

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012568.D
 Acq On : 04 Sep 2019 01:49
 Operator : SY/VA
 Sample : K4544-17
 Misc : 4.41G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C3-(2.25)

Quant Time: Sep 04 08:00:41 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

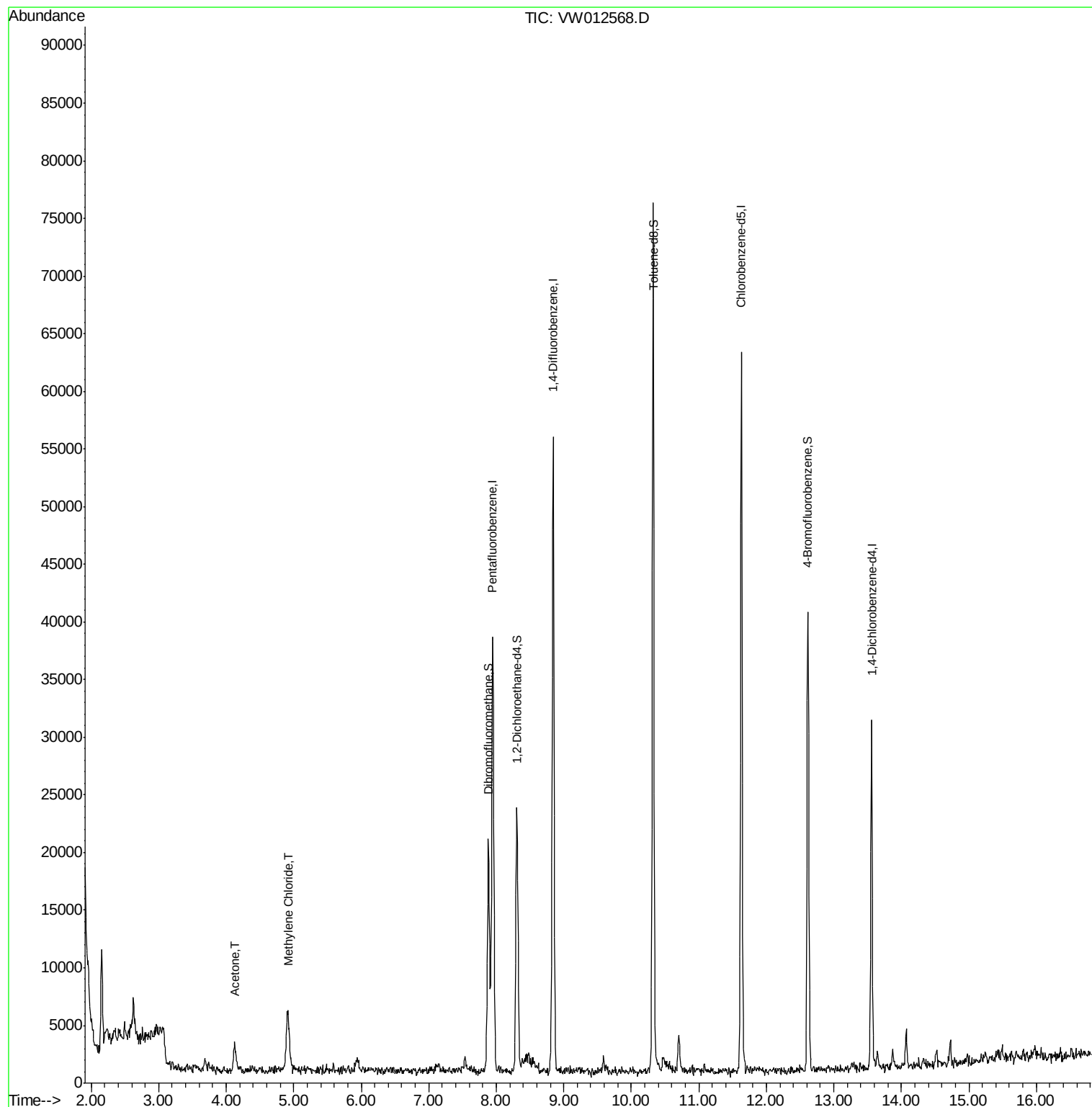
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	26347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	40457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	32775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	18101	57.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.58%	
35) Dibromofluoromethane	7.88	113	13863	57.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.82%	
50) Toluene-d8	10.32	98	47846	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	12.62	95	12193	35.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.66%	
Target Compounds						
16) Acetone	4.13	43	3911	48.850	ug/l	93
20) Methylene Chloride	4.92	84	3650	12.060	ug/l #	60

