

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012519\
 Data File : VW008414.D
 Acq On : 25 Jan 2019 16:34
 Operator : SY/VA
 Sample : K1238-21
 Misc : 6.38G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S3

Quant Time: Jan 28 03:42:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

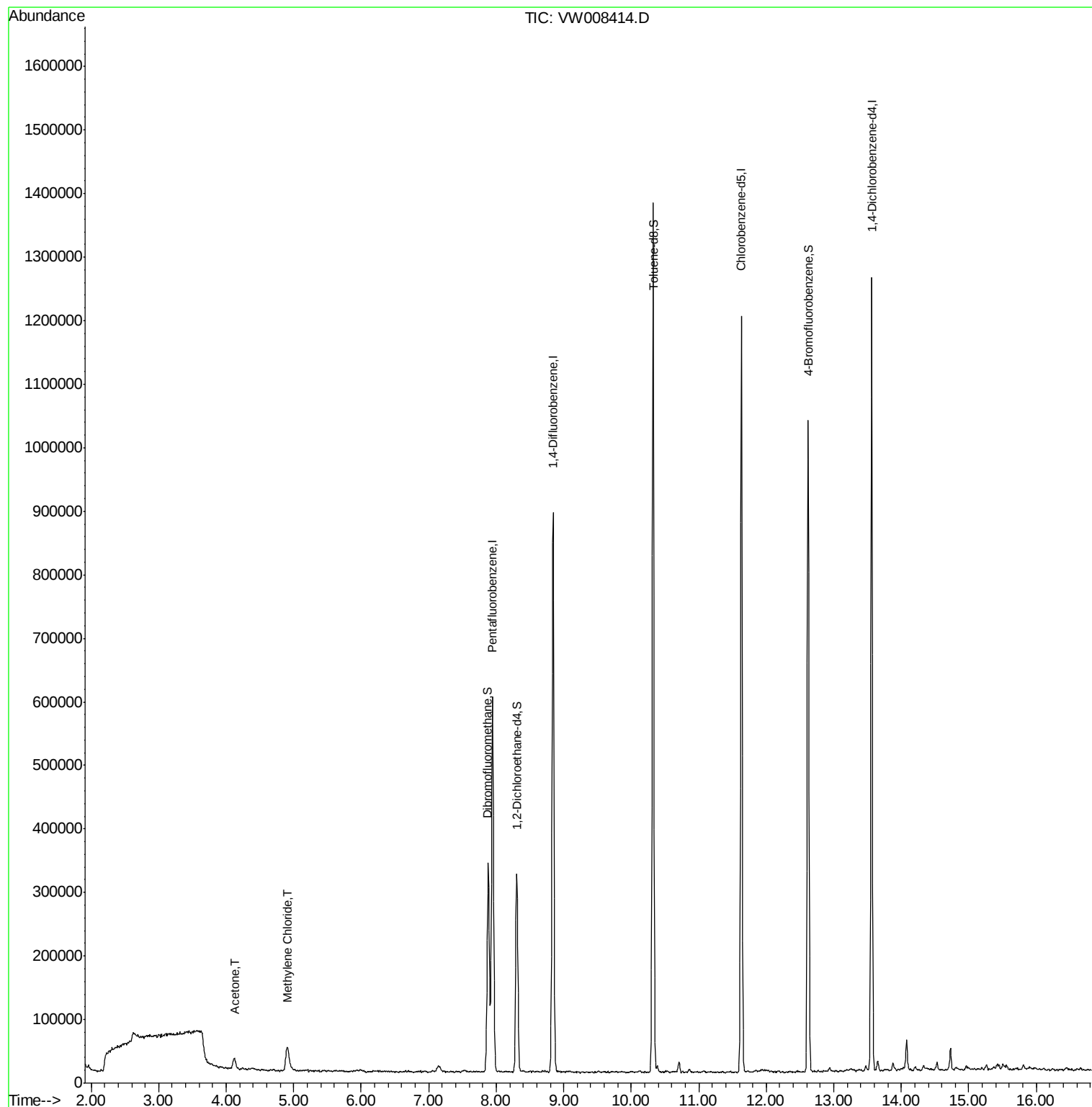
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	470437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	745694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	672050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	324222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	242575	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
35) Dibromofluoromethane	7.88	113	233594	53.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.14%	
50) Toluene-d8	10.32	98	890877	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.62	95	329088	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
Target Compounds						
16) Acetone	4.12	43	32387	31.206	ug/l	98
20) Methylene Chloride	4.91	84	33273	6.956	ug/l	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008414.D

