

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005471.D
 Acq On : 18 Sep 2018 09:40
 Operator : SY/AP
 Sample : J4936-35
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 132-1-VOLT

Quant Time: Sep 18 14:06:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

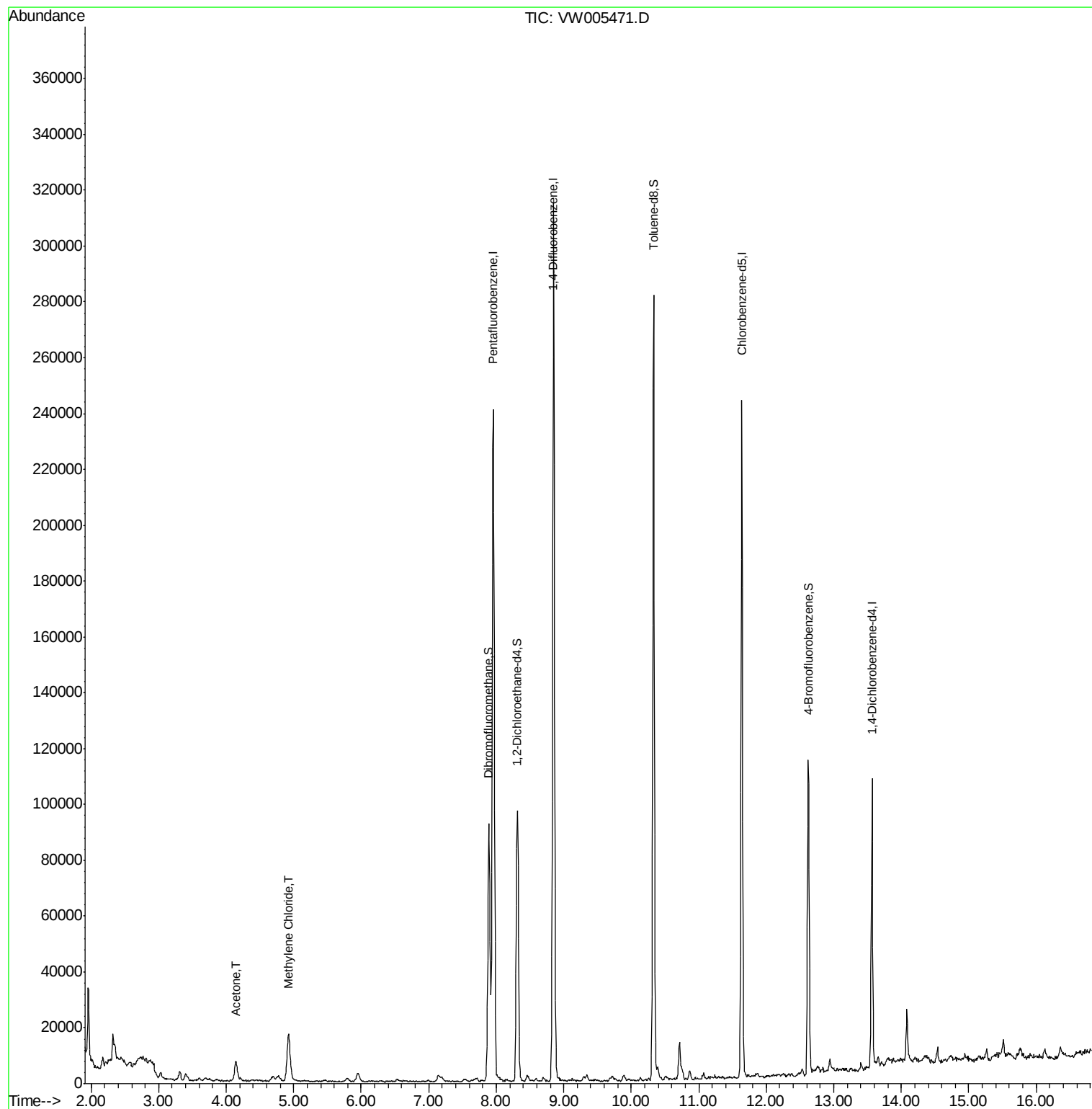
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	176034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	249553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	133426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	26597	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	80220	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
35) Dibromofluoromethane	7.89	113	66200	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
50) Toluene-d8	10.33	98	186479	29.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.20%	
62) 4-Bromofluorobenzene	12.63	95	31506	13.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	26.82%	
Target Compounds						
16) Acetone	4.14	43	14431	39.77	ug/l	Qvalue 100
20) Methylene Chloride	4.92	84	12772	1.47	ug/l	97

