

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030519\
 Data File : VW008977.D
 Acq On : 04 Mar 2019 23:17
 Operator : SY/VA
 Sample : K1688-09
 Misc : 6.30G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JC-03-030119-E

Quant Time: Mar 05 07:23:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

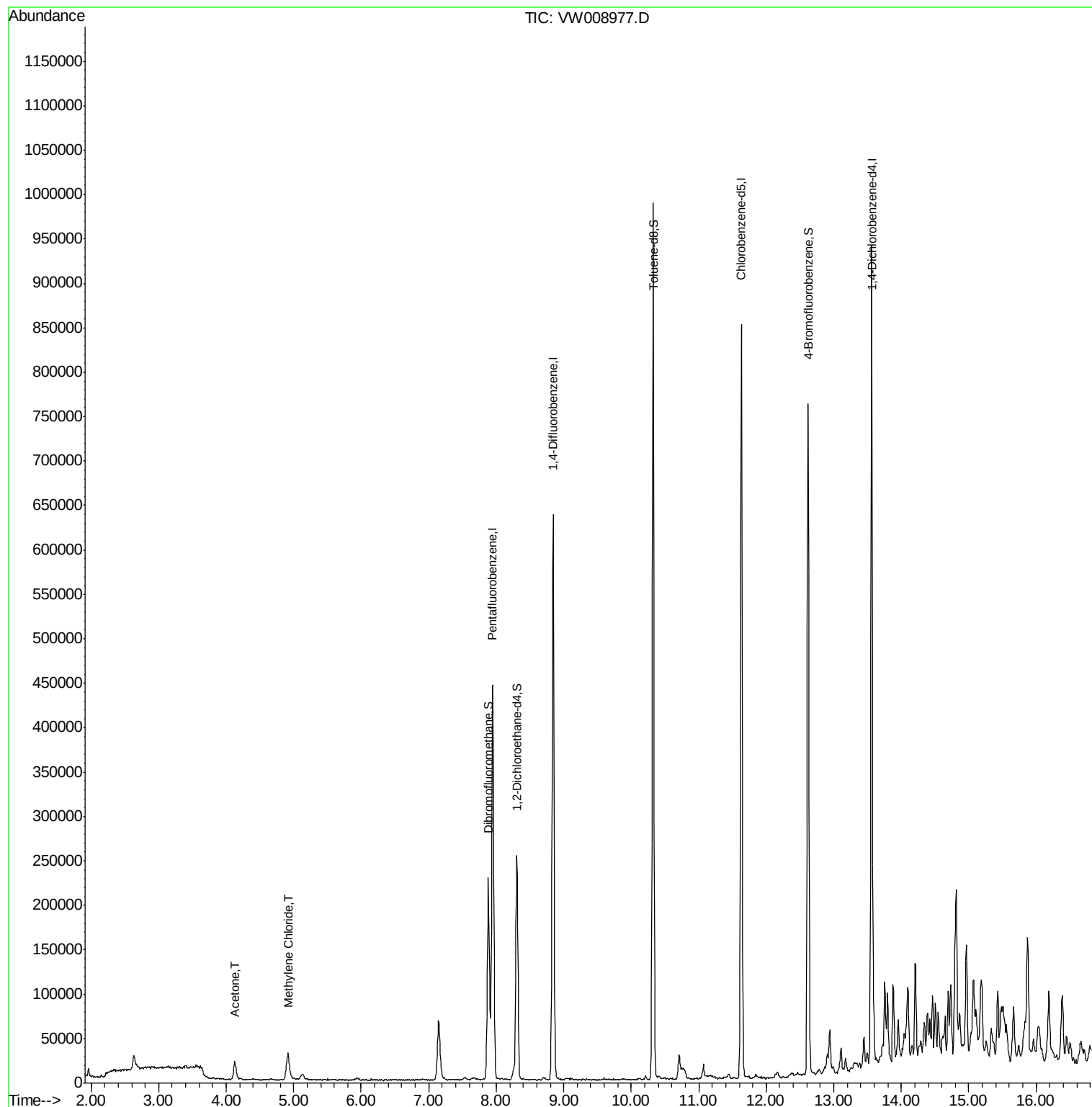
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	331312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	514594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	461610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	228805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	185342	59.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.30%	
35) Dibromofluoromethane	7.88	113	156582	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
50) Toluene-d8	10.32	98	619090	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.62	95	215888	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
Target Compounds						
16) Acetone	4.13	43	35020	48.621	ug/l	95
20) Methylene Chloride	4.92	84	22765	1.456	ug/l	86

