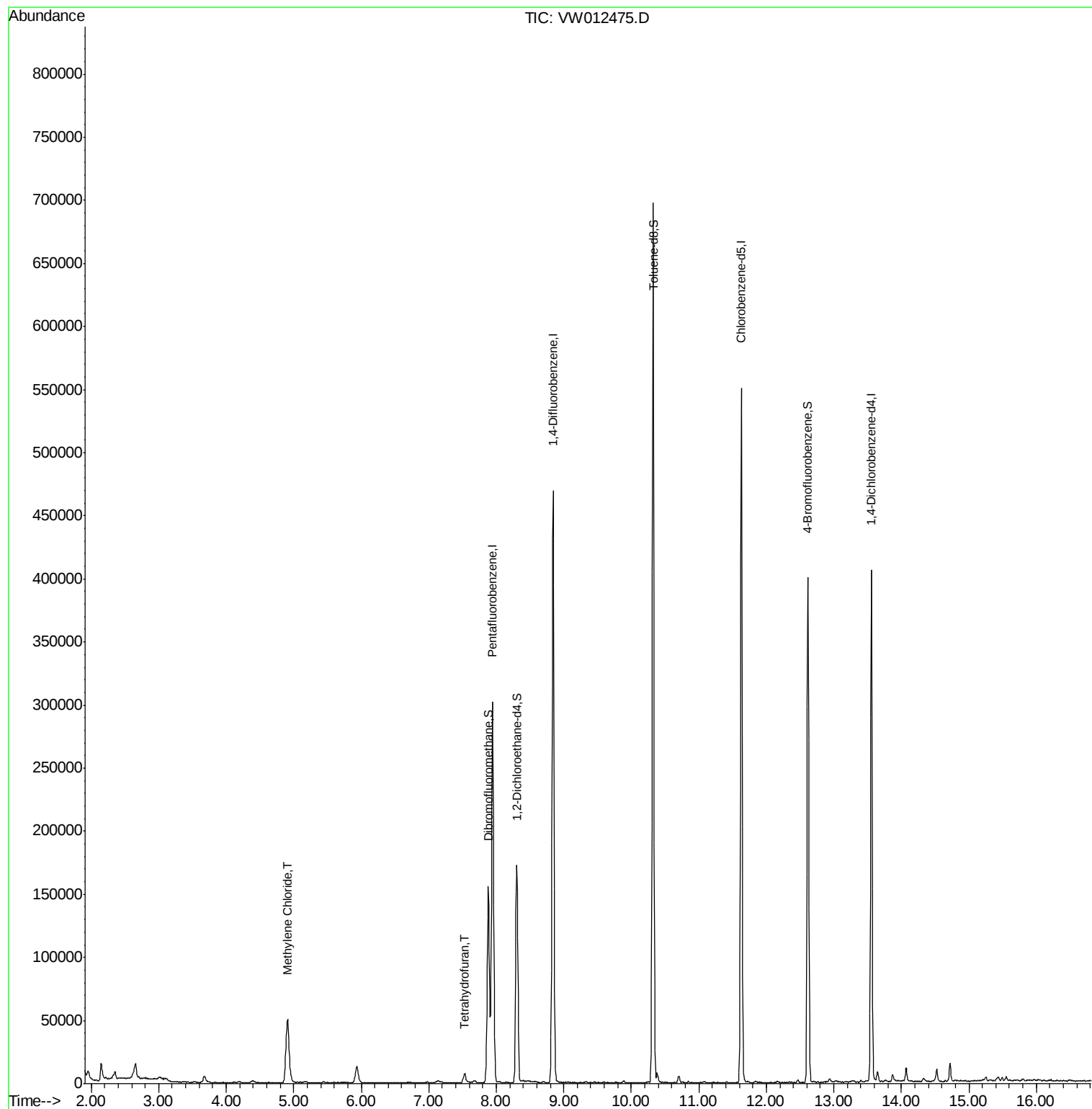
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	356007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	102962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	142401	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
35) Dibromofluoromethane	7.88	113	111114	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
50) Toluene-d8	10.32	98	433371	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.62	95	129016	42.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.96%	
Target Compounds						
20) Methylene Chloride	4.91	84	36501	14.649	ug/l	98
29) Tetrahydrofuran	7.53	42	6264	11.657	ug/l	99

