

Data File : VW009027.D
Acq On : 06 Mar 2019 20:37
Operator : SY/VA
Sample : K1760-07
Misc : 3.90G/5ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
Z2-9

Quant Time: Mar 07 07:55:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:22:06 2019
Response via : Initial Calibration

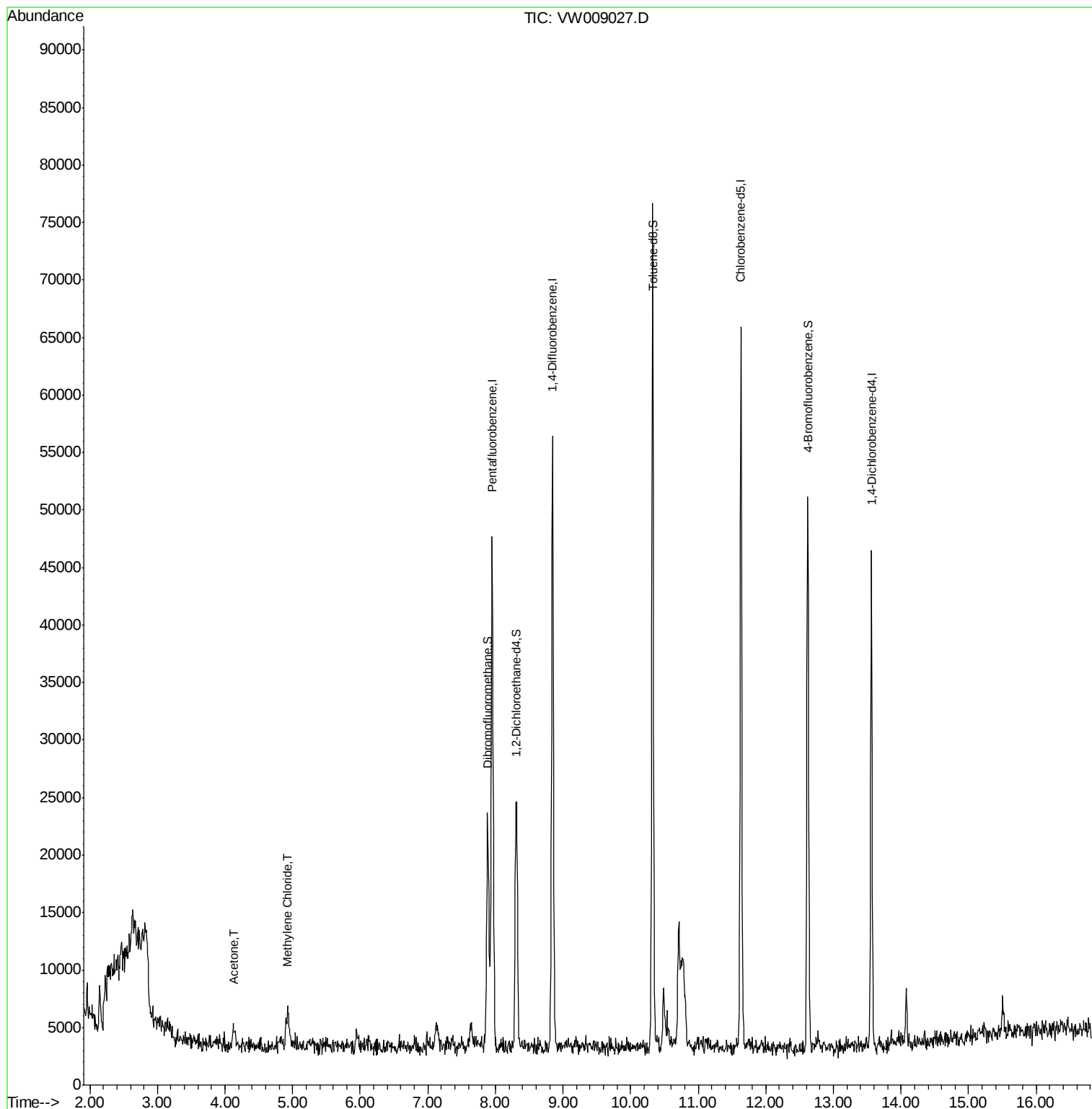
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	29609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	40470	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	33316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	11112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	16691	56.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.38%	
35) Dibromofluoromethane	7.89	113	13606	55.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.70%	
50) Toluene-d8	10.32	98	47485	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
62) 4-Bromofluorobenzene	12.62	95	13010	33.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.30%	
Target Compounds						
16) Acetone	4.14	43	3221	52.793	ug/l	91
20) Methylene Chloride	4.92	84	2284	5.470	ug/l	84