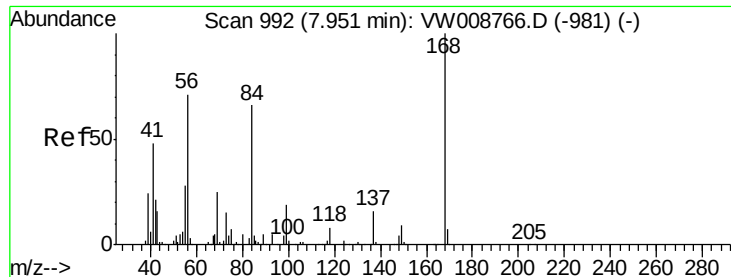
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008977.D

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ClientSampleId :

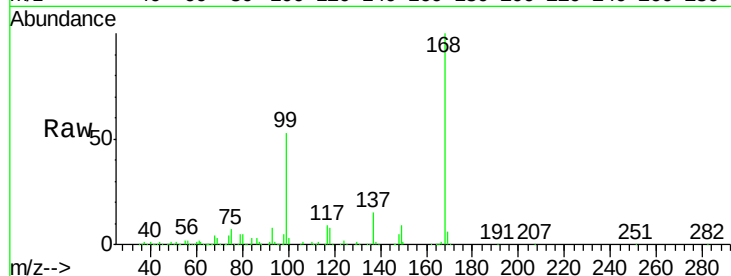
JC-03-030119-E

Tot Ion:168 Resp: 331312

Ion Ratio Lower Upper

168 100

99 53.3 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

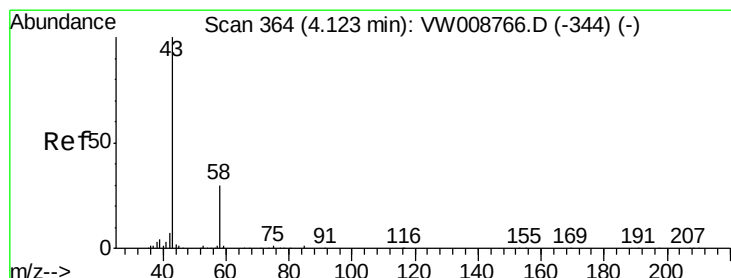
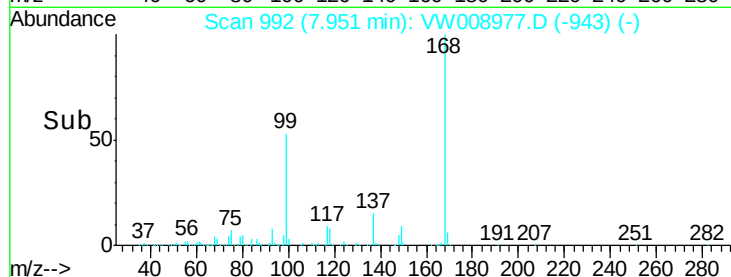
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 48.621 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008977.D

