

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061019\
 Data File : VW010744.D
 Acq On : 10 Jun 2019 14:46
 Operator : SY/VA
 Sample : K3273-04
 Misc : 4.49G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1 9.0-9.5 060719

Quant Time: Jun 11 07:22:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	209912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	363182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	147318	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	147126	59.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.92%	
35) Dibromofluoromethane	7.88	113	109281	55.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.88%	
50) Toluene-d8	10.32	98	476783	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
62) 4-Bromofluorobenzene	12.62	95	174263	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	

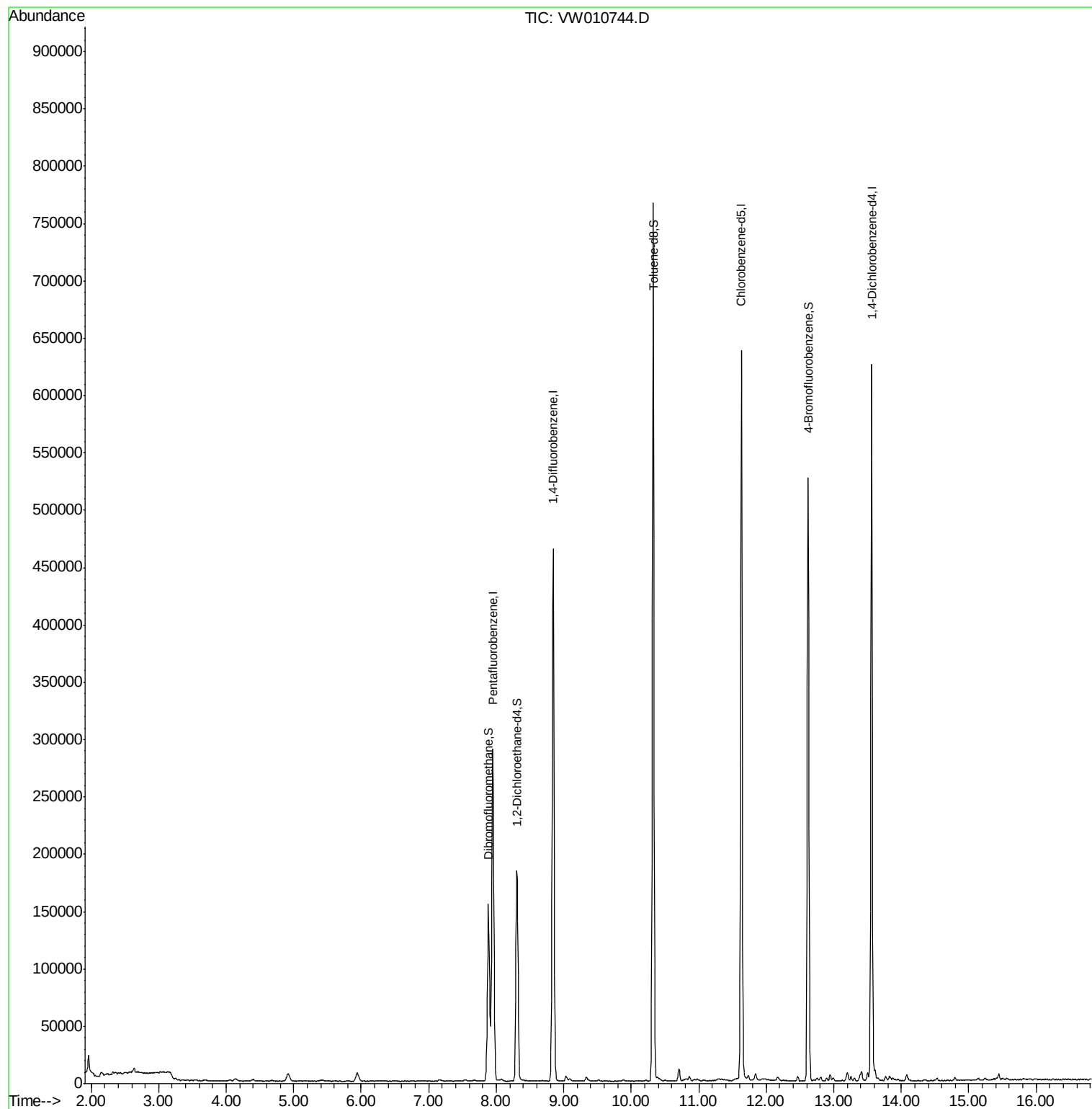
Target Compounds	Qvalue
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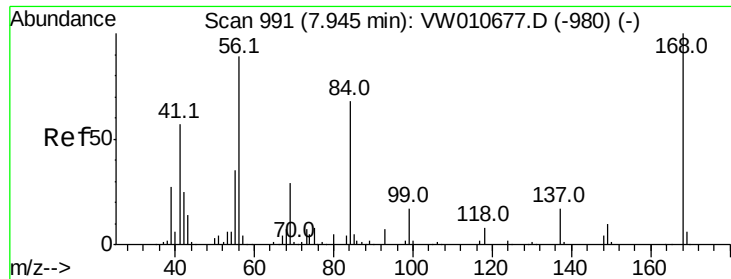
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

