

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004818.D
 Acq On : 21 Aug 2018 04:35
 Operator : SY/AP
 Sample : J4521-07RE
 Misc : 6.67G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11969RE

Quant Time: Aug 21 07:45:28 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	509452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	805316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	561530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	141687	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	270602	54.94	ug/l	0.00
Spiked Amount			Recovery	=	109.88%	
35) Dibromofluoromethane	7.88	113	263551	51.20	ug/l	0.00
Spiked Amount			Recovery	=	102.40%	
50) Toluene-d8	10.33	98	762718	37.96	ug/l	0.00
Spiked Amount			Recovery	=	75.92%	
62) 4-Bromofluorobenzene	12.62	95	172602	23.88	ug/l	0.00
Spiked Amount			Recovery	=	47.76%	

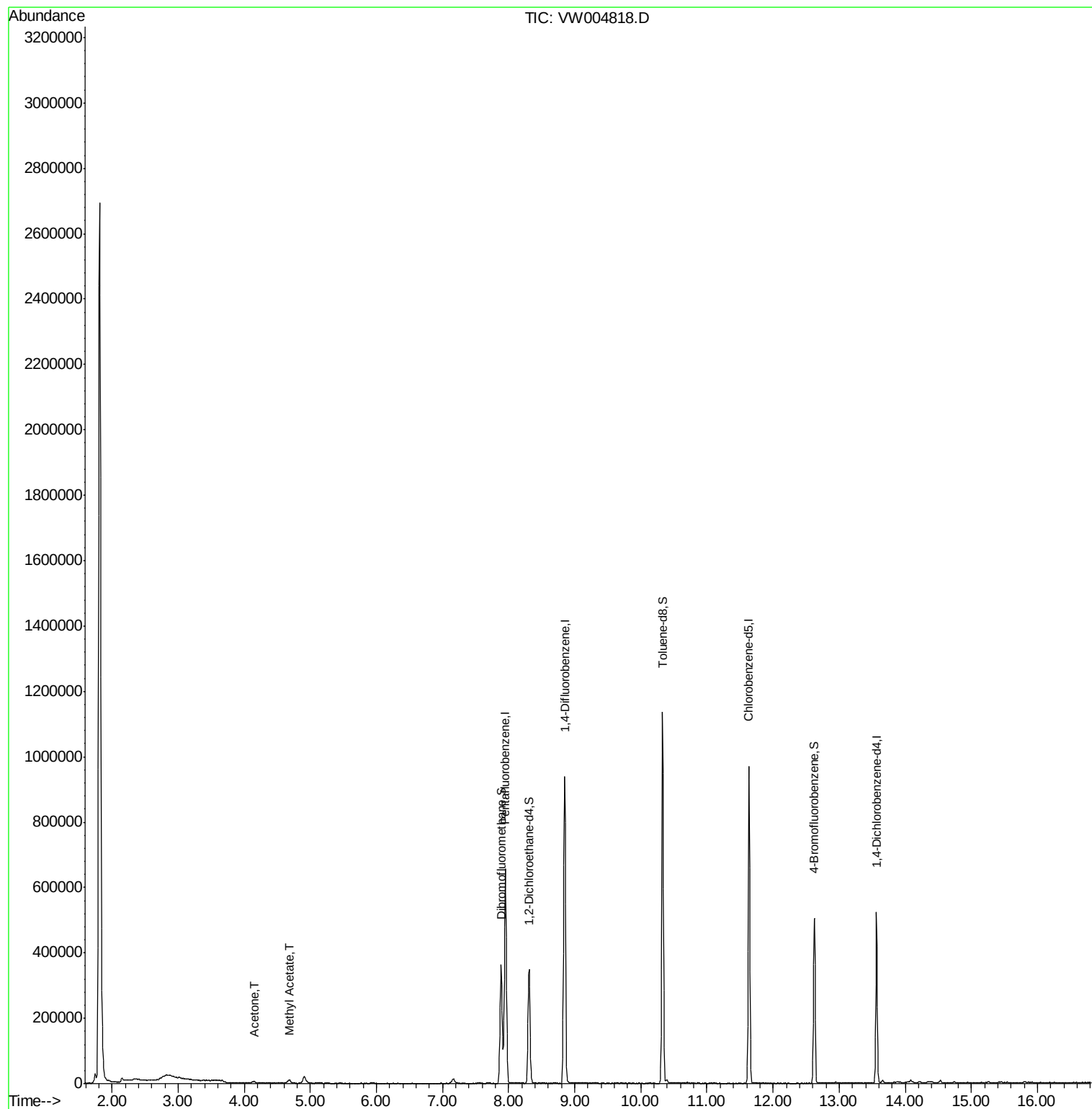
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	10464	8.32	ug/l	93
18) Methyl Acetate	4.68	43	21043	7.81	ug/l	98