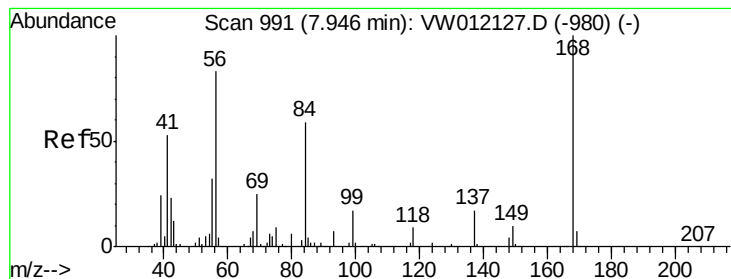
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW012568.D

Acq: 04 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

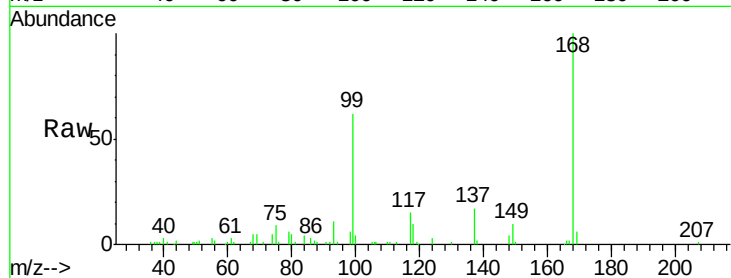
T16-17-C3-(2.25)

Tot Ion:168 Resp: 26347

Ion Ratio Lower Upper

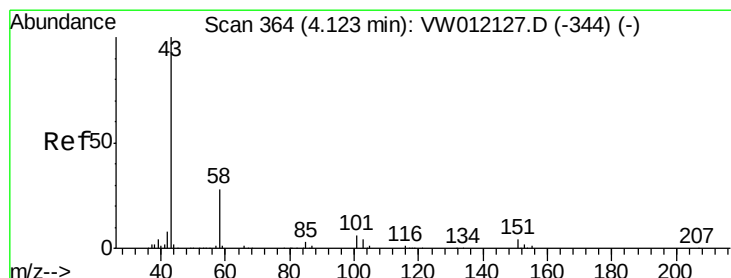
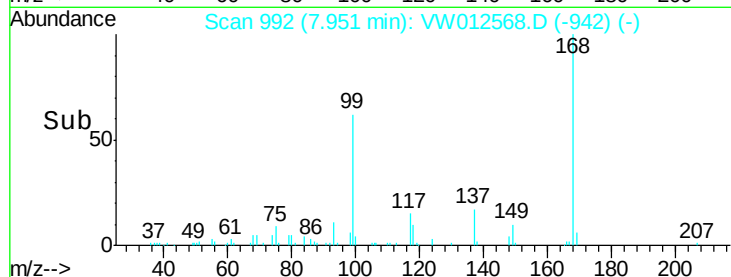
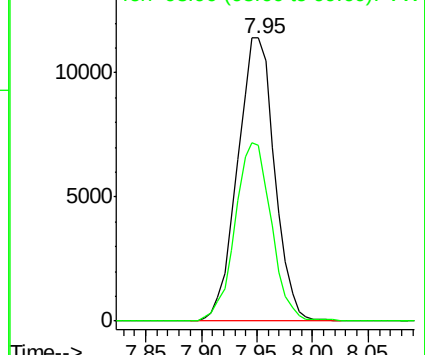
168 100