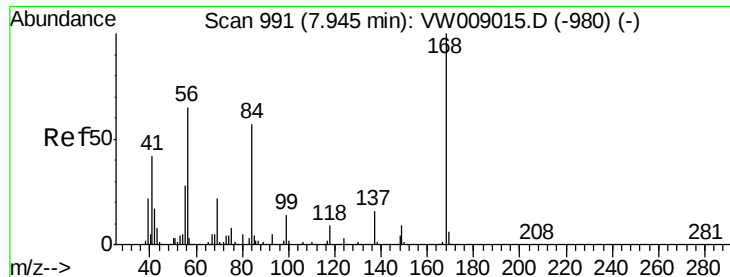
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

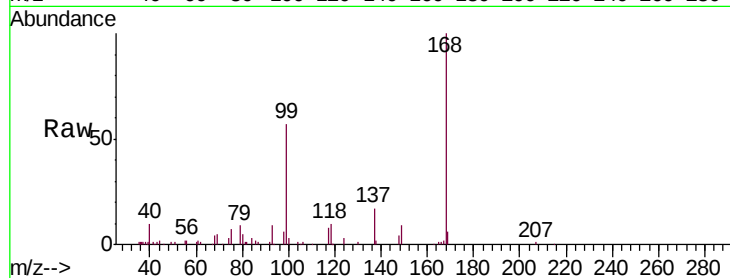
Z2-9

Tgt Ion:168 Resp: 29609

Ion Ratio Lower Upper

168 100

99 56.7 43.5 65.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

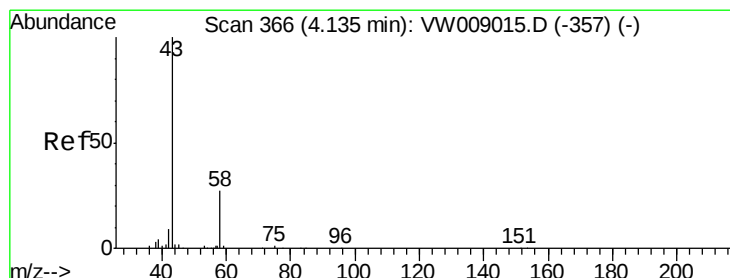
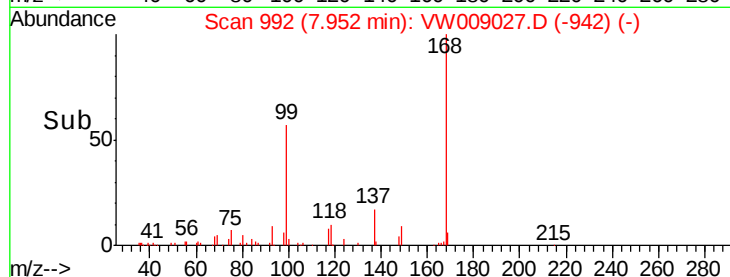
15000