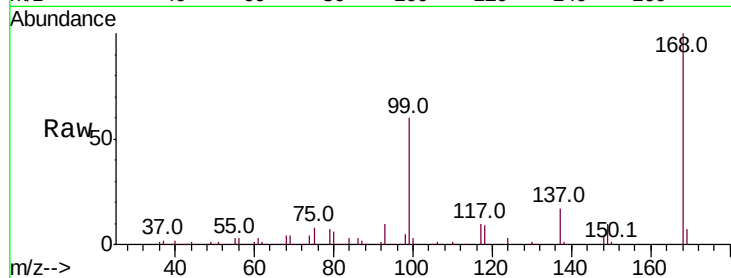
SB-1 9.0-9.5 060719

Tot Ion:168 Resp: 209912

Ion Ratio Lower Upper

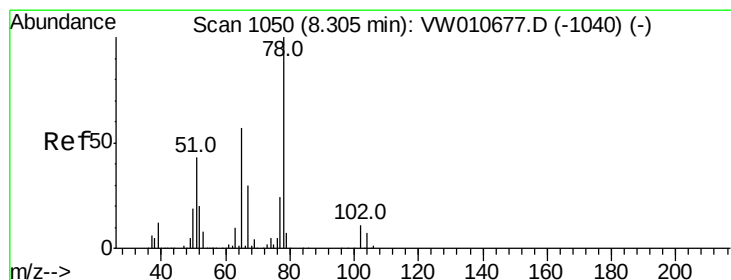
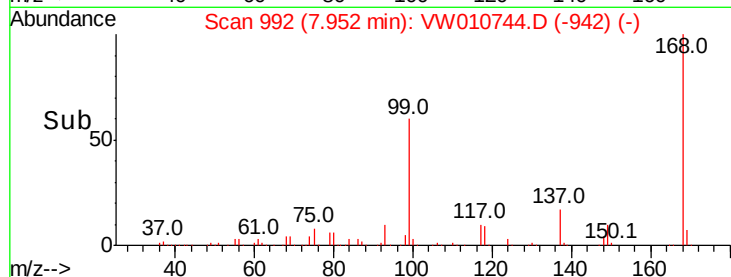
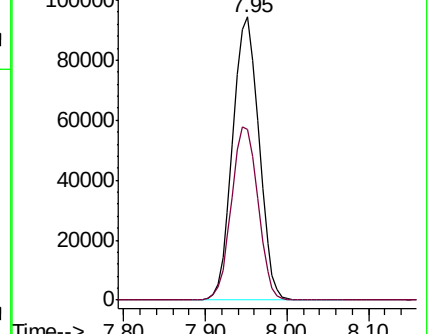
168 100

99 60.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 59.465 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010744.D