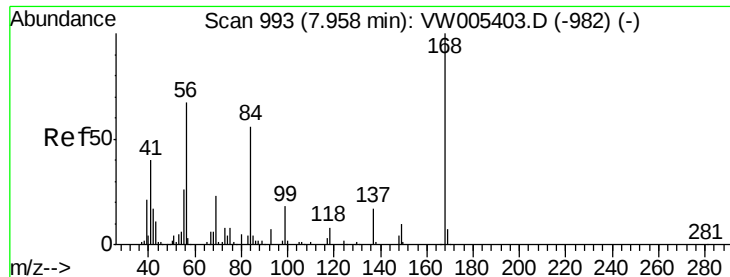
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005471.D

Acq: 18 Sep 2018 09:40

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MSVOA_W

ClientSampleId :

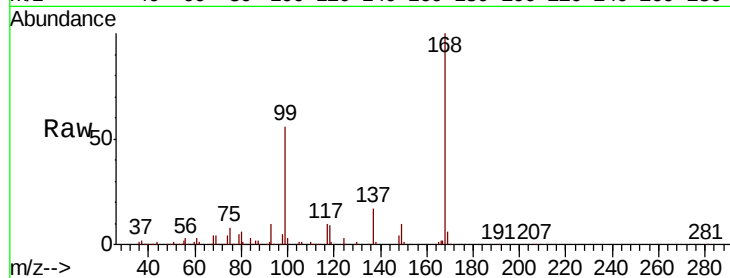
132-1-VOLT

Tot Ion:168 Resp: 176034

Ion Ratio Lower Upper

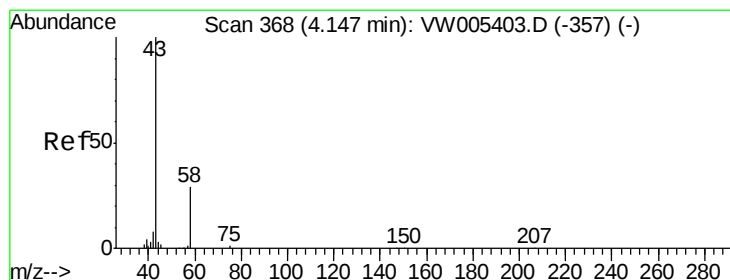
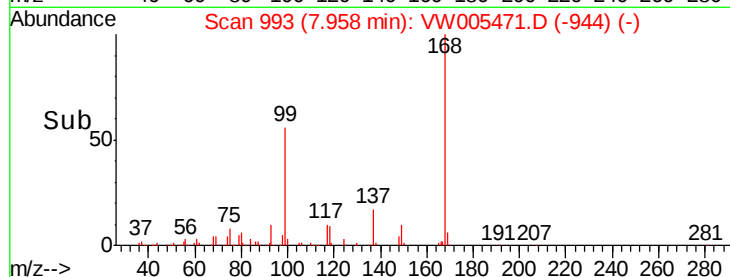
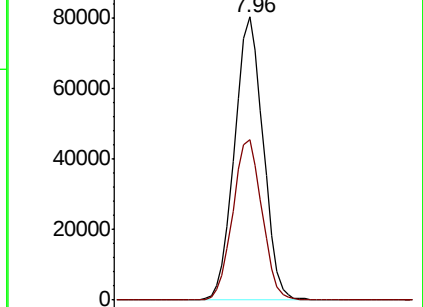
168 100

