

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009269.D
 Acq On : 20 Mar 2019 06:00
 Operator : SY/VA
 Sample : K1984-06
 Misc : 5.46G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13(13.5-14.5)

Quant Time: Mar 20 09:05:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 07:22:50 2019
 Response via : Initial Calibration

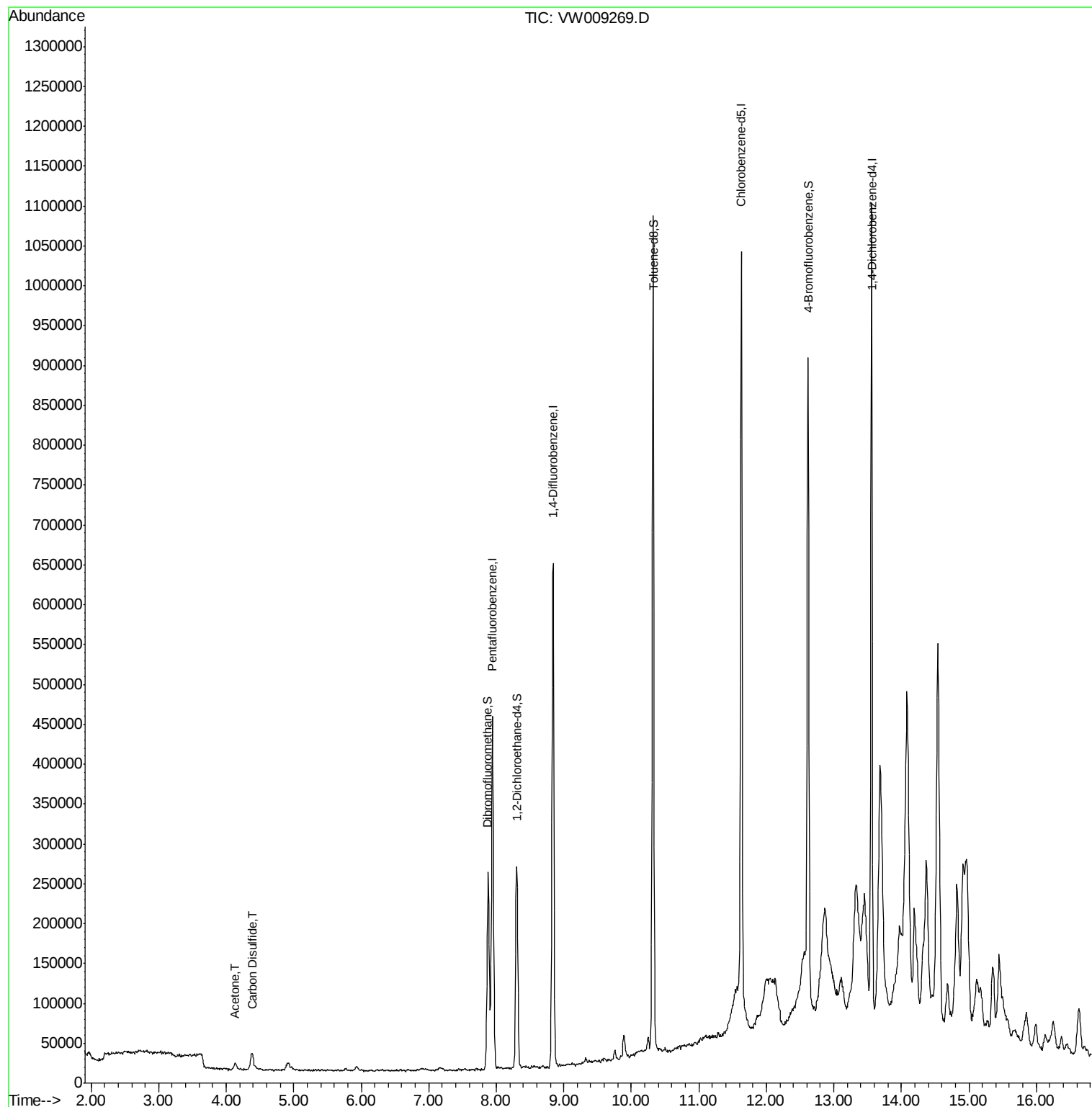
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	313408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	514704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	492315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	202986	60.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.78%	
35) Dibromofluoromethane	7.88	113	169036	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
50) Toluene-d8	10.32	98	648726	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
62) 4-Bromofluorobenzene	12.62	95	267813	61.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.94%	
Target Compounds						
16) Acetone	4.14	43	13986	20.449	ug/l	97
17) Carbon Disulfide	4.38	76	48244	5.786	ug/l #	91