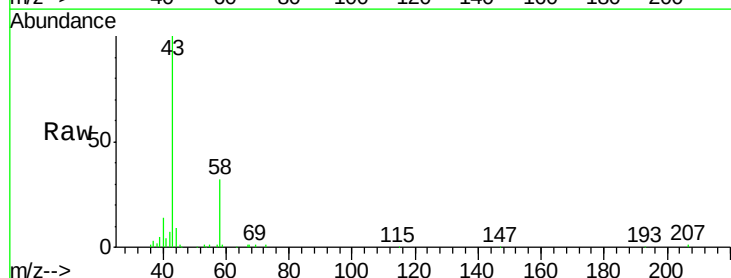
Acq: 04 Mar 2019 23:17

Tgt Ion: 43 Resp: 35020

Ion Ratio Lower Upper

43 100

58 32.6 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

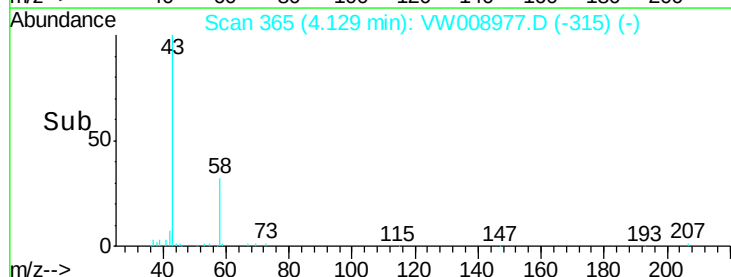
15000

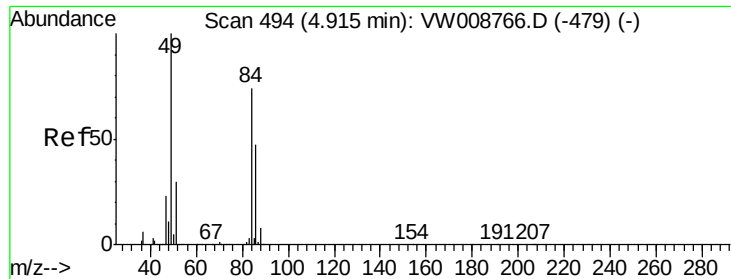
10000

5000

0

Time--> 4.00 4.10 4.20

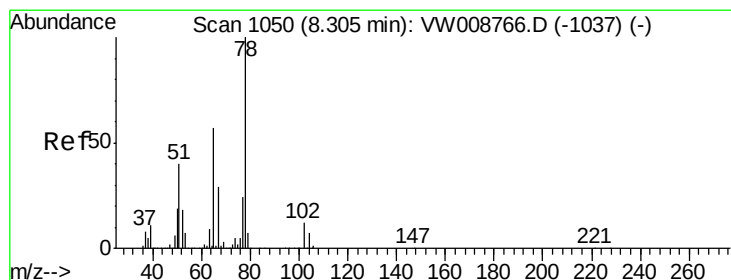
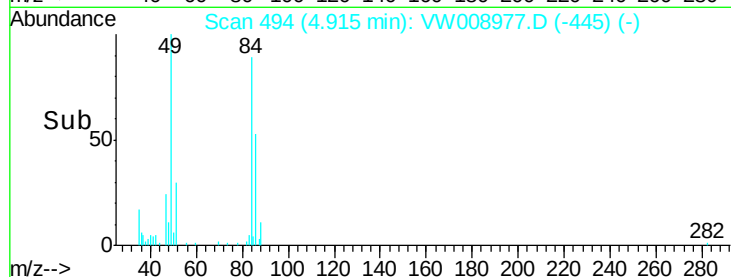
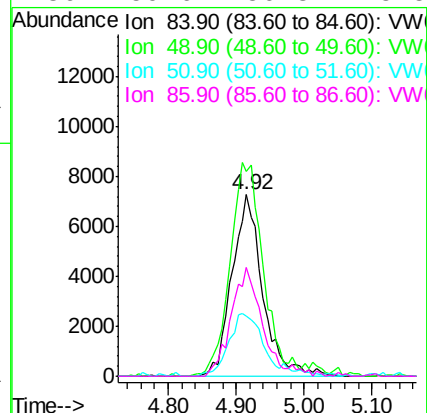
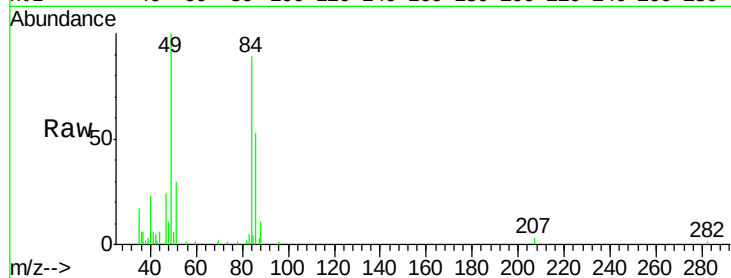




#20
Methylene Chloride
Concen: 1.456 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

