

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004775.D
 Acq On : 18 Aug 2018 11:39
 Operator : SY/AP
 Sample : J4521-19
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11967

Quant Time: Aug 20 02:13:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

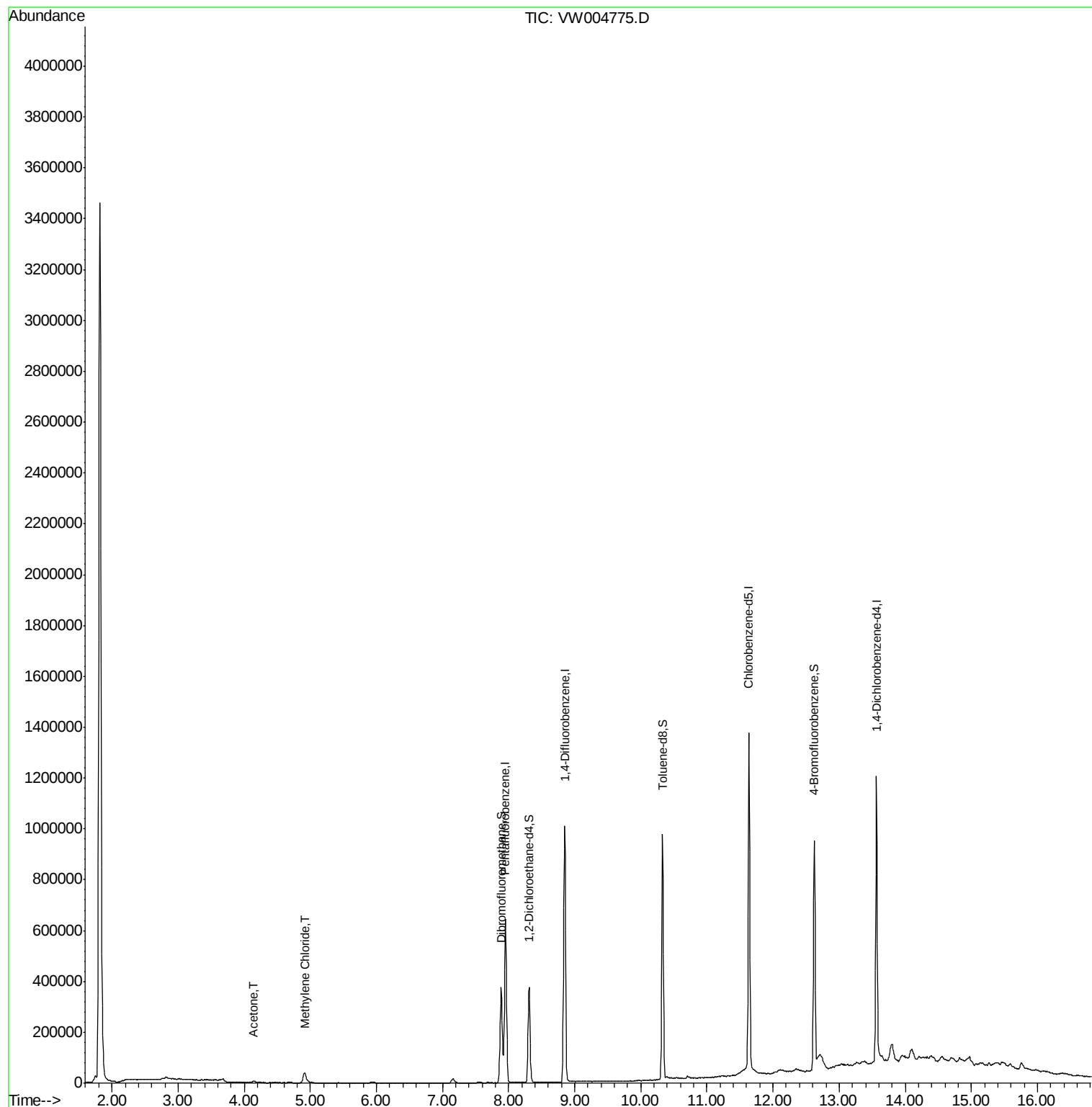
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	495056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	860107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	754334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	312180	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	290294	60.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.30%	
35) Dibromofluoromethane	7.88	113	271883	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	10.33	98	644677	30.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.08%	
62) 4-Bromofluorobenzene	12.62	95	311848	40.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.78%	
Target Compounds						
16) Acetone	4.14	43	10463	8.56	ug/l	94
20) Methylene Chloride	4.92	84	34239	1.99	ug/l	95

