

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053119\
 Data File : VW010638.D
 Acq On : 31 May 2019 15:56
 Operator : SY/VA
 Sample : K3105-07
 Misc : 4.09G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 8-9-TRACK

Quant Time: Jun 01 05:30:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

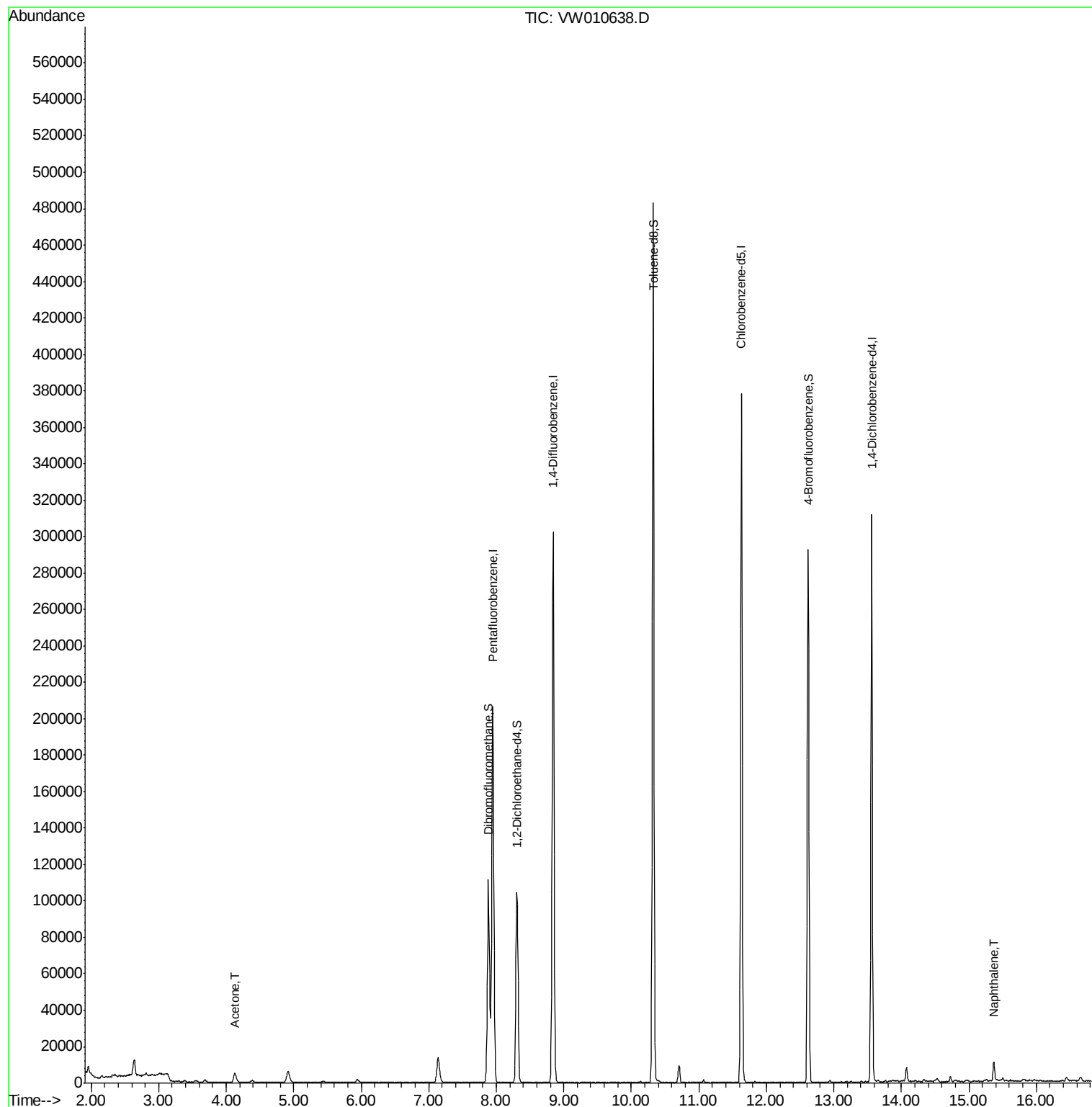
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	157389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	274701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	227500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82468	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	84441	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	7.88	113	81057	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	10.32	98	328740	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.62	95	106486	41.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.96%	
Target Compounds						
16) Acetone	4.12	43	9666	29.149	ug/l	93
95) Naphthalene	15.37	128	9974	2.668	ug/l	99