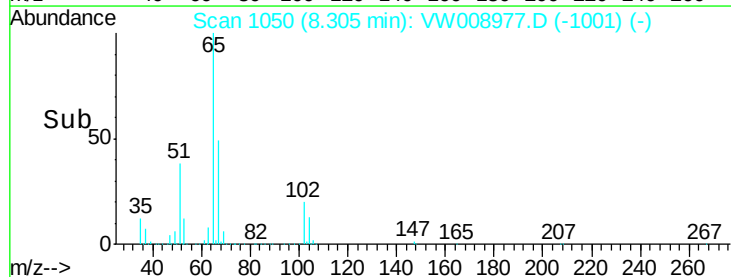
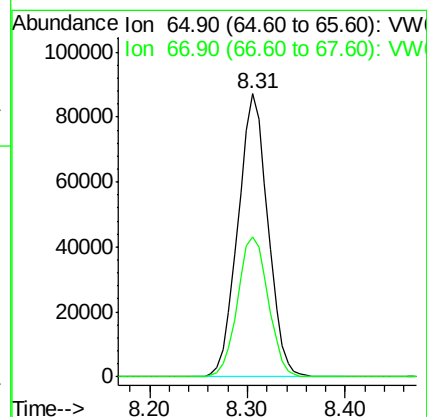
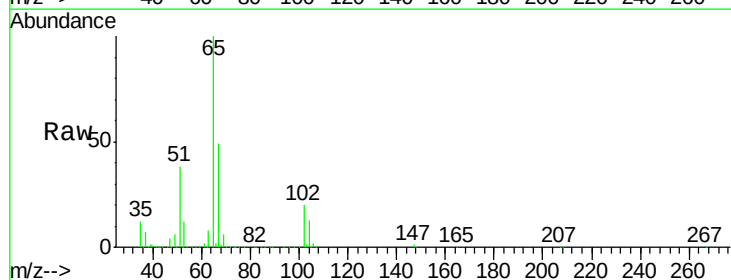
Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-E

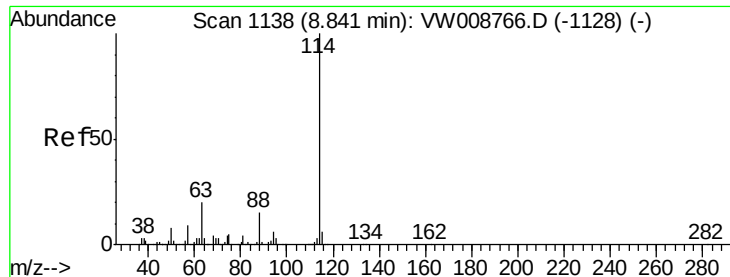
Tot Ion: 84 Resp: 22765
Ion Ratio Lower Upper
84 100
49 111.9 108.2 162.2
51 33.3 32.7 49.1
86 59.6 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 59.645 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

