

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004821.D
 Acq On : 21 Aug 2018 05:52
 Operator : SY/AP
 Sample : J4521-16
 Misc : 6.39G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11990

Quant Time: Aug 21 08:06:37 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

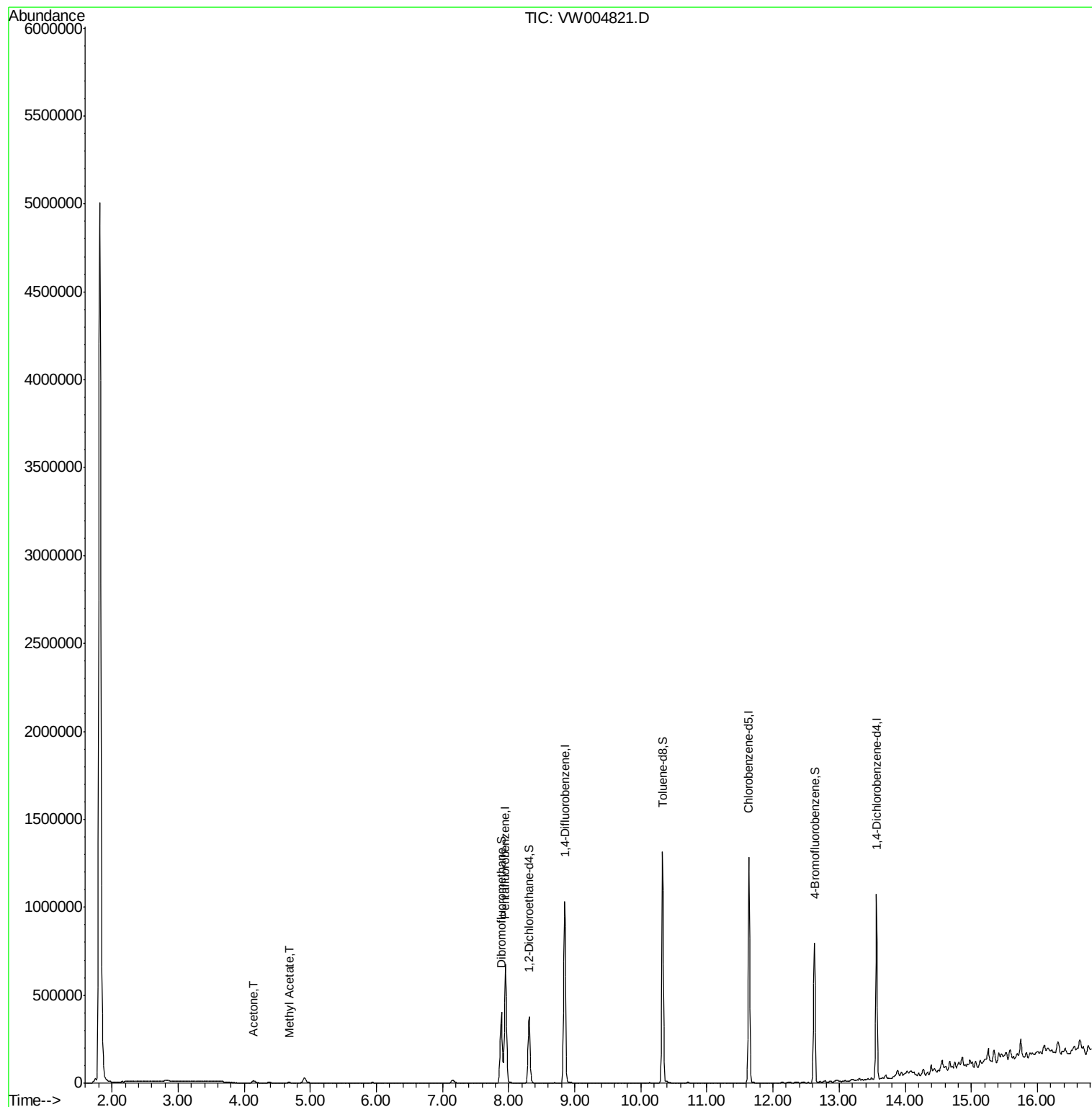
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	520100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	866527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	740434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	288485	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	287175	57.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.22%	
35) Dibromofluoromethane	7.89	113	289407	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
50) Toluene-d8	10.33	98	882588	40.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.64%	
62) 4-Bromofluorobenzene	12.62	95	268331	34.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.00%	
Target Compounds						
16) Acetone	4.14	43	22710	17.69	ug/l	98
18) Methyl Acetate	4.68	43	4682	1.70	ug/l	95

