

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012756.D
 Acq On : 08 Sep 2019 08:50
 Operator : SY/VA
 Sample : K4636-13
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-33-9.5-10.0

Quant Time: Sep 09 04:39:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

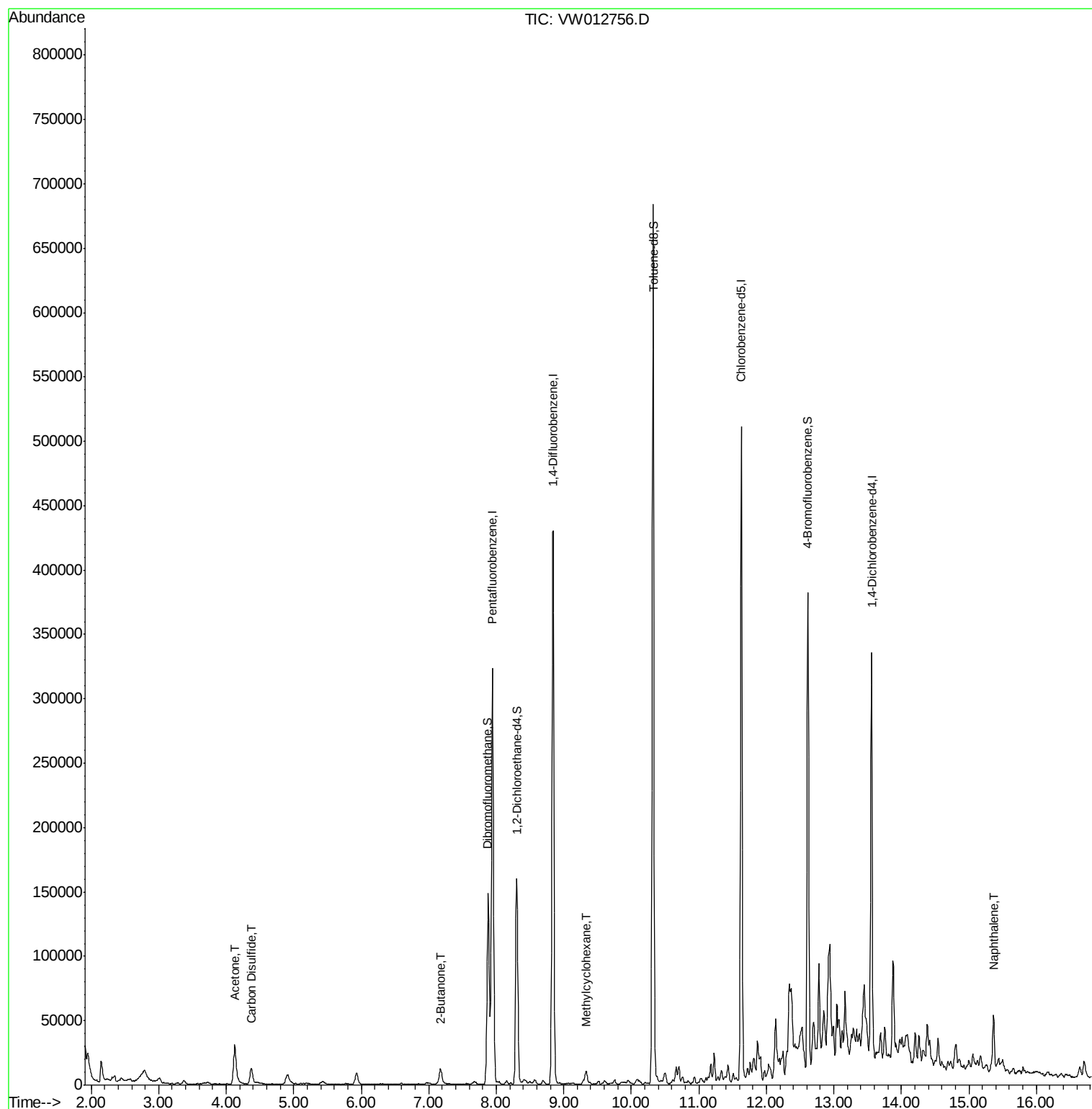
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	351302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	267993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	84032	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135071	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
35) Dibromofluoromethane	7.88	113	105551	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
50) Toluene-d8	10.32	98	416619	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.62	95	111838	37.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.30%	
Target Compounds						
16) Acetone	4.13	43	57906	81.219	ug/l	92
17) Carbon Disulfide	4.37	76	26408	6.436	ug/l	95
25) 2-Butanone	7.17	43	19115	36.456	ug/l	99
39) Methylcyclohexane	9.34	83	3614	1.031	ug/l	95
95) Naphthalene	15.36	128	37404	14.107	ug/l	99