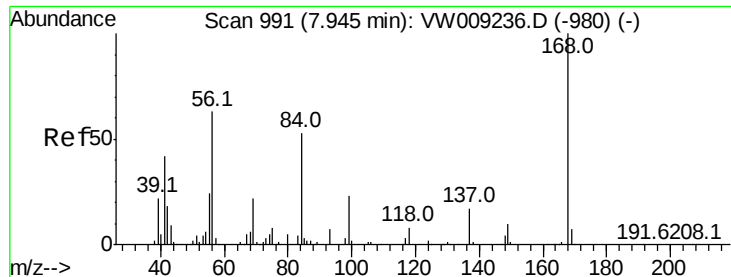
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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MSVOA_W

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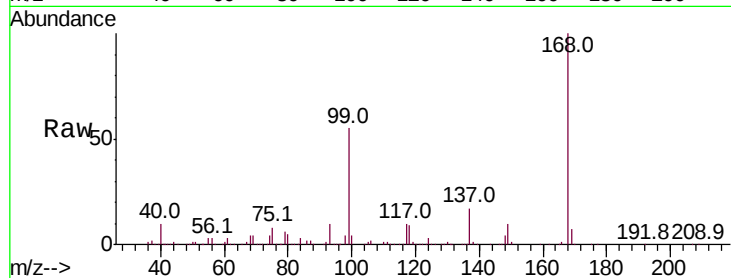
SB-13(13.5-14.5)

Tot Ion:168 Resp: 313408

Ion Ratio Lower Upper

168 100

99 55.0 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

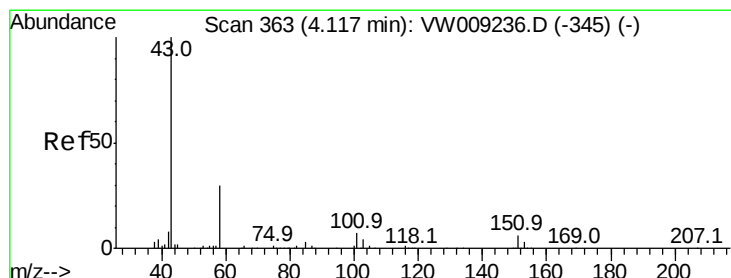
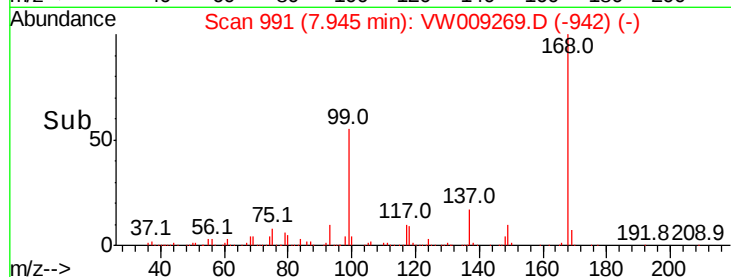
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#16

