

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004819.D
 Acq On : 21 Aug 2018 05:01
 Operator : SY/AP
 Sample : J4521-10
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11975

Quant Time: Aug 21 07:47:55 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

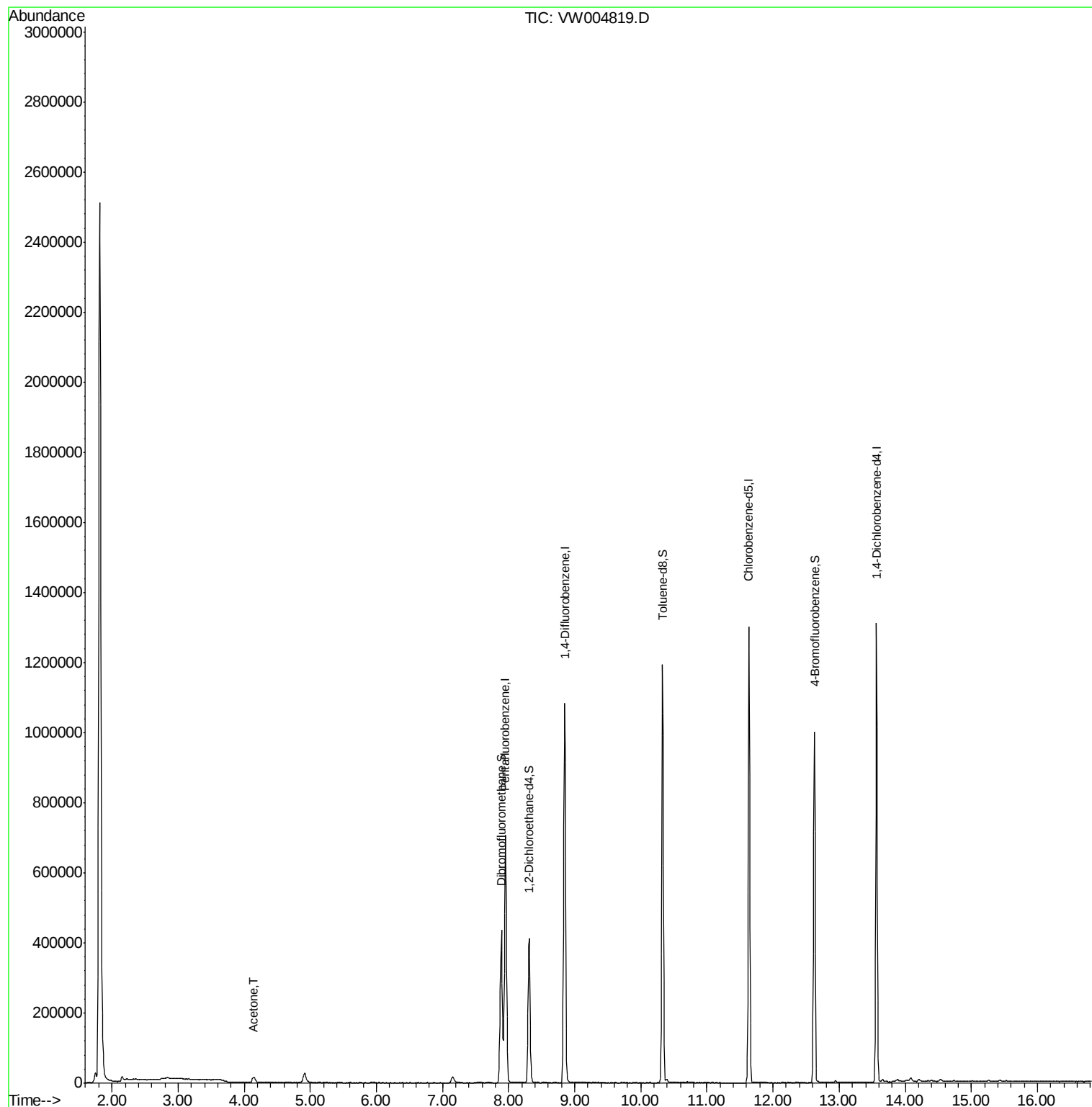
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	545200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	909963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	752459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	357313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	316998	60.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.28%	
35) Dibromofluoromethane	7.89	113	319336	54.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.82%	
50) Toluene-d8	10.33	98	793237	34.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.88%	
62) 4-Bromofluorobenzene	12.63	95	335945	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.26%	
Target Compounds						
16) Acetone	4.14	43	31083	23.10	ug/l	Qvalue 94