99 62.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 48.850 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012568.D

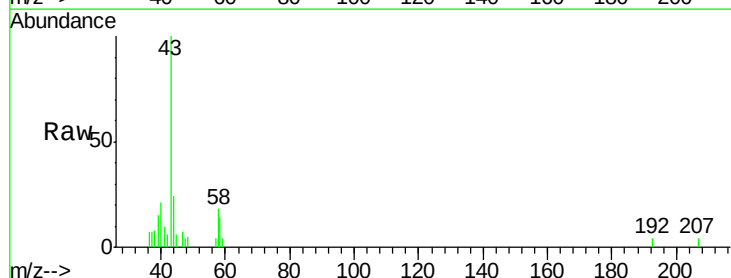
Acq: 04 Sep 2019 01:49

Tgt Ion: 43 Resp: 3911

Ion Ratio Lower Upper

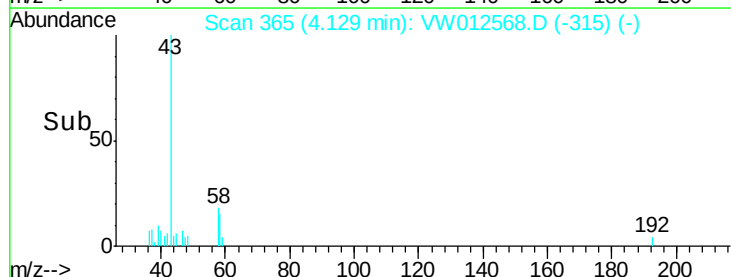
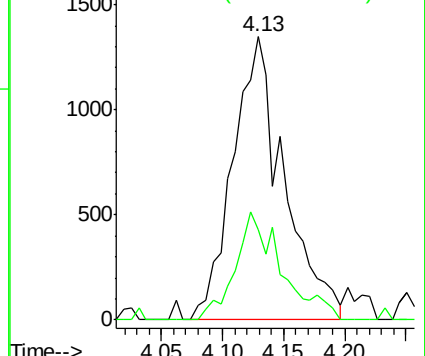
43 100

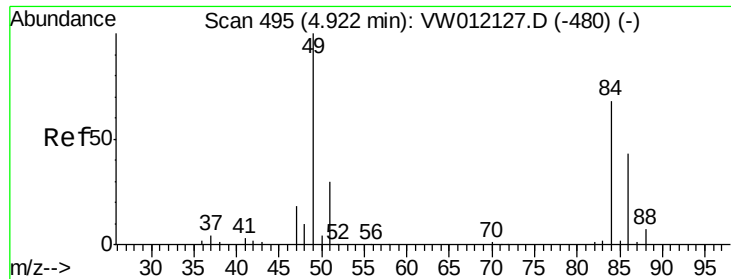
58 31.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

