

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012567.D
 Acq On : 04 Sep 2019 01:23
 Operator : SY/VA
 Sample : K4544-16
 Misc : 5.52G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C2-(2.25)

Quant Time: Sep 04 07:57:03 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

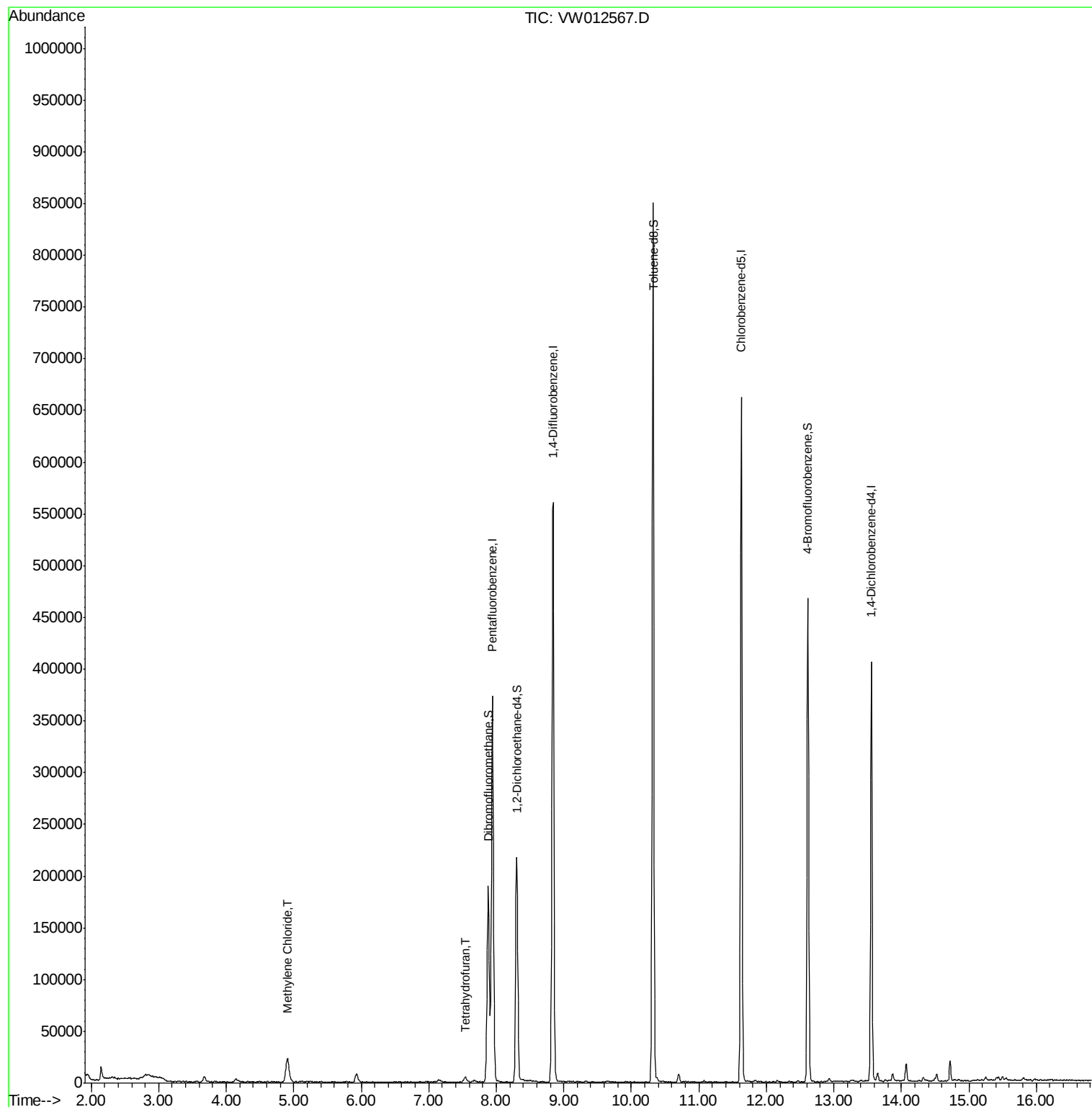
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	268024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	438923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	343949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	103303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	179675	56.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.78%	
35) Dibromofluoromethane	7.88	113	136306	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
50) Toluene-d8	10.32	98	535701	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
62) 4-Bromofluorobenzene	12.62	95	143244	38.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.50%	
Target Compounds						
20) Methylene Chloride	4.91	84	16915	5.494	ug/l	97
29) Tetrahydrofuran	7.54	42	4724	7.114	ug/l	98