Tgt Ion: 65 Resp: 185342
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.4

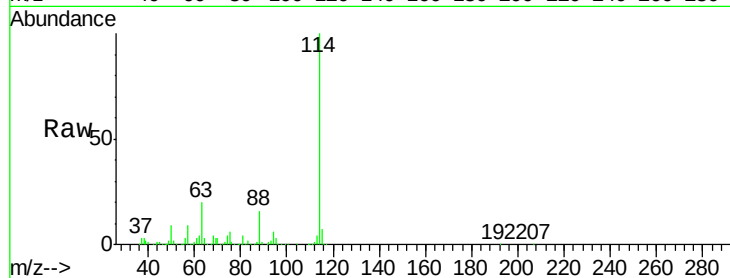




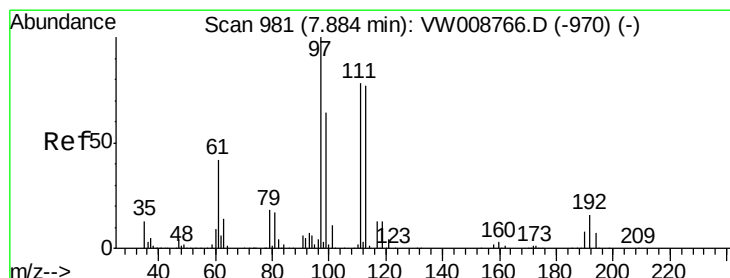
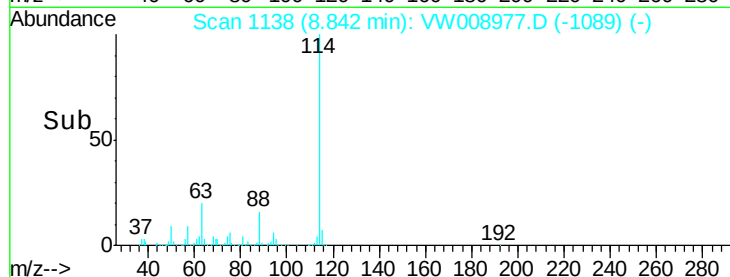
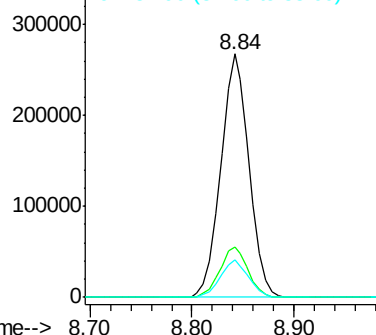
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-E

Tot Ion:114 Resp: 514594
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.6 0.0 30.4

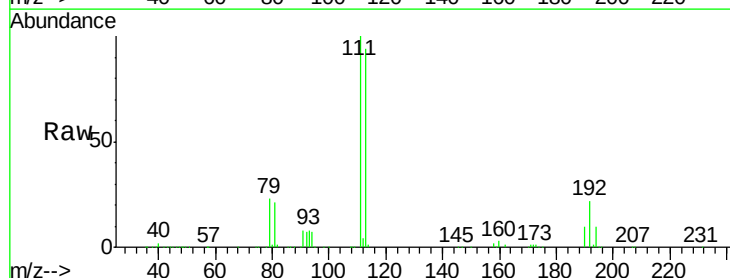


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VV
Ion 87.90 (87.60 to 88.60): VV

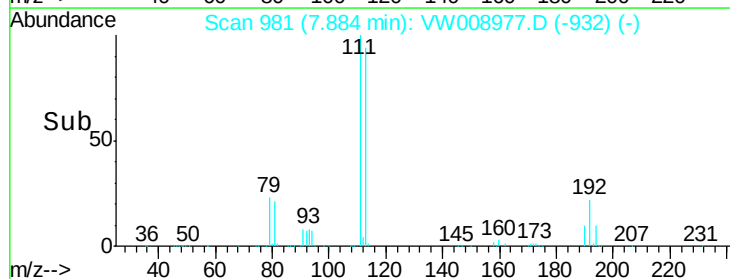
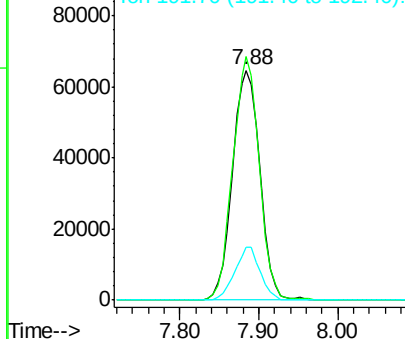


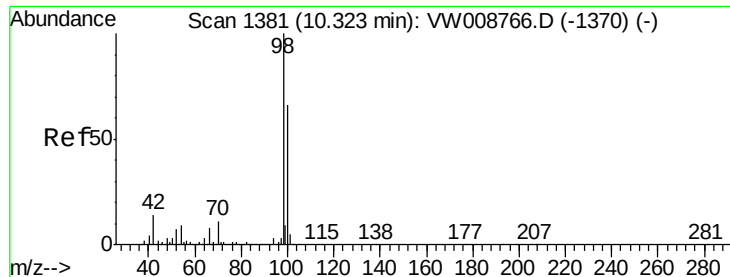
#35
Dibromofluoromethane
Concen: 50.679 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

Tgt Ion:113 Resp: 156582
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 21.3 17.1 25.7



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: 51.906 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008977.D

Acq: 04 Mar 2019 23:17

Instrument :

MSVOA_W

ClientSampleId :