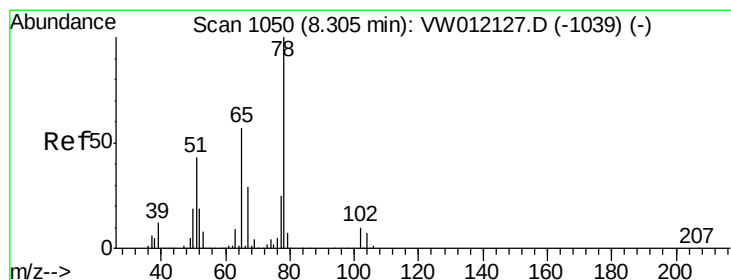
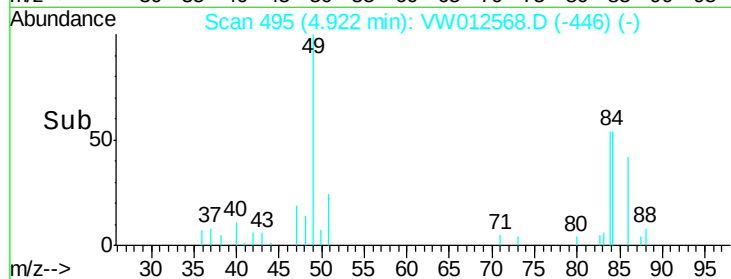
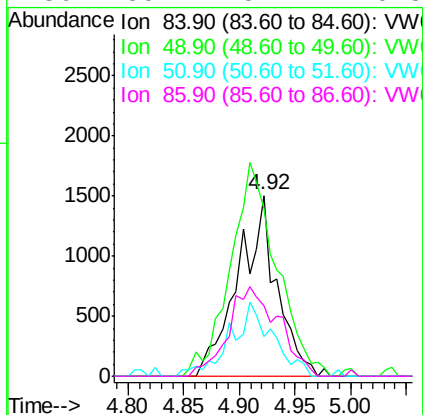
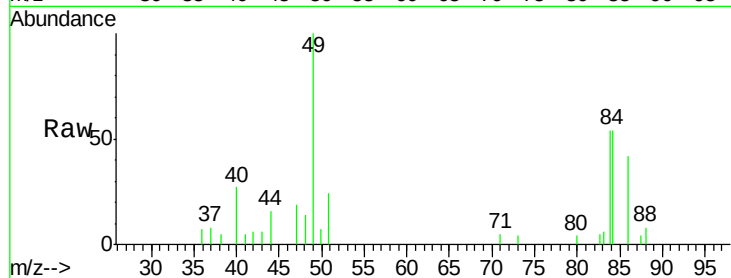




#20
Methvlene Chloride
Concen: 12.060 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW012568.D
Acq: 04 Sep 2019 01:49

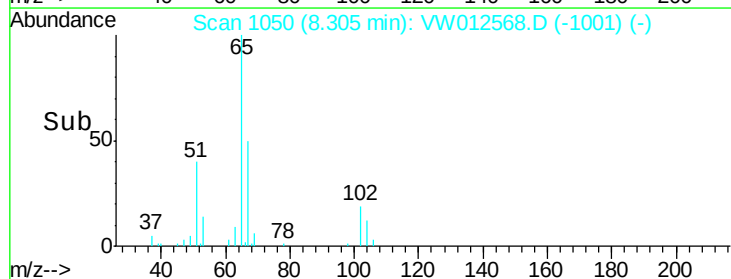
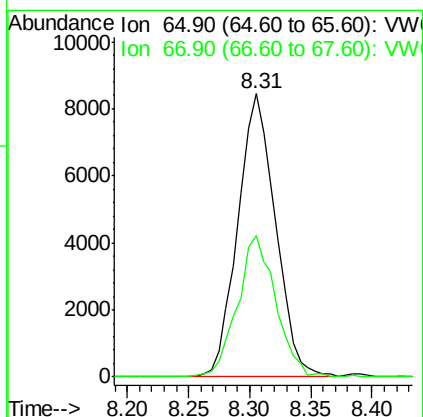
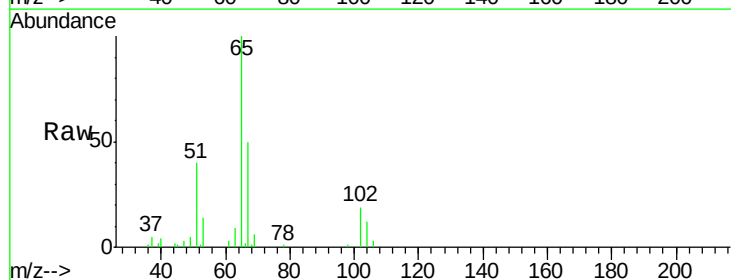
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C3-(2.25)