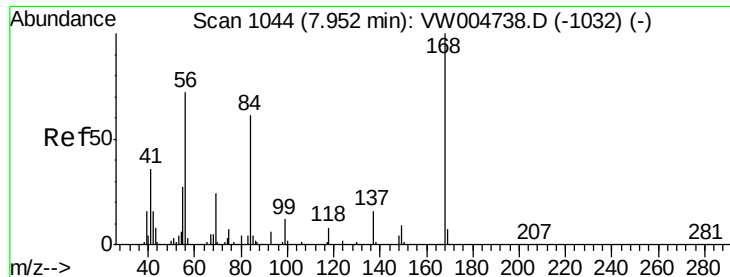
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW004821.D

Acq: 21 Aug 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

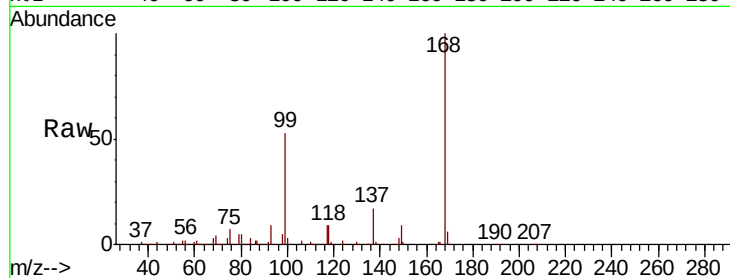
72-11990

Tot Ion:168 Resp: 520100

Ion Ratio Lower Upper

168 100

99 52.6 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

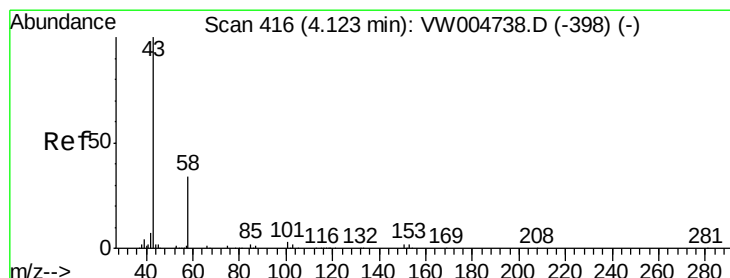
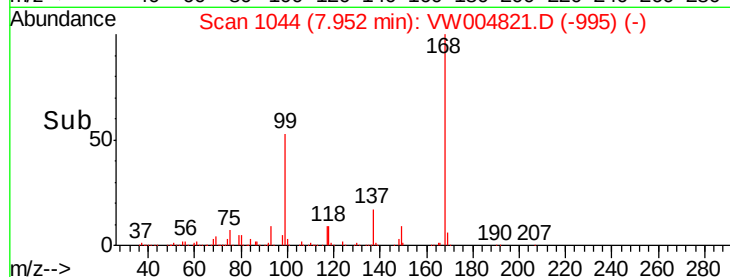
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 17.69 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004821.D