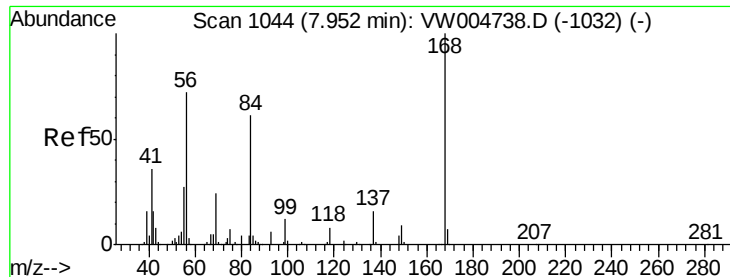
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 18 01:49:53 2018
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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: VW004819.D

Acq: 21 Aug 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

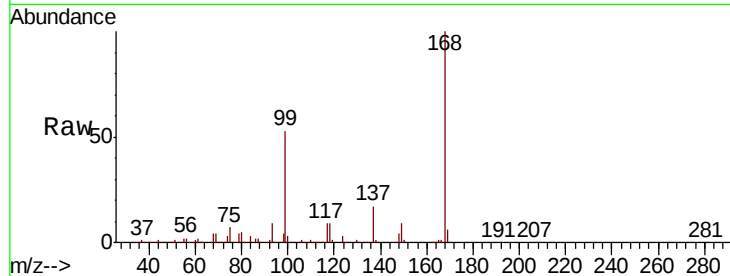
72-11975

Tot Ion:168 Resp: 545200

Ion Ratio Lower Upper

168 100

99 52.5 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

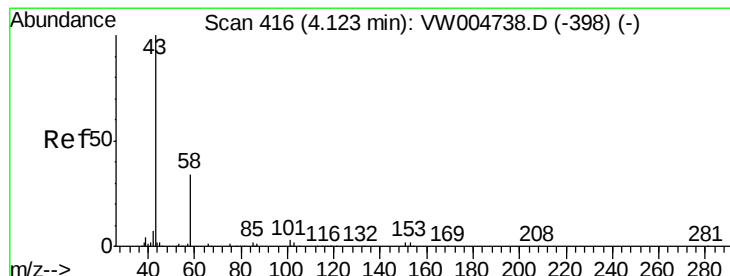
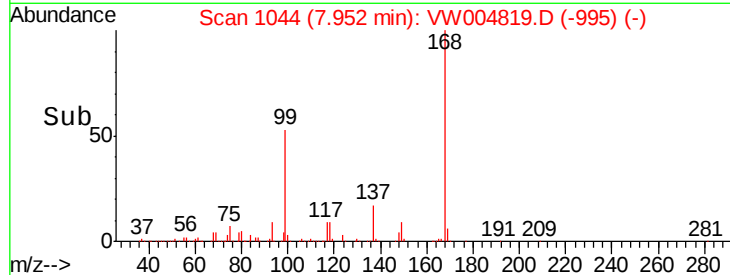
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 23.10 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.02 min