(#) = 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: VW012475.D

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Instrument :

MSVOA_W

ClientSampleId :

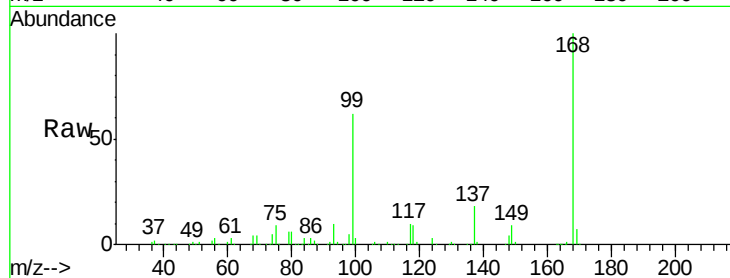
T9-12-13-Q2-(0)

Tot Ion:168 Resp: 216901

Ion Ratio Lower Upper

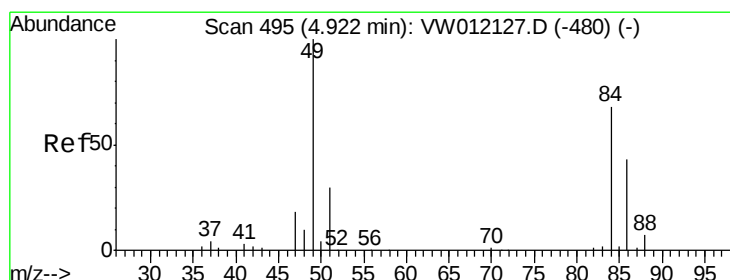
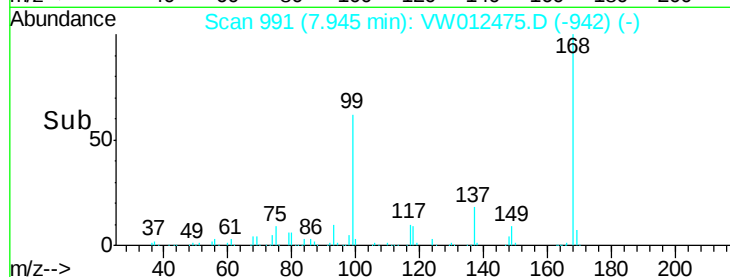
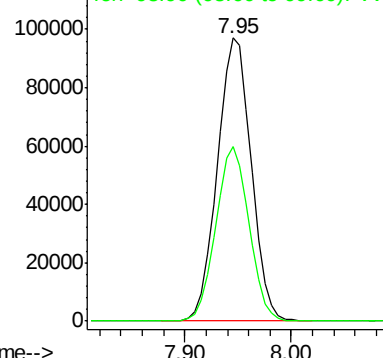
168 100

99 61.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 14.649 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012475.D

Acq: 02 Sep 2019 04:07

Tgt Ion: 84 Resp: 36501

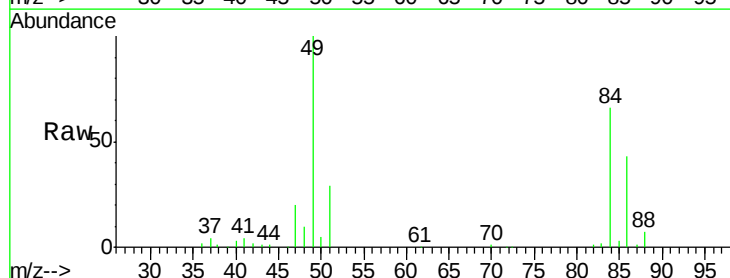
Ion Ratio Lower Upper

84 100

49 150.9 117.8 176.8

51 43.8 35.6 53.4

86 64.5 51.2 76.8

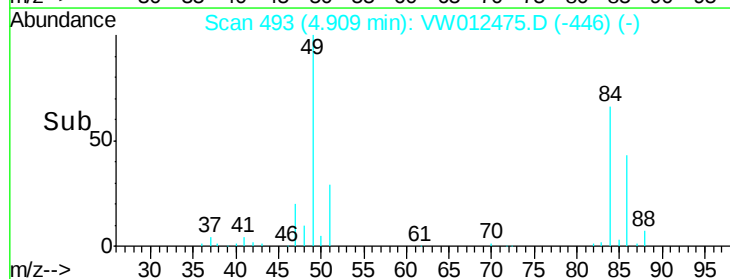
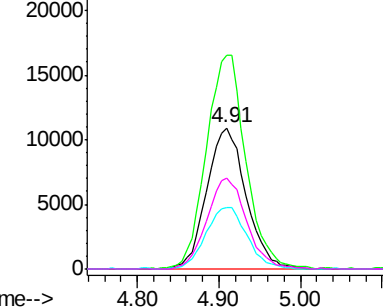