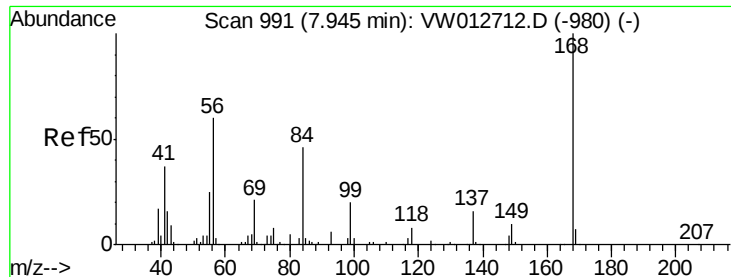
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VW012756.D

Acq: 08 Sep 2019 08:50

Instrument :

MSVOA_W

ClientSampleId :

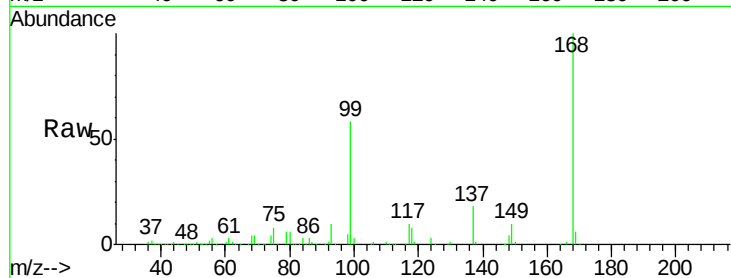
SB-33-9.5-10.0

Tot Ion:168 Resp: 234060

Ion Ratio Lower Upper

168 100

99 58.4 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

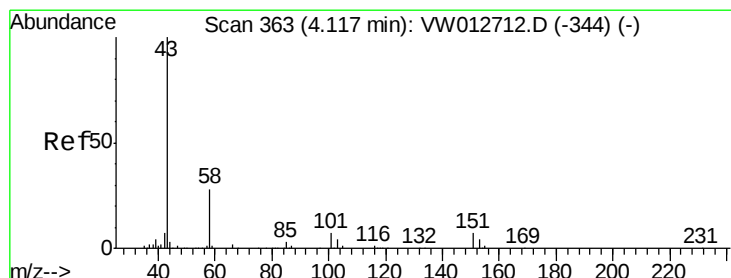
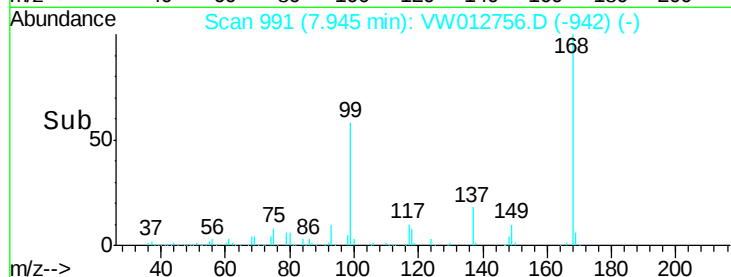
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 81.219 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012756.D

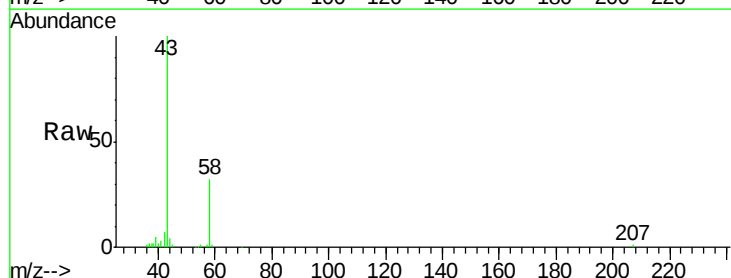
Acq: 08 Sep 2019 08:50

Tgt Ion: 43 Resp: 57906

Ion Ratio Lower Upper

43 100

58 32.2 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

20000

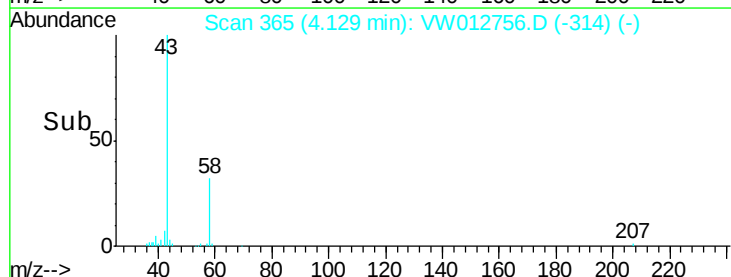
15000

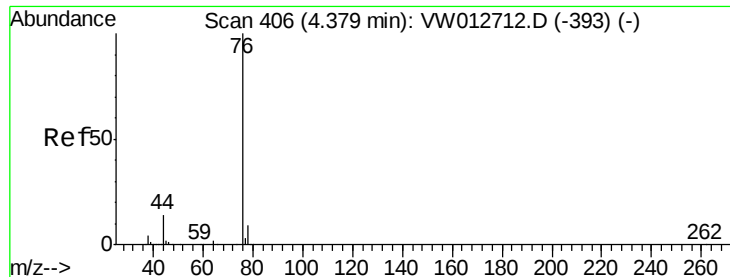
10000

5000

0

Time--> 4.00 4.10 4.20 4.30





#17

Carbon Disulfide

Concen: 6.436 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW012756.D

Acq: 08 Sep 2019 08:50

Instrument :