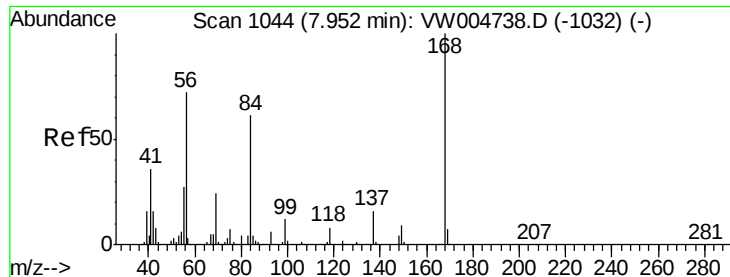
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004775.D

Acq: 18 Aug 2018 11:39

Instrument :

MSVOA_W

ClientSampled :

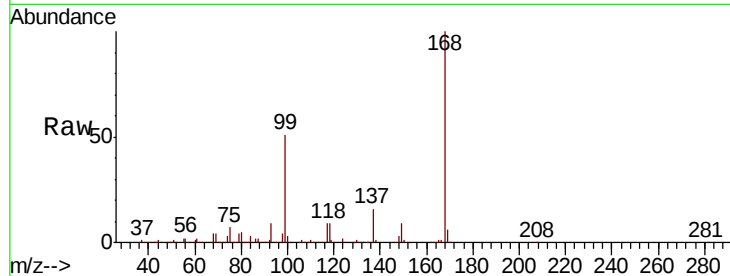
72-11967

Tot Ion:168 Resp: 495056

Ion Ratio Lower Upper

168 100

99 50.8 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

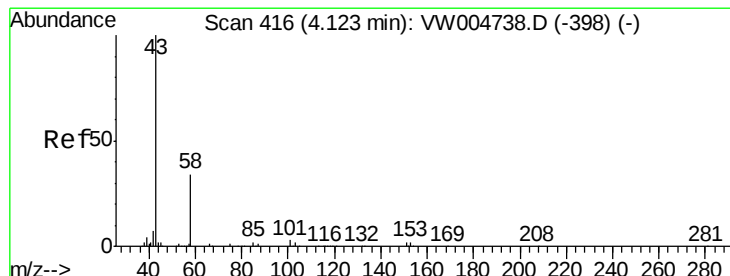
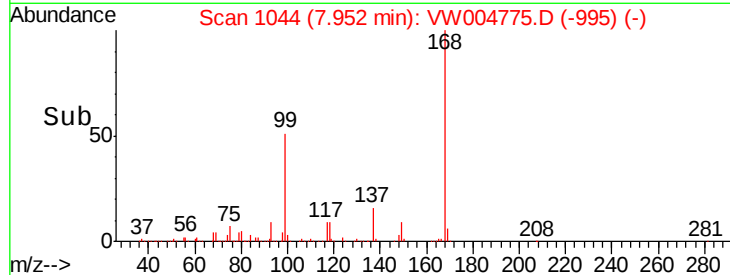
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 8.56 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004775.D

