

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004777.D
 Acq On : 18 Aug 2018 12:31
 Operator : SY/AP
 Sample : J4521-25
 Misc : 5.26G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11988

Quant Time: Aug 20 02:16:22 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	567048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	961548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	731830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	277286	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	308636	56.30	ug/l	0.00
Spiked Amount			Recovery	=	112.60%	
35) Dibromofluoromethane	7.89	113	303083	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
50) Toluene-d8	10.33	98	737298	30.73	ug/l	0.00
Spiked Amount			Recovery	=	61.46%	
62) 4-Bromofluorobenzene	12.62	95	266760	30.91	ug/l	0.00
Spiked Amount			Recovery	=	61.82%	

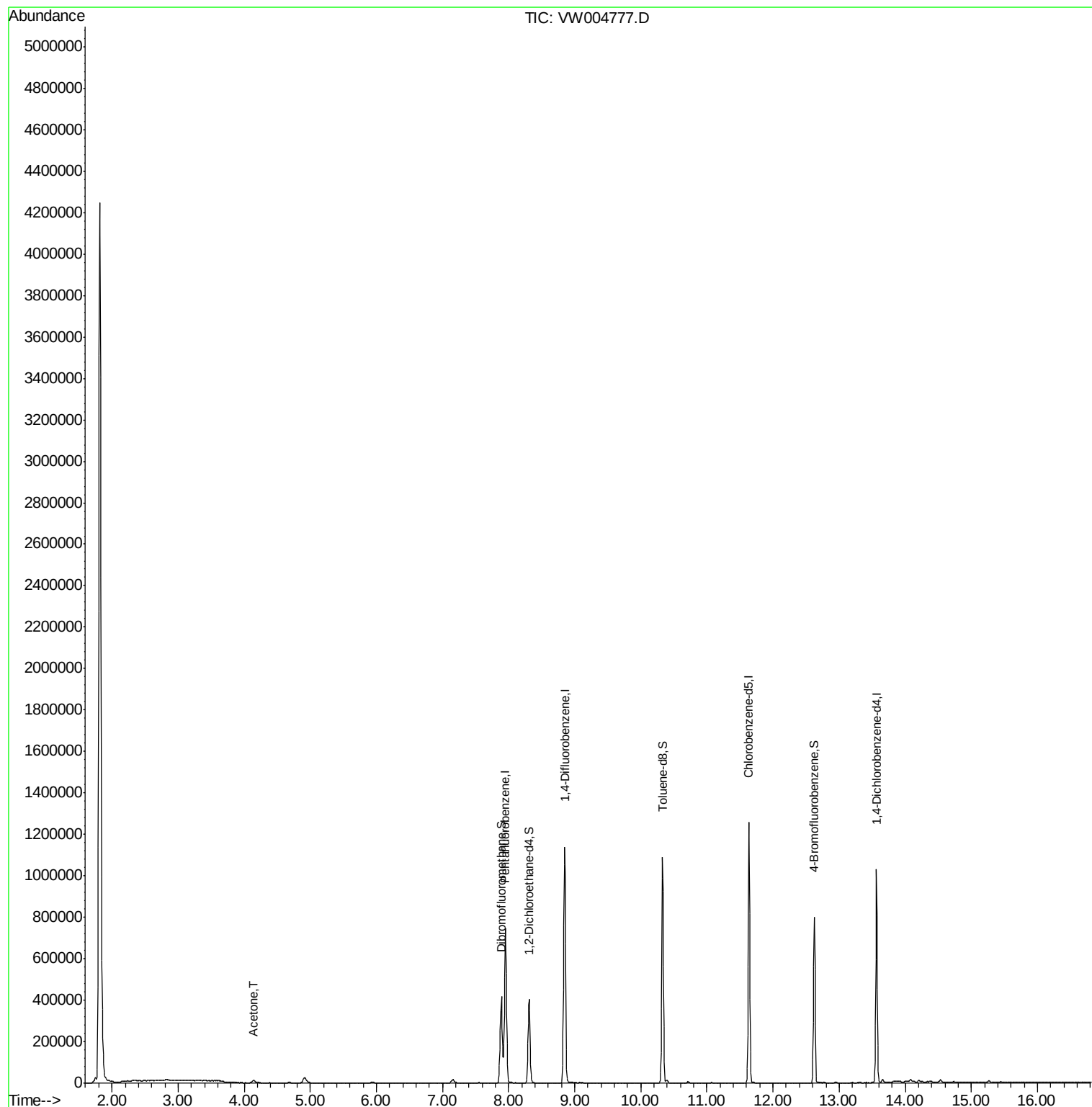
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	19076	13.63	ug/l	100