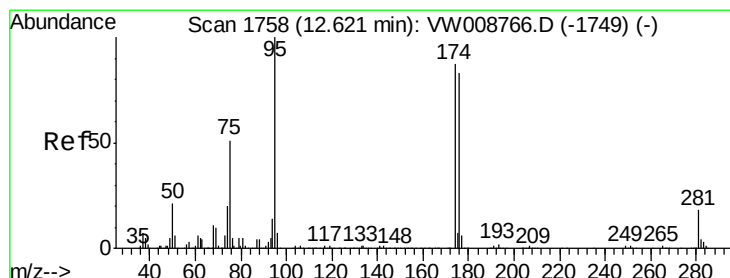
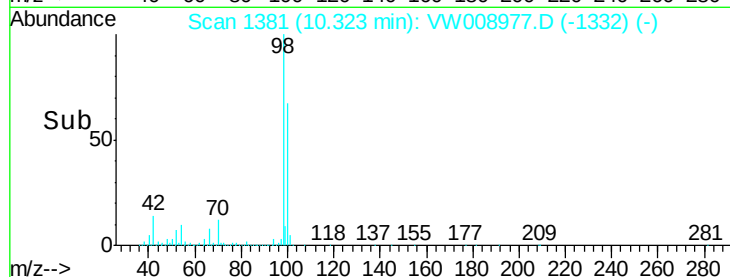
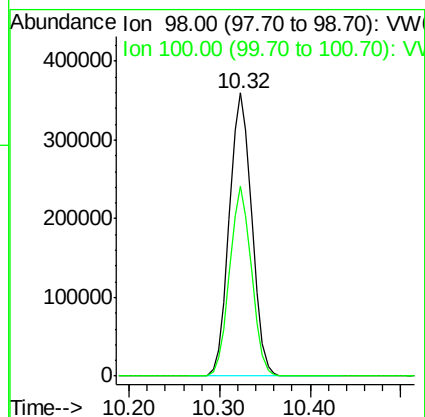
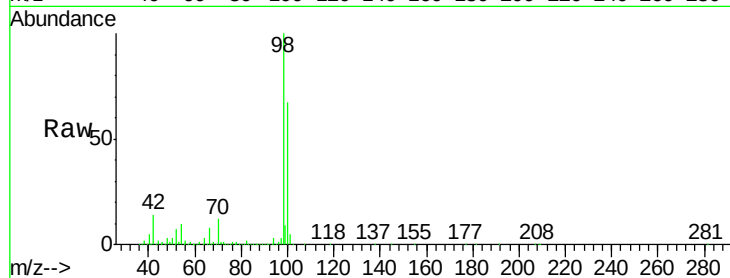
JC-03-030119-E

Tot Ion: 98 Resp: 619090

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 46.229 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008977.D

Acq: 04 Mar 2019 23:17

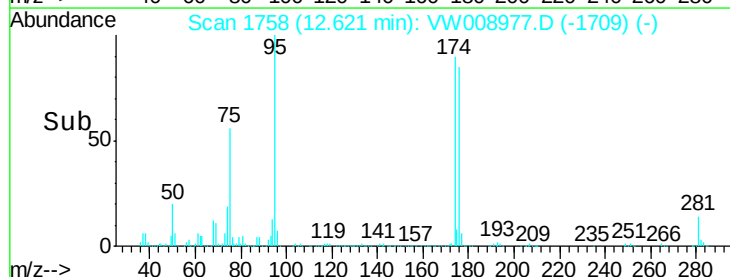
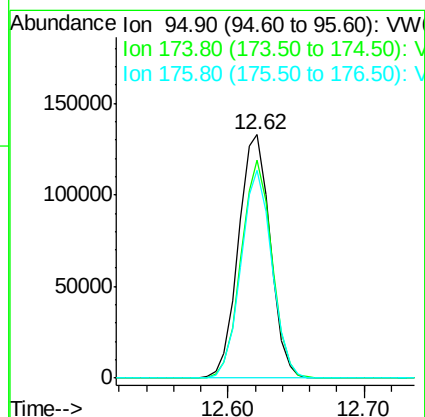
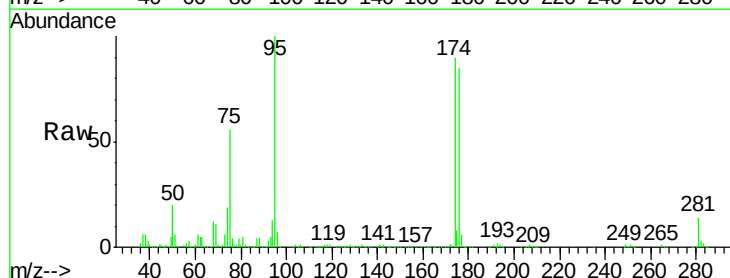
Tgt Ion: 95 Resp: 215888