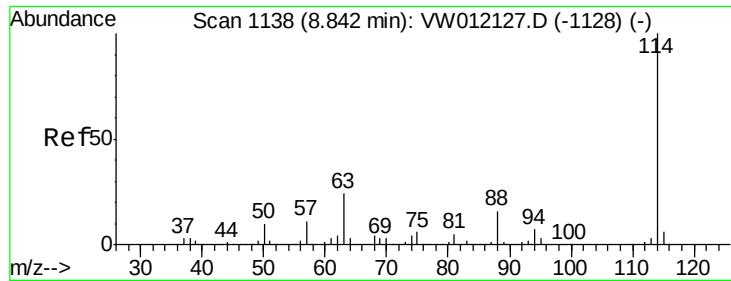
Tot Ion: 84 Resp: 3650
Ion Ratio Lower Upper
84 100
49 92.6 117.8 176.8#
51 18.6 35.6 53.4#
86 39.2 51.2 76.8#



#33
1,2-Dichloroethane-d4
Concen: 57.793 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012568.D
Acq: 04 Sep 2019 01:49

Tgt Ion: 65 Resp: 18101
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.6

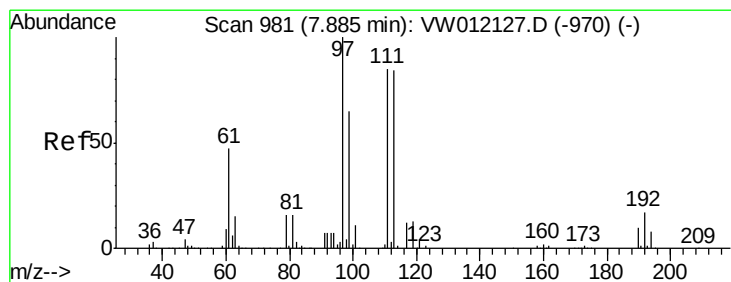
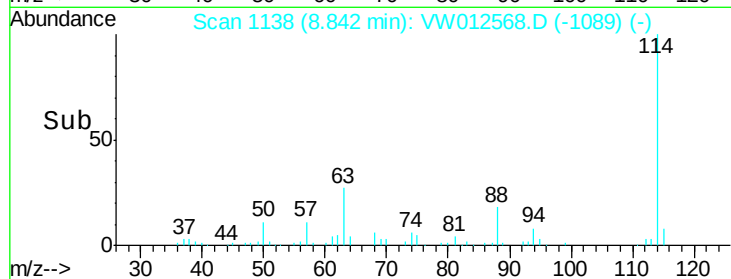
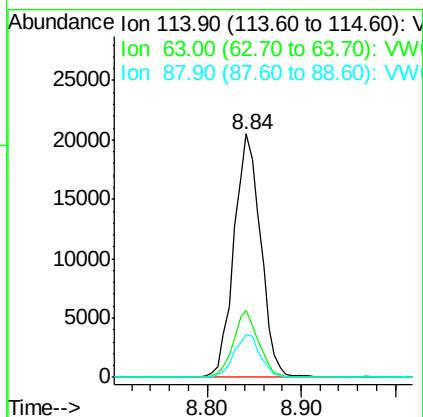
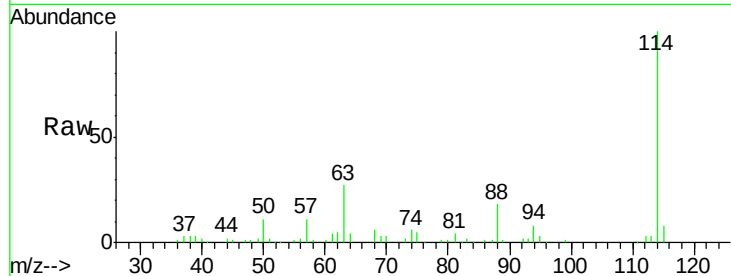