(#) = 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: VW012567.D

Acq: 04 Sep 2019 01:23

Instrument :

MSVOA_W

ClientSampleId :

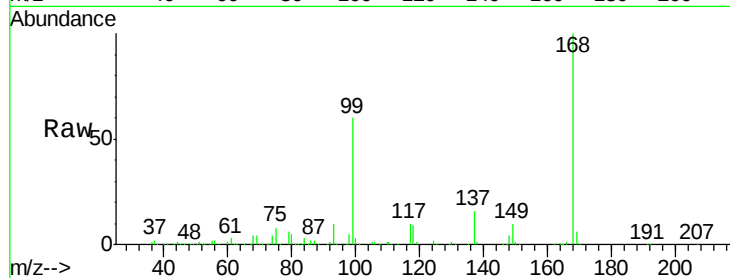
T16-17-C2-(2.25)

Tot Ion:168 Resp: 268024

Ion Ratio Lower Upper

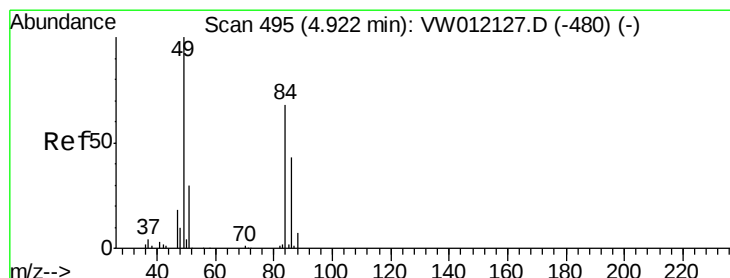
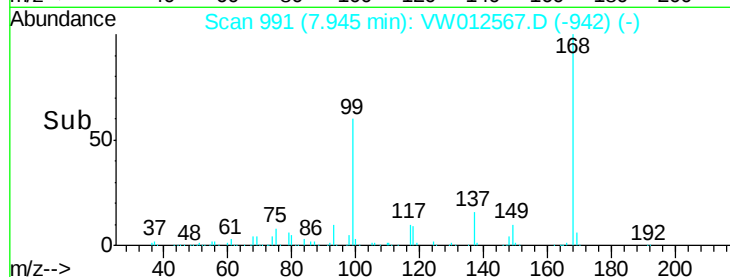
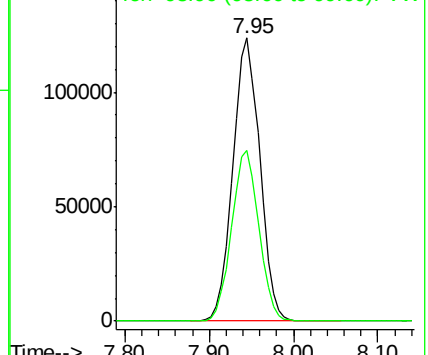
168 100