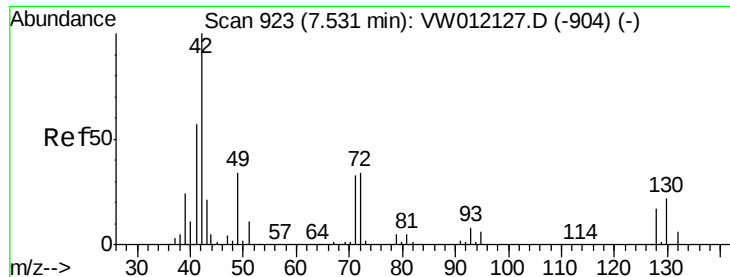
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

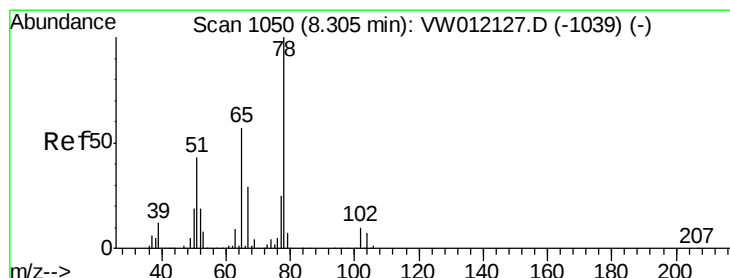
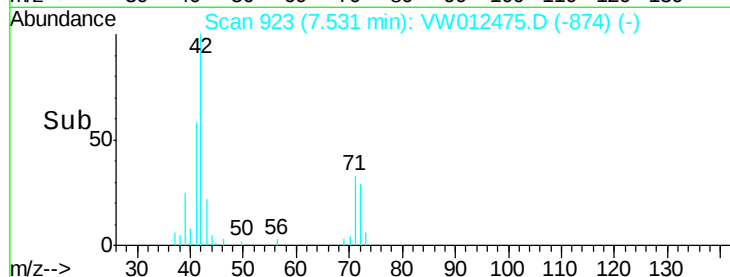
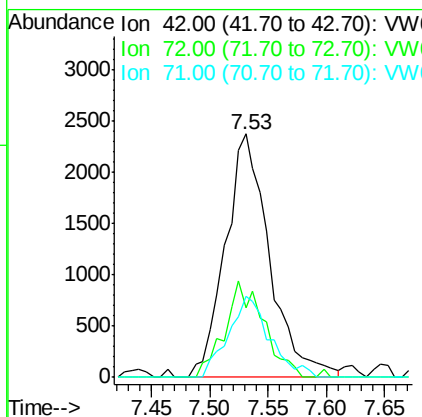
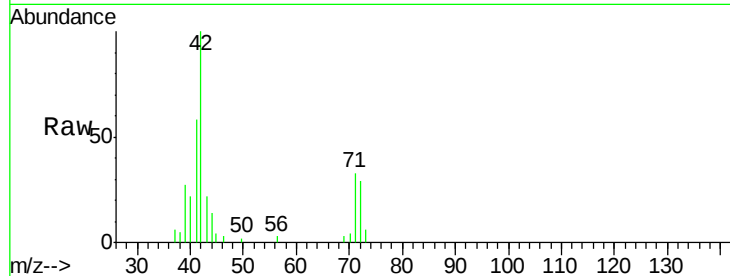




#29
Tetrahydrofuran
Concen: 11.657 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012475.D
Acq: 02 Sep 2019 04:07