Acq: 25 Jan 2019 16:34

Instrument :

MSVOA_W

ClientSampled :

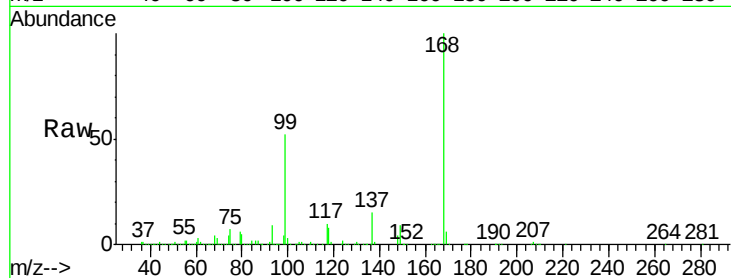
S3

Tot Ion:168 Resp: 470437

Ion Ratio Lower Upper

168 100

99 52.4 45.5 68.3



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

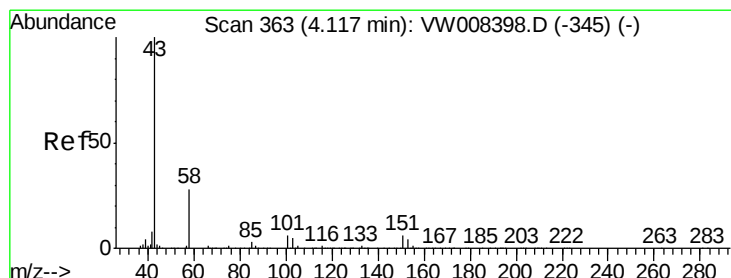
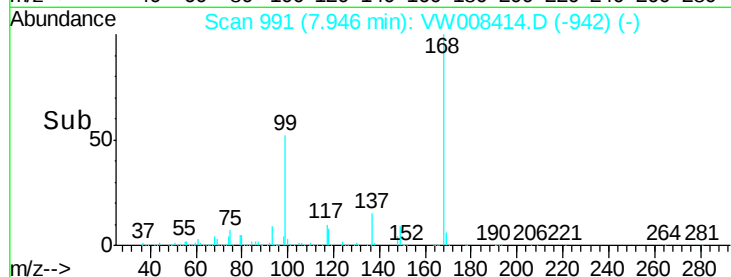
Time-->