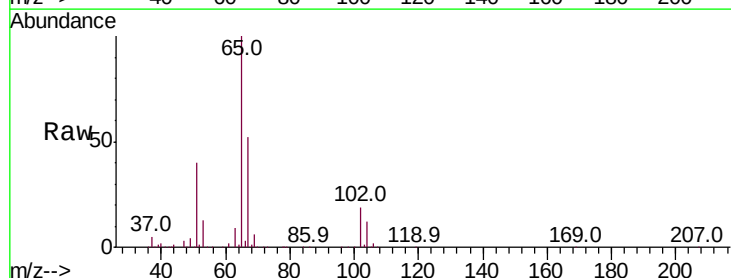
Acq: 10 Jun 2019 14:46

Tgt Ion: 65 Resp: 147126

Ion Ratio Lower Upper

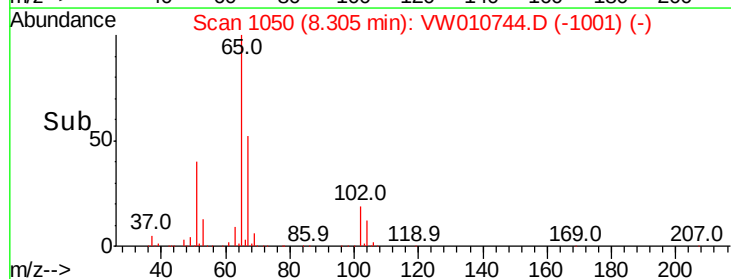
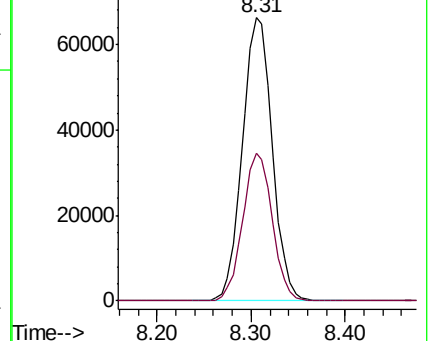
65 100

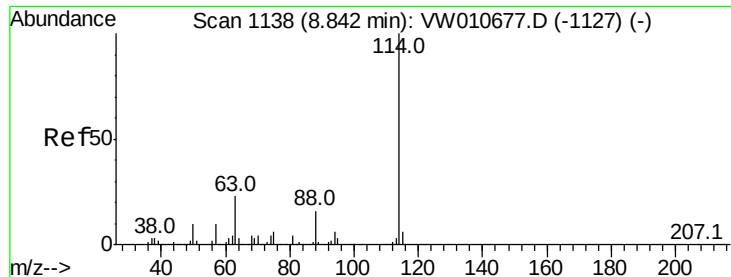
67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

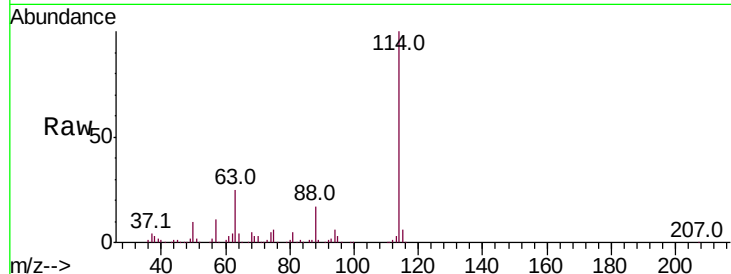




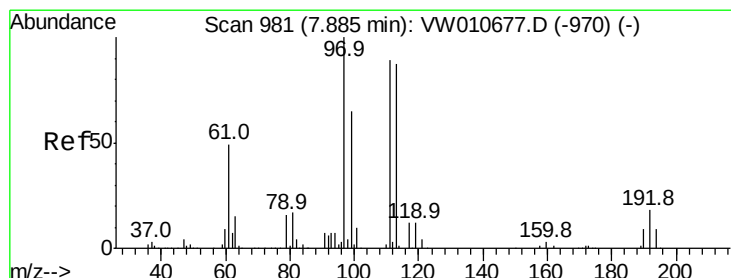
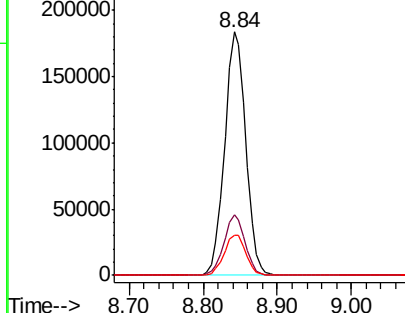
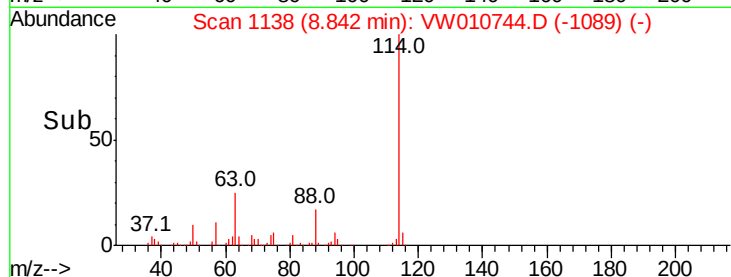
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010744.D
 Acq: 10 Jun 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1 9.0-9.5 060719