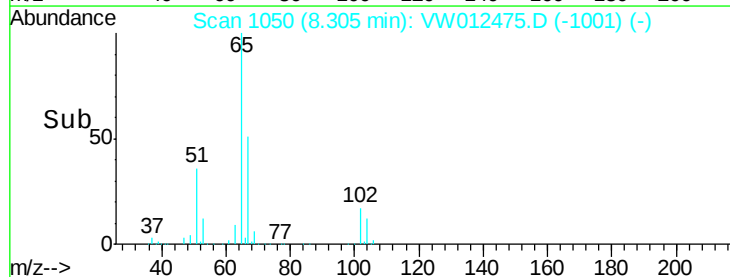
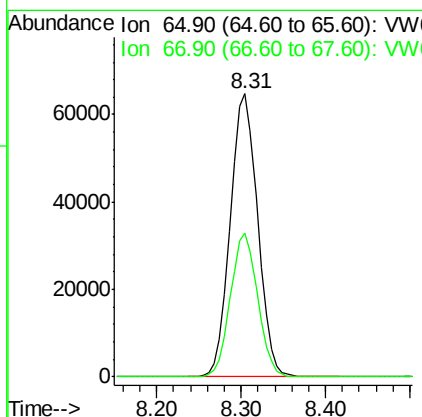
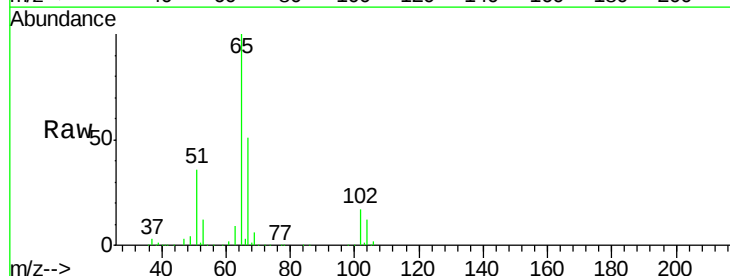
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-Q2-(0)

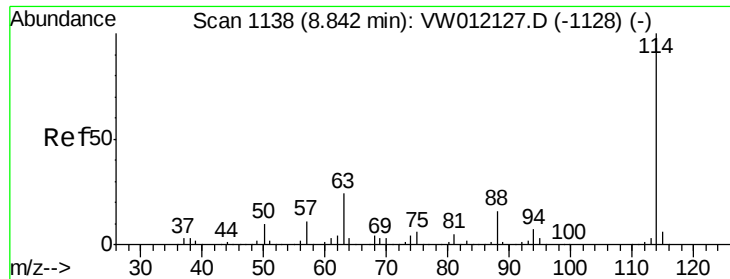
Tot Ion: 42 Resp: 6264
Ion Ratio Lower Upper
42 100
72 34.9 27.3 40.9
71 31.2 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 55.228 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012475.D
Acq: 02 Sep 2019 04:07