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



#20

Methylene Chloride

Concen: 5.494 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012567.D

Acq: 04 Sep 2019 01:23

Tgt Ion: 84 Resp: 16915

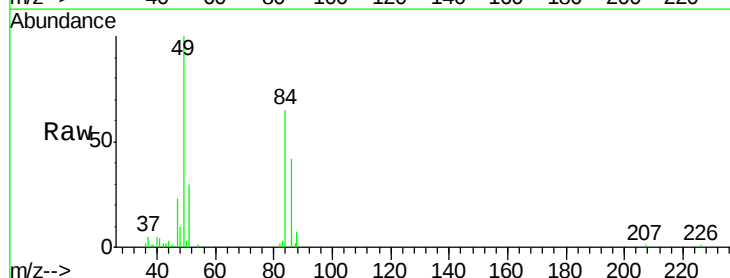
Ion Ratio Lower Upper

84 100

49 153.4 117.8 176.8

51 45.7 35.6 53.4

86 65.0 51.2 76.8

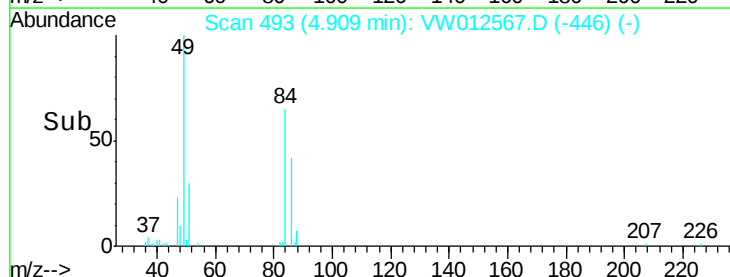
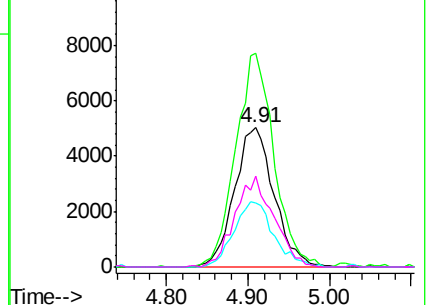


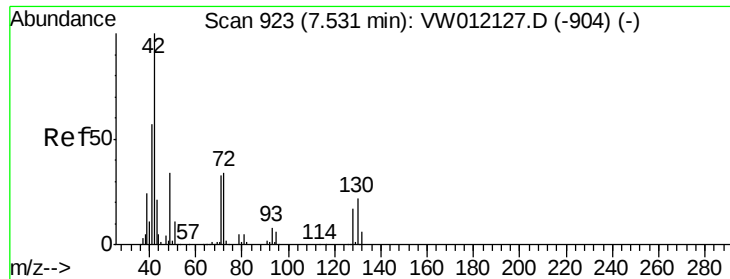
Abundance Ion 83.90 (83.60 to 84.60): VW

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

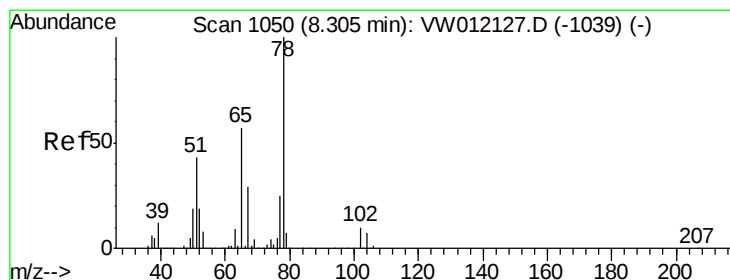
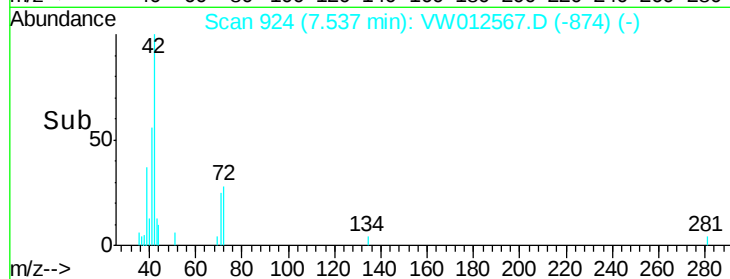
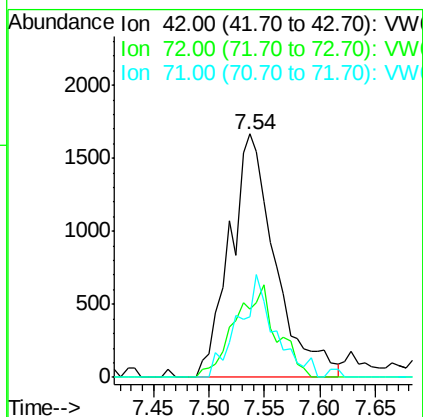
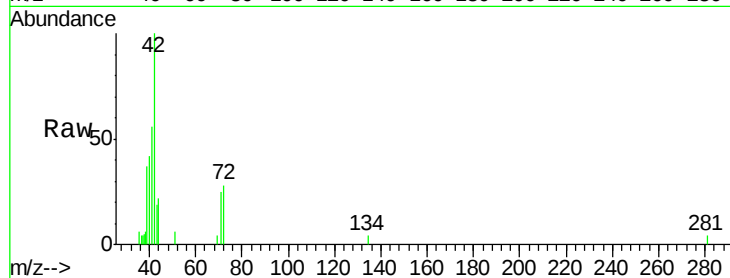