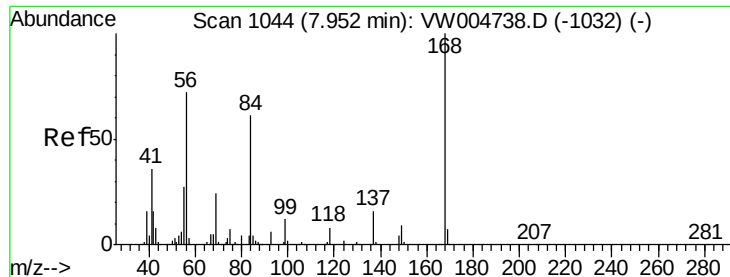
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 18 01:49:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004818.D

Acq: 21 Aug 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

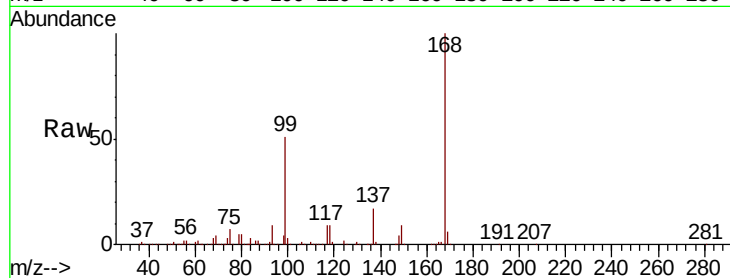
72-11969RE

Tot Ion:168 Resp: 509452

Ion Ratio Lower Upper

168 100

99 51.2 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

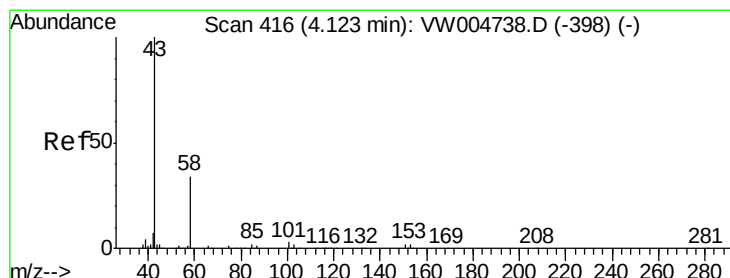
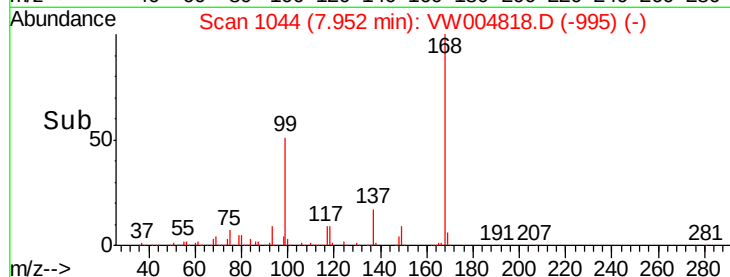
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#16