Lab File: VW004819.D

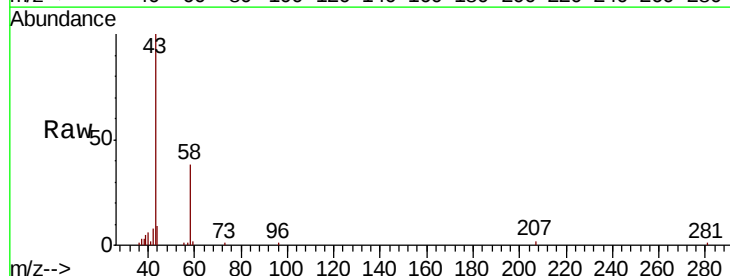
Acq: 21 Aug 2018 05:01

Tgt Ion: 43 Resp: 31083

Ion Ratio Lower Upper

43 100

58 37.5 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

10000

8000

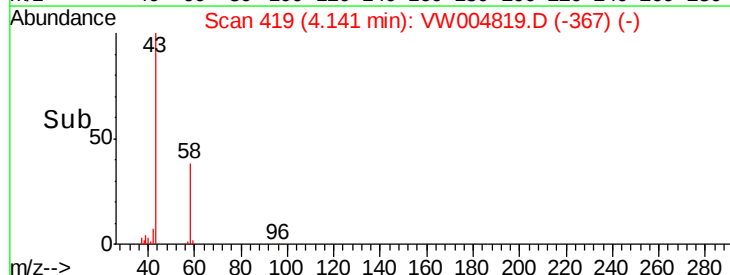
6000

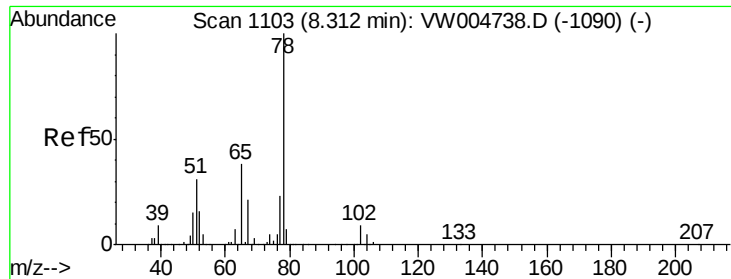
4000

2000

0

Time--> 4.00 4.10 4.20 4.30

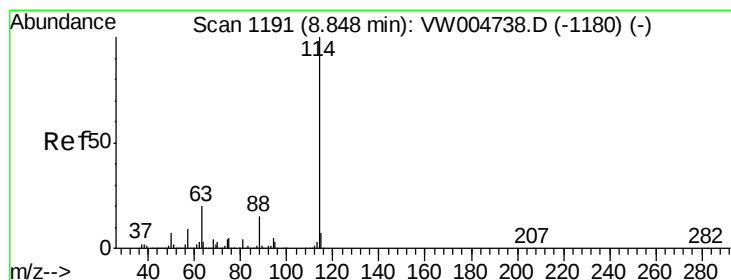
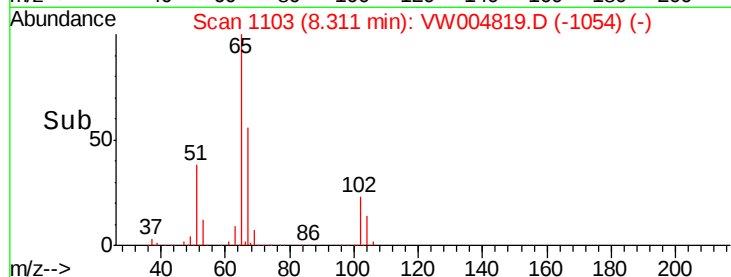
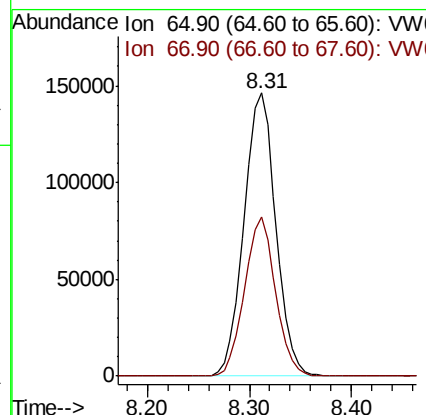
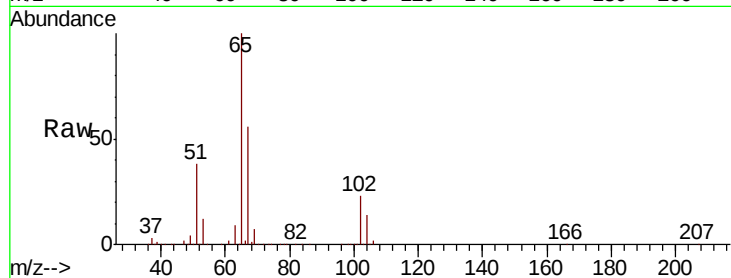