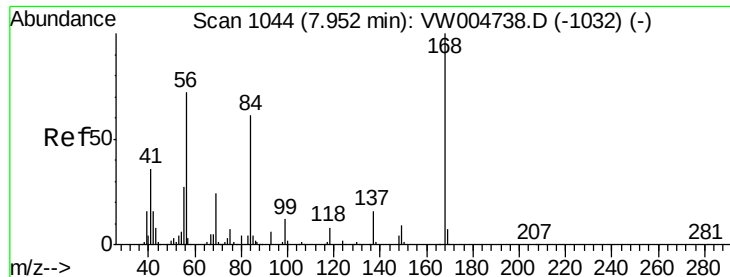
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VW004777.D

Acq: 18 Aug 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

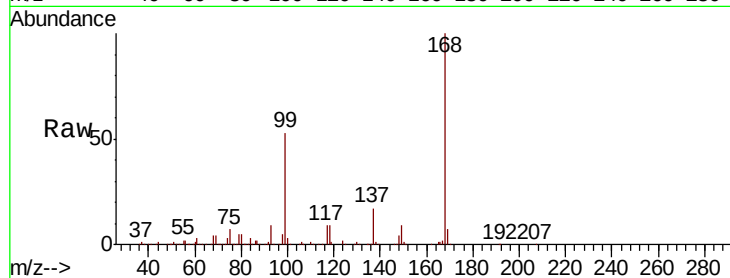
72-11988

Tot Ion:168 Resp: 567048

Ion Ratio Lower Upper

168 100

99 53.1 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

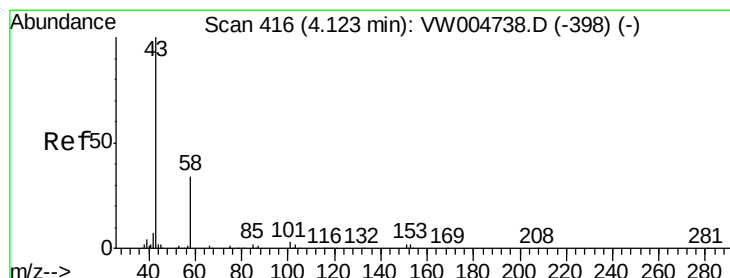
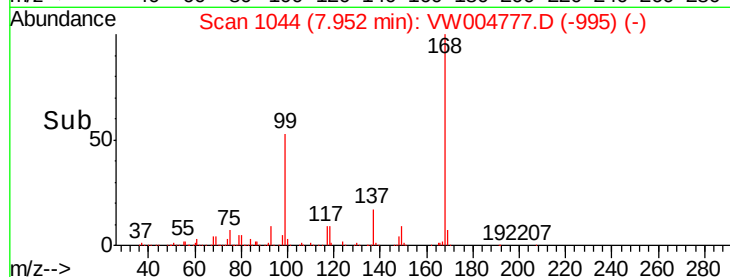
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.63 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004777.D