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	46.4
88	16.6	0.0	32.2

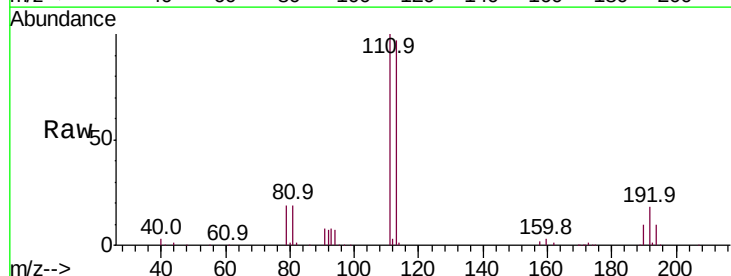


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

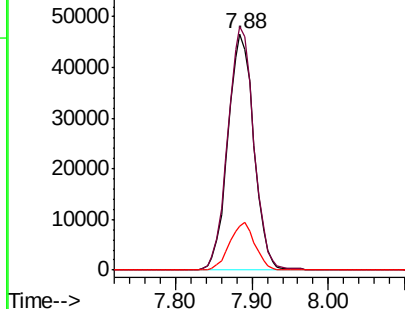
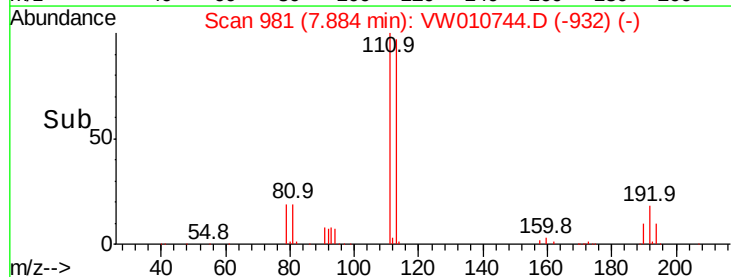


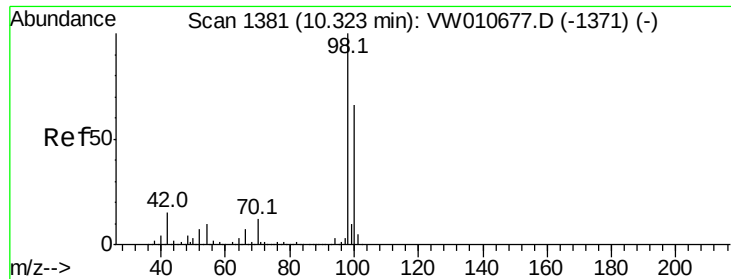
#35
 Dibromofluoromethane
 Concen: 55.437 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010744.D
 Acq: 10 Jun 2019 14:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	19.8	16.4	24.6