Acetone

Concen: 20.449 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW009269.D

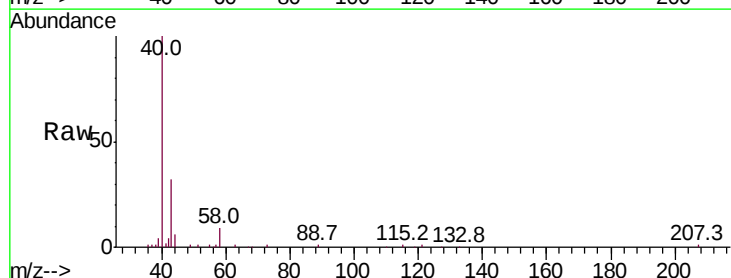
Acq: 20 Mar 2019 06:00

Tgt Ion: 43 Resp: 13986

Ion Ratio Lower Upper

43 100

58 28.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

3000

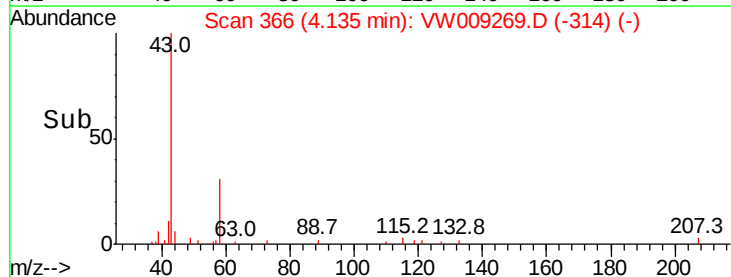
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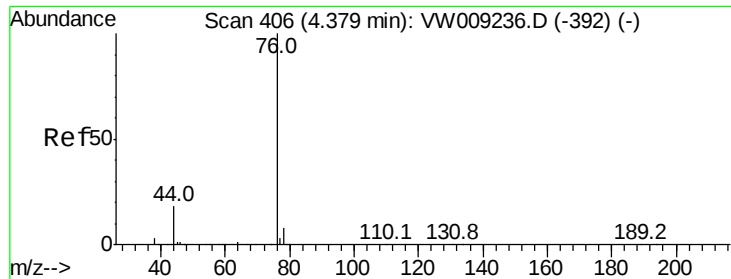
1000

0

Time-->

4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 5.786 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW009269.D

Acq: 20 Mar 2019 06:00

Instrument :

MSVOA_W

ClientSampleId :

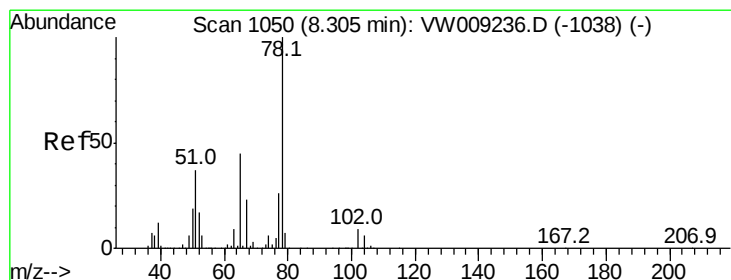
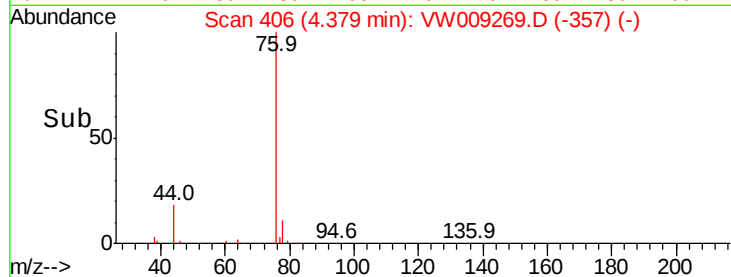
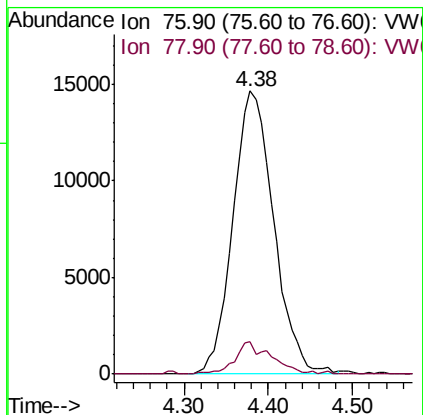
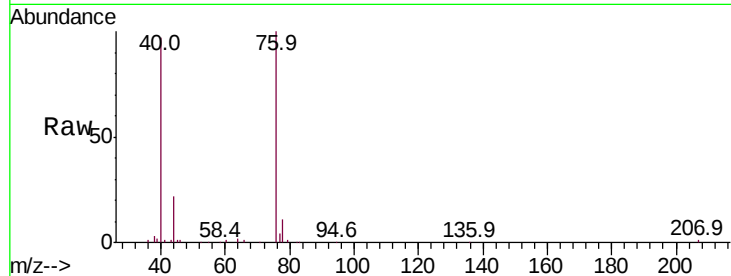
SB-13(13.5-14.5)