10000

5000

0

Time-->



#16

Acetone

Concen: 52.793 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW009027.D

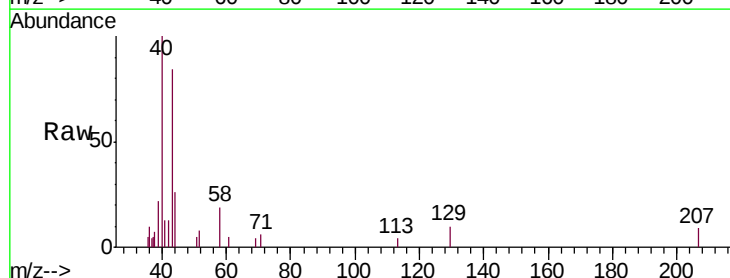
Acq: 06 Mar 2019 20:37

Tgt Ion: 43 Resp: 3221

Ion Ratio Lower Upper

43 100

58 22.1 21.6 32.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1200

1000

800

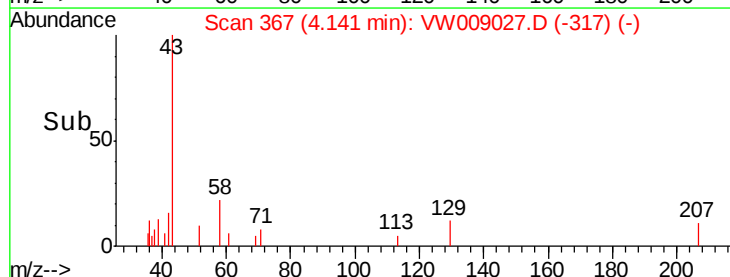
600

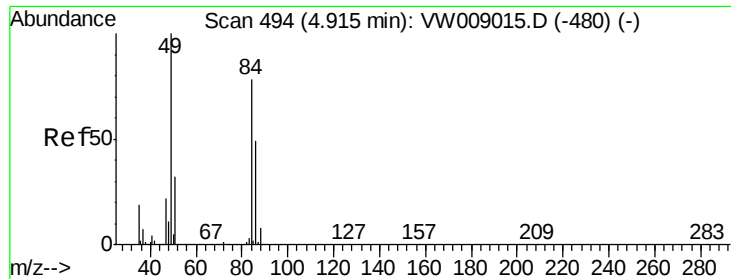
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200

0

Time-->

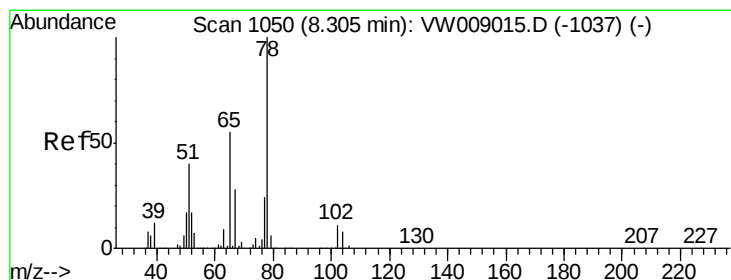
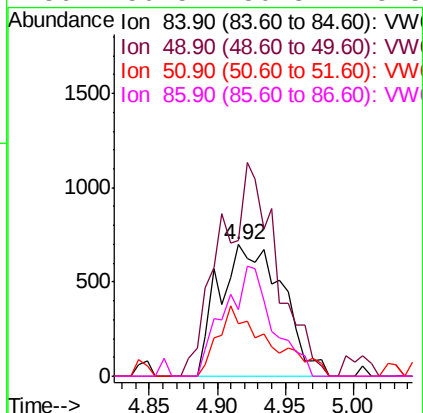
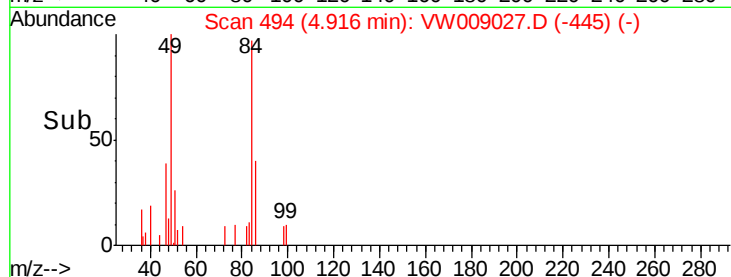
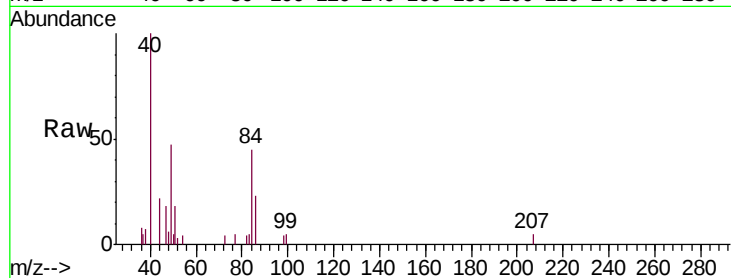