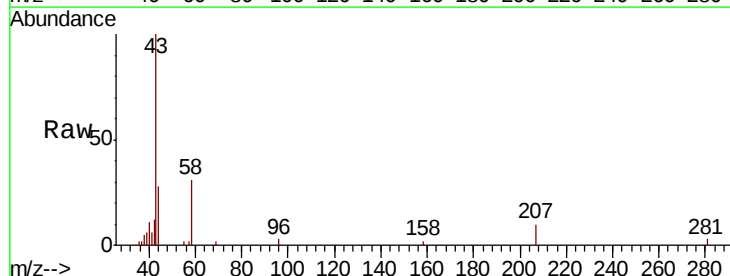
Acq: 18 Aug 2018 11:39

Tgt Ion: 43 Resp: 10463

Ion Ratio Lower Upper

43 100

58 30.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

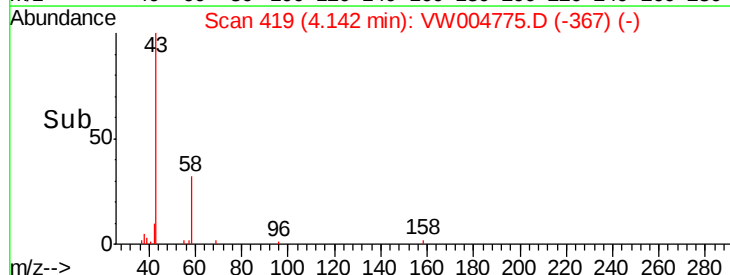
3000

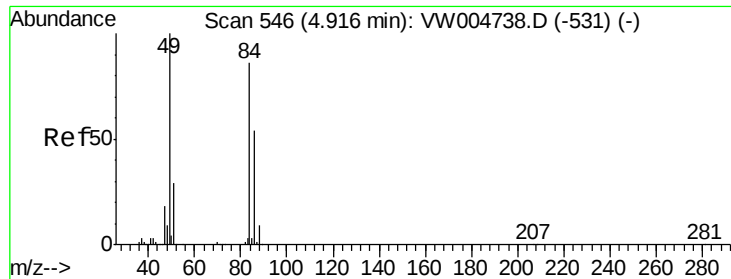
2000

1000

0

Time--> 4.00 4.10 4.20

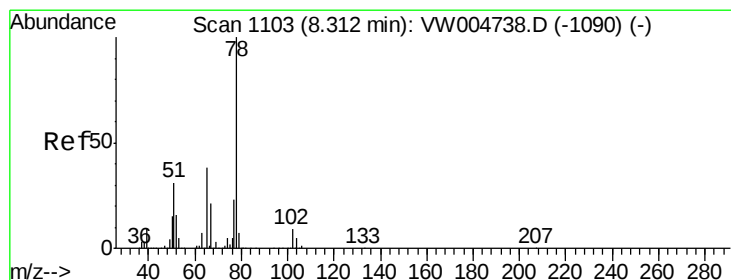
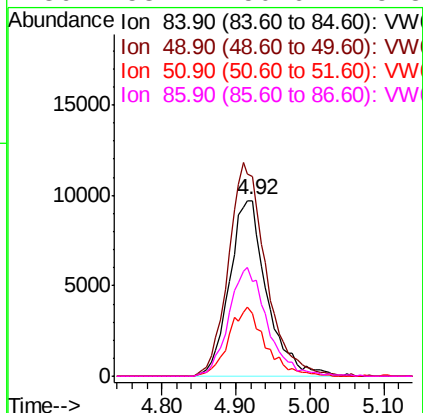
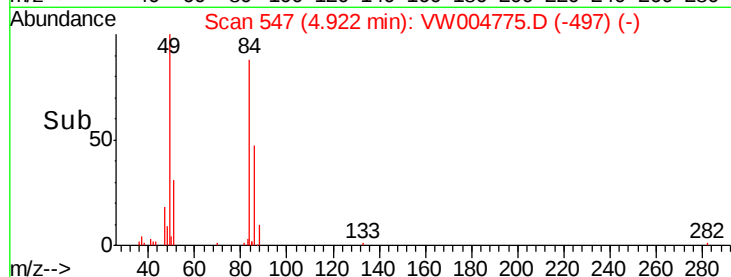
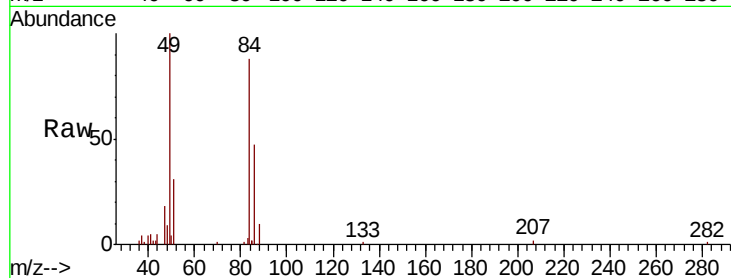




#20
Methylene Chloride
Concen: 1.99 ug/l
RT: 4.92 min Scan# 547
Delta R.T. 0.01 min
Lab File: VW004775.D
Acq: 18 Aug 2018 11:39