Acetone

Concen: 8.32 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004818.D

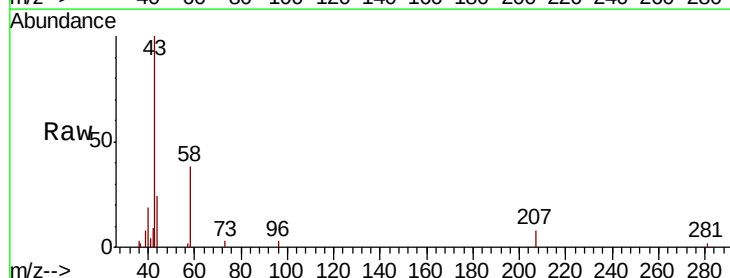
Acq: 21 Aug 2018 04:35

Tgt Ion: 43 Resp: 10464

Ion Ratio Lower Upper

43 100

58 38.1 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

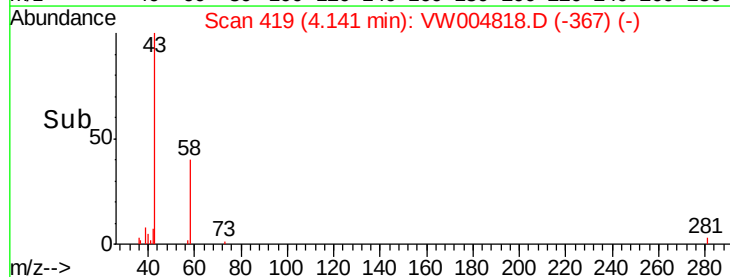
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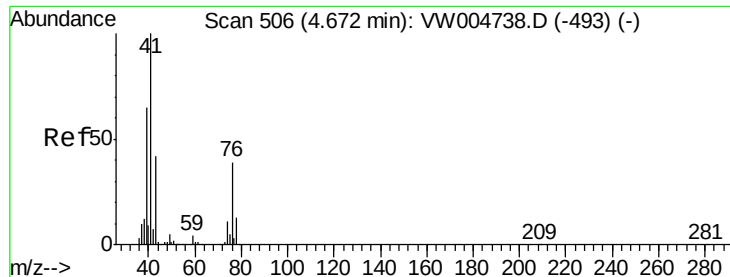
1000

0

Time-->

4.10 4.20

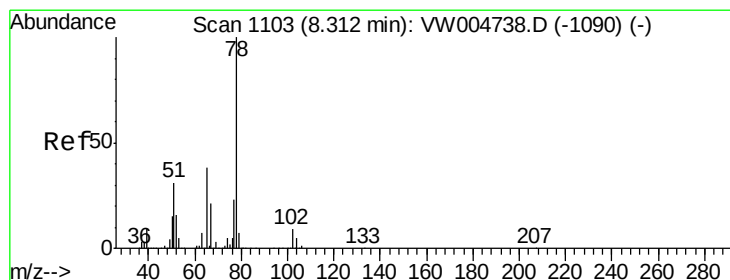
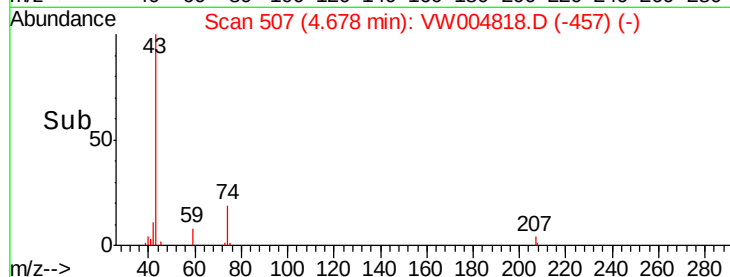
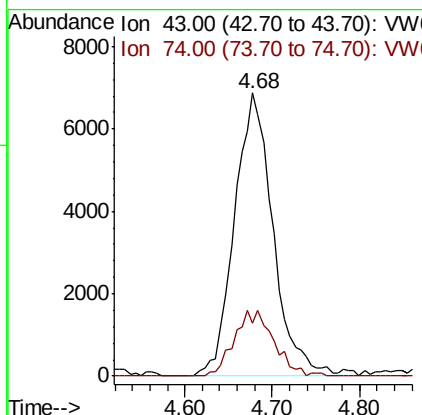
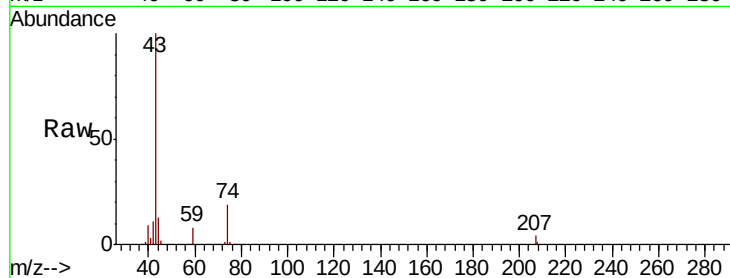




#18
Methvl Acetate
Concen: 7.81 ug/l
RT: 4.68 min Scan# 507
Delta R.T. 0.01 min
Lab File: VW004818.D
Acq: 21 Aug 2018 04:35