#20
Methylene Chloride
Concen: 5.470 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009027.D
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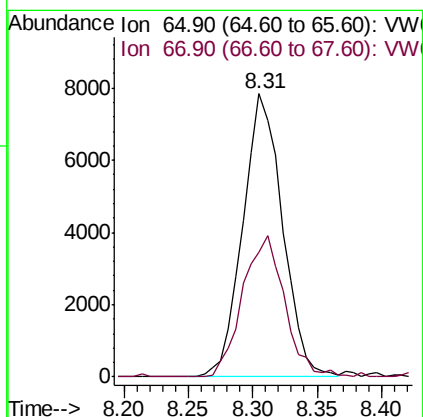
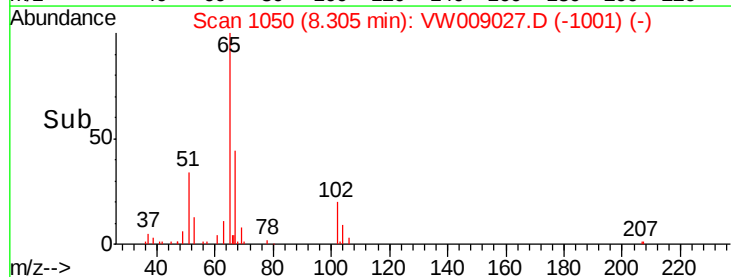
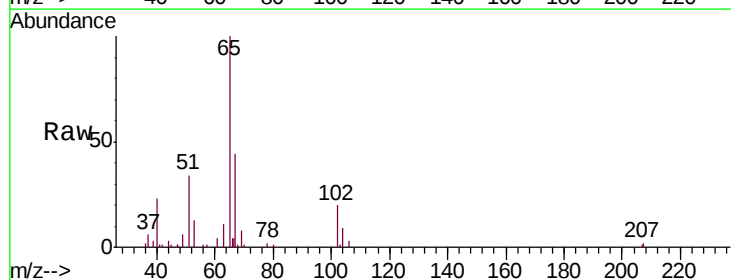
Instrument :
MSVOA_W
ClientSampleId :
Z2-9

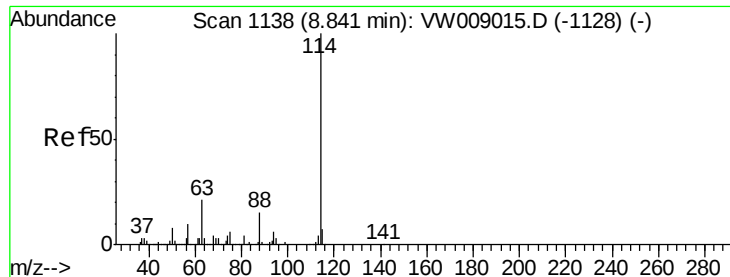
Tgt Ion: 84 Resp: 2284
Ion Ratio Lower Upper
84 100
49 103.4 102.8 154.2
51 40.1 32.4 48.6
86 50.5 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 56.189 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW009027.D
Acq: 06 Mar 2019 20:37

Tgt Ion: 65 Resp: 16691
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.2

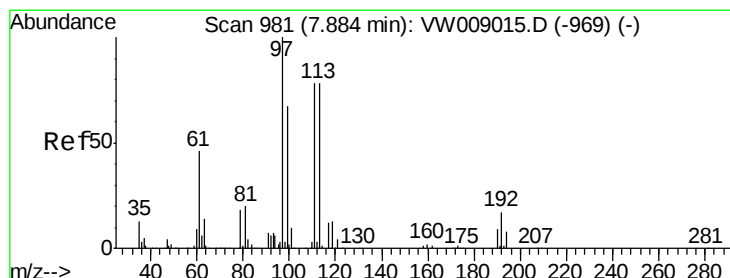
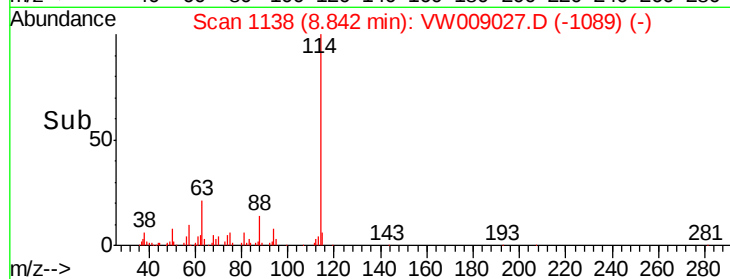
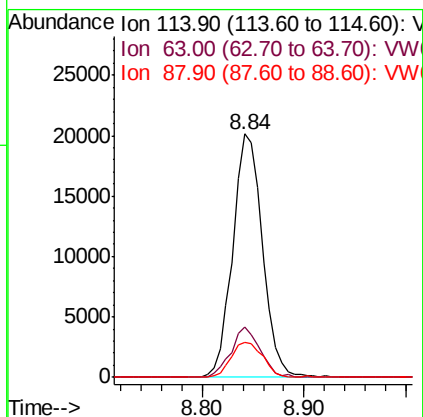
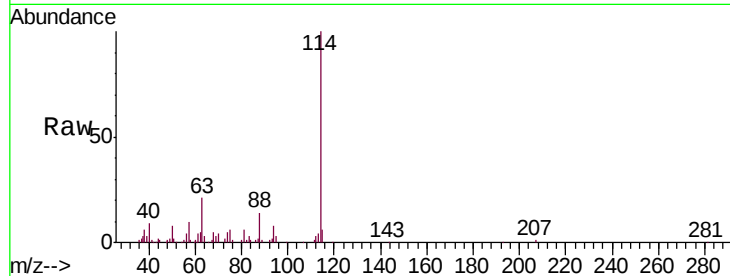