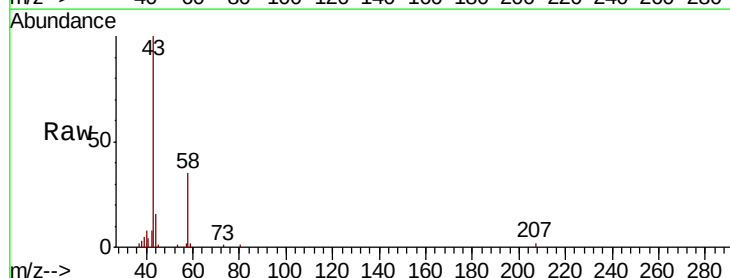
Acq: 21 Aug 2018 05:52

Tgt Ion: 43 Resp: 22710

Ion Ratio Lower Upper

43 100

58 35.2 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

8000

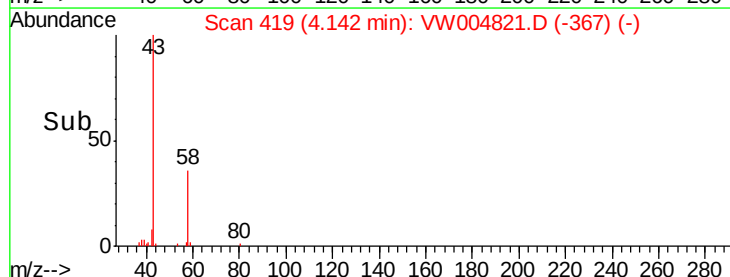
6000

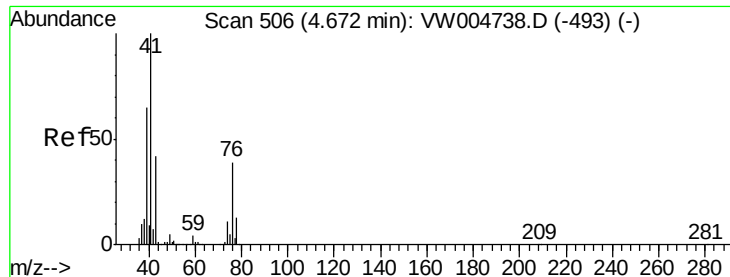
4000

2000

0

Time--> 4.00 4.10 4.20

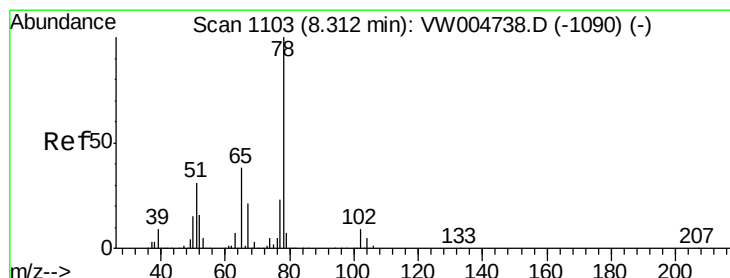
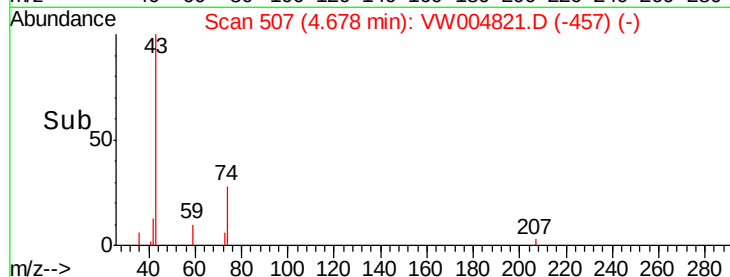
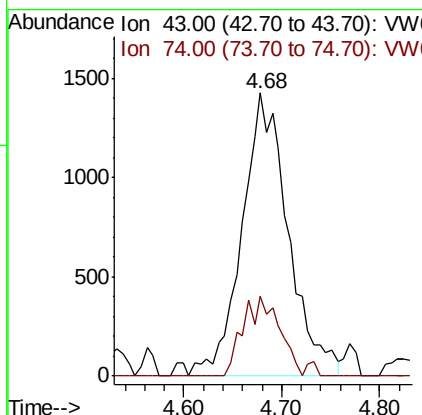
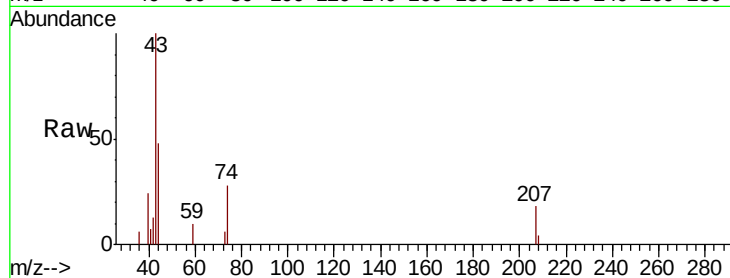




#18
Methvl Acetate
Concen: 1.70 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004821.D
Acq: 21 Aug 2018 05:52