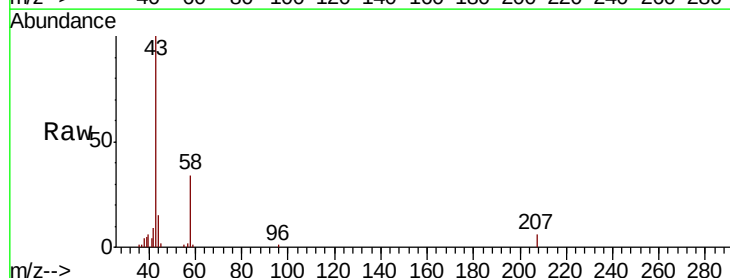
Acq: 18 Aug 2018 12:31

Tgt Ion: 43 Resp: 19076

Ion Ratio Lower Upper

43 100

58 34.2 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

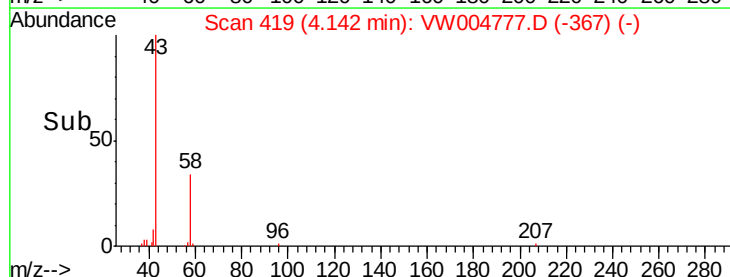
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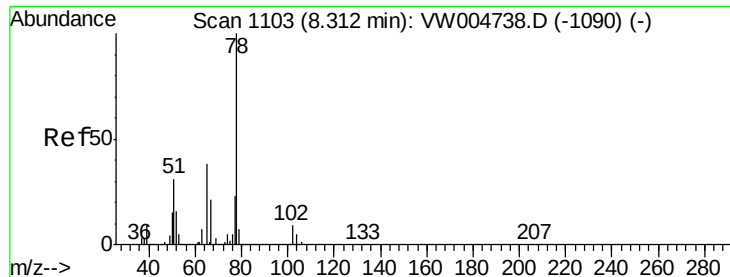
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Time-->

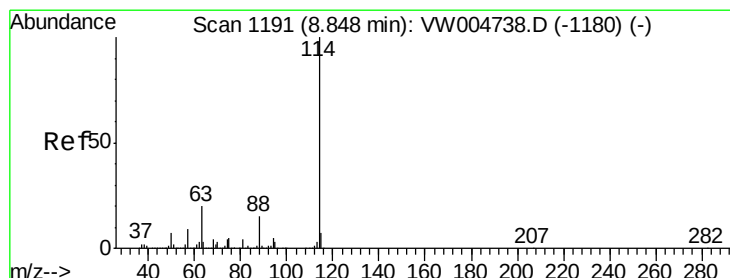
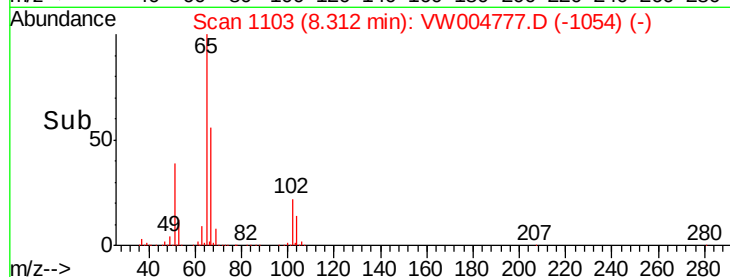
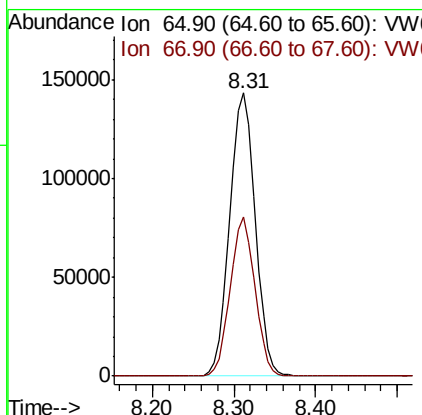
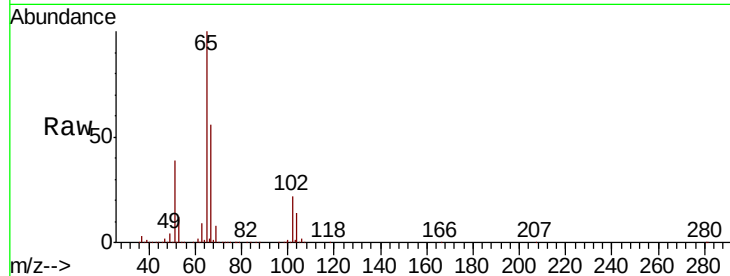