Tot Ion: 76 Resp: 48244

Ion Ratio Lower Upper

76 100

78 11.4 6.6 9.8#



#33

1,2-Dichloroethane-d4

Concen: 60.890 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW009269.D

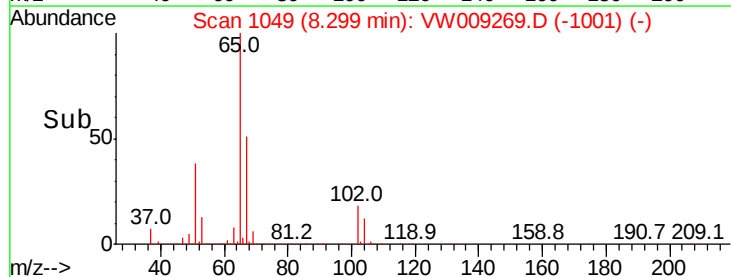
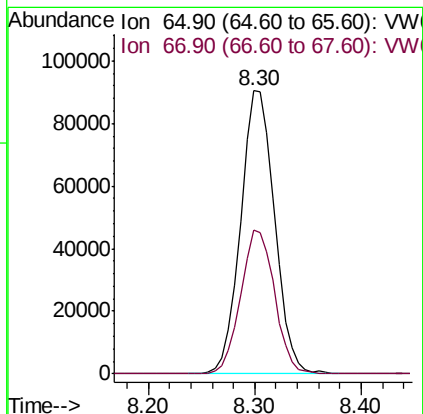
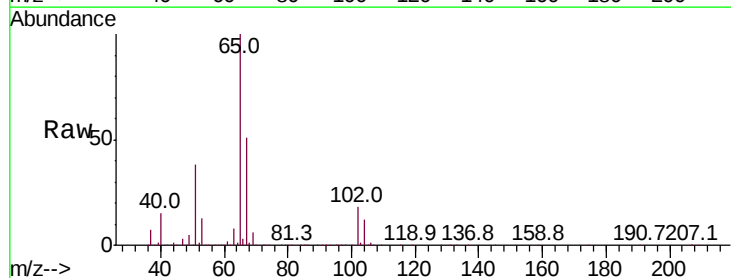
Acq: 20 Mar 2019 06:00

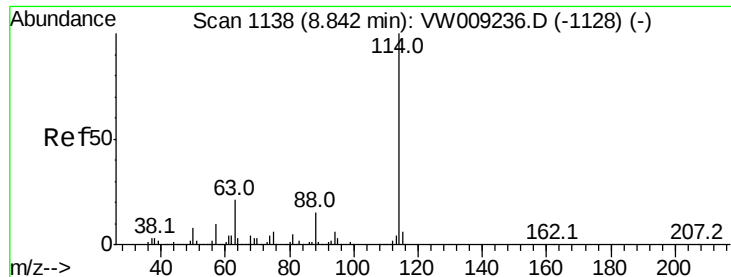
Tgt Ion: 65 Resp: 202986

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.4

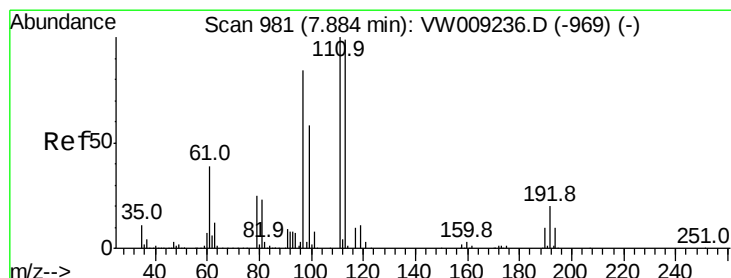
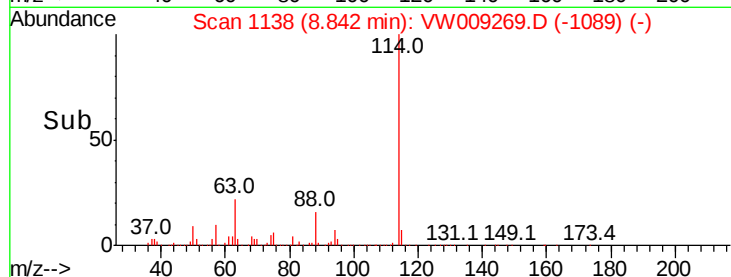
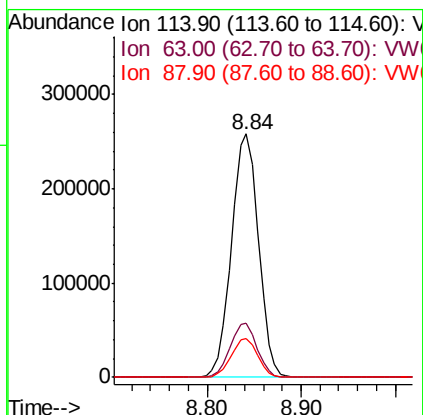
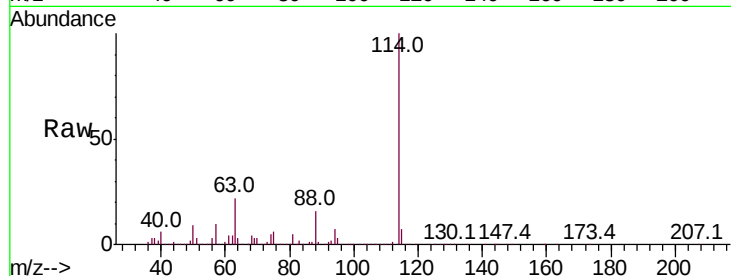