Tgt Ion: 65 Resp: 142401
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.6

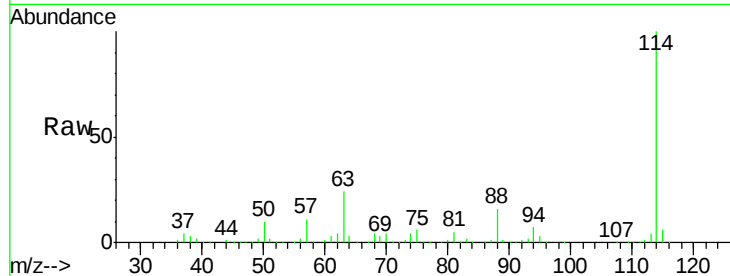




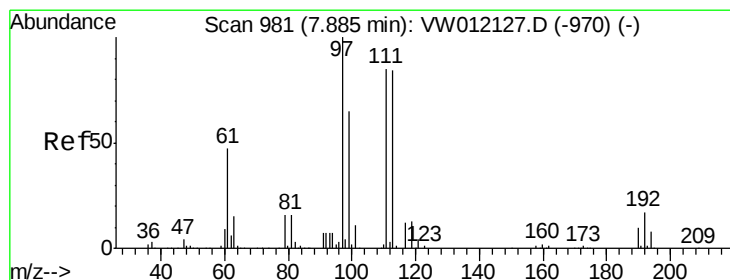
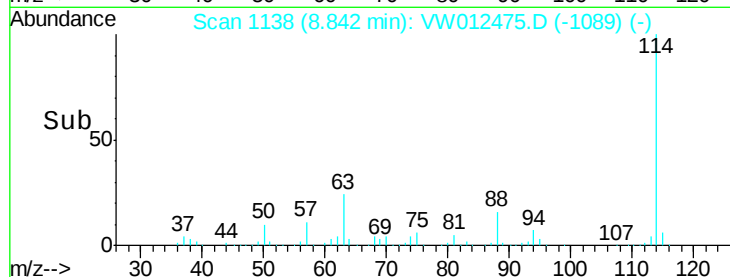
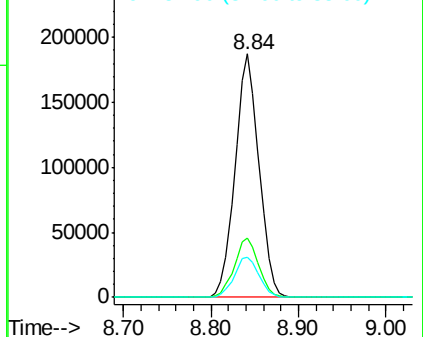
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012475.D
 Acq: 02 Sep 2019 04:07

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-Q2-(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	48.6
88	16.3	0.0	32.2

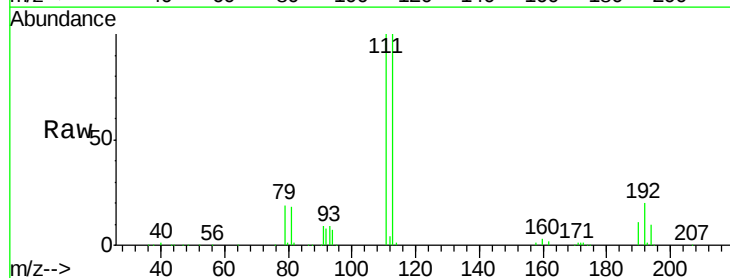


Abundance Ion 113.90 (113.60 to 114.60): V

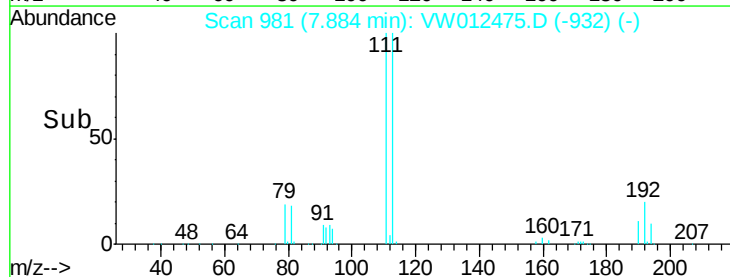
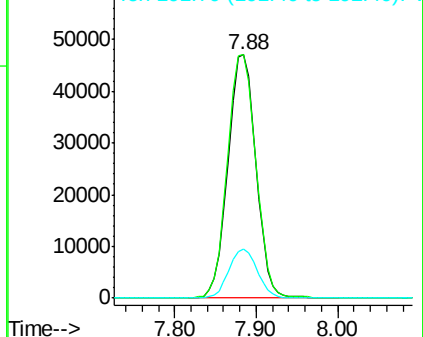


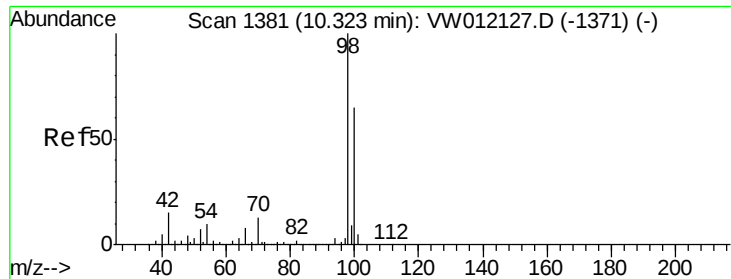
#35
 Dibromofluoromethane
 Concen: 52.289 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012475.D
 Acq: 02 Sep 2019 04:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.7	124.1
192	20.5	16.2	24.2



Abundance Ion 112.80 (112.50 to 113.50): V





#50

Toluene-d8

Concen: 50.297 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012475.D

Acq: 02 Sep 2019 04:07

Instrument :

MSVOA_W

ClientSampleId :