#29
Tetrahydrofuran
Concen: 7.114 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012567.D
Acq: 04 Sep 2019 01:23

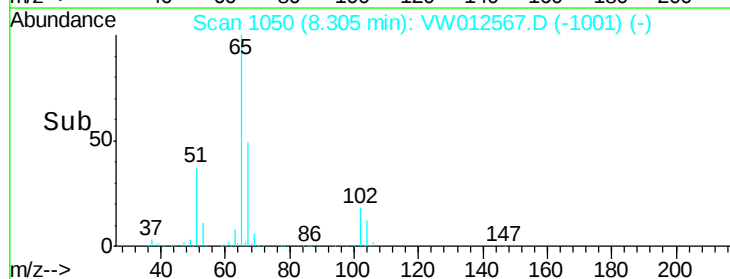
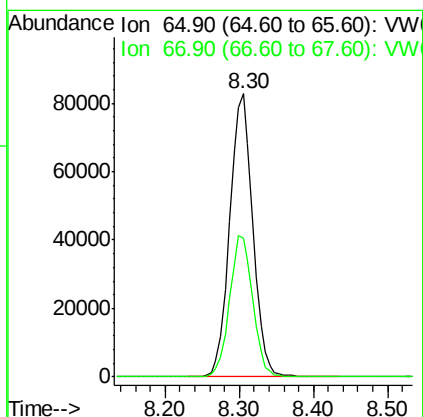
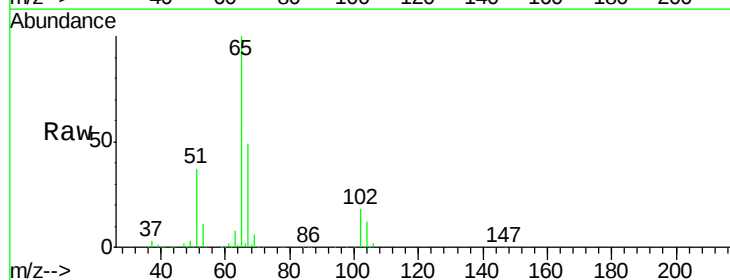
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C2-(2.25)

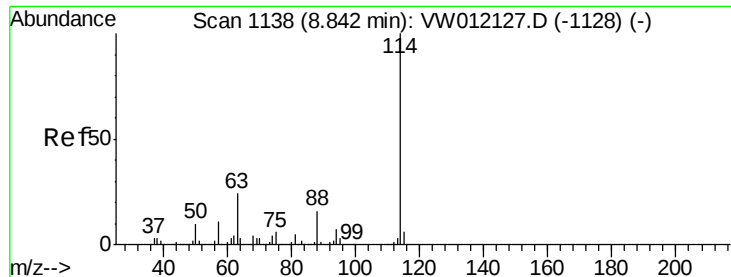
Tot Ion: 42 Resp: 4724
Ion Ratio Lower Upper
42 100
72 34.8 27.3 40.9
71 33.3 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 56.392 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012567.D
Acq: 04 Sep 2019 01:23