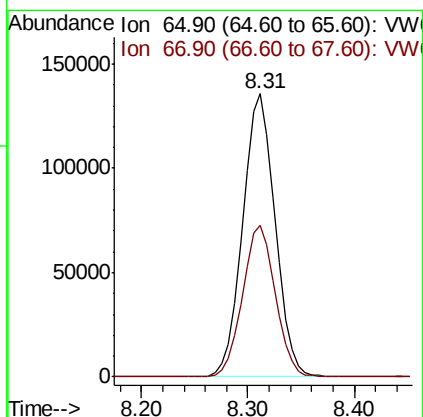
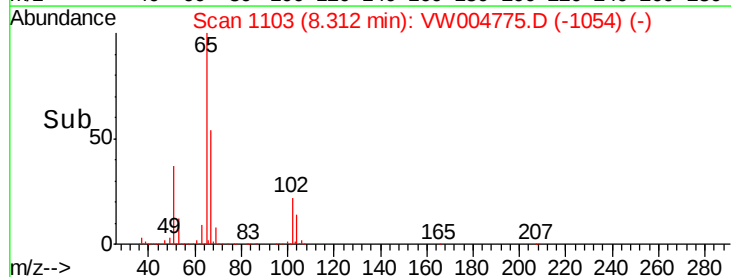
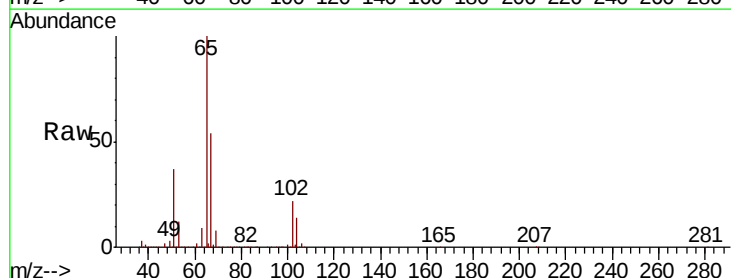
Instrument :
MSVOA_W
ClientSampled :
72-11967

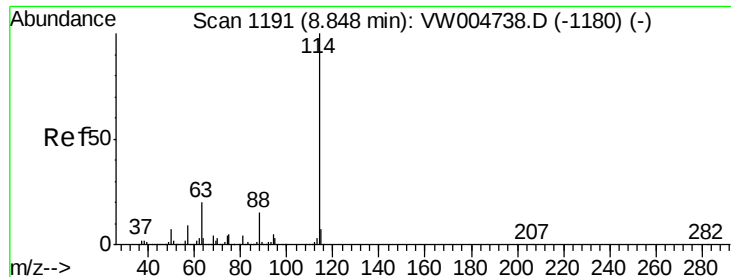
Tot Ion: 84 Resp: 34239
Ion Ratio Lower Upper
84 100
49 113.7 93.2 139.8
51 35.4 27.4 41.0
86 53.7 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 60.65 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004775.D
Acq: 18 Aug 2018 11:39