7.80

7.90

8.00

8.10



#16

Acetone

Concen: 31.206 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008414.D

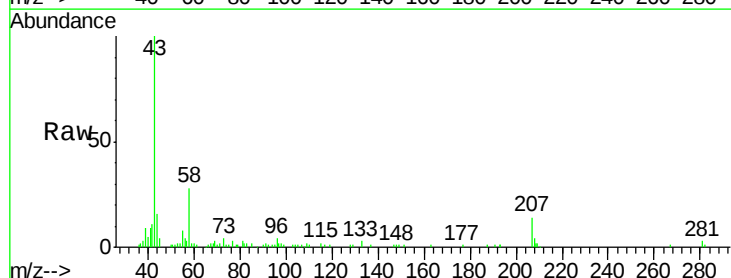
Acq: 25 Jan 2019 16:34

Tgt Ion: 43 Resp: 32387

Ion Ratio Lower Upper

43 100

58 29.4 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

10000

5000

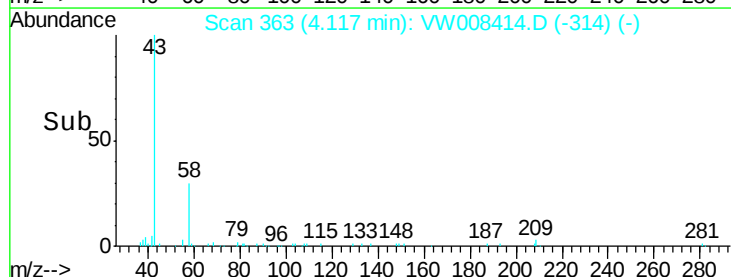
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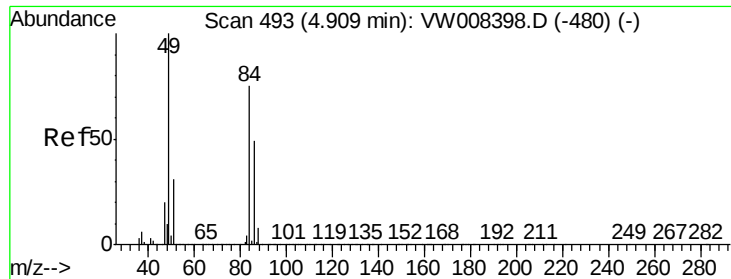
Time-->

4.00

4.10

4.20

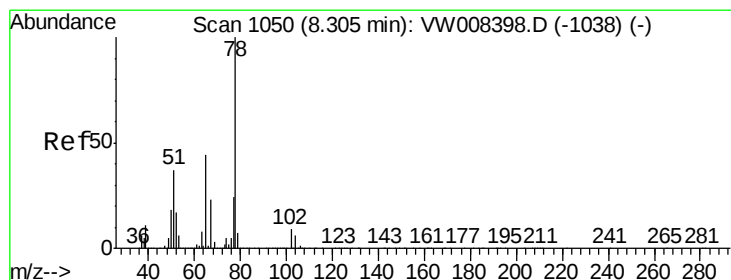
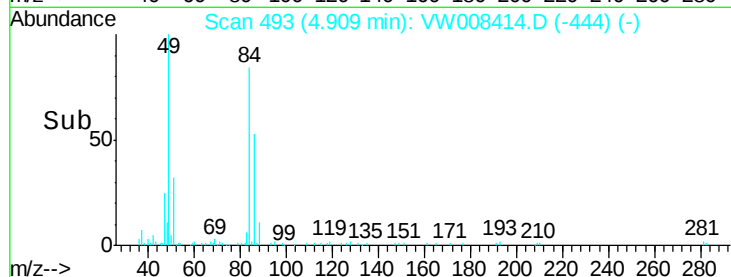
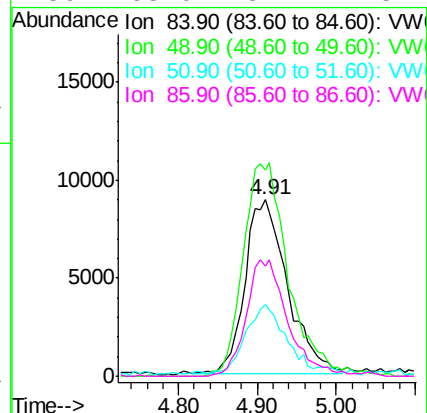
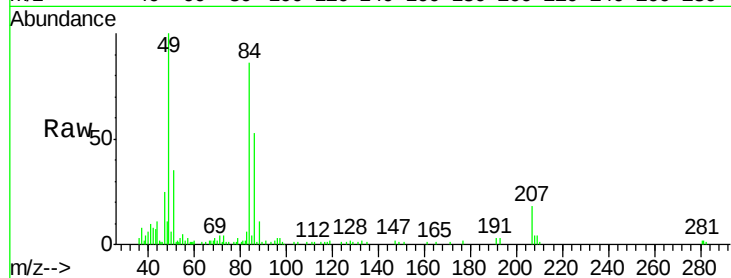




#20
Methylene Chloride
Concen: 6.956 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008414.D
Acq: 25 Jan 2019 16:34