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009027.D
 Acq: 06 Mar 2019 20:37

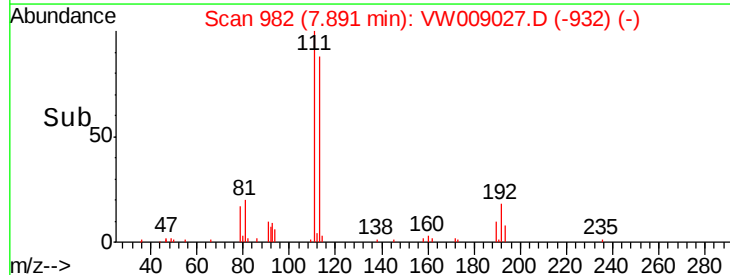
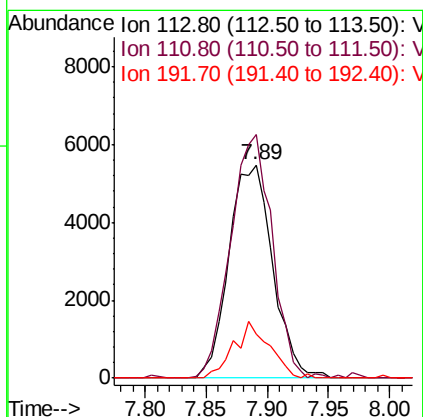
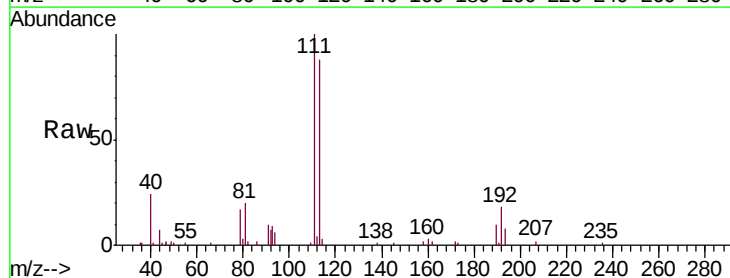
Instrument :
 MSVOA_W
 ClientSampleId :
 Z2-9

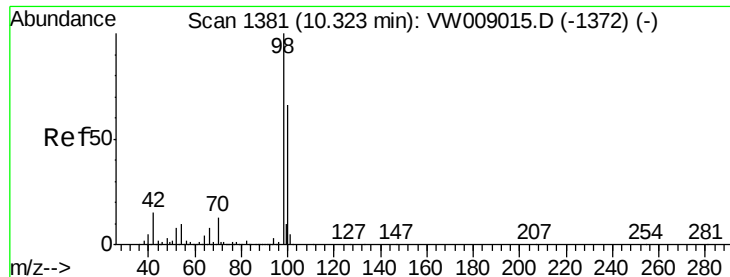
Tgt Ion:114 Resp: 40470
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 14.5 0.0 30.8



#35
 Dibromofluoromethane
 Concen: 55.848 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW009027.D
 Acq: 06 Mar 2019 20:37

Tgt Ion:113 Resp: 13606
 Ion Ratio Lower Upper
 113 100
 111 108.9 80.5 120.7
 192 21.5 16.7 25.1





#50

Toluene-d8

Concen: 47.430 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW009027.D

Acq: 06 Mar 2019 20:37

Instrument :

MSVOA_W

ClientSampleId :