#33
 1,2-Dichloroethane-d4
 Concen: 56.30 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW004777.D
 Acq: 18 Aug 2018 12:31

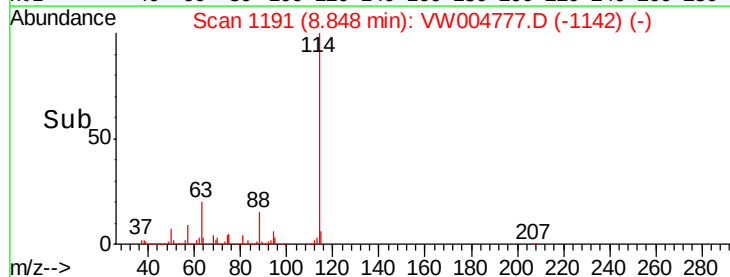
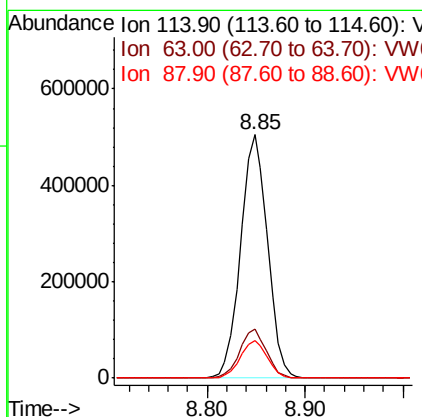
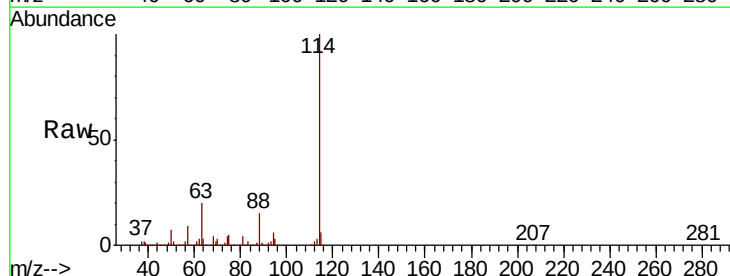
Instrument :
 MSVOA_W
 ClientSampleId :
 72-11988

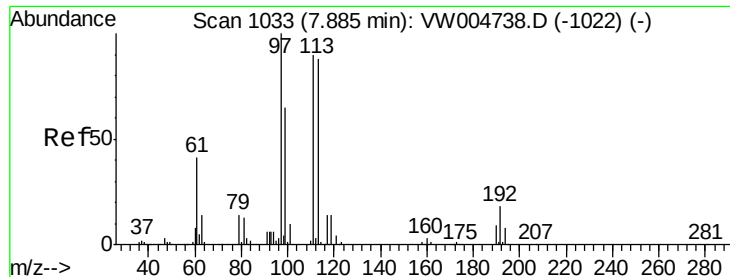
Tot Ion: 65 Resp: 308636
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004777.D
 Acq: 18 Aug 2018 12:31

Tgt Ion: 114 Resp: 961548
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.0
 88 15.4 0.0 30.0