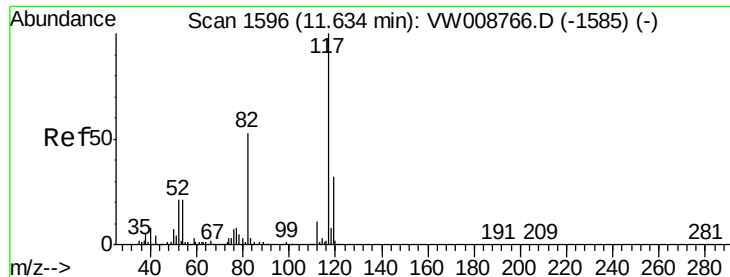
Ion Ratio Lower Upper

95 100

174 87.3 0.0 169.2

176 83.4 0.0 163.6

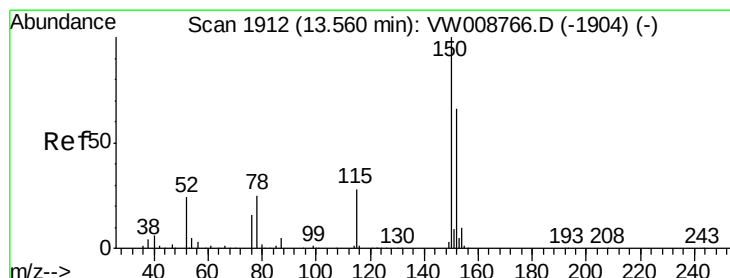
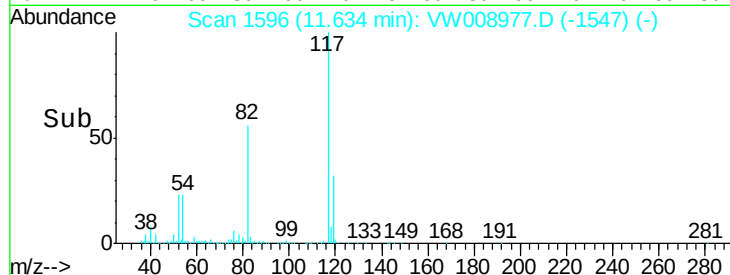
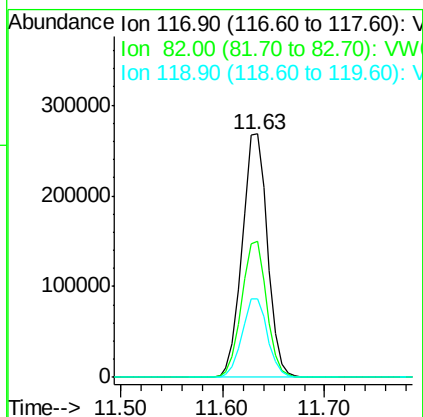
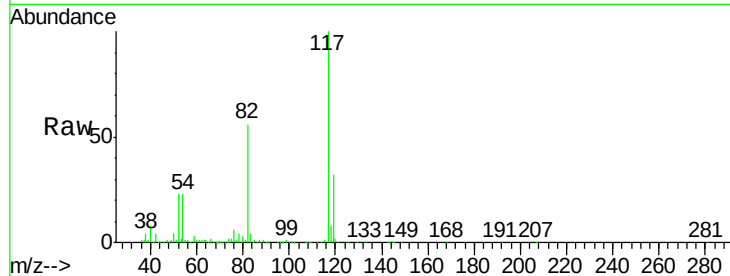




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-E

Tot Ion:117 Resp: 461610
Ion Ratio Lower Upper
117 100
82 55.7 42.2 63.4
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008977.D
Acq: 04 Mar 2019 23:17

Tgt Ion:152 Resp: 228805
Ion Ratio Lower Upper
152 100
115 57.7 28.6 85.8
150 155.4 0.0 348.0