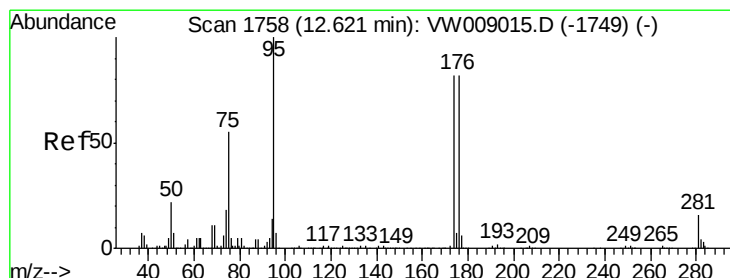
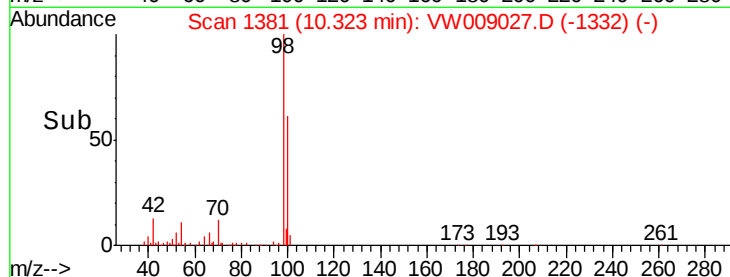
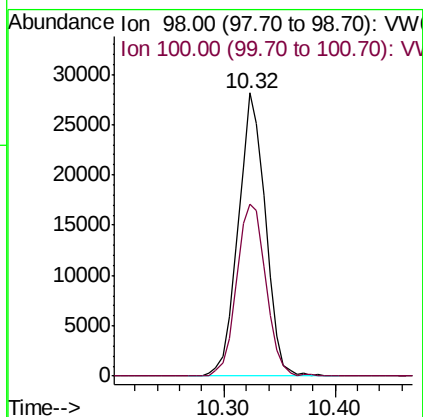
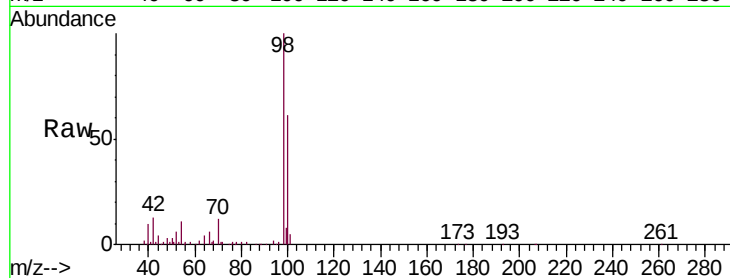
Z2-9

Tgt Ion: 98 Resp: 47485

Ion Ratio Lower Upper

98 100

100 64.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 33.648 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009027.D

Acq: 06 Mar 2019 20:37

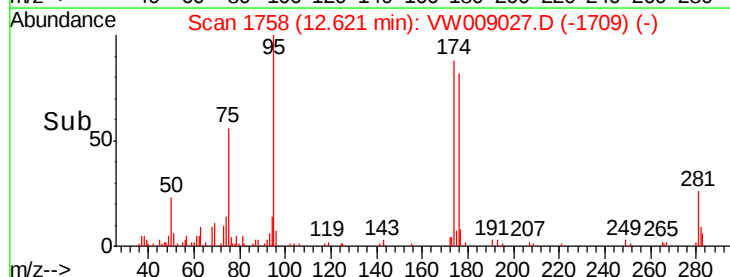
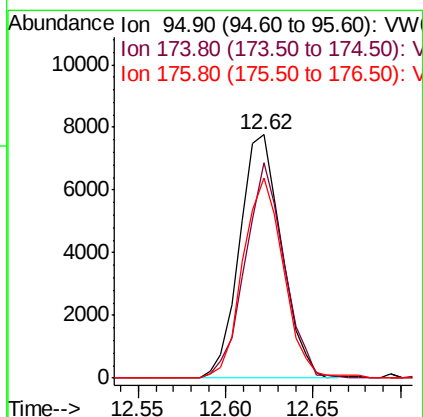
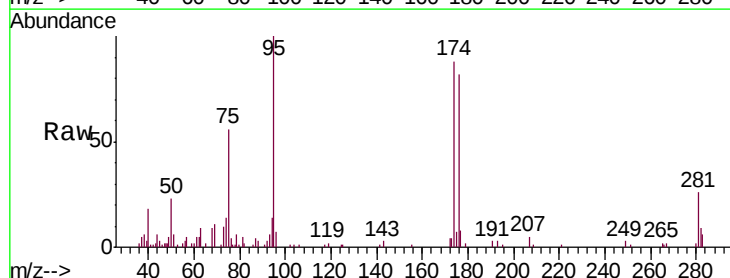
Tgt Ion: 95 Resp: 13010