MSVOA_W

ClientSampleId :

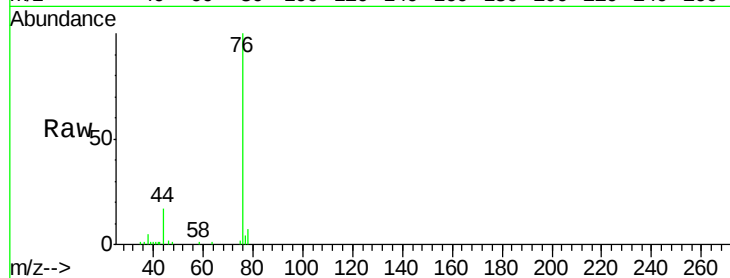
SB-33-9.5-10.0

Tot Ion: 76 Resp: 26408

Ion Ratio Lower Upper

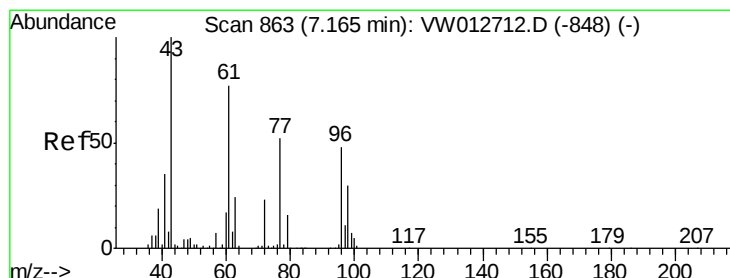
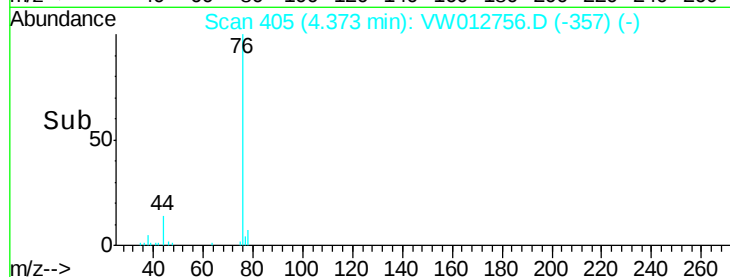
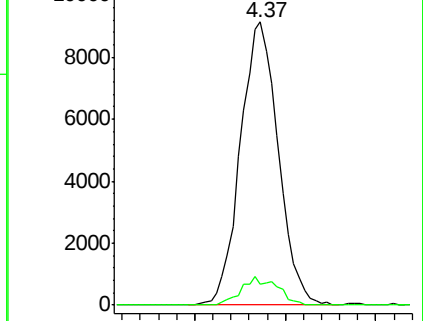
76 100

78 7.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#25

2-Butanone

Concen: 36.456 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW012756.D

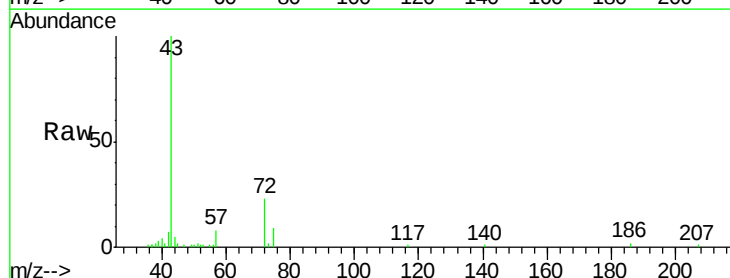
Acq: 08 Sep 2019 08:50

Tgt Ion: 43 Resp: 19115

Ion Ratio Lower Upper

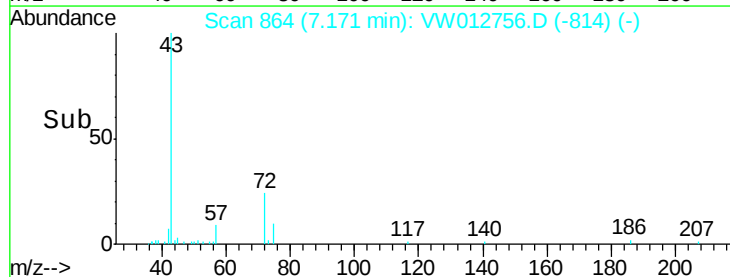
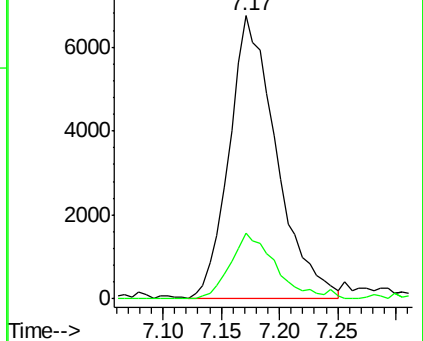
43 100