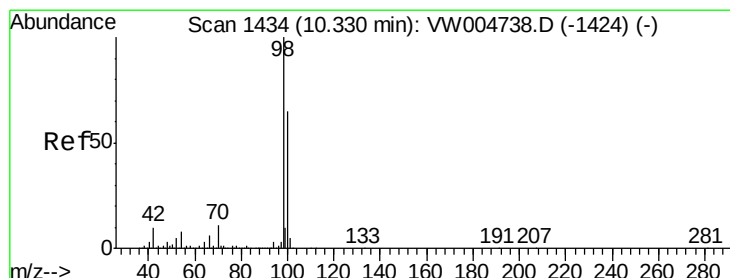
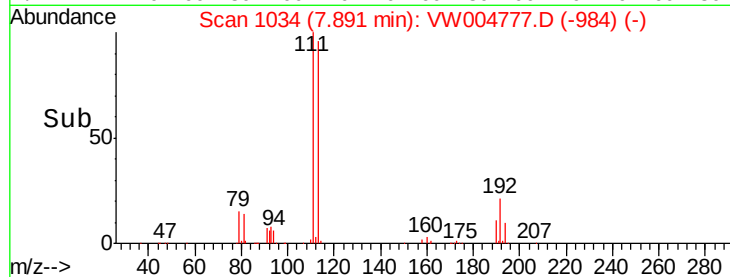
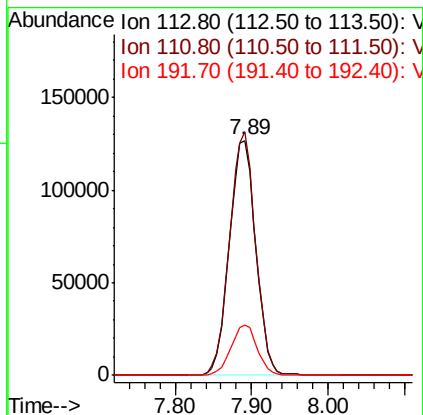
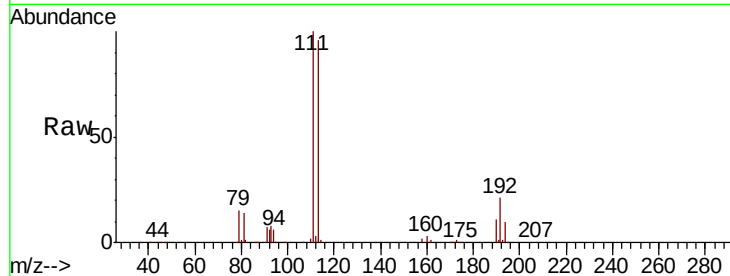




#35
 Dibromofluoromethane
 Concen: 49.32 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004777.D
 Acq: 18 Aug 2018 12:31

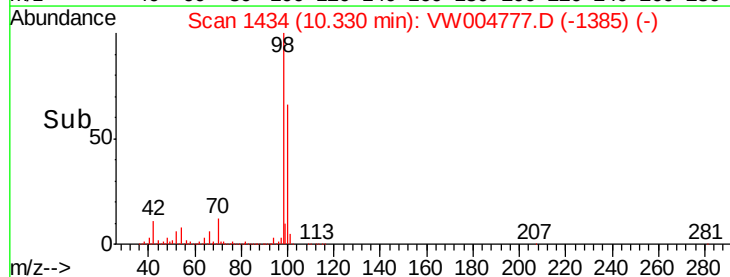
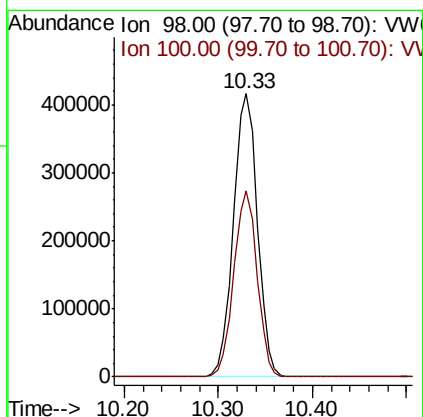
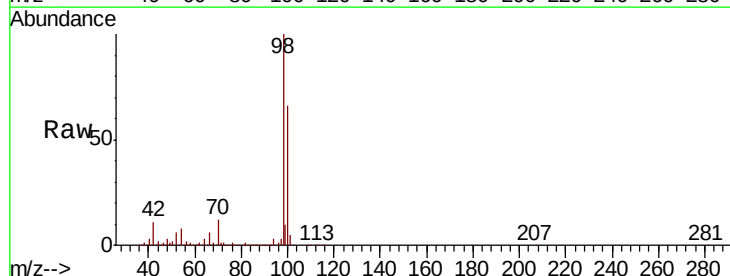
Instrument :
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 ClientSampleId :
 72-11988