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009269.D
 Acq: 20 Mar 2019 06:00

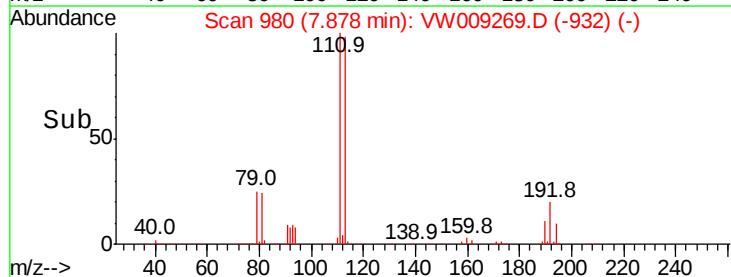
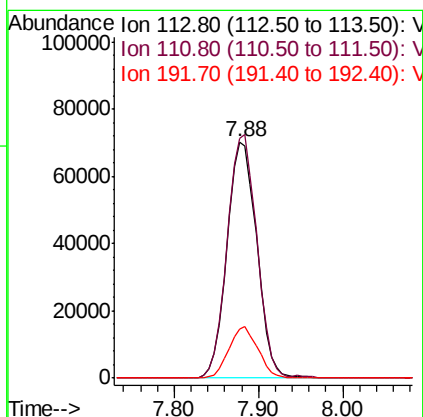
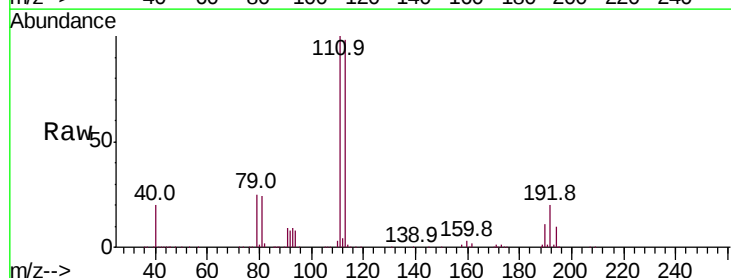
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-13(13.5-14.5)

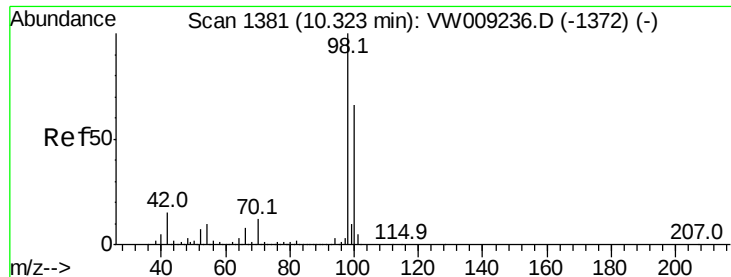
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	42.2
88	16.0	0.0	30.8



#35
 Dibromofluoromethane
 Concen: 51.772 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW009269.D
 Acq: 20 Mar 2019 06:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	21.0	16.4	24.6