Tgt Ion: 65 Resp: 179675
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.6

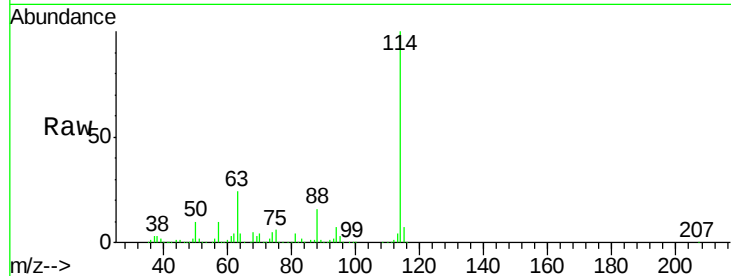




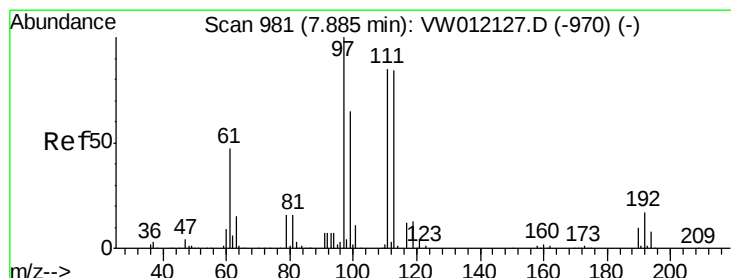
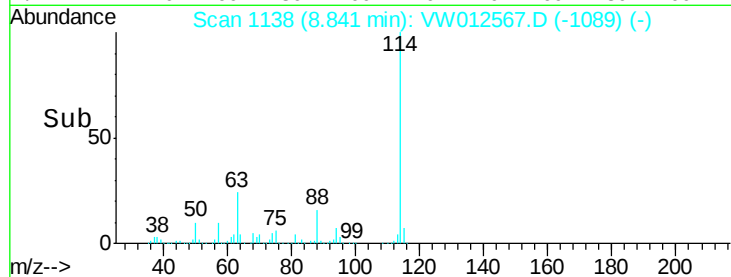
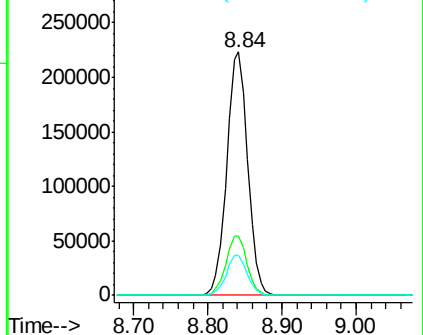
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012567.D
 Acq: 04 Sep 2019 01:23

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C2-(2.25)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	48.6
88	16.4	0.0	32.2

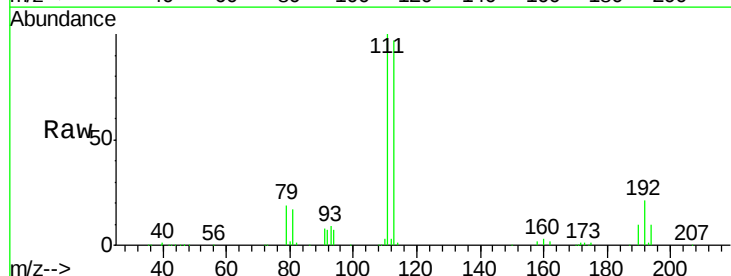


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

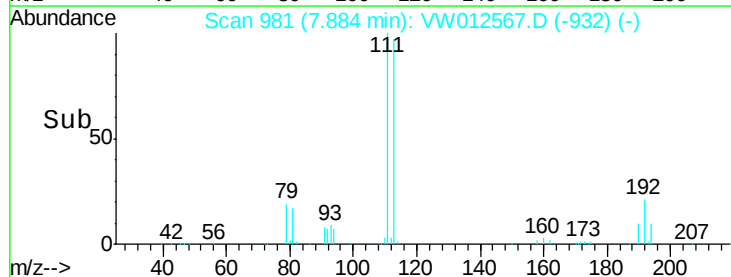
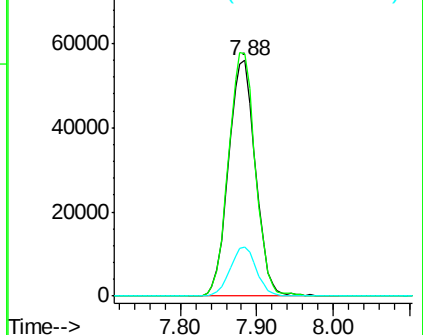


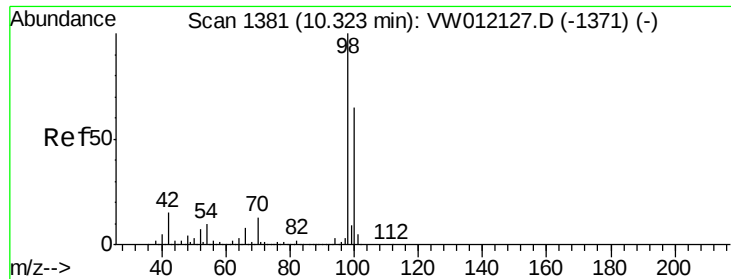
#35
 Dibromofluoromethane
 Concen: 52.026 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012567.D
 Acq: 04 Sep 2019 01:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	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: 50.428 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012567.D

Acq: 04 Sep 2019 01:23

Instrument :

MSVOA_W

ClientSampleId :