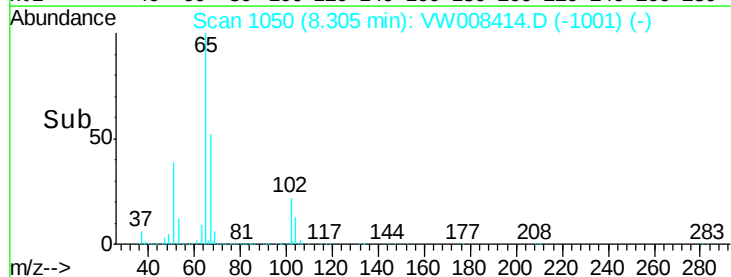
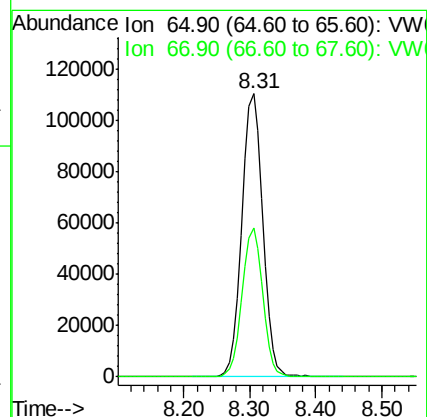
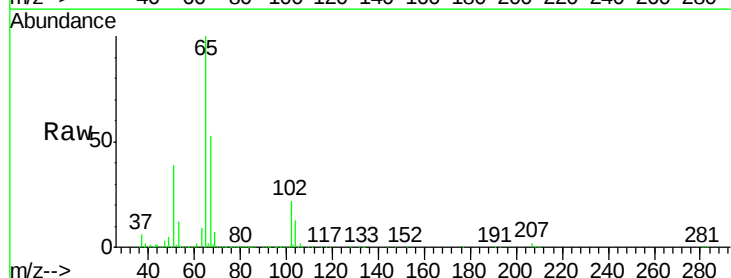
Instrument :
MSVOA_W
ClientSampled :
S3

Tot Ion: 84 Resp: 33273
Ion Ratio Lower Upper
84 100
49 118.3 106.8 160.2
51 38.6 32.9 49.3
86 63.0 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 52.487 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008414.D
Acq: 25 Jan 2019 16:34

Tgt Ion: 65 Resp: 242575
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0

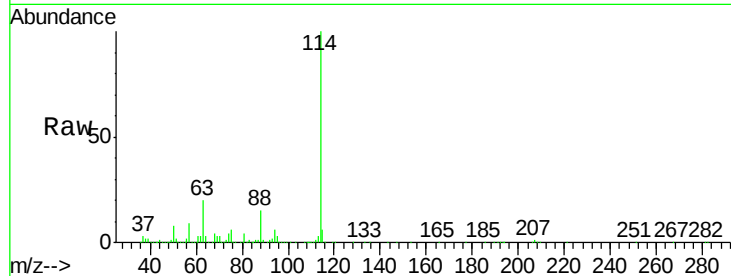




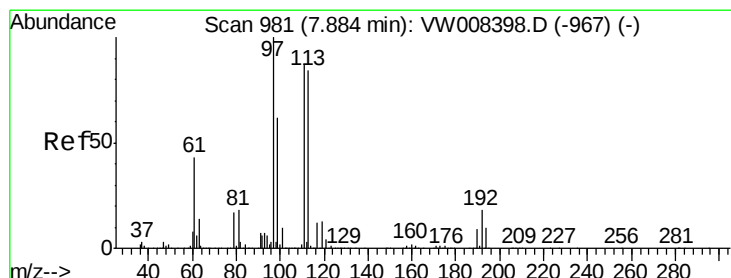
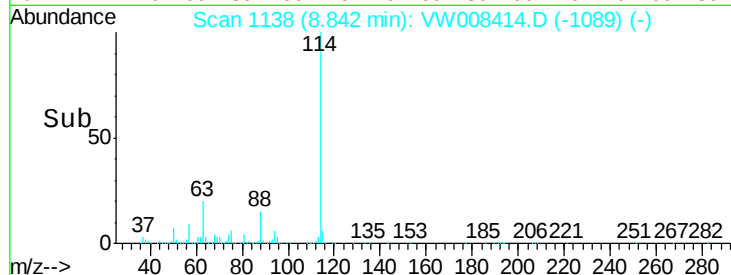
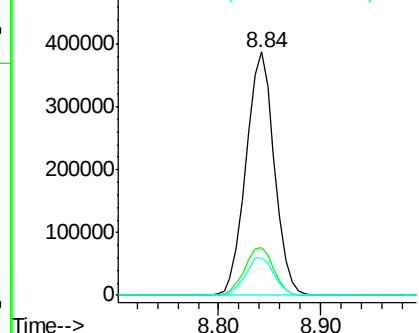
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008414.D
Acq: 25 Jan 2019 16:34