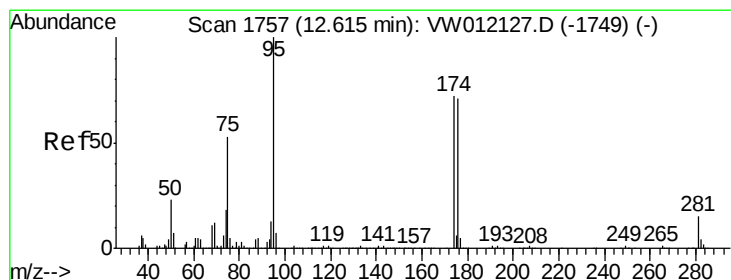
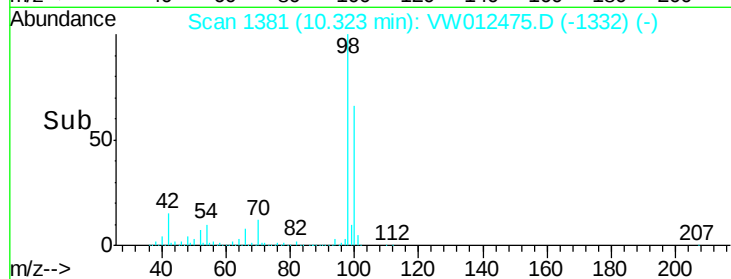
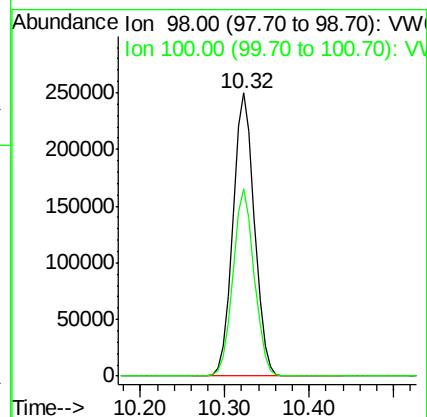
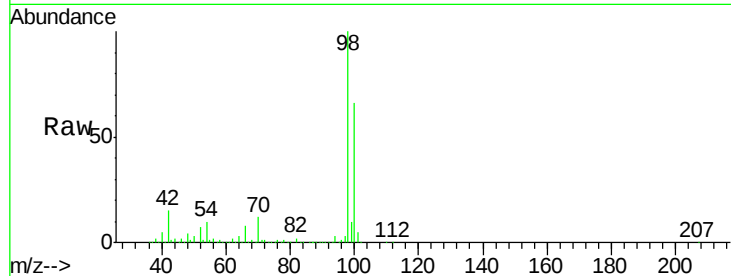
T9-12-13-Q2-(0)

Tot Ion: 98 Resp: 433371

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 42.478 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012475.D

Acq: 02 Sep 2019 04:07

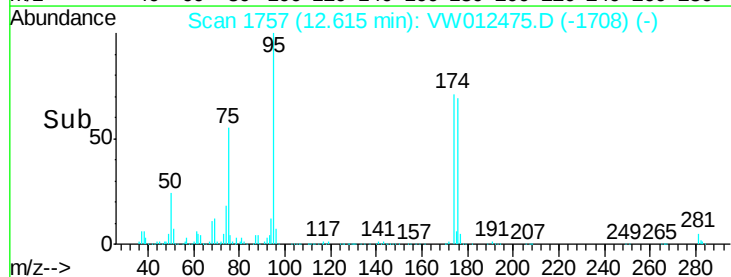
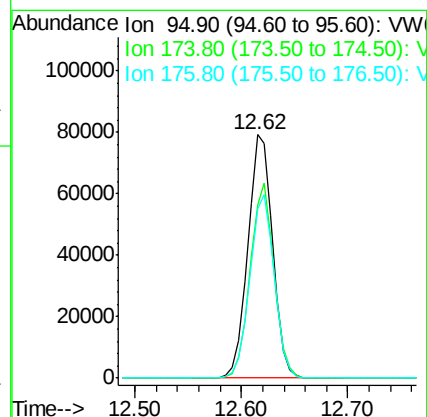
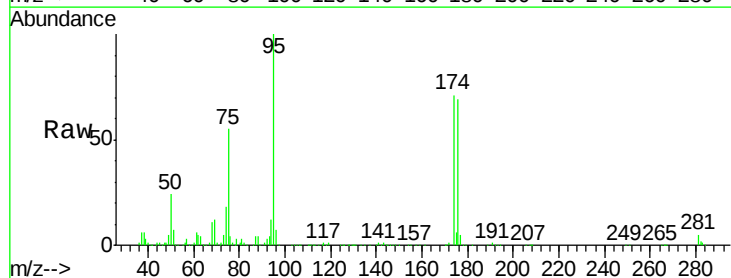
Tgt Ion: 95 Resp: 129016