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012568.D
 Acq: 04 Sep 2019 01:49

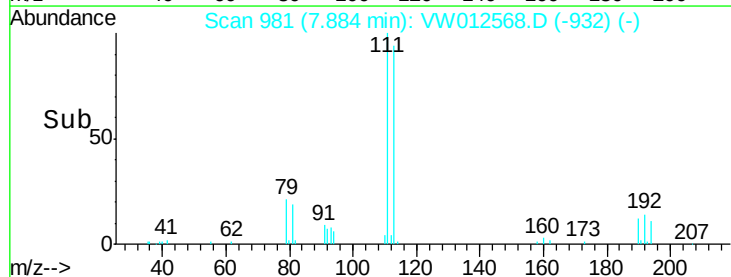
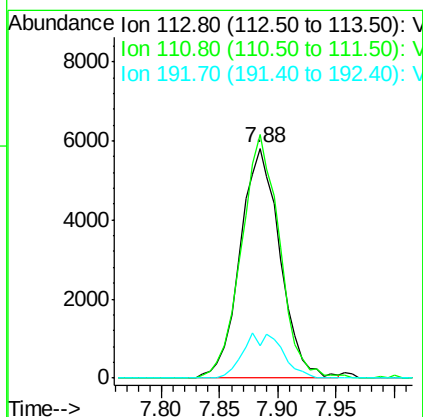
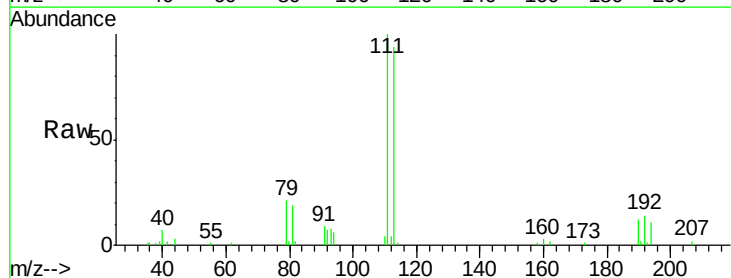
Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C3-(2.25)

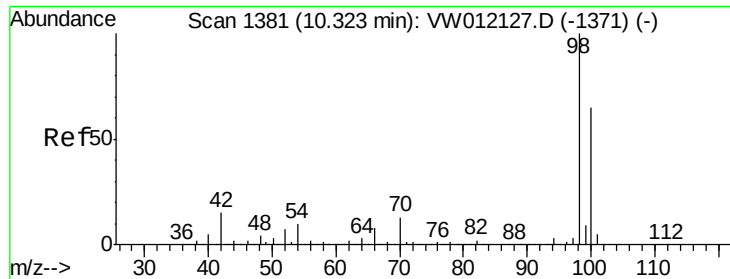
Tot Ion	Ratio	Lower	Upper
114	100		
63	27.3	0.0	48.6
88	17.6	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 57.406 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012568.D
 Acq: 04 Sep 2019 01:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.7	124.1
192	9.4	16.2	24.2#