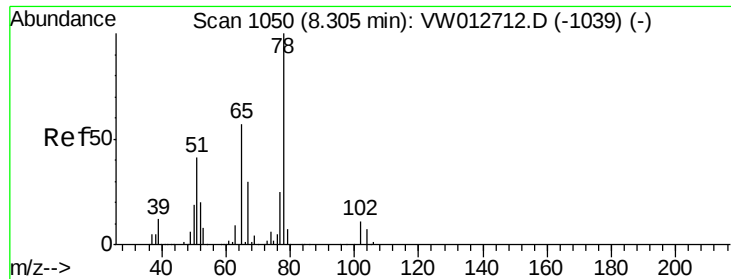
72 23.2 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

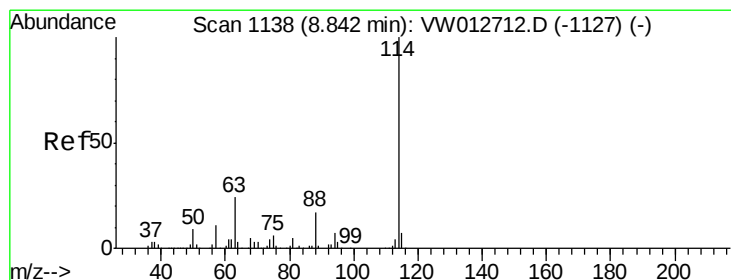
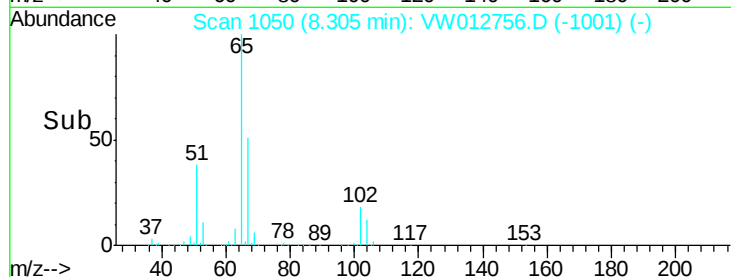
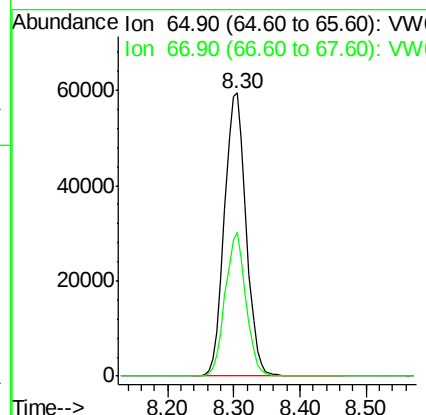
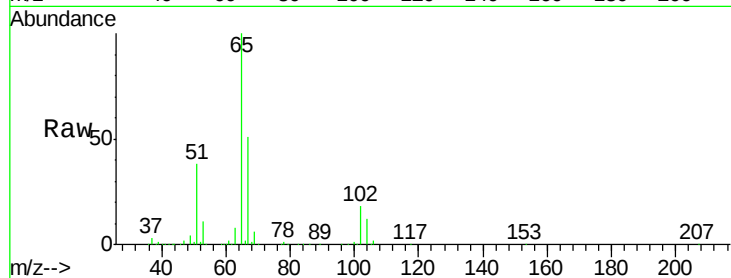




#33
 1,2-Dichloroethane-d4
 Concen: 51.648 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012756.D
 Acq: 08 Sep 2019 08:50

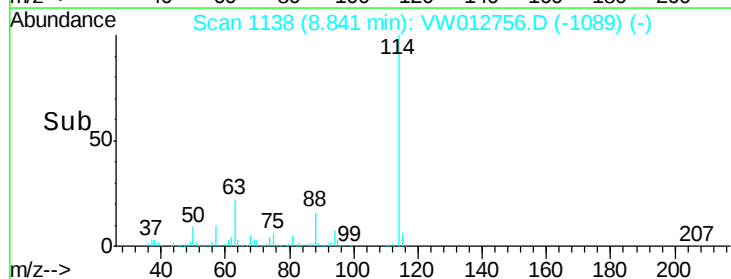
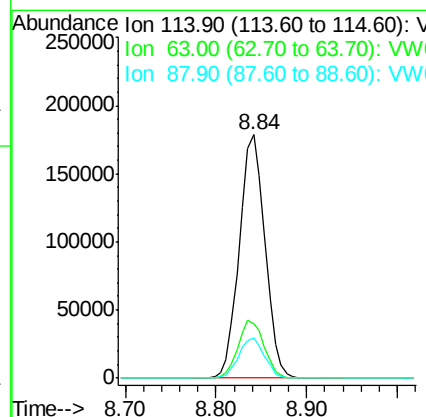
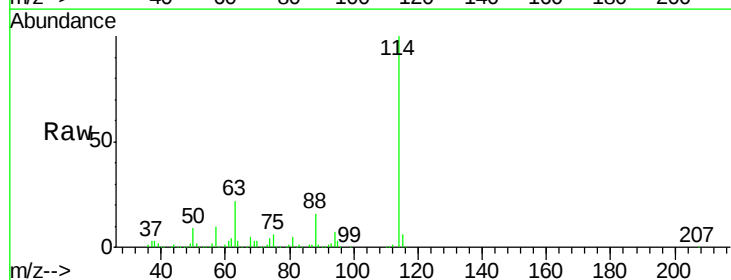
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-33-9.5-10.0