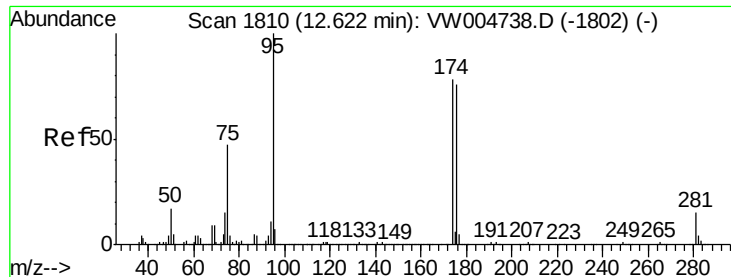
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.4	123.6
192	21.3	16.7	25.1



#50
 Toluene-d8
 Concen: 30.73 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW004777.D
 Acq: 18 Aug 2018 12:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.8	77.8

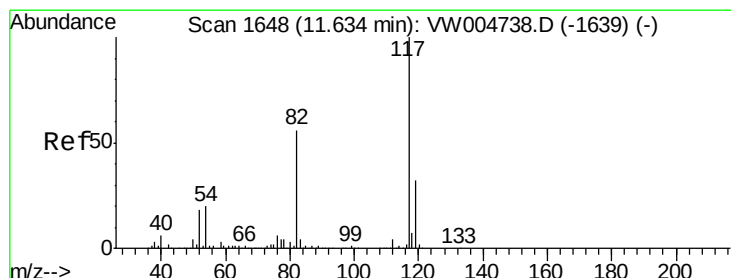
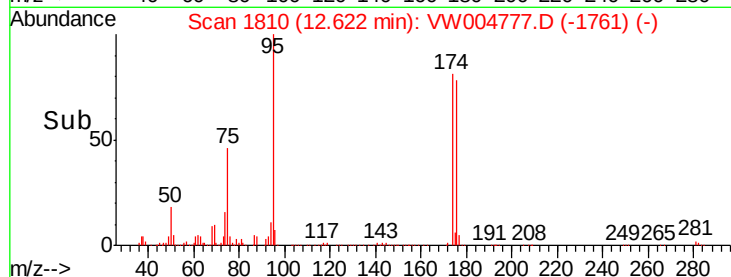
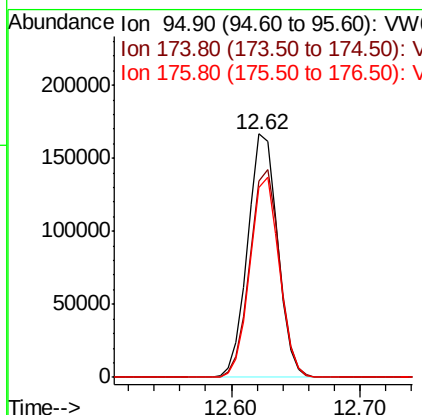
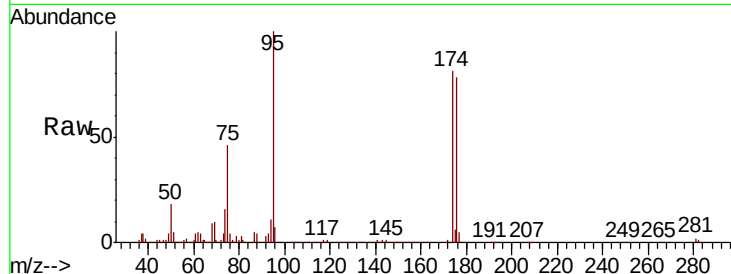