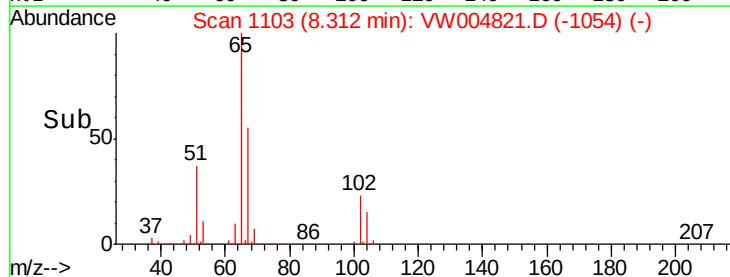
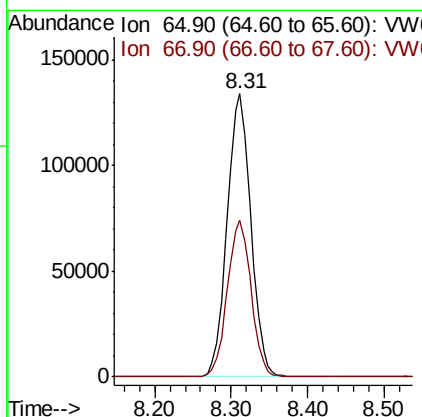
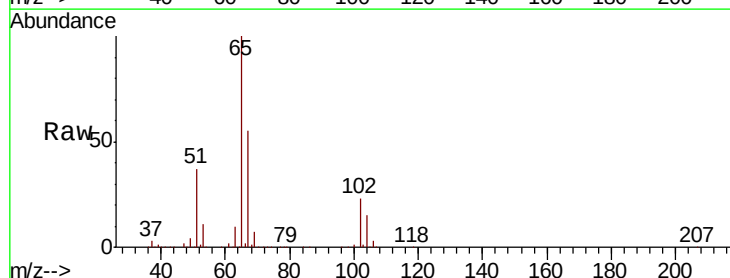
Instrument :
MSVOA_W
ClientSampleId :
72-11990

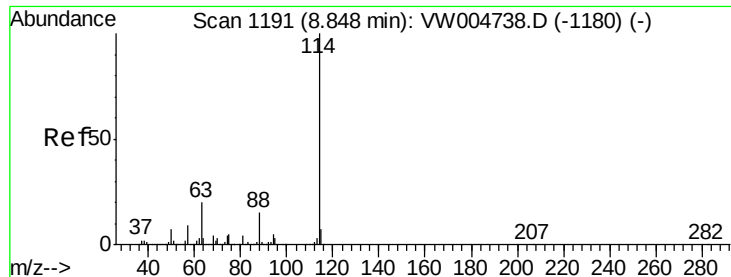
Tot Ion: 43 Resp: 4682
Ion Ratio Lower Upper
43 100
74 22.2 19.8 29.8



#33
1,2-Dichloroethane-d4
Concen: 57.11 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004821.D
Acq: 21 Aug 2018 05:52

Tgt Ion: 65 Resp: 287175
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.4

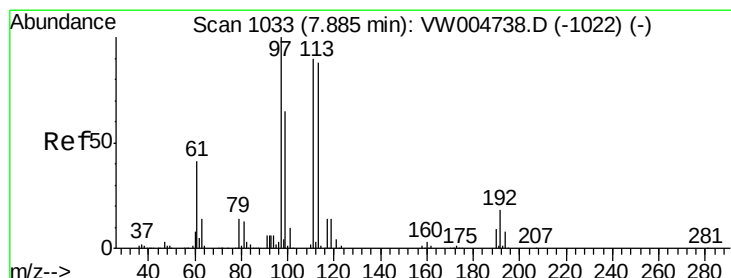
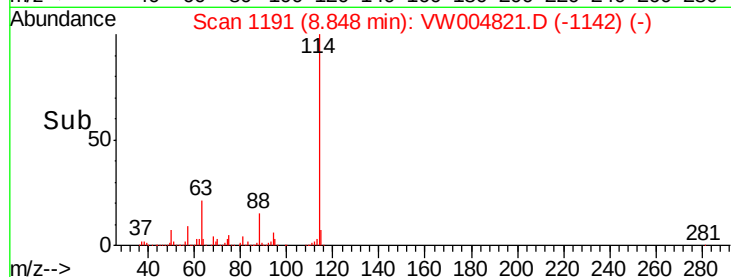
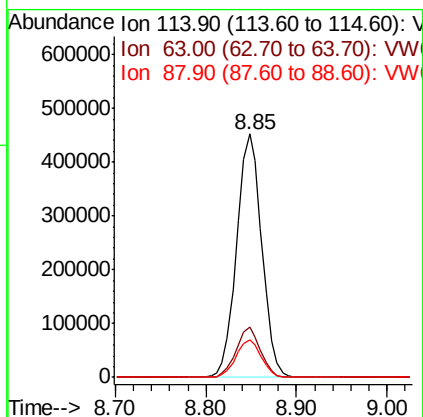
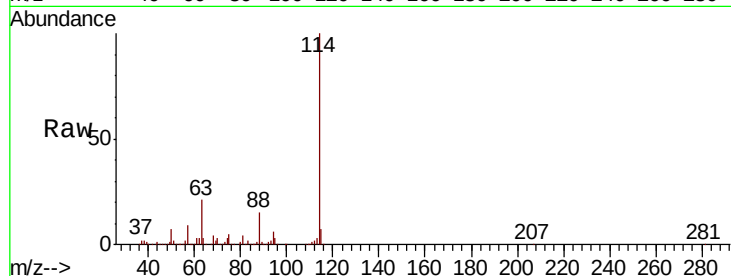