99 56.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 39.77 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW005471.D

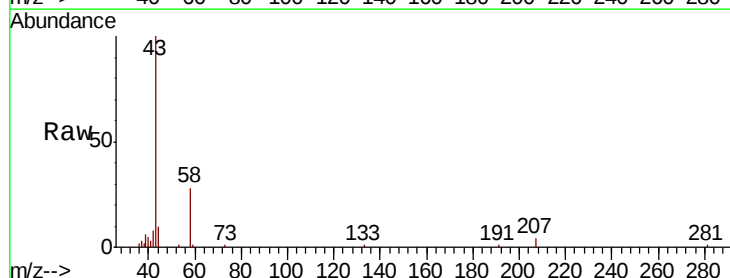
Acq: 18 Sep 2018 09:40

Tgt Ion: 43 Resp: 14431

Ion Ratio Lower Upper

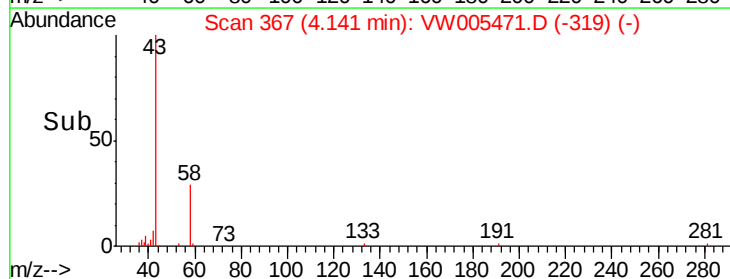
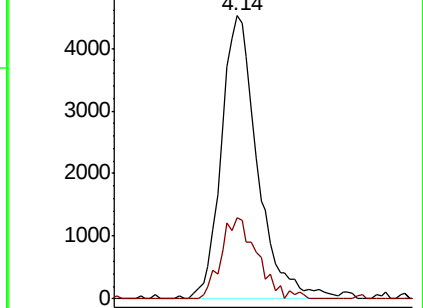
43 100

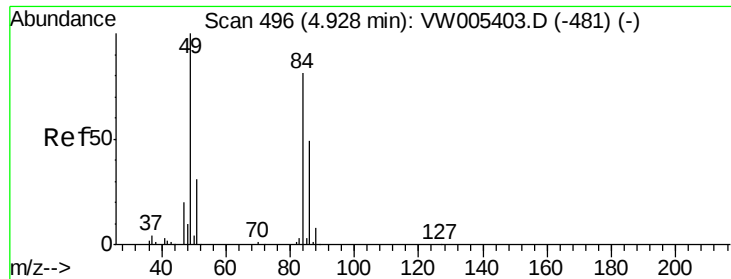
58 28.5 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

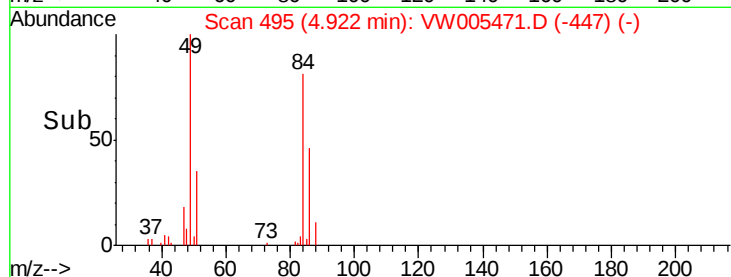
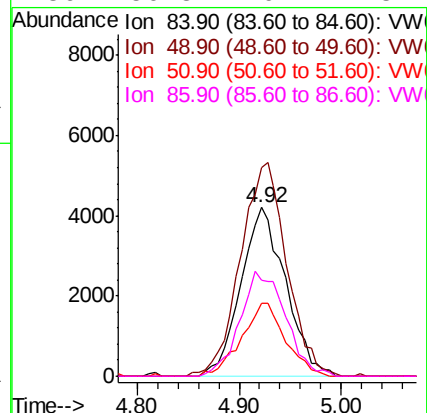
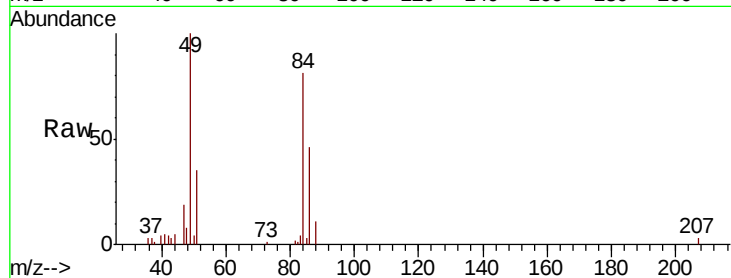