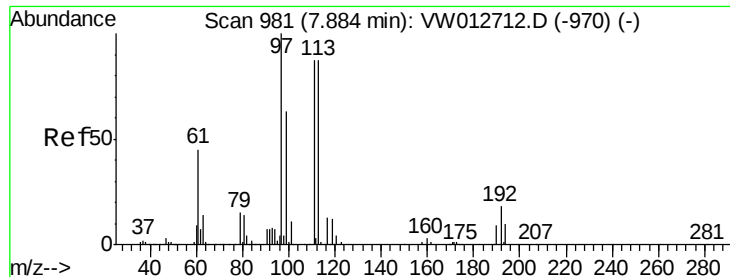
Tot Ion: 65 Resp: 135071
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012756.D
 Acq: 08 Sep 2019 08:50

Tgt Ion: 114 Resp: 351302
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 47.2
 88 16.3 0.0 34.0

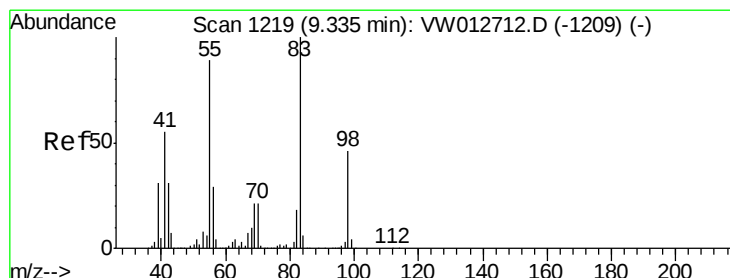
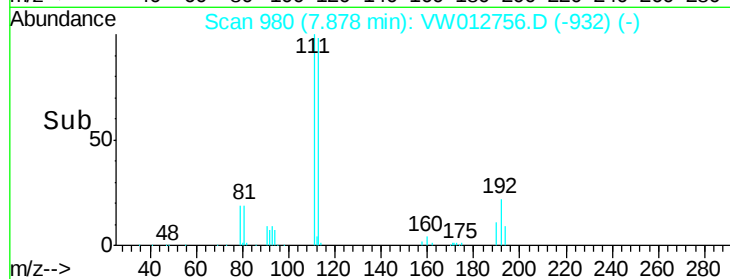
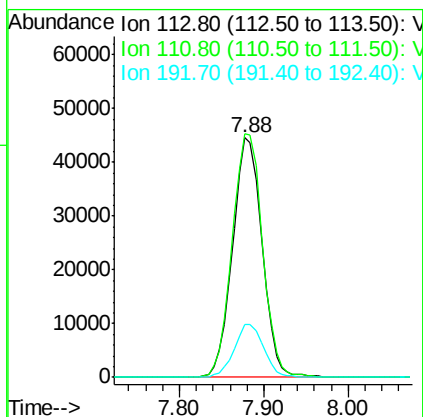
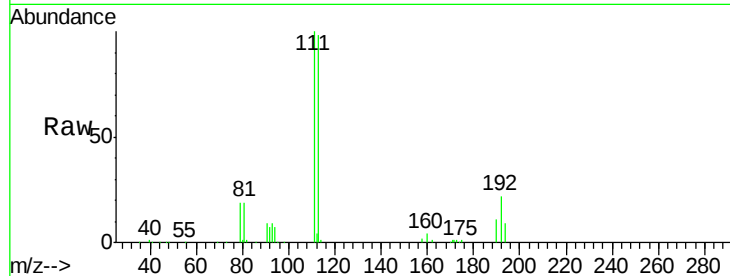




#35
 Dibromofluoromethane
 Concen: 50.537 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012756.D
 Acq: 08 Sep 2019 08:50