#33
 1,2-Dichloroethane-d4
 Concen: 60.14 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004819.D
 Acq: 21 Aug 2018 05:01

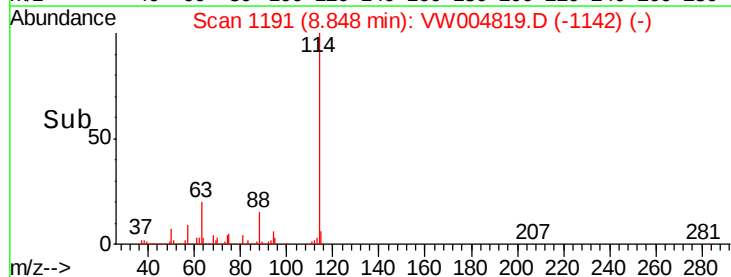
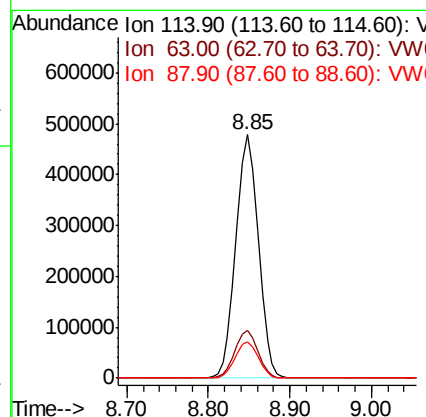
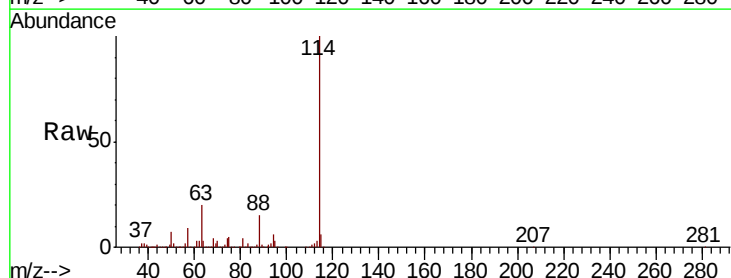
Instrument :
 MSVOA_W
 ClientSampleId :
 72-11975

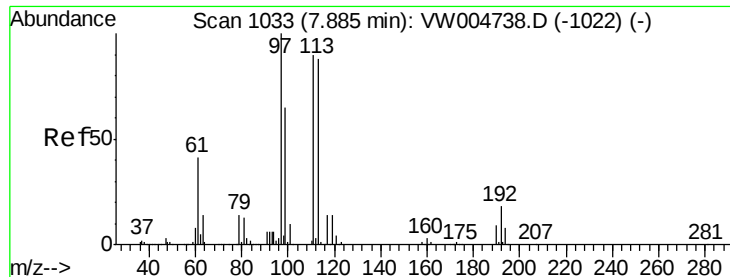
Tot Ion: 65 Resp: 316998
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004819.D
 Acq: 21 Aug 2018 05:01

Tgt Ion: 114 Resp: 909963
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.0
 88 15.1 0.0 30.0