#20
Methylene Chloride
Concen: 1.47 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.01 min
Lab File: VW005471.D
Acq: 18 Sep 2018 09:40

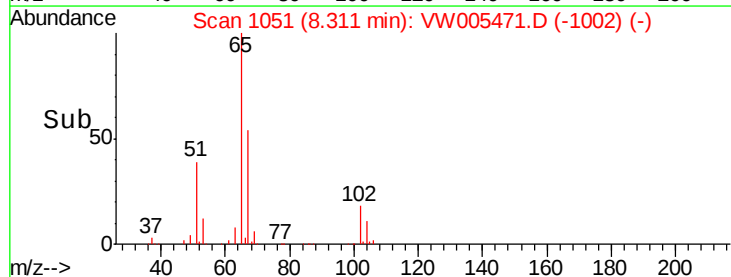
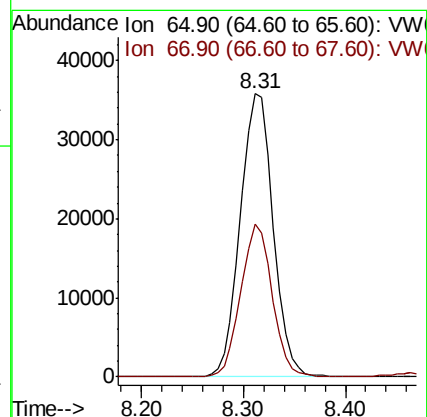
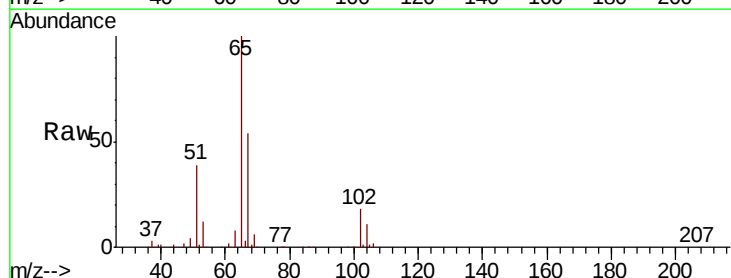
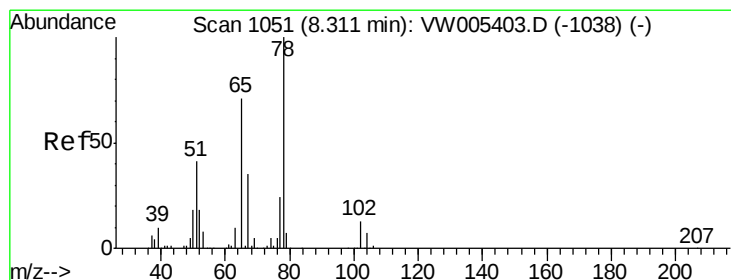
Instrument :
MSVOA_W
ClientSampleId :
132-1-VOLT