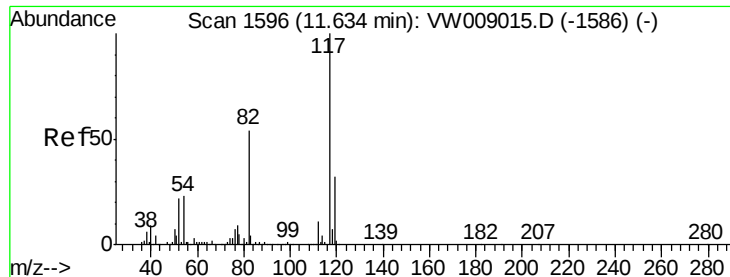
Ion Ratio Lower Upper

95 100

174 82.0 0.0 165.8

176 79.7 0.0 159.8

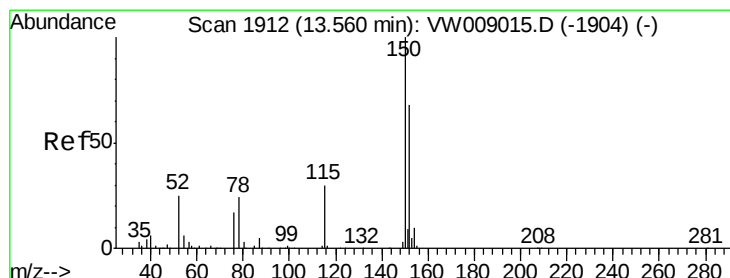
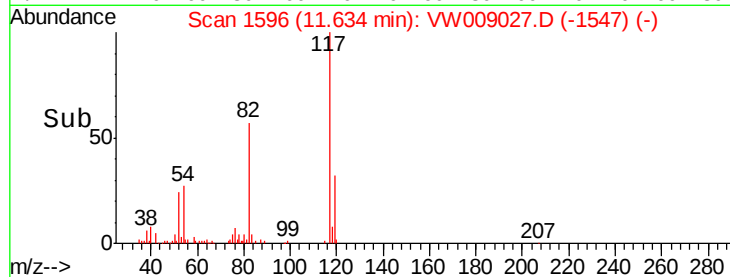
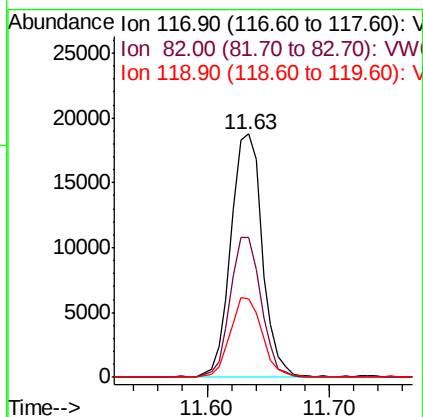
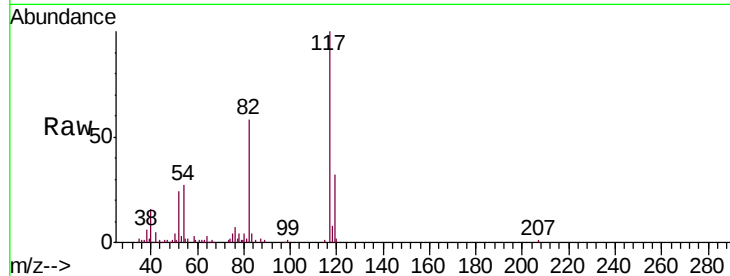




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009027.D
Acq: 06 Mar 2019 20:37

Instrument :
MSVOA_W
ClientSampled :
Z2-9

Tgt Ion:117 Resp: 33316
Ion Ratio Lower Upper
117 100
82 57.6 43.4 65.2
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009027.D
Acq: 06 Mar 2019 20:37

Tgt Ion:152 Resp: 11112
Ion Ratio Lower Upper
152 100
115 57.3 29.3 87.8
150 153.0 0.0 348.6