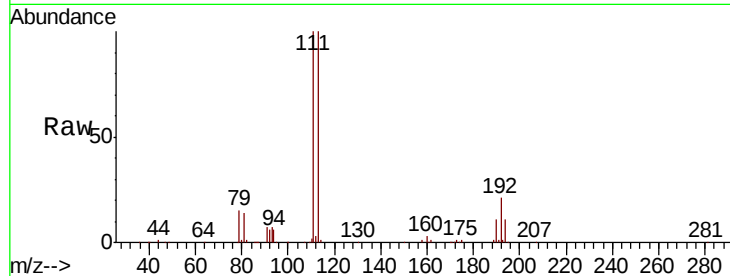




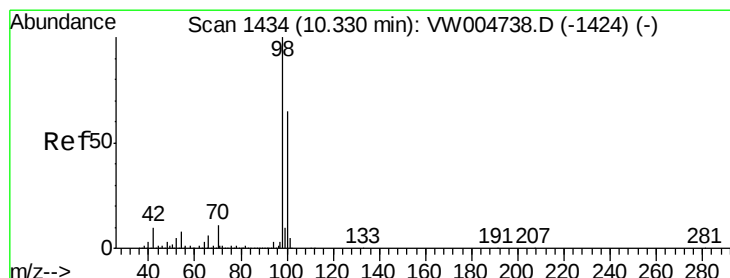
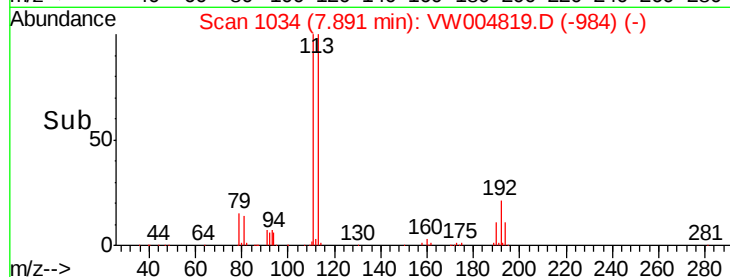
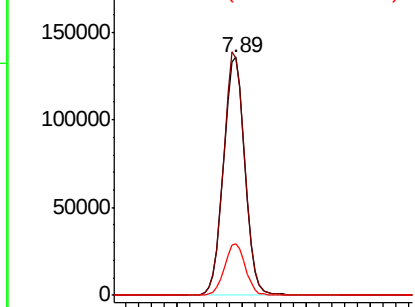
#35
 Dibromofluoromethane
 Concen: 54.91 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004819.D
 Acq: 21 Aug 2018 05:01

Instrument :
 MSVOA_W
 ClientSampleId :
 72-11975

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.4	123.6
192	21.0	16.7	25.1

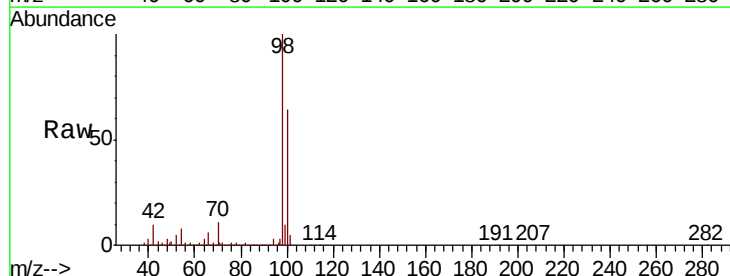


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

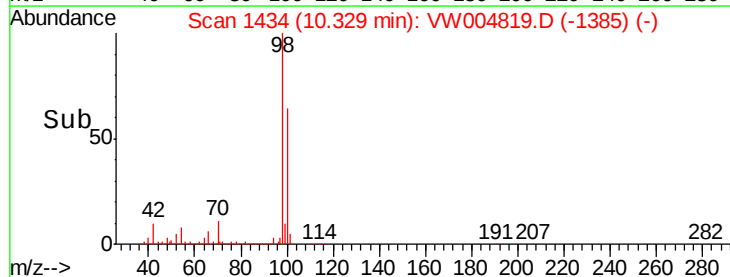
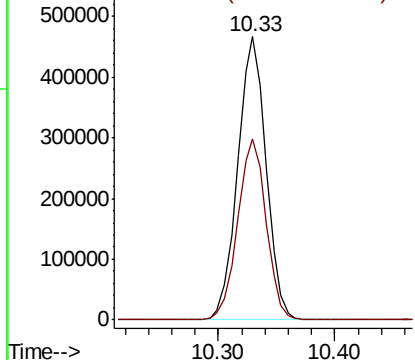