#50

Toluene-d8

Concen: 48.864 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012568.D

Acq: 04 Sep 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

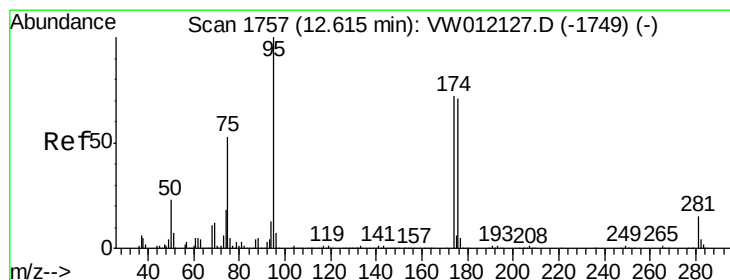
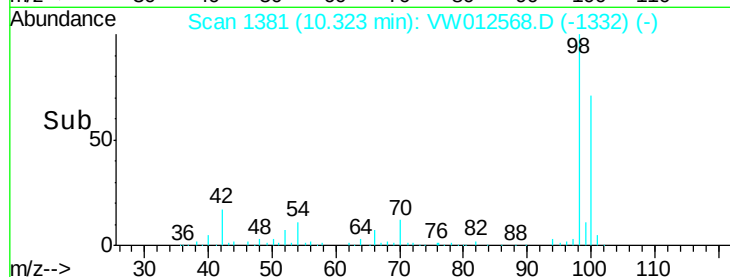
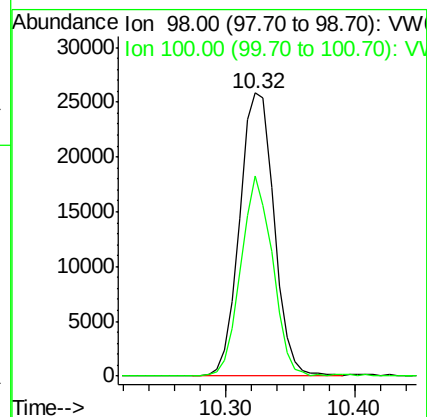
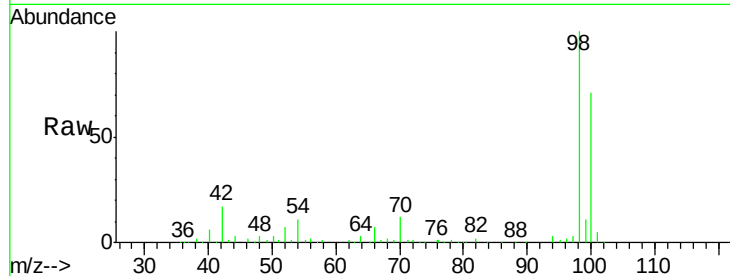
T16-17-C3-(2.25)

Tot Ion: 98 Resp: 47846

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 35.326 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012568.D

Acq: 04 Sep 2019 01:49

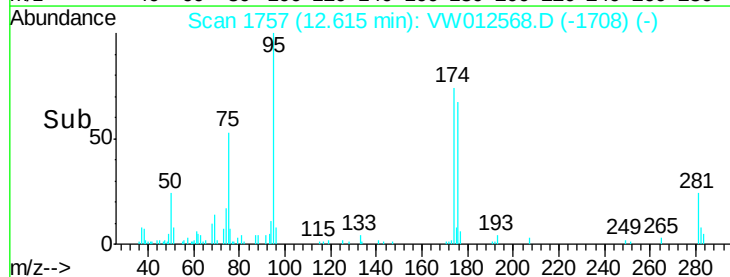
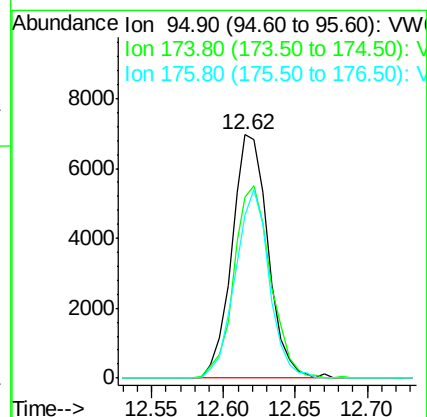
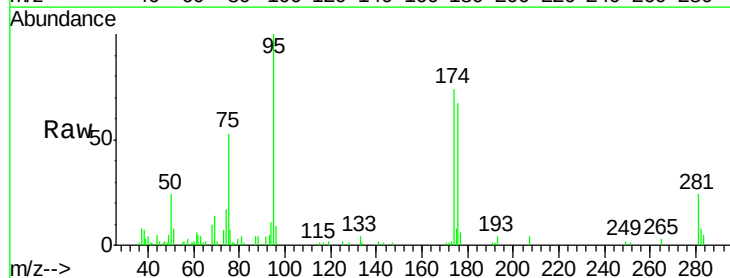
Tgt Ion: 95 Resp: 12193