Instrument :
MSVOA_W
ClientSampled :
S3

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	43.6
88	15.2	0.0	31.8

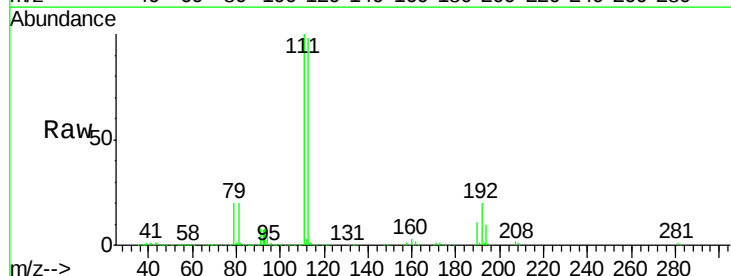


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

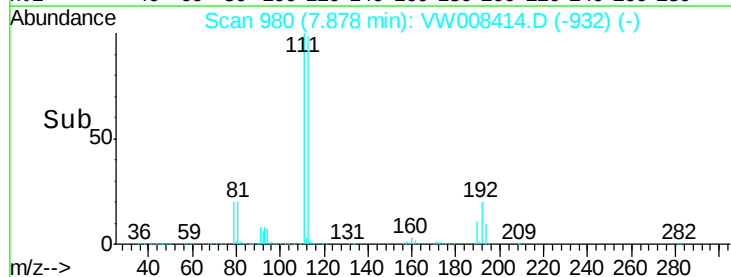
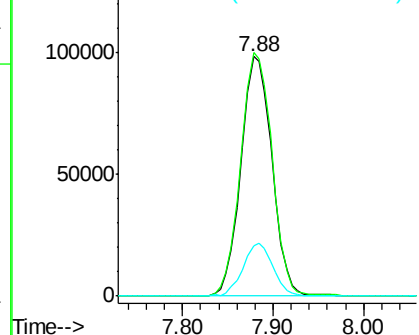


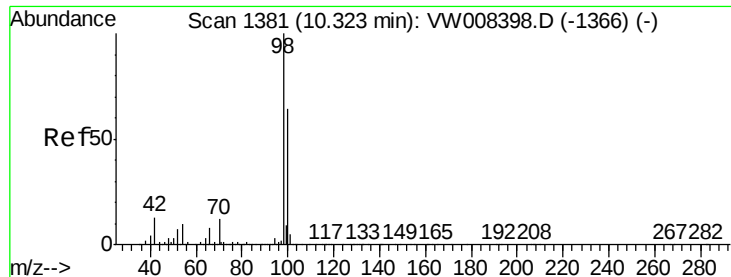
#35
Dibromofluoromethane
Concen: 53.573 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008414.D
Acq: 25 Jan 2019 16:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.0	121.4
192	21.4	16.8	25.2



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: 50.951 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008414.D

Acq: 25 Jan 2019 16:34

Instrument :

MSVOA_W

ClientSampled :