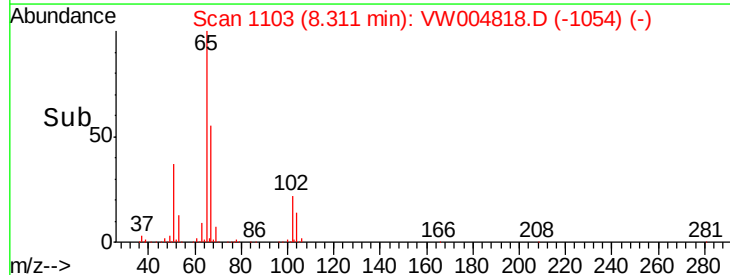
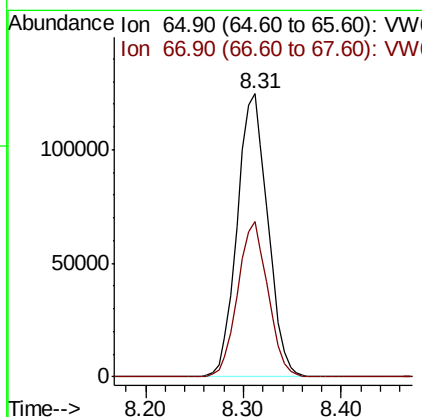
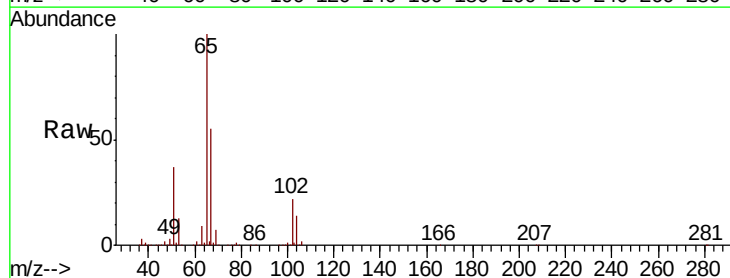
Instrument :
MSVOA_W
ClientSampleId :
72-11969RE

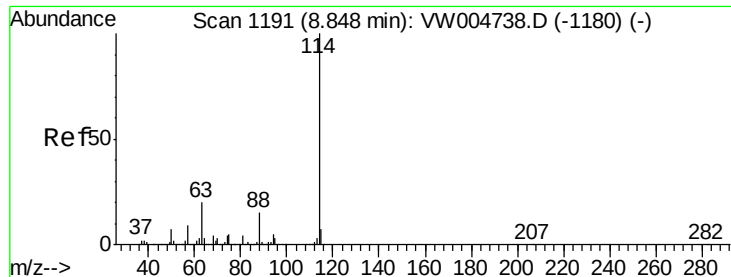
Tot Ion: 43 Resp: 21043
Ion Ratio Lower Upper
43 100
74 23.6 19.8 29.8



#33
1,2-Dichloroethane-d4
Concen: 54.94 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004818.D
Acq: 21 Aug 2018 04:35