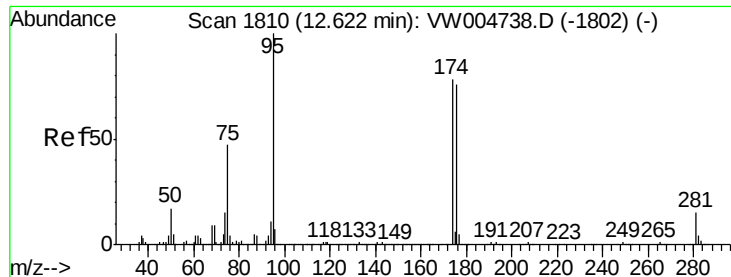
#50
 Toluene-d8
 Concen: 34.94 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004819.D
 Acq: 21 Aug 2018 05:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.8	77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

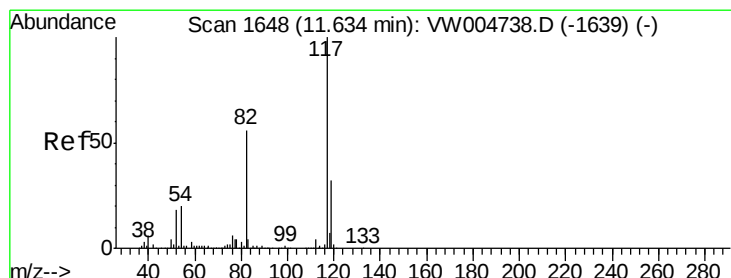
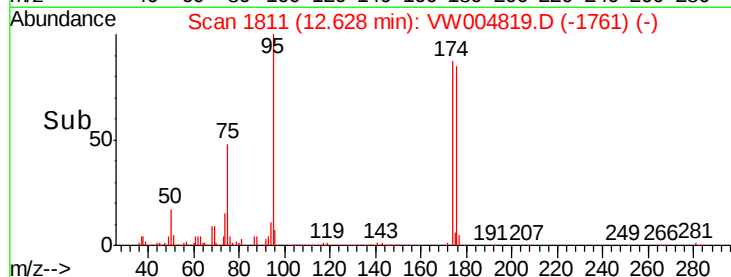
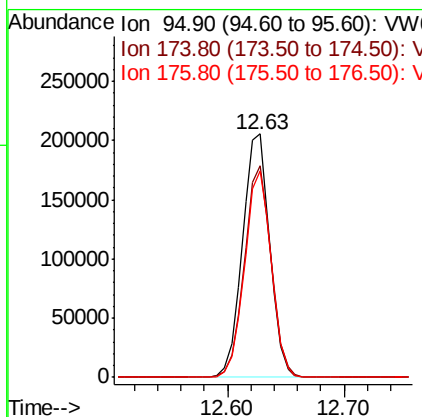
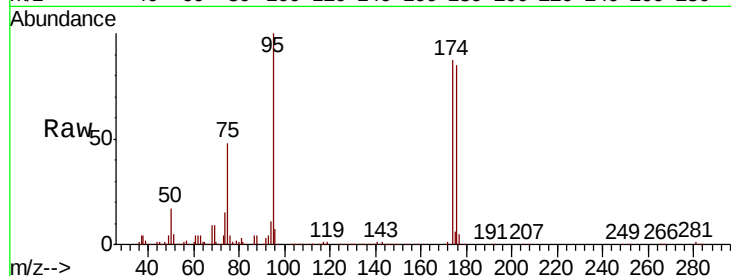




#62
4-Bromofluorobenzene
Concen: 41.13 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004819.D
Acq: 21 Aug 2018 05:01