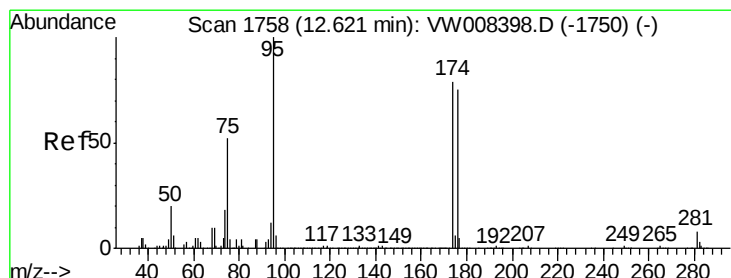
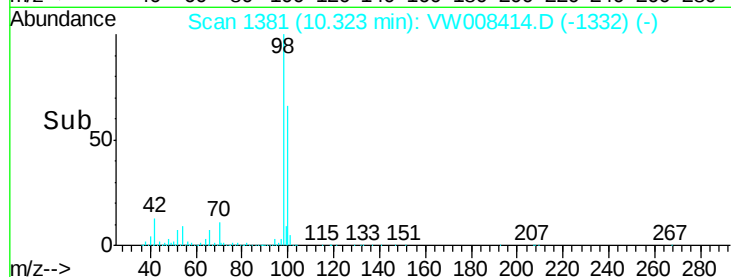
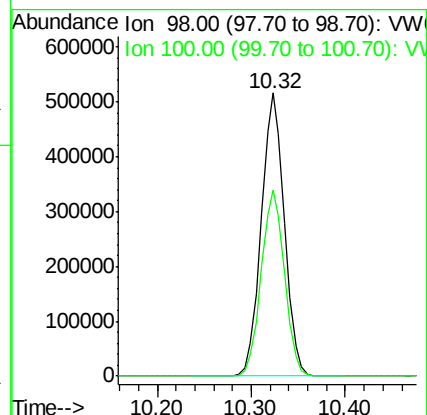
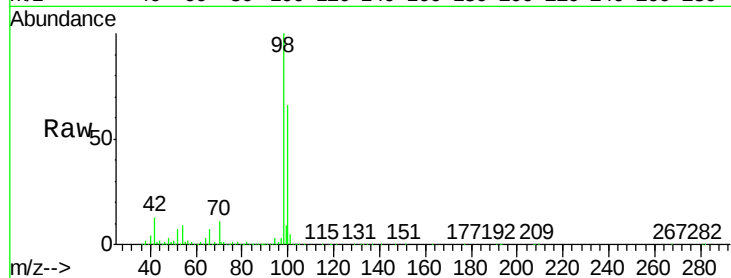
S3

Tot Ion: 98 Resp: 890877

Ion Ratio Lower Upper

98 100

100 66.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 48.964 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008414.D

Acq: 25 Jan 2019 16:34

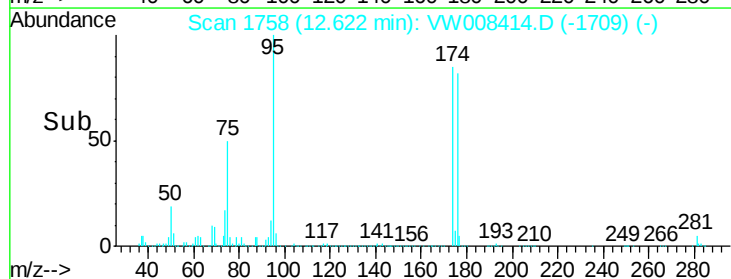
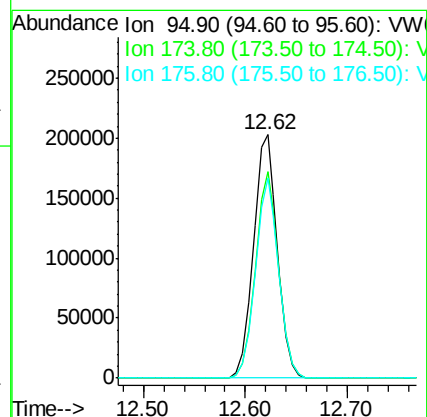
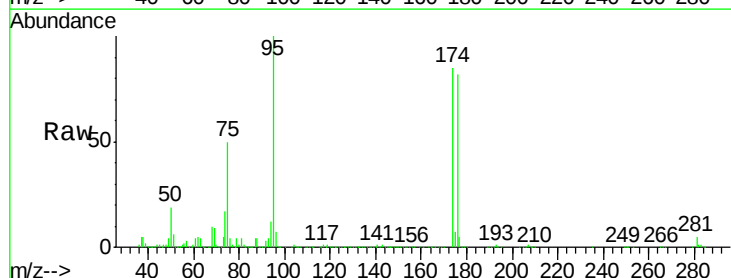
Tgt Ion: 95 Resp: 329088