Tgt Ion: 65 Resp: 270602
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.4

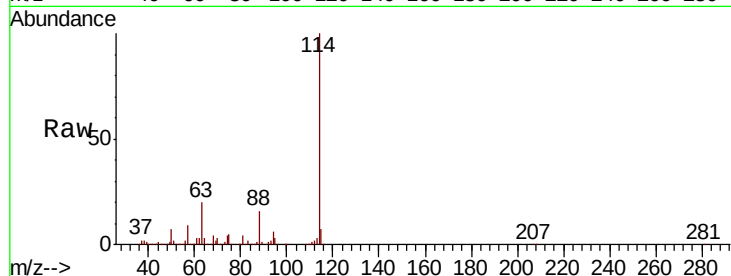




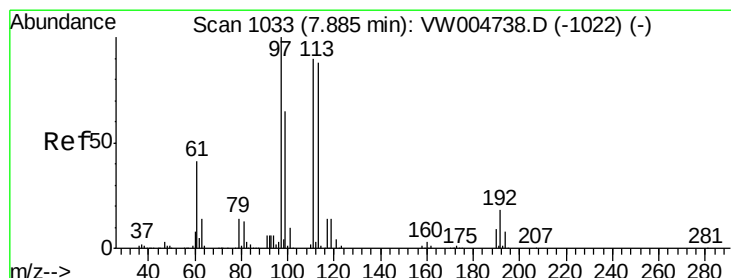
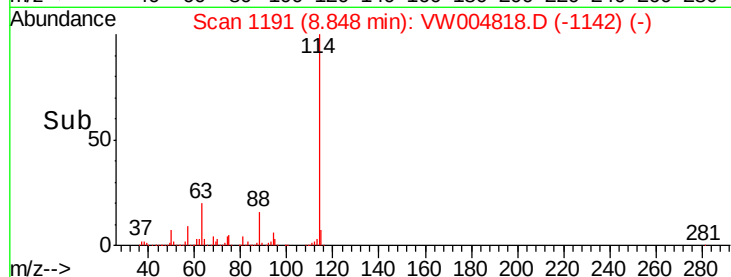
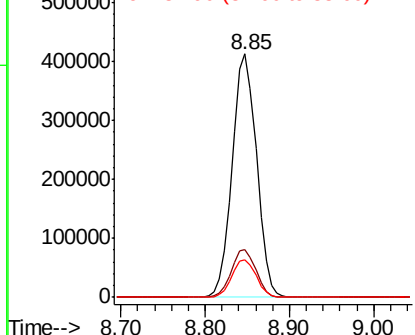
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW004818.D
Acq: 21 Aug 2018 04:35

Instrument :
MSVOA_W
ClientSampleId :
72-11969RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.5	0.0	30.0

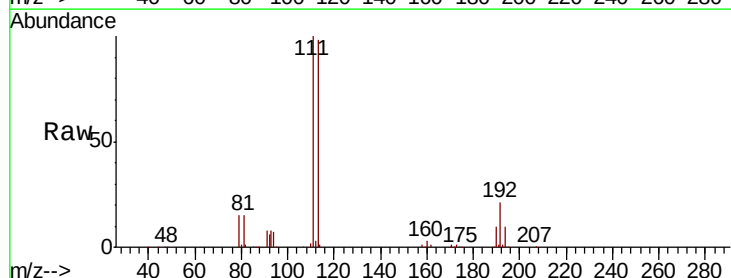


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

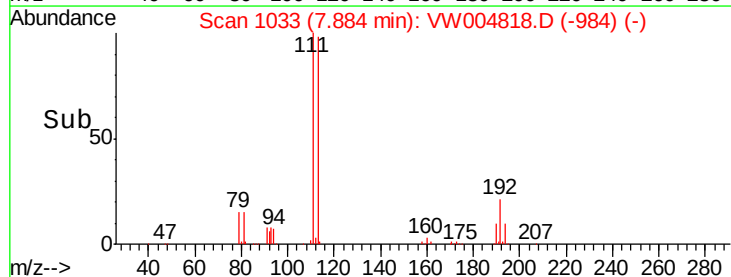
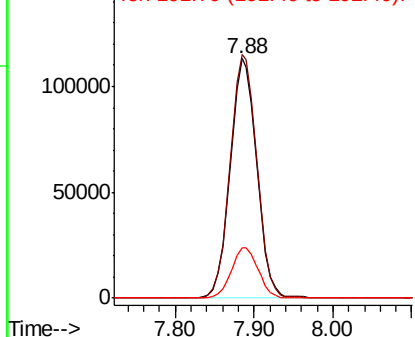


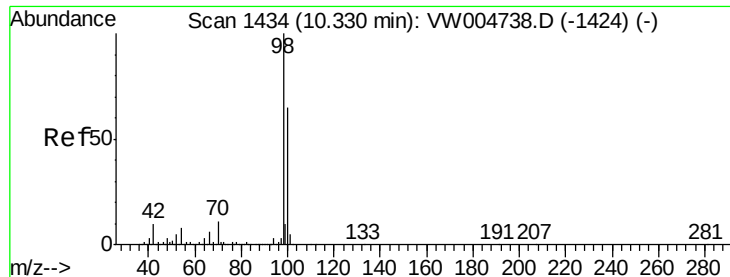
#35
Dibromofluoromethane
Concen: 51.20 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW004818.D
Acq: 21 Aug 2018 04:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	21.4	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: 37.96 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004818.D

Acq: 21 Aug 2018 04:35

Instrument :

MSVOA_W

ClientSampleId :