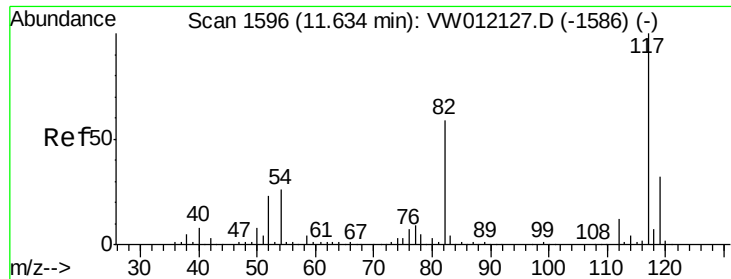
Ion Ratio Lower Upper

95 100

174 80.3 0.0 150.8

176 72.8 0.0 148.6

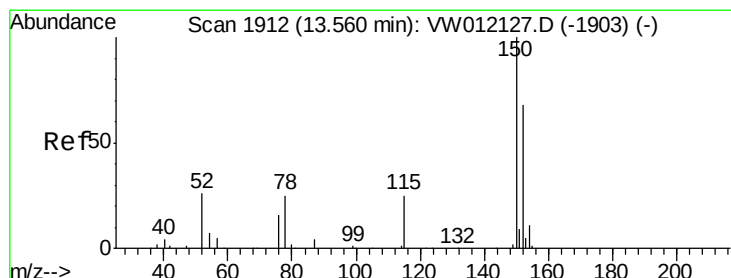
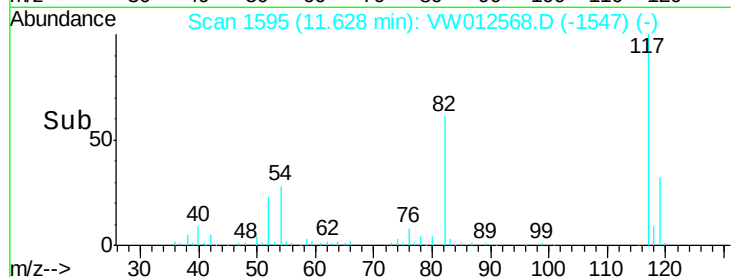
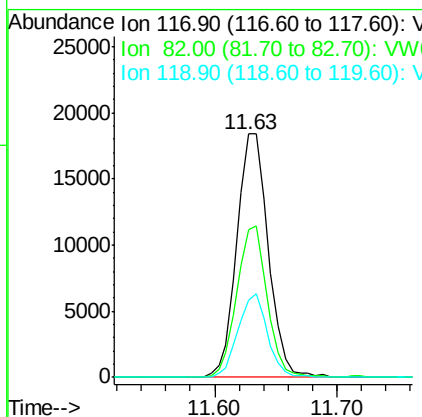
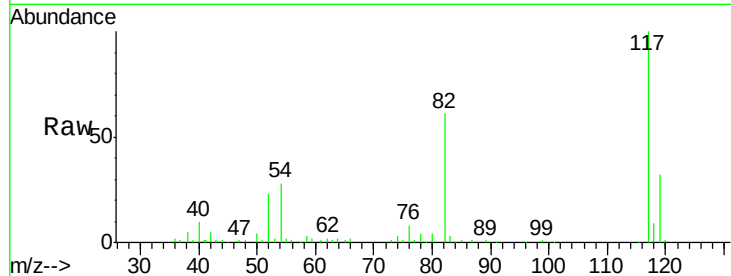




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012568.D
Acq: 04 Sep 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
T16-17-C3-(2.25)

Tot Ion:117 Resp: 32775
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 31.6 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: VW012568.D
Acq: 04 Sep 2019 01:49

Tgt Ion:152 Resp: 7532
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.3
150 158.7 0.0 345.8