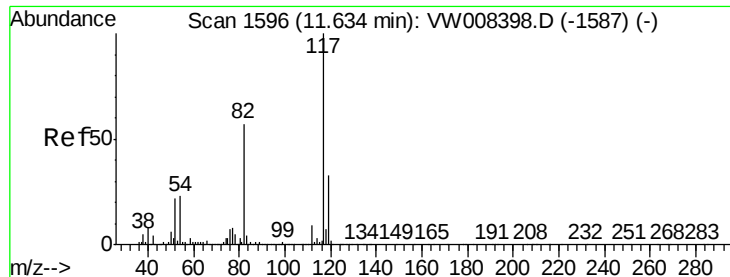
Ion Ratio Lower Upper

95 100

174 82.3 0.0 157.6

176 80.1 0.0 151.8

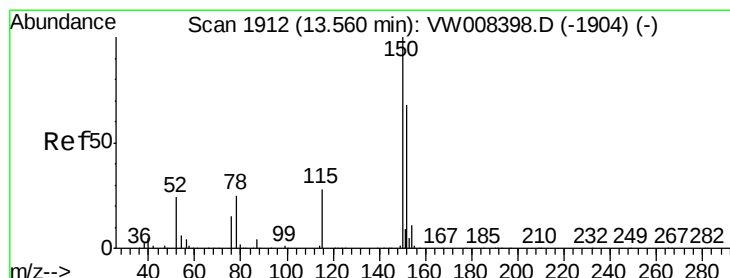
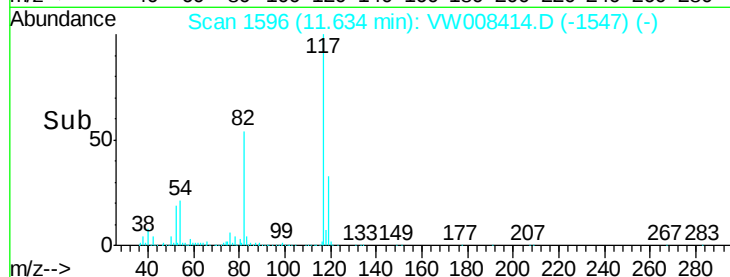
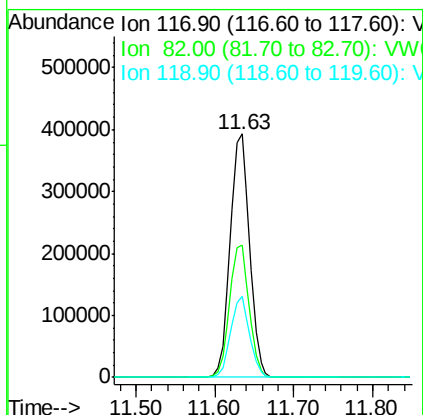
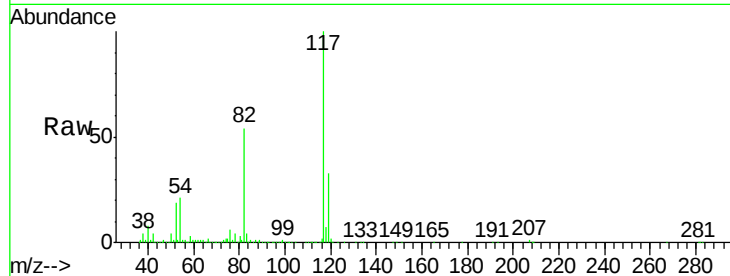




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008414.D
Acq: 25 Jan 2019 16:34

Instrument :
MSVOA_W
ClientSampled :
S3

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.4	68.0
119	33.1	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008414.D
Acq: 25 Jan 2019 16:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.9	89.7
150	156.1	0.0	351.4