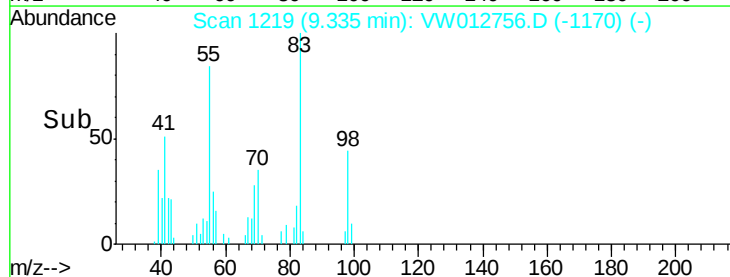
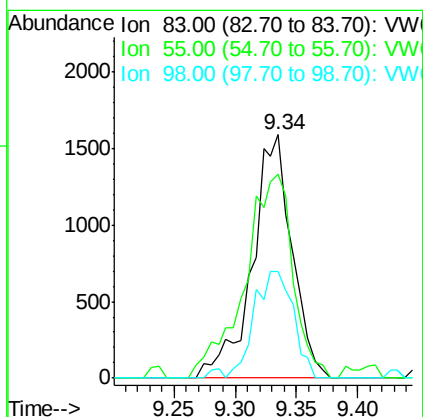
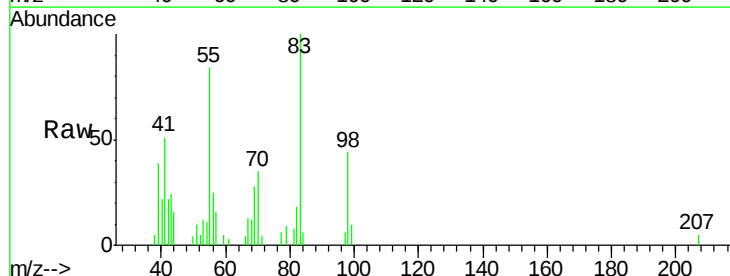
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-33-9.5-10.0

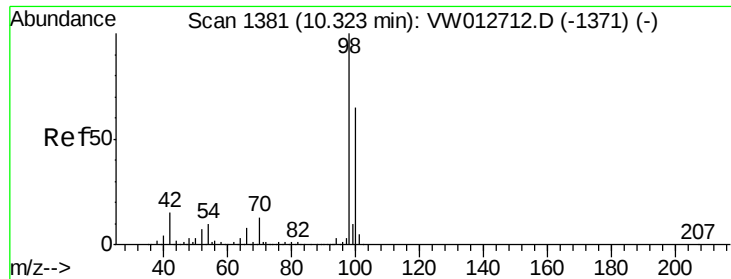
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	80.2	120.4
192	22.0	17.3	25.9



#39
 Methylcyclohexane
 Concen: 1.031 ug/l
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW012756.D
 Acq: 08 Sep 2019 08:50

Tgt Ion	Ratio	Lower	Upper
83	100		
55	83.8	71.0	106.4
98	43.7	36.9	55.3

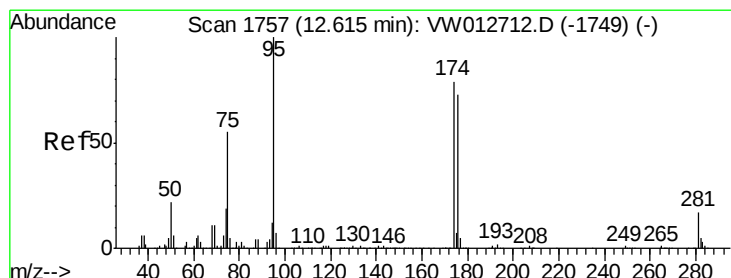
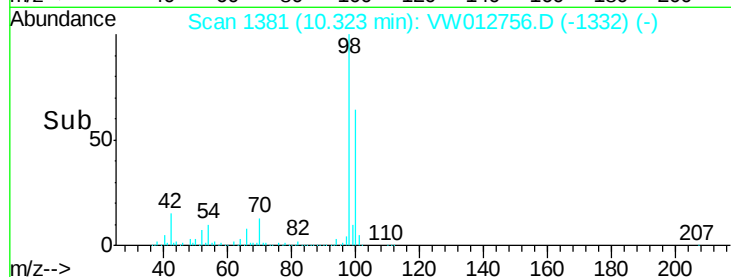
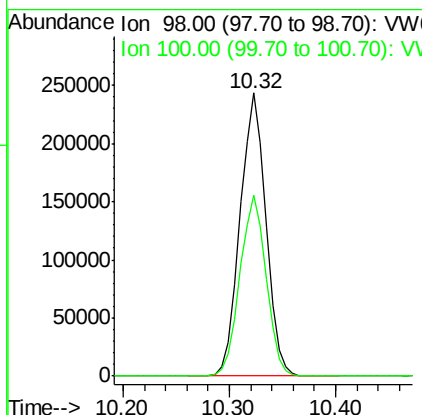
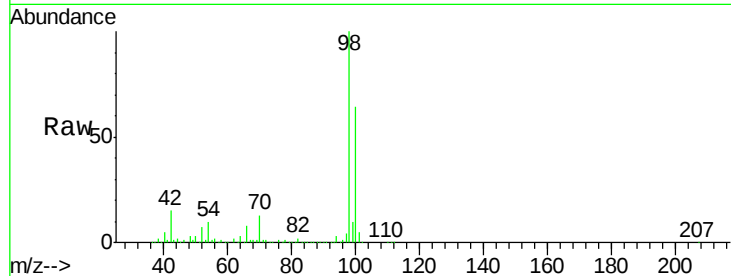