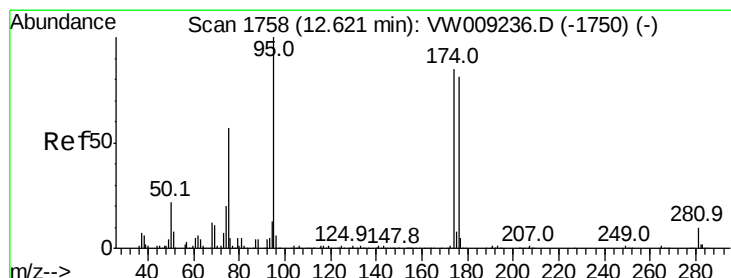
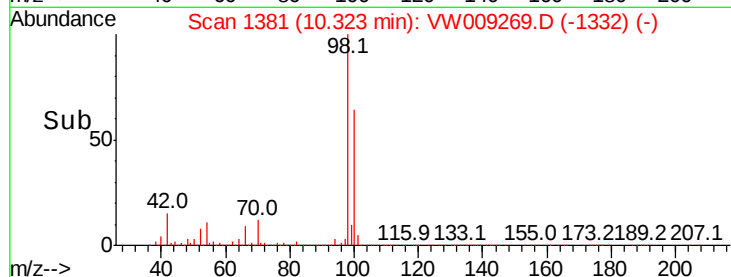
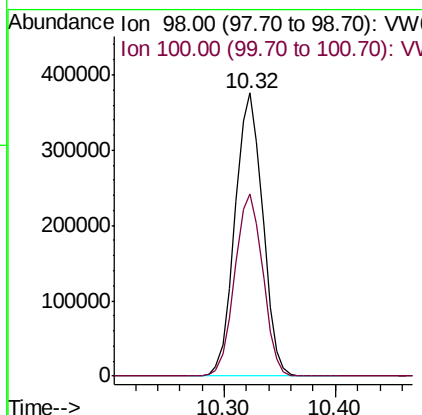
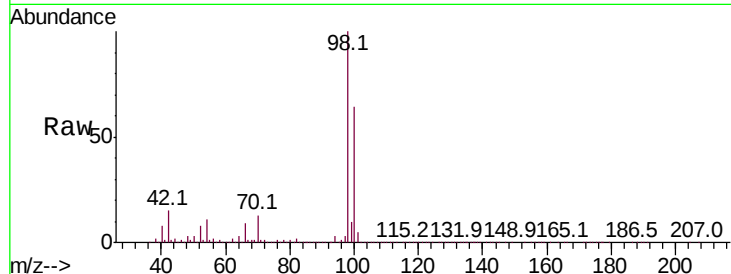




#50
Toluene-d8
Concen: 54.674 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW009269.D
Acq: 20 Mar 2019 06:00

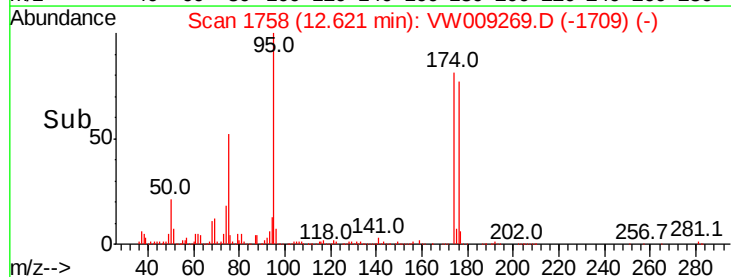
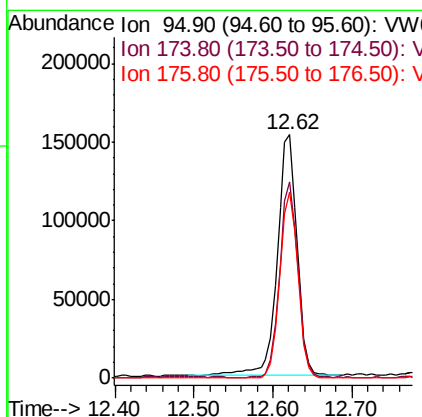
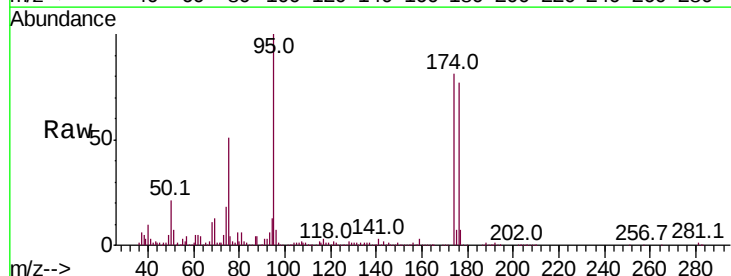
Instrument :
MSVOA_W
ClientSampleId :
SB-13(13.5-14.5)