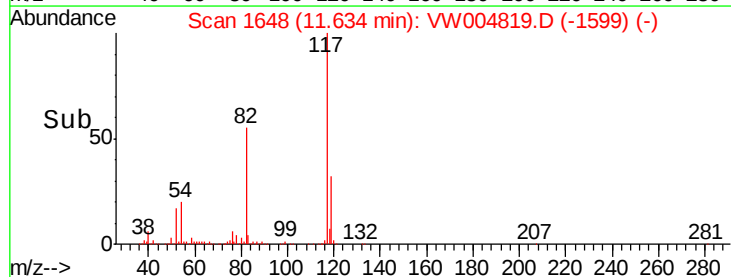
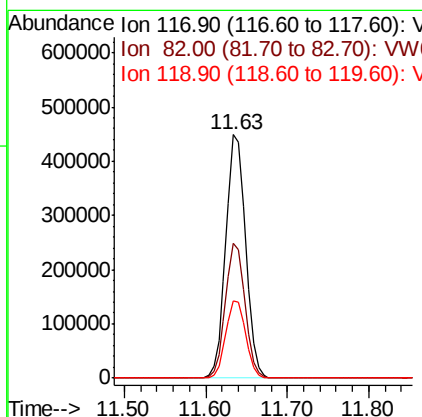
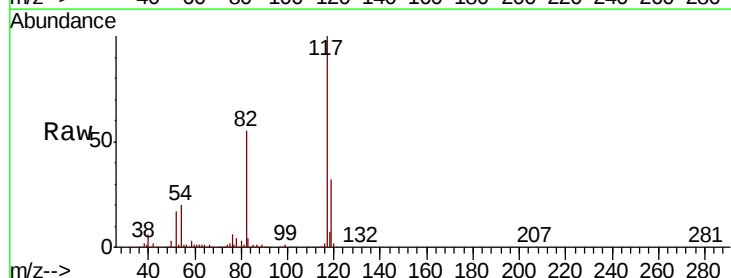
Instrument :
MSVOA_W
ClientSampled :
72-11975

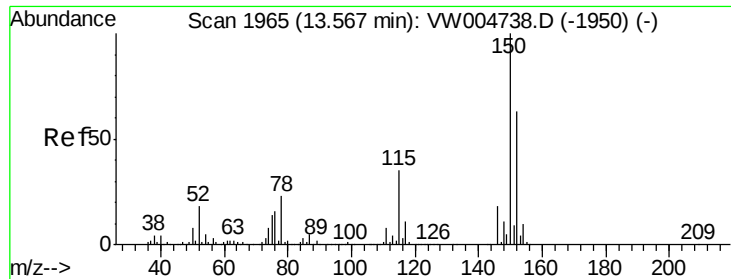
Tot Ion: 95 Resp: 335945
Ion Ratio Lower Upper
95 100
174 85.6 0.0 165.8
176 82.8 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004819.D
Acq: 21 Aug 2018 05:01

Tgt Ion: 117 Resp: 752459
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 31.7 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: VW004819.D

Acq: 21 Aug 2018 05:01

Instrument :

MSVOA_W

ClientSampleId :

72-11975

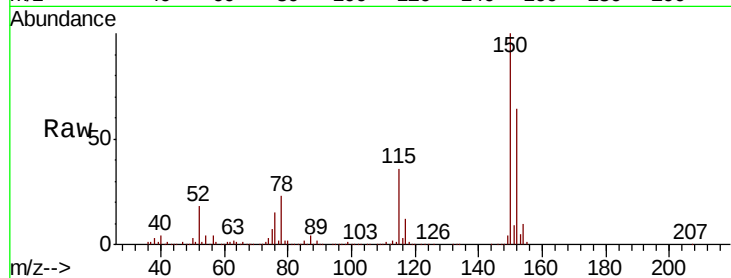
Tot Ion:152 Resp: 357313

Ion Ratio Lower Upper

152 100

115 56.7 28.5 85.5

150 154.6 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