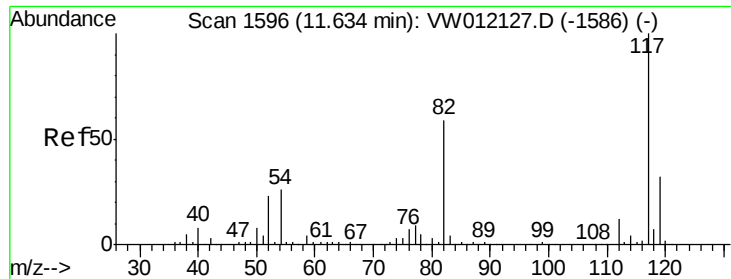
Ion Ratio Lower Upper

95 100

174 77.5 0.0 150.8

176 74.7 0.0 148.6

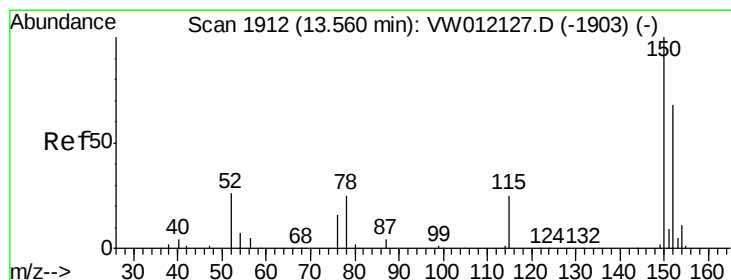
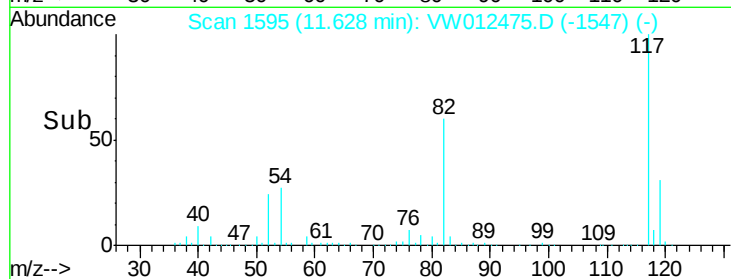
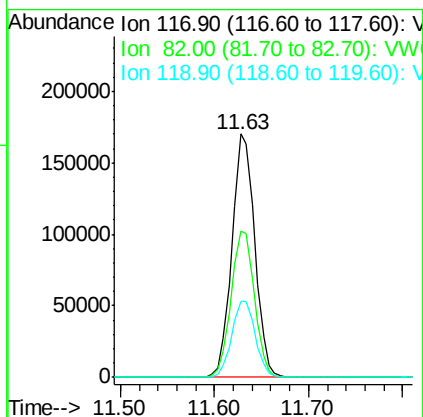
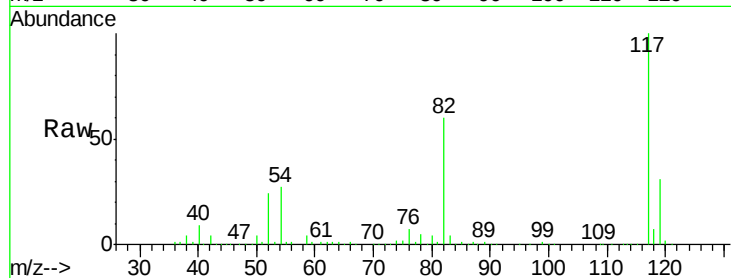




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012475.D
Acq: 02 Sep 2019 04:07

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-Q2-(0)

Tot Ion:117 Resp: 285637
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 31.3 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: VW012475.D
Acq: 02 Sep 2019 04:07

Tgt Ion:152 Resp: 102962
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.3
150 155.1 0.0 345.8