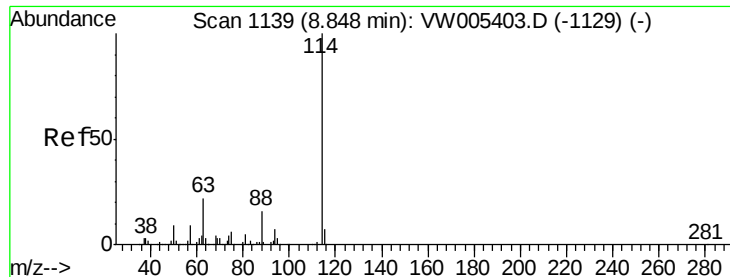
Tot Ion:	84	Resp:	12772
Ion	Ratio	Lower	Upper
84	100		
49	124.0	99.3	148.9
51	43.3	31.1	46.7
86	56.8	49.1	73.7



#33
1,2-Dichloroethane-d4
Concen: 43.90 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005471.D
Acq: 18 Sep 2018 09:40

Tgt Ion:	65	Resp:	80220
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	100.6

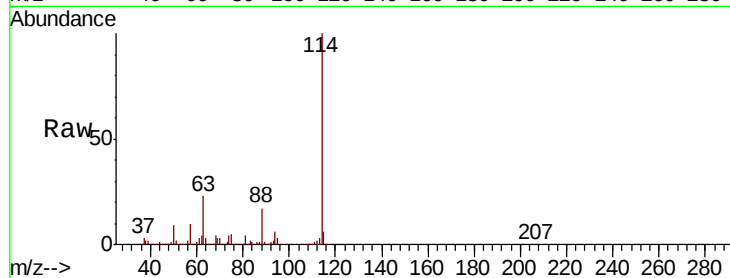




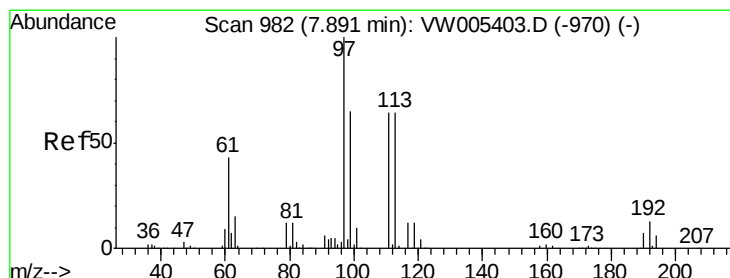
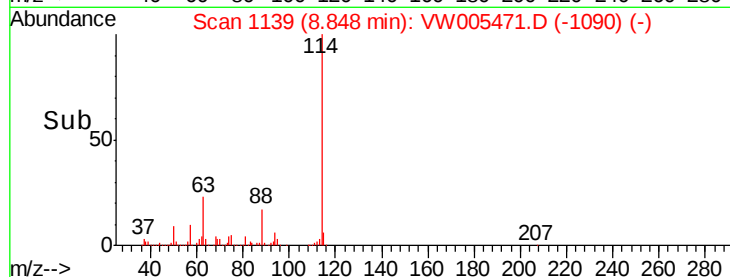
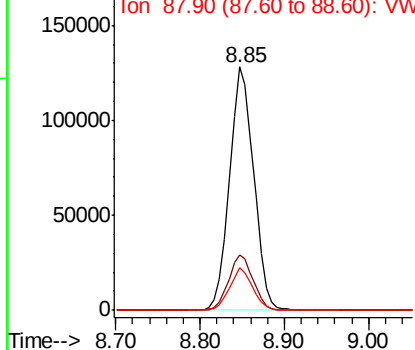
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW005471.D
Acq: 18 Sep 2018 09:40

Instrument :
MSVOA_W
ClientSampleId :
132-1-VOLT

Tot Ion:114 Resp: 249553
Ion Ratio Lower Upper
114 100
63 23.0 0.0 43.4
88 17.4 0.0 31.8