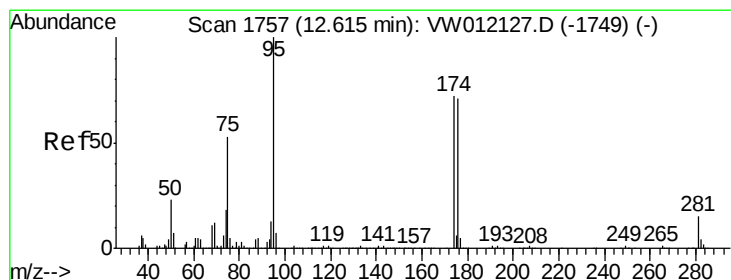
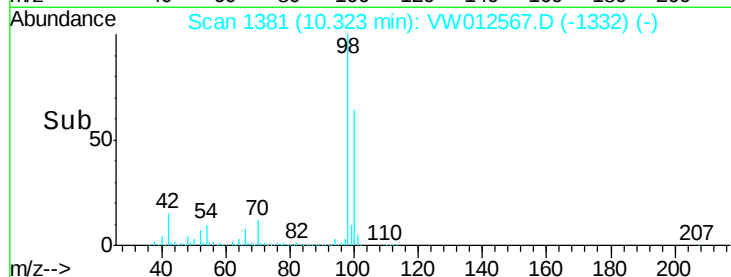
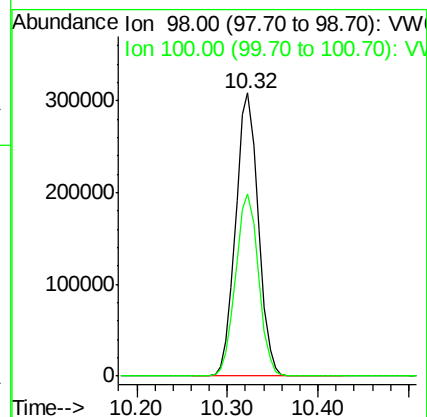
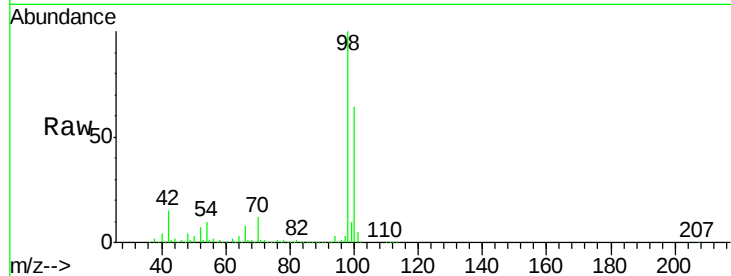
T16-17-C2-(2.25)

Tot Ion: 98 Resp: 535701

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 38.253 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012567.D

Acq: 04 Sep 2019 01:23

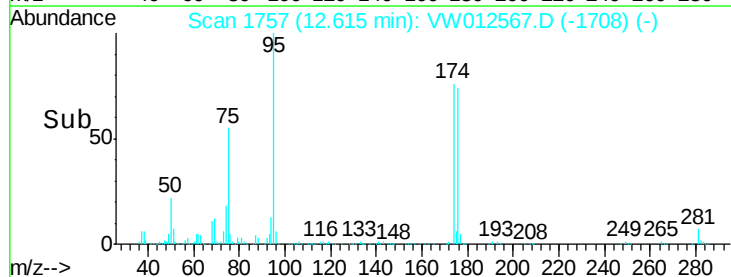
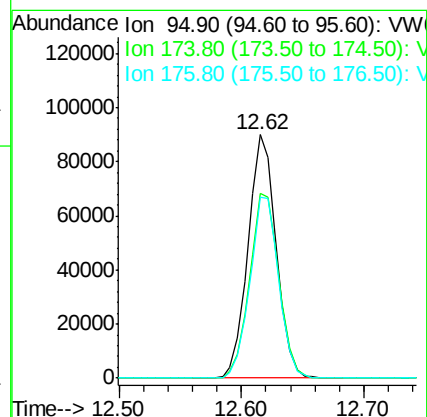
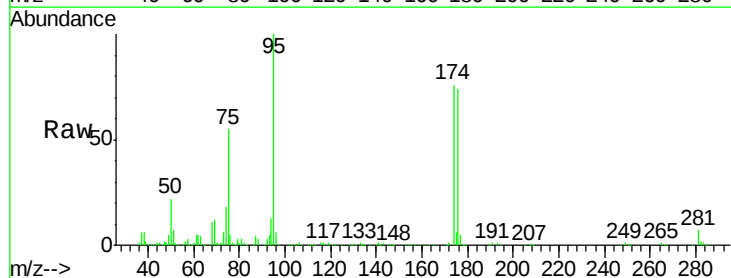
Tgt Ion: 95 Resp: 143244