Tgt Ion: 65 Resp: 290294
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.4

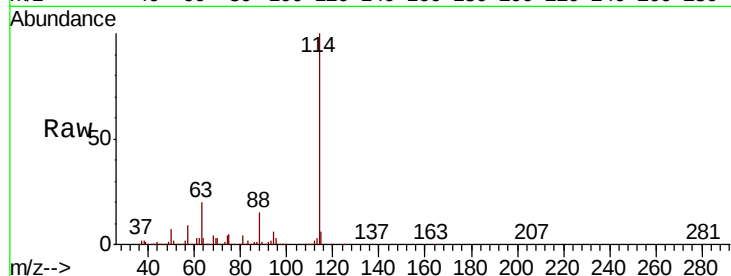




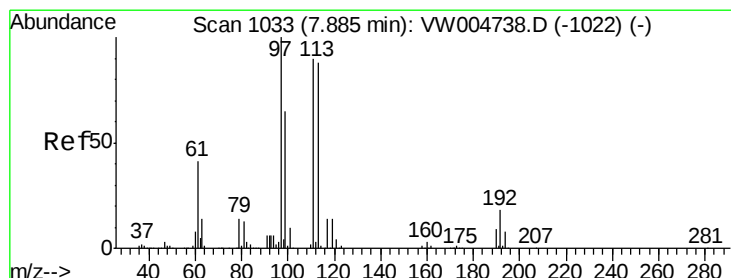
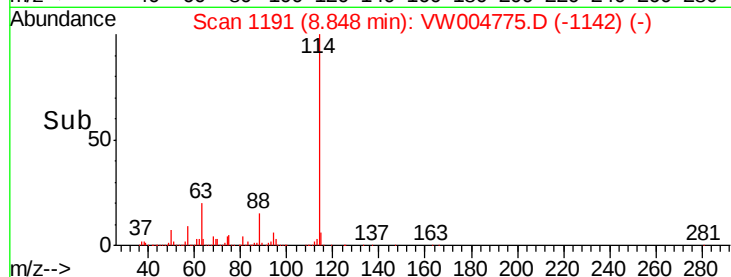
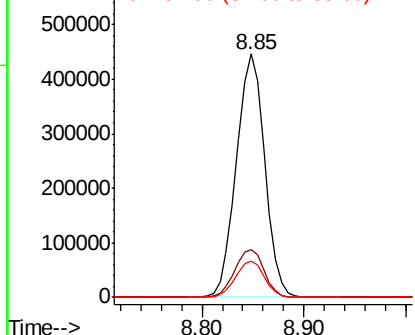
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004775.D
 Acq: 18 Aug 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11967

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.1	0.0	30.0

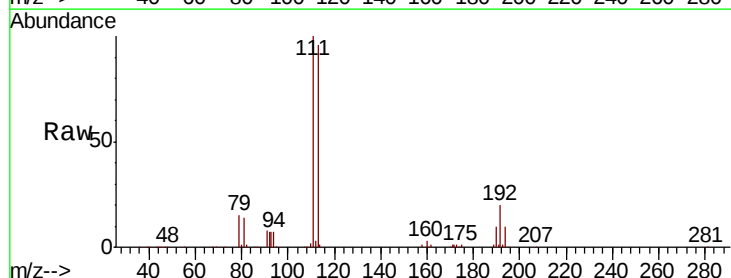


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

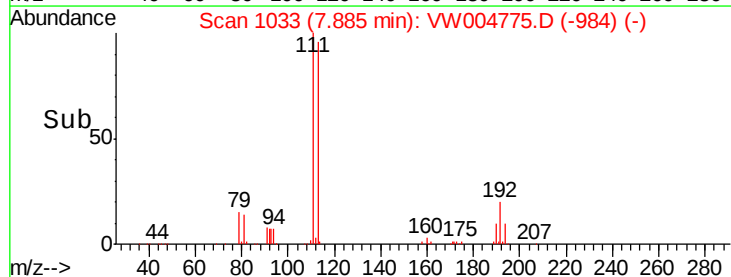
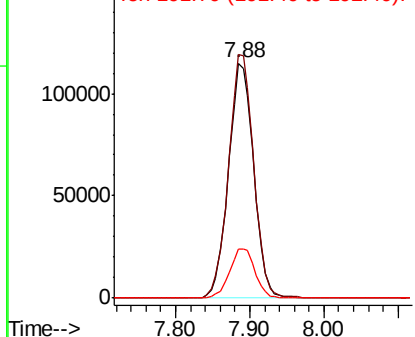


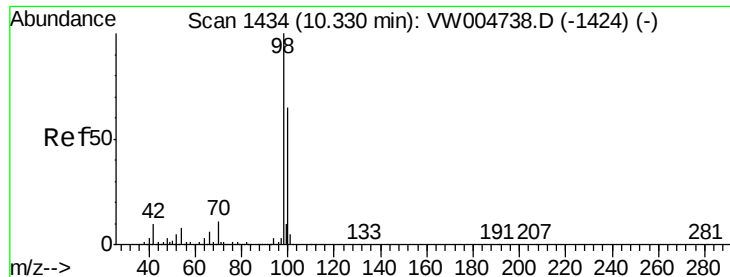
#35
 Dibromofluoromethane
 Concen: 49.46 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004775.D
 Acq: 18 Aug 2018 11:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	21.1	16.7	25.1



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: 30.04 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004775.D