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004821.D
 Acq: 21 Aug 2018 05:52

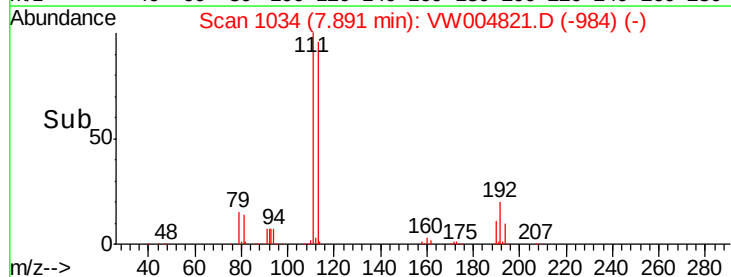
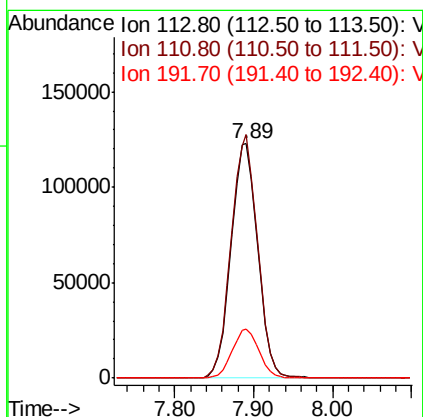
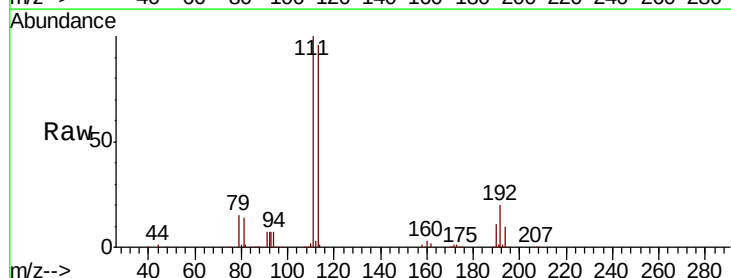
Instrument :
 MSVOA_W
 ClientSampleId :
 72-11990

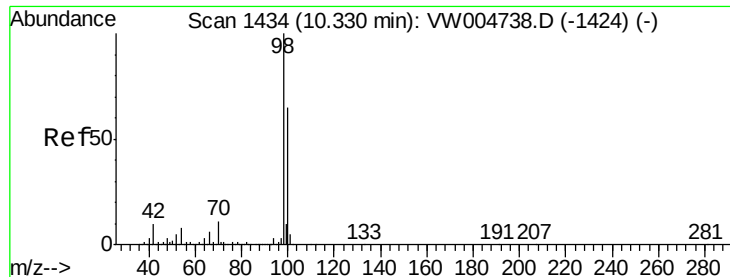
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.0
88	15.5	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 52.26 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004821.D
 Acq: 21 Aug 2018 05:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	20.9	16.7	25.1





#50

Toluene-d8

Concen: 40.82 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004821.D

Acq: 21 Aug 2018 05:52

Instrument :

MSVOA_W

ClientSampleId :