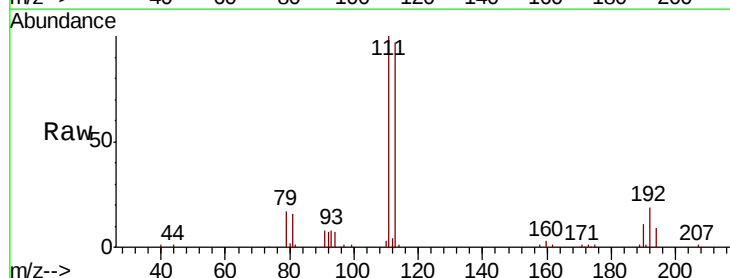


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

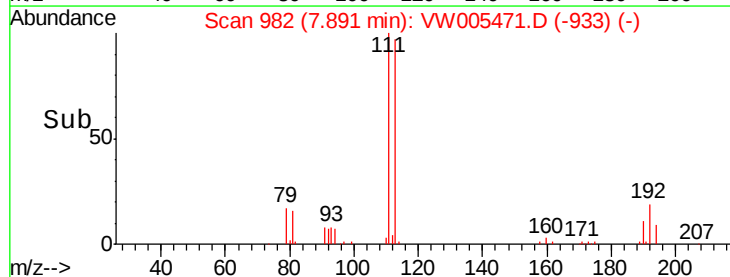
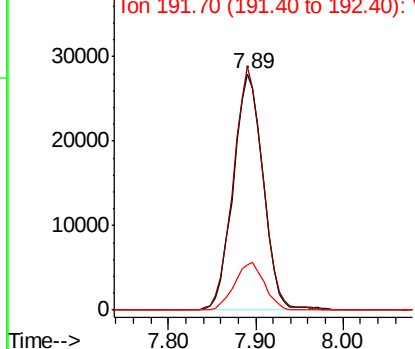


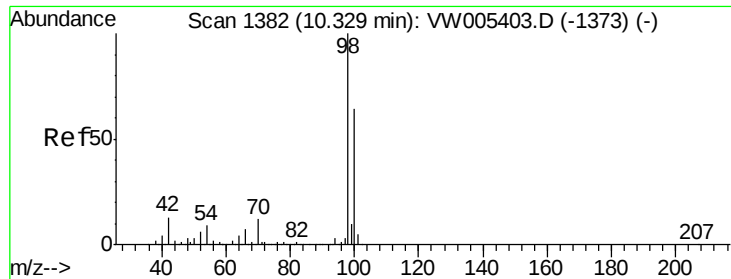
#35
Dibromofluoromethane
Concen: 47.31 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005471.D
Acq: 18 Sep 2018 09:40

Tgt Ion:113 Resp: 66200
Ion Ratio Lower Upper
113 100
111 102.0 82.3 123.5
192 20.2 16.5 24.7



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: 29.10 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005471.D

Acq: 18 Sep 2018 09:40

Instrument :

MSVOA_W

ClientSampleId :