#62
4-Bromofluorobenzene
Concen: 30.91 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004777.D
Acq: 18 Aug 2018 12:31

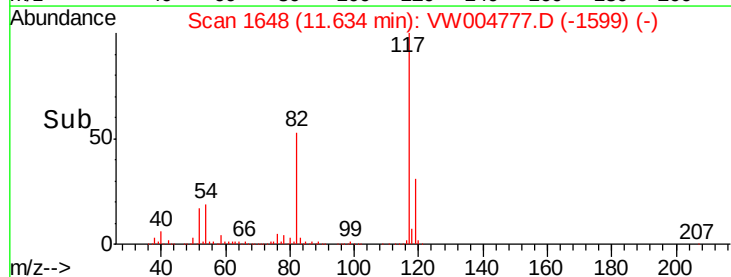
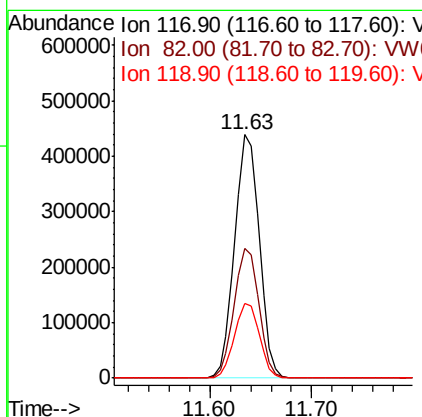
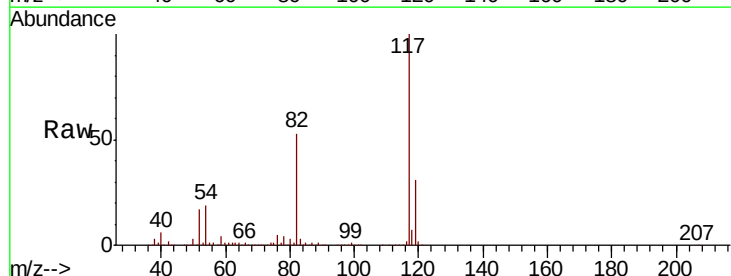
Instrument :
MSVOA_W
ClientSampleId :
72-11988

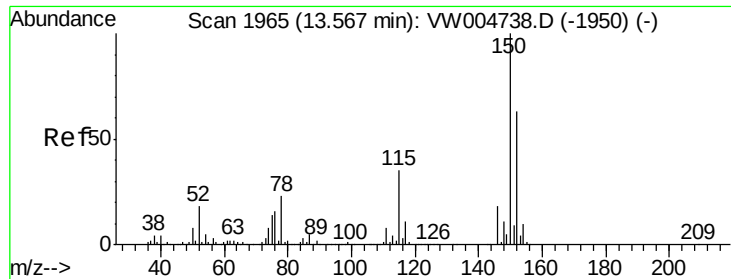
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.8	0.0	165.8
176	80.6	0.0	159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004777.D
Acq: 18 Aug 2018 12:31

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.6	67.0
119	30.9	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: VW004777.D

Acq: 18 Aug 2018 12:31

Instrument :

MSVOA_W

ClientSampleId :

72-11988

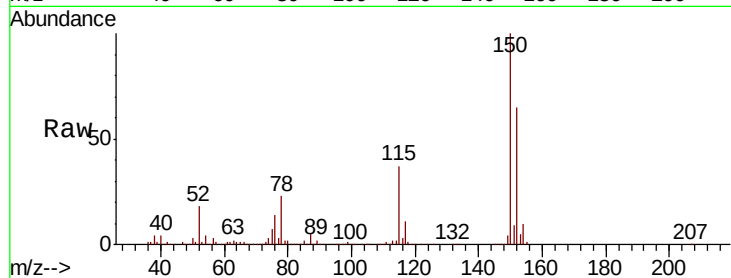
Tot Ion:152 Resp: 277286

Ion Ratio Lower Upper

152 100

115 57.0 28.5 85.5

150 157.2 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