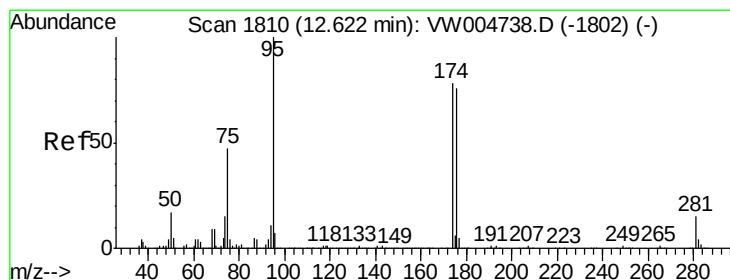
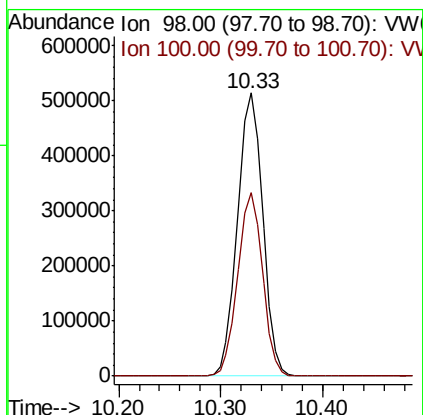
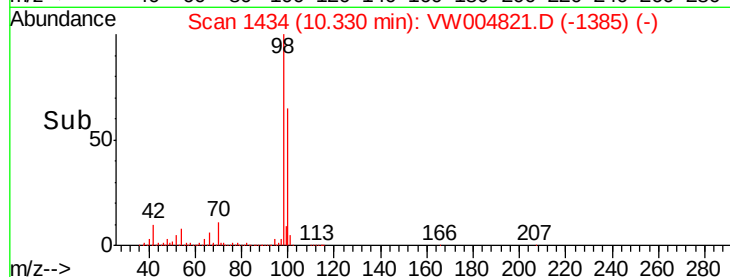
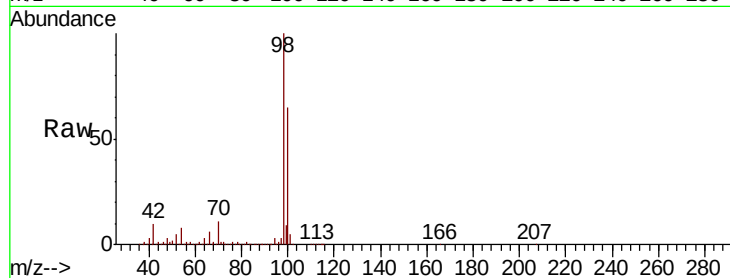
72-11990

Tot Ion: 98 Resp: 882588

Ion Ratio Lower Upper

98 100

100 63.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 34.50 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004821.D

Acq: 21 Aug 2018 05:52

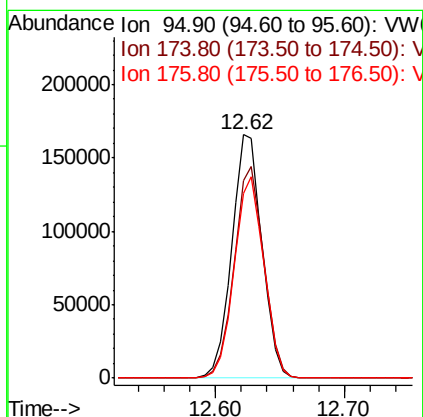
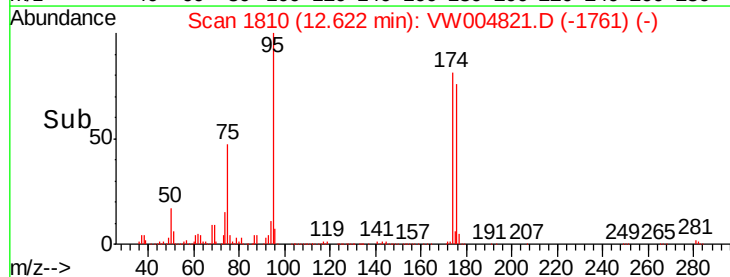
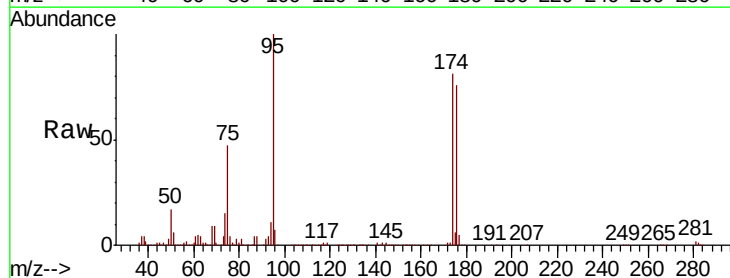
Tgt Ion: 95 Resp: 268331