#50
Toluene-d8
Concen: 50.915 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012756.D
Acq: 08 Sep 2019 08:50

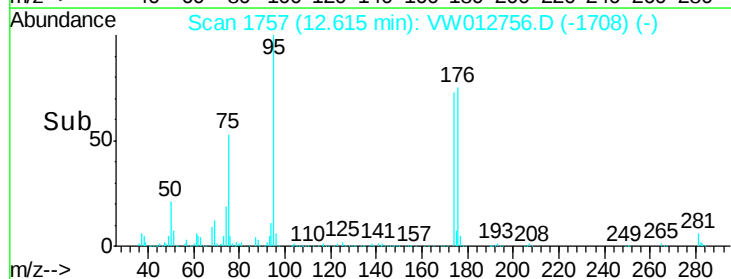
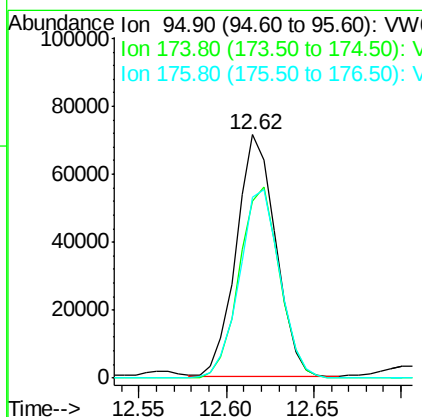
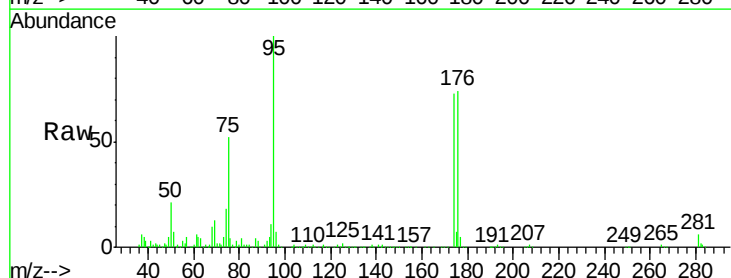
Instrument :
MSVOA_W
ClientSampled :
SB-33-9.5-10.0

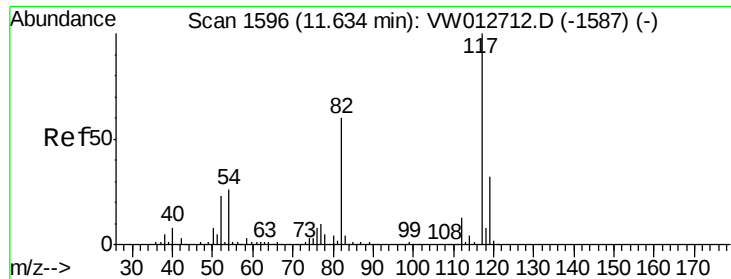
Tot Ion: 98 Resp: 416619
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 37.649 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012756.D
Acq: 08 Sep 2019 08:50

Tgt Ion: 95 Resp: 111838
Ion Ratio Lower Upper
95 100
174 80.4 0.0 161.0
176 80.2 0.0 156.4

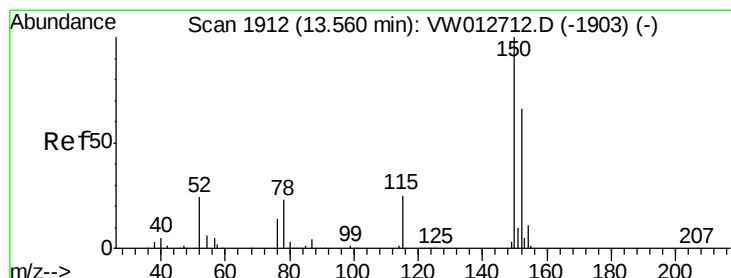
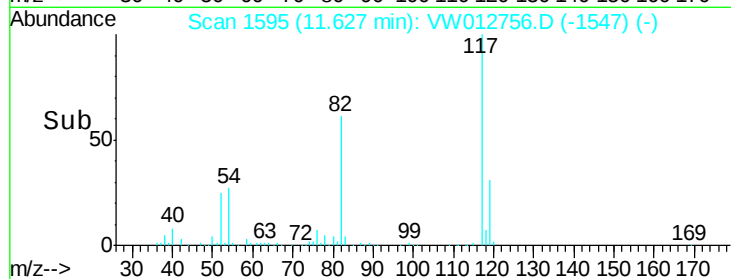
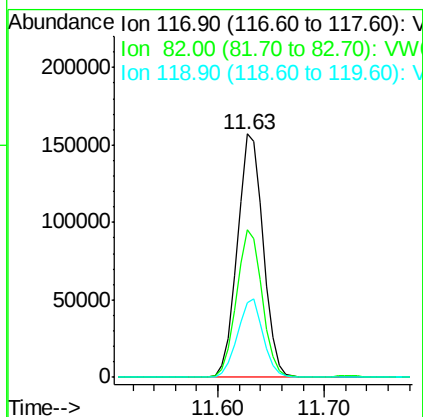
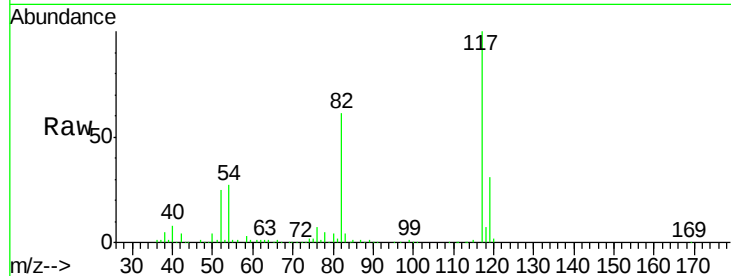