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

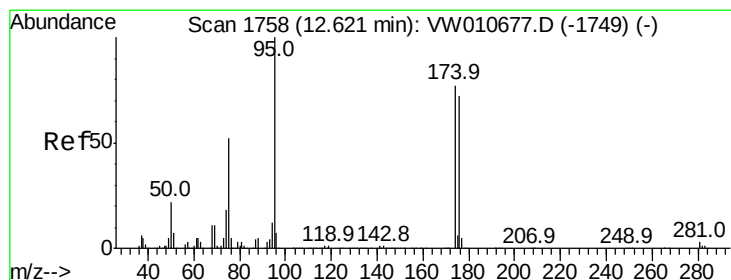
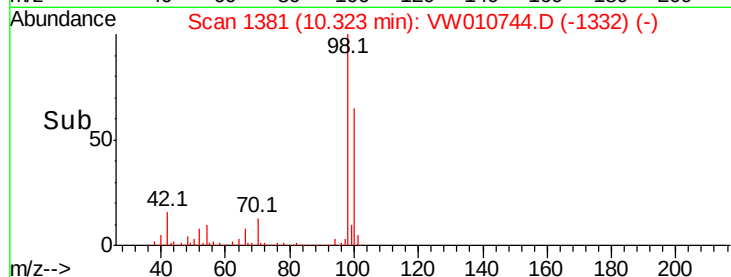
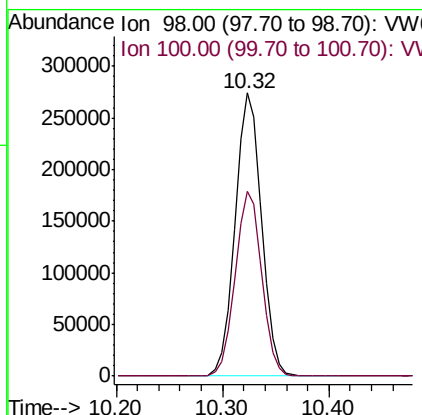
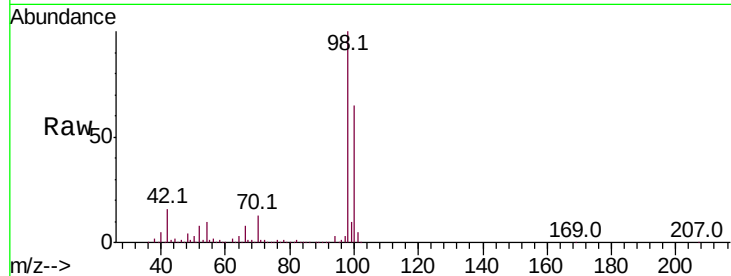




#50
Toluene-d8
Concen: 55.156 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010744.D
Acq: 10 Jun 2019 14:46

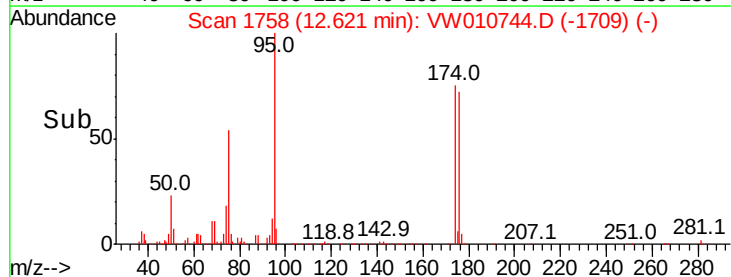
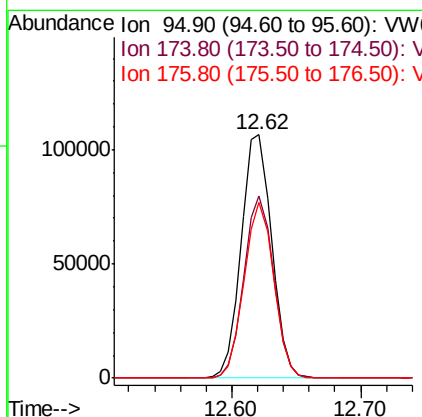
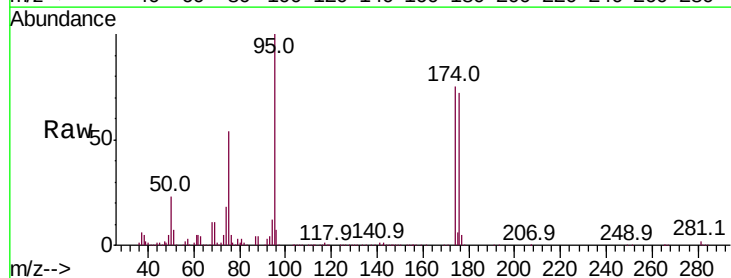
Instrument :
MSVOA_W
ClientSampleId :
SB-1 9.0-9.5 060719