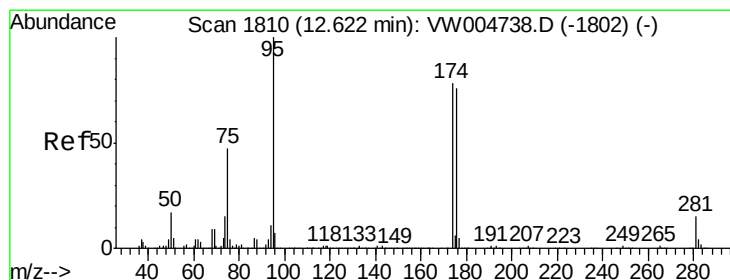
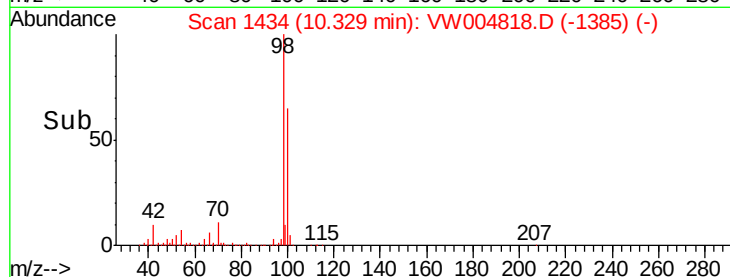
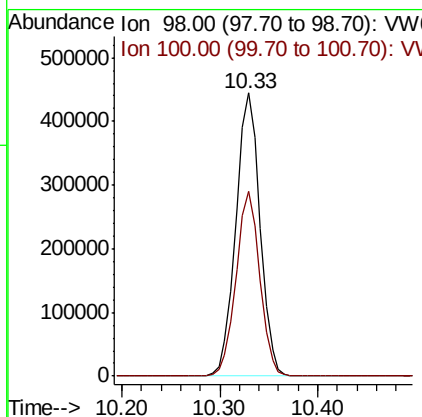
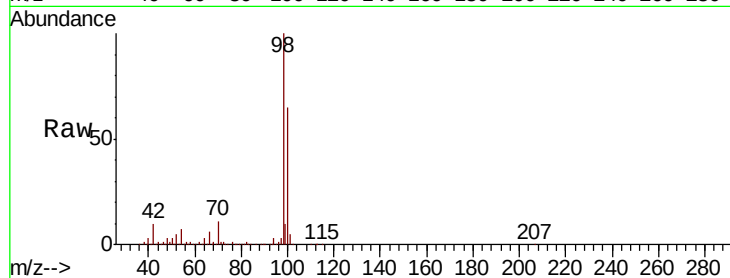
72-11969RE

Tot Ion: 98 Resp: 762718

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 23.88 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004818.D

Acq: 21 Aug 2018 04:35

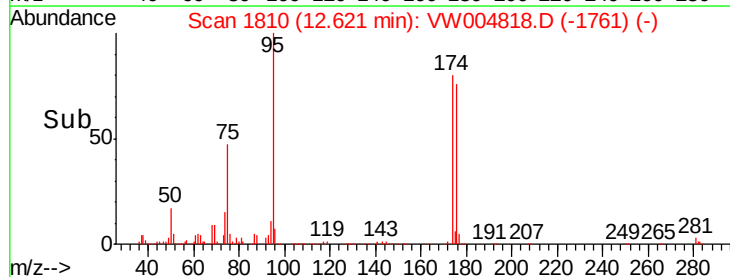
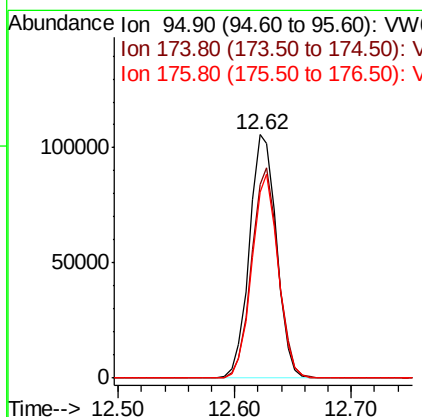
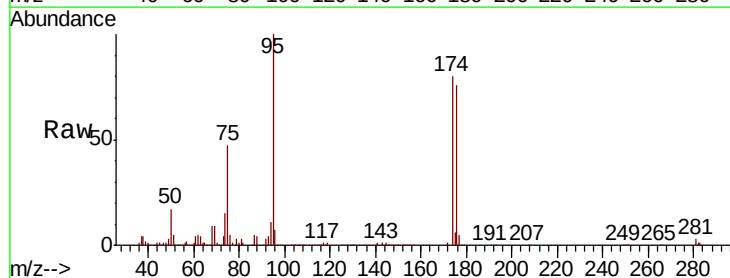
Tgt Ion: 95 Resp: 172602