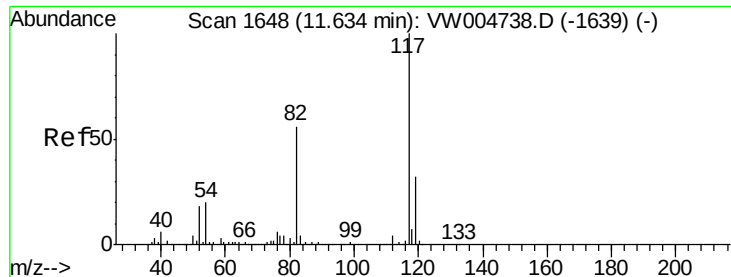
Ion Ratio Lower Upper

95 100

174 85.9 0.0 165.8

176 81.8 0.0 159.8

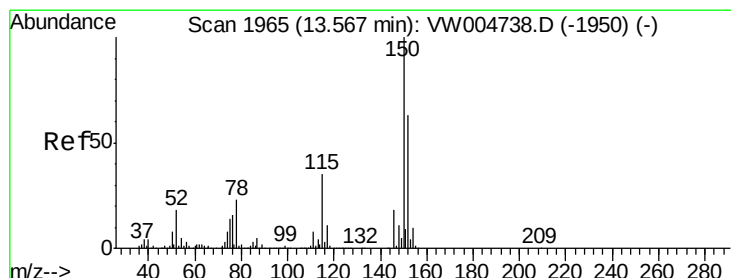
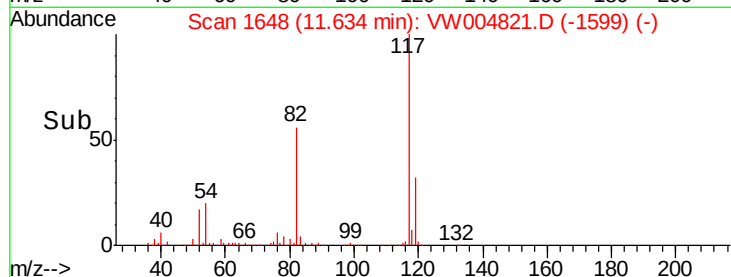
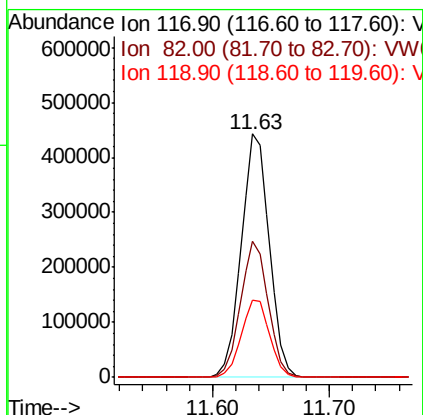
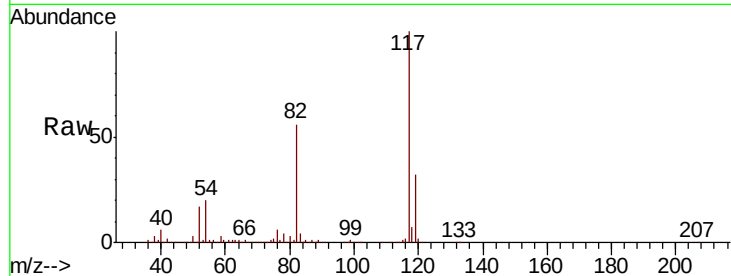




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004821.D
Acq: 21 Aug 2018 05:52

Instrument :
MSVOA_W
ClientSampled :
72-11990

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.6	67.0
119	31.6	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: VW004821.D
Acq: 21 Aug 2018 05:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.5	85.5
150	156.0	0.0	344.8