Acq: 18 Aug 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

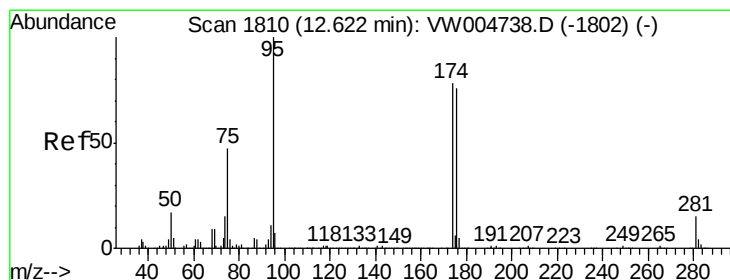
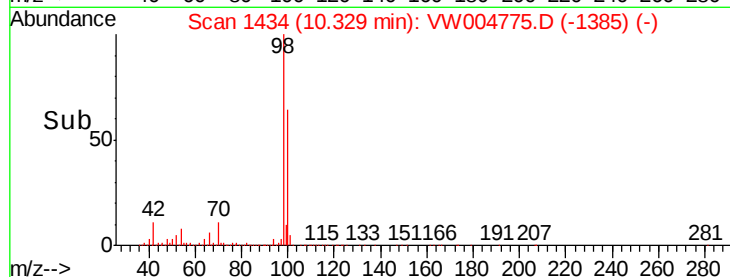
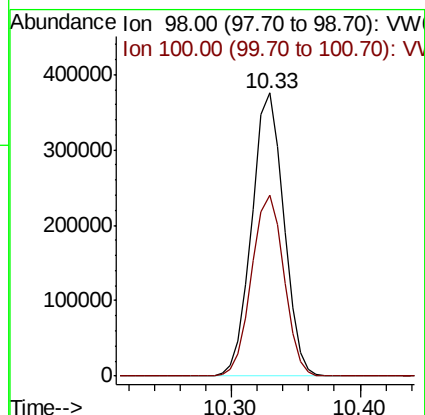
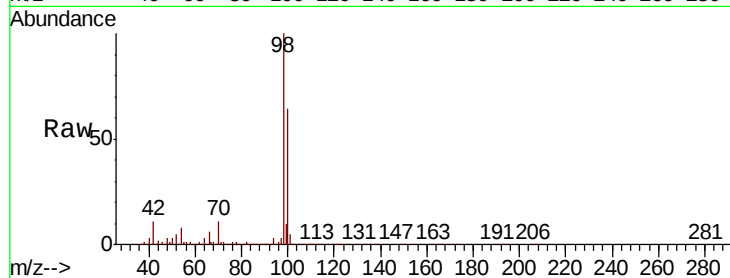
72-11967

Tot Ion: 98 Resp: 644677

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 40.39 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004775.D

Acq: 18 Aug 2018 11:39

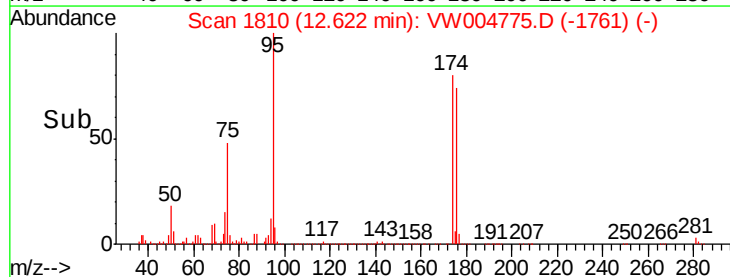
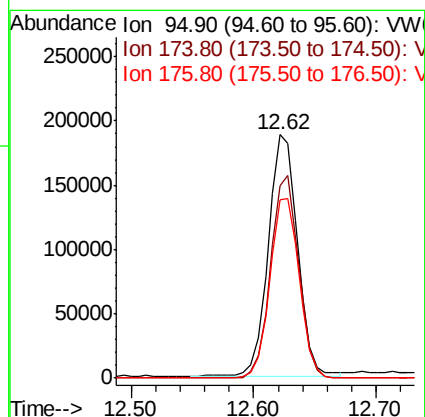
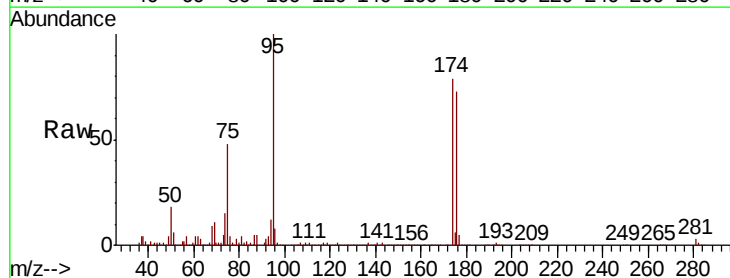
Tgt Ion: 95 Resp: 311848