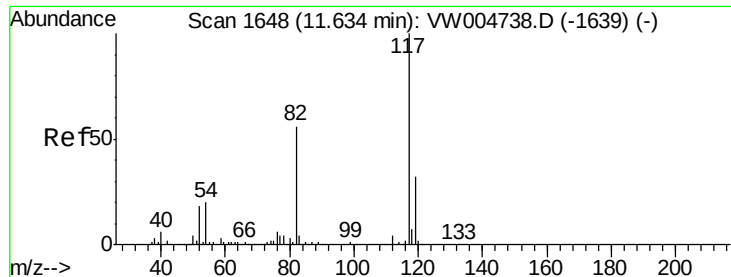
Ion Ratio Lower Upper

95 100

174 84.7 0.0 165.8

176 80.9 0.0 159.8

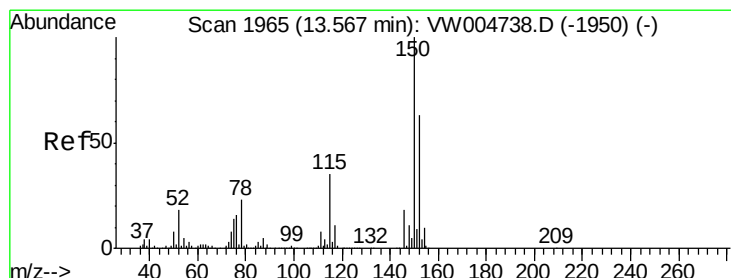
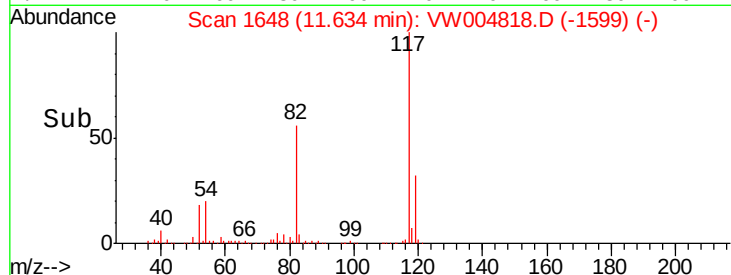
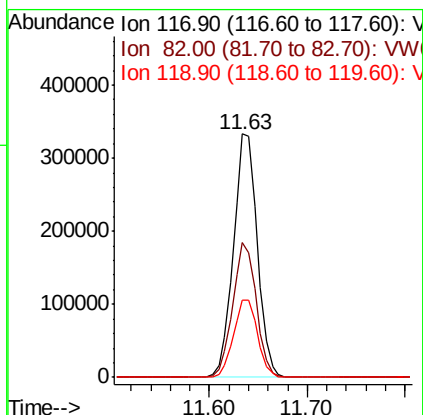
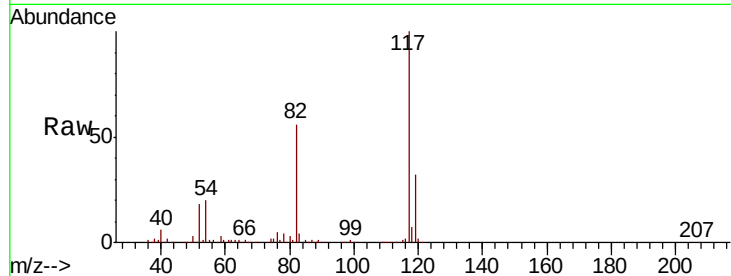




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.63 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VW004818.D
 Acq: 21 Aug 2018 04:35

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11969RE

Tot Ion:117 Resp: 561530
 Ion Ratio Lower Upper
 117 100
 82 55.6 44.6 67.0
 119 31.9 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: VW004818.D
 Acq: 21 Aug 2018 04:35

Tgt Ion:152 Resp: 141687
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.5 85.5
 150 157.7 0.0 344.8