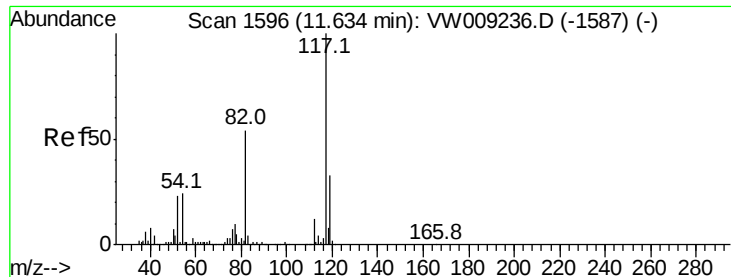
Tot Ion: 98 Resp: 648726
Ion Ratio Lower Upper
98 100
100 65.0 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 61.474 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW009269.D
Acq: 20 Mar 2019 06:00

Tgt Ion: 95 Resp: 267813
Ion Ratio Lower Upper
95 100
174 74.1 0.0 168.4
176 70.4 0.0 161.6

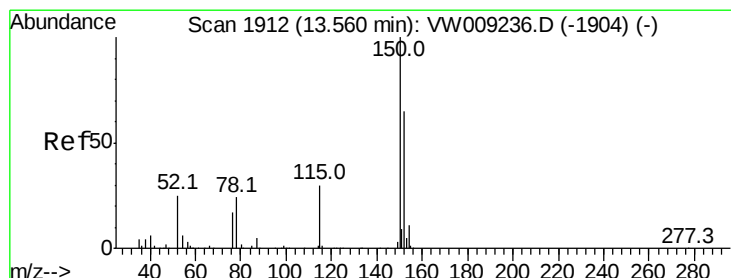
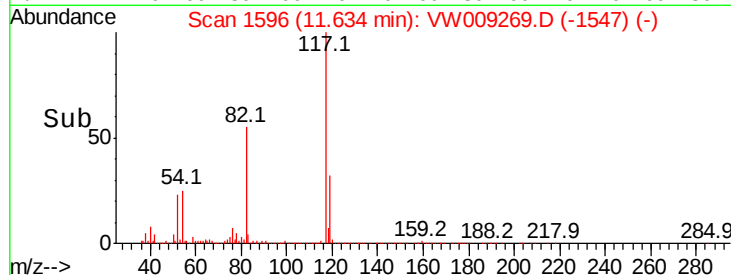
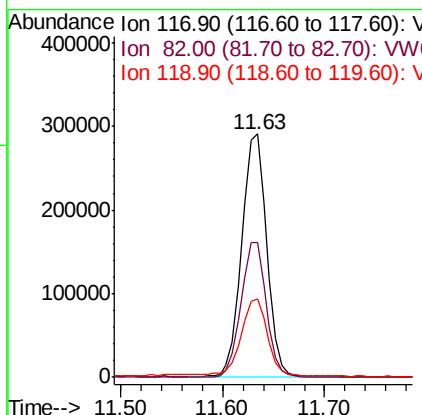
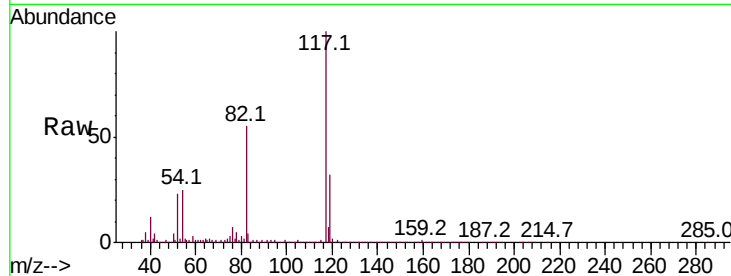




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW009269.D
Acq: 20 Mar 2019 06:00

Instrument :
MSVOA_W
ClientSampleId :
SB-13(13.5-14.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.6	65.4
119	31.7	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009269.D
Acq: 20 Mar 2019 06:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.6	88.8
150	157.8	0.0	349.2