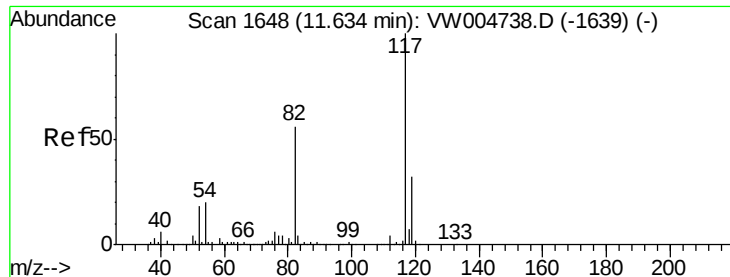
Ion Ratio Lower Upper

95 100

174 80.5 0.0 165.8

176 74.8 0.0 159.8

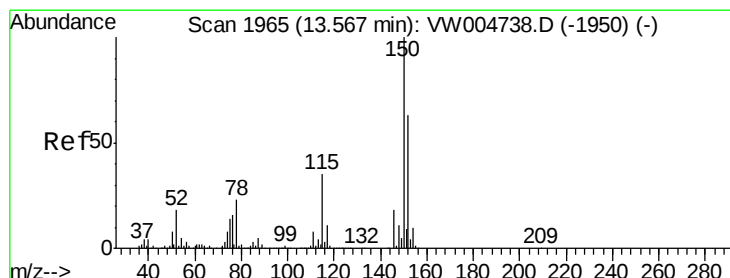
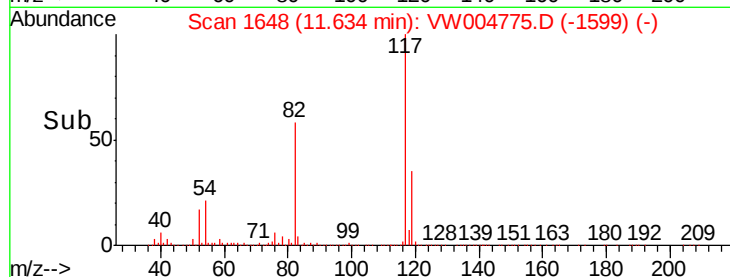
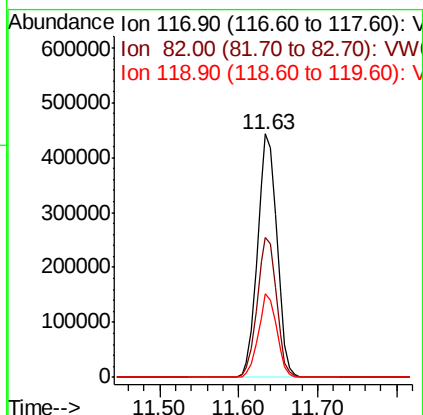
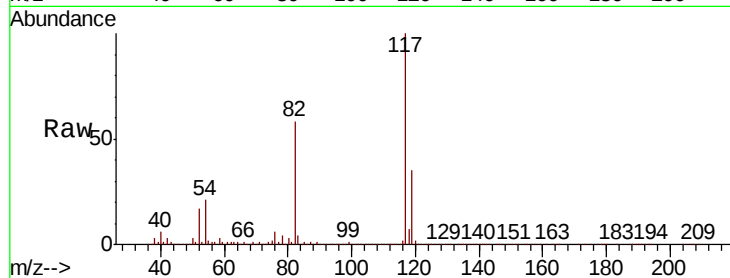




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004775.D
Acq: 18 Aug 2018 11:39

Instrument :
MSVOA_W
ClientSampled :
72-11967

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	44.6	67.0
119	34.5	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004775.D
Acq: 18 Aug 2018 11:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.5	85.5
150	152.3	0.0	344.8