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012756.D
Acq: 08 Sep 2019 08:50

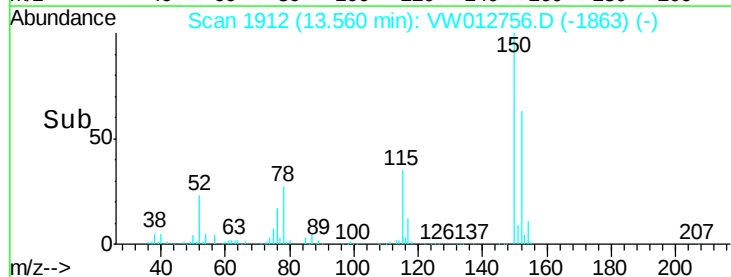
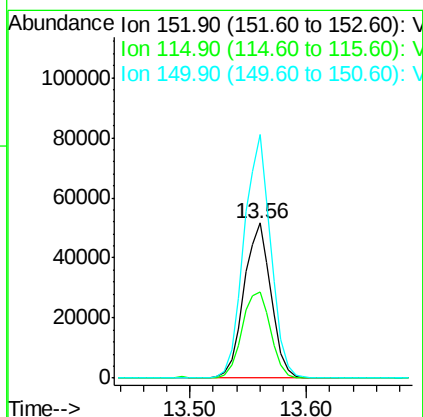
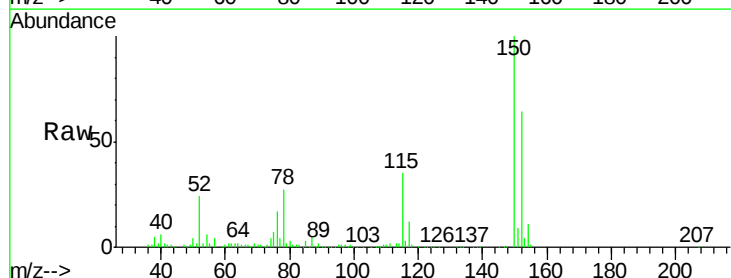
Instrument :
MSVOA_W
ClientSampleId :
SB-33-9.5-10.0

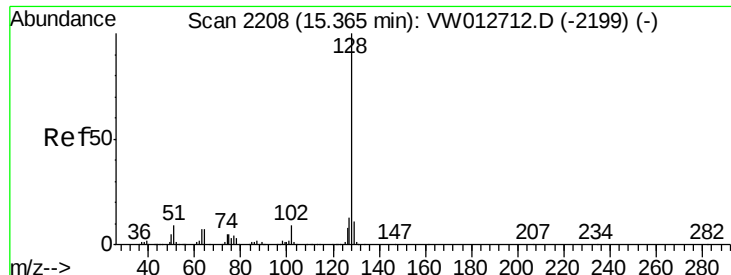
Tot Ion:117 Resp: 267993
Ion Ratio Lower Upper
117 100
82 60.5 48.2 72.4
119 30.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012756.D
Acq: 08 Sep 2019 08:50

Tgt Ion:152 Resp: 84032
Ion Ratio Lower Upper
152 100
115 58.4 30.0 90.1
150 153.9 0.0 349.0





#95

Naphthalene

Concen: 14.107 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW012756.D

Acq: 08 Sep 2019 08:50

Instrument :

MSVOA_W

ClientSampleId :

SB-33-9.5-10.0

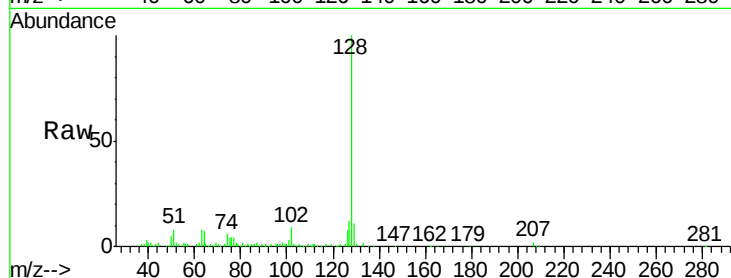
Tot Ion:128 Resp: 37404

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

129 11.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