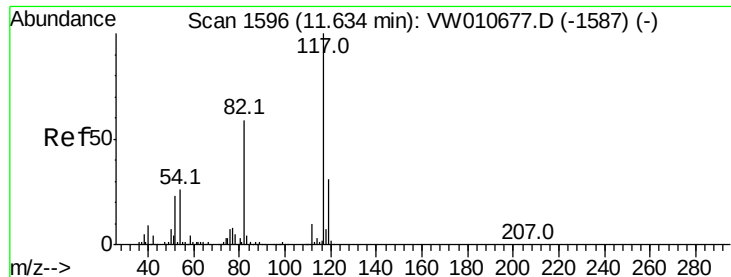
Tot Ion: 98 Resp: 476783
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 55.400 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010744.D
Acq: 10 Jun 2019 14:46

Tgt Ion: 95 Resp: 174263
Ion Ratio Lower Upper
95 100
174 73.1 0.0 150.4
176 70.2 0.0 144.8

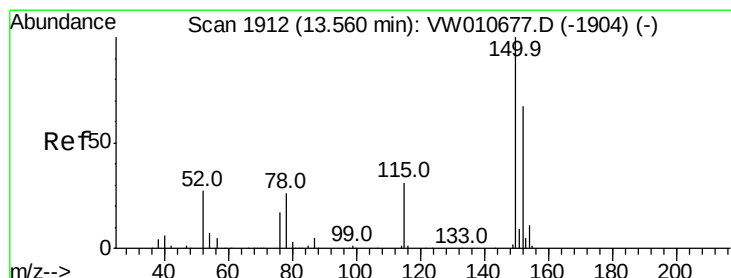
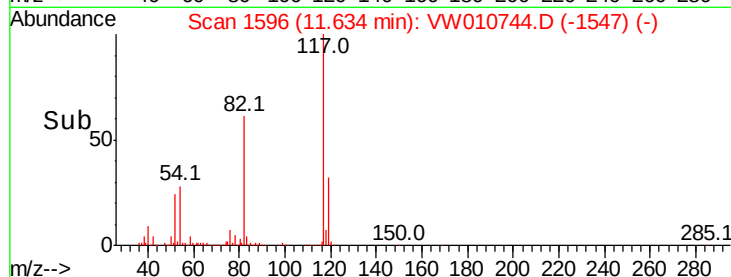
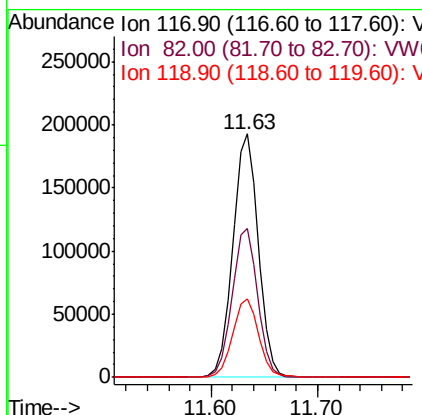
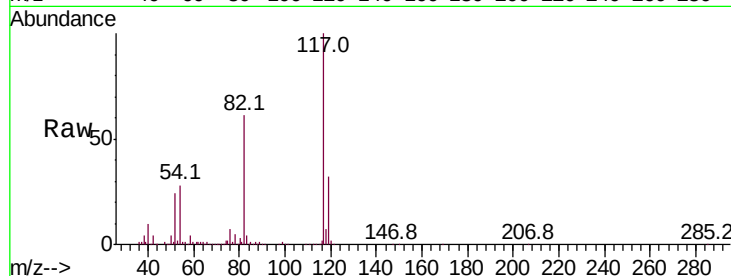




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010744.D
Acq: 10 Jun 2019 14:46

Instrument :
MSVOA_W
ClientSampleId :
SB-1 9.0-9.5 060719

Tot Ion:117 Resp: 322335
Ion Ratio Lower Upper
117 100
82 61.0 47.0 70.4
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010744.D
Acq: 10 Jun 2019 14:46

Tgt Ion:152 Resp: 147318
Ion Ratio Lower Upper
152 100
115 61.1 29.8 89.3
150 156.3 0.0 345.0