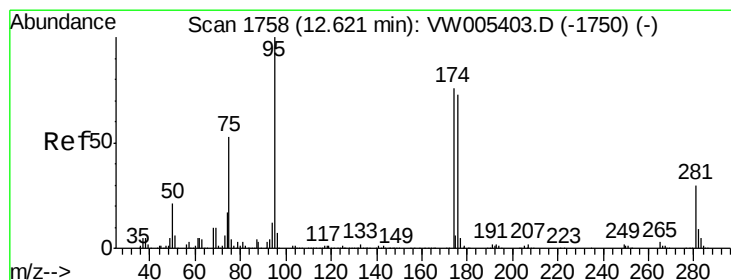
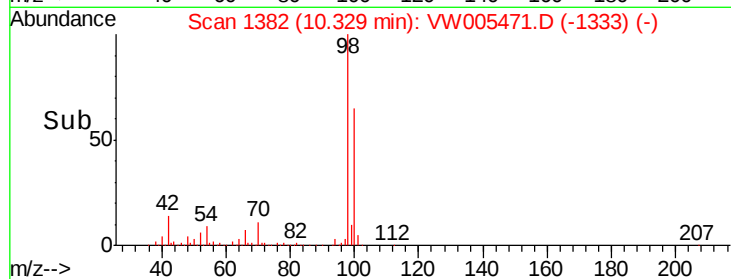
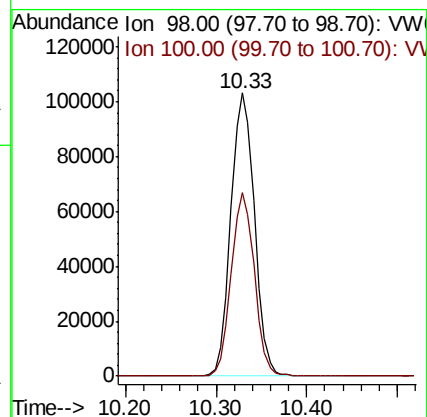
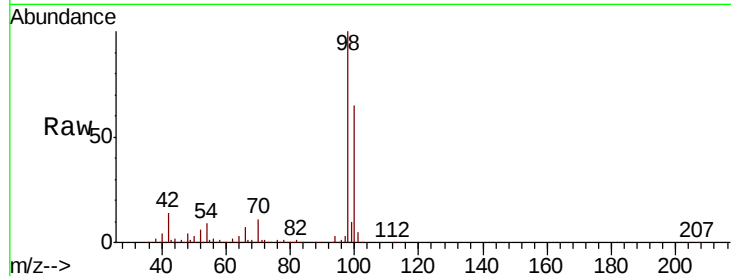
132-1-VOLT

Tot Ion: 98 Resp: 186479

Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 13.41 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005471.D

Acq: 18 Sep 2018 09:40

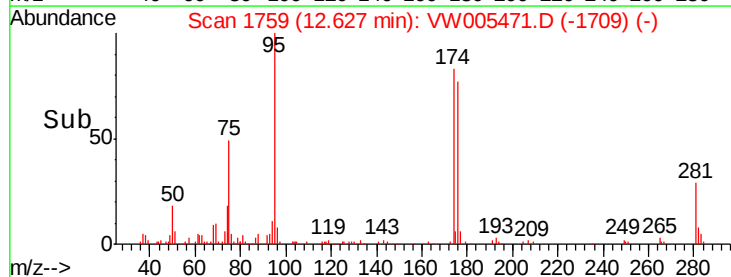
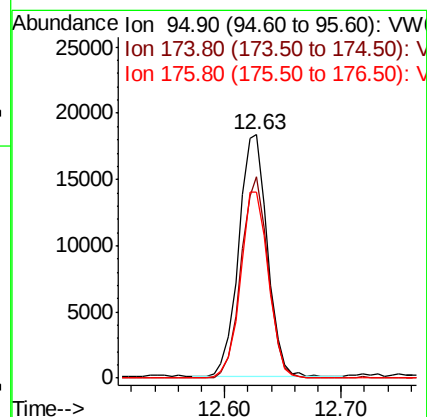
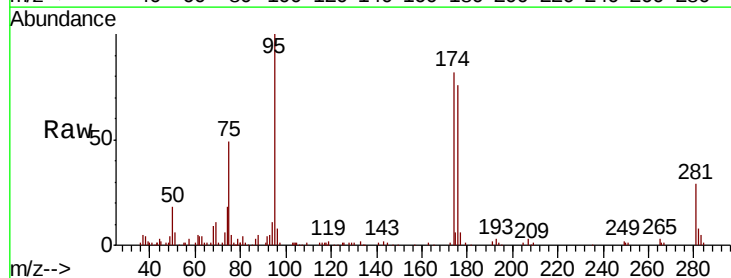
Tgt Ion: 95 Resp: 31506