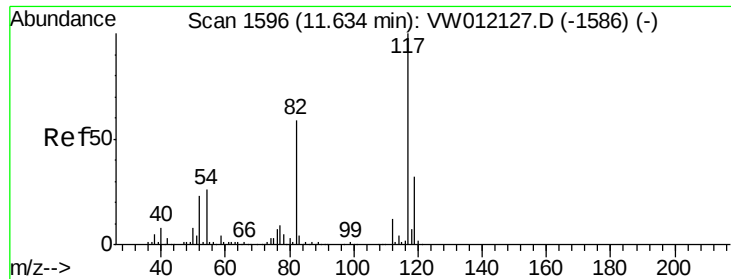
Ion Ratio Lower Upper

95 100

174 79.1 0.0 150.8

176 76.4 0.0 148.6

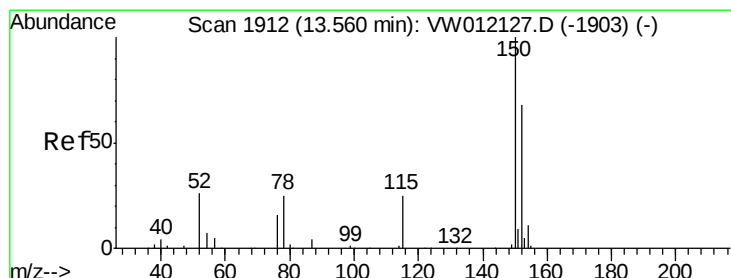
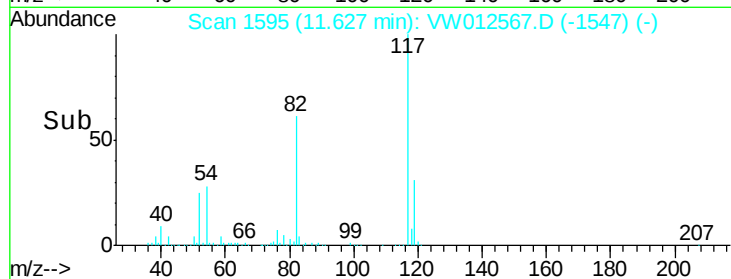
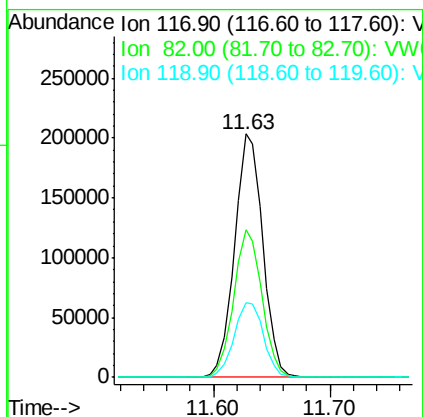
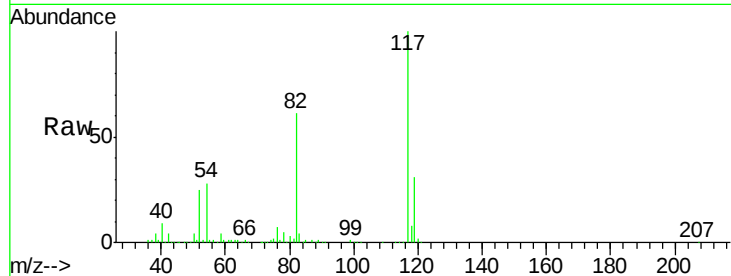




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012567.D
Acq: 04 Sep 2019 01:23

Instrument :
MSVOA_W
ClientSampleId :
T16-17-C2-(2.25)

Tot Ion:117 Resp: 343949
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 30.7 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: VW012567.D
Acq: 04 Sep 2019 01:23

Tgt Ion:152 Resp: 103303
Ion Ratio Lower Upper
152 100
115 60.6 30.1 90.3
150 157.3 0.0 345.8