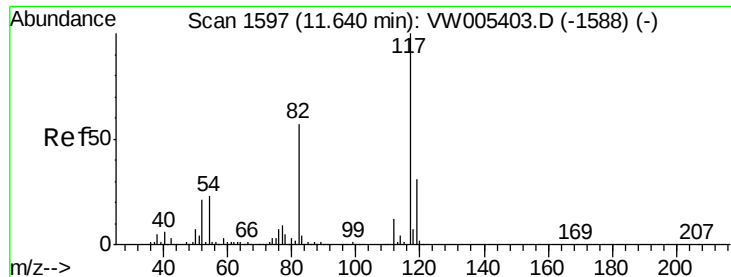
Ion Ratio Lower Upper

95 100

174 78.0 0.0 161.2

176 74.6 0.0 156.6

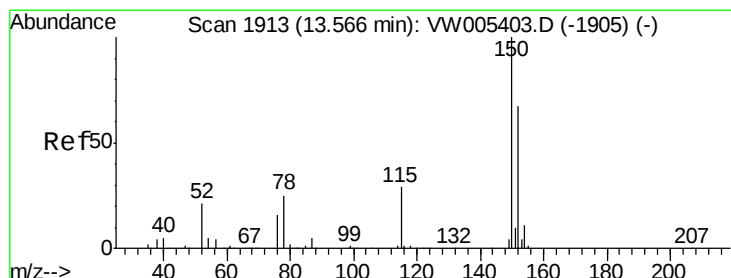
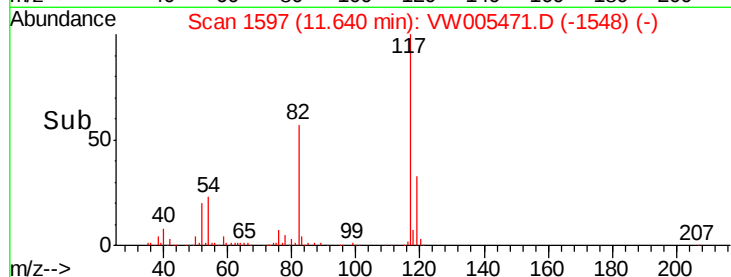
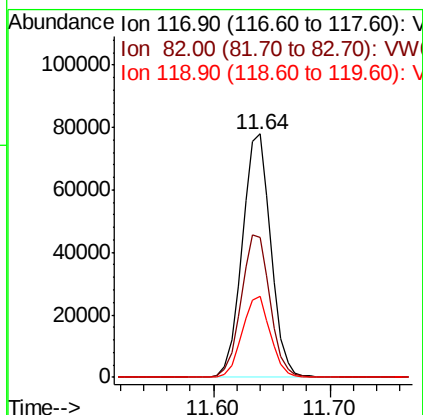
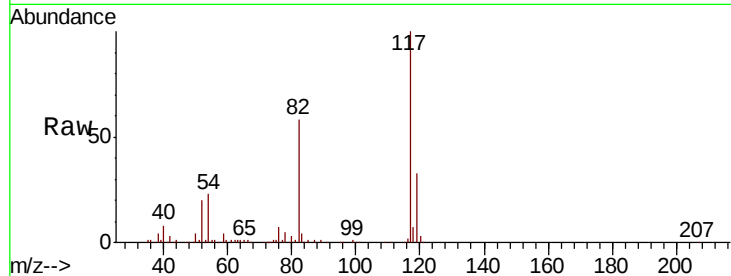




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005471.D
Acq: 18 Sep 2018 09:40

Instrument :
MSVOA_W
ClientSampleId :
132-1-VOLT

Tot Ion:117 Resp: 133426
Ion Ratio Lower Upper
117 100
82 57.5 45.9 68.9
119 33.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005471.D
Acq: 18 Sep 2018 09:40

Tgt Ion:152 Resp: 26597
Ion Ratio Lower Upper
152 100
115 59.0 29.5 88.5
150 158.6 0.0 345.6