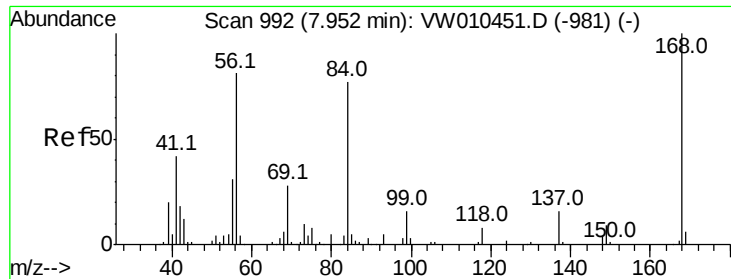
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010638.D

Acq: 31 May 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

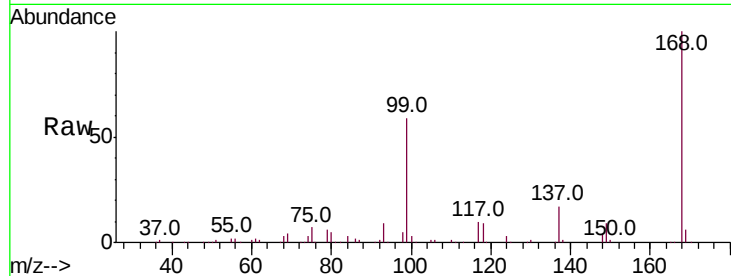
8-9-TRACK

Tot Ion:168 Resp: 157389

Ion Ratio Lower Upper

168 100

99 59.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

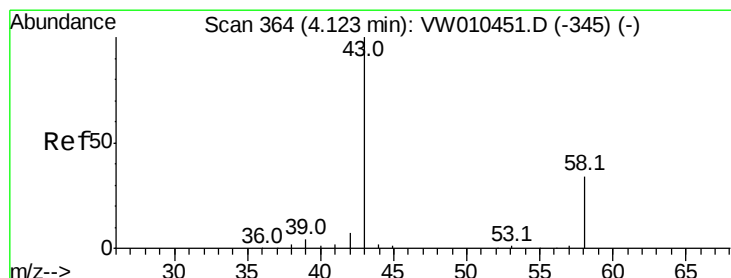
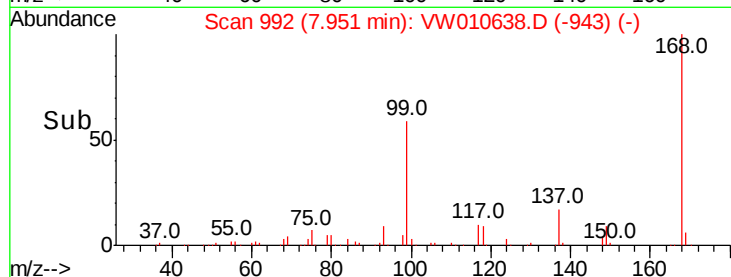
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 29.149 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010638.D

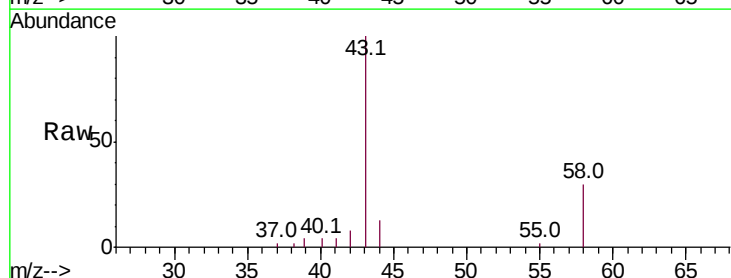
Acq: 31 May 2019 15:56

Tgt Ion: 43 Resp: 9666

Ion Ratio Lower Upper

43 100

58 29.6 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

4000

3000

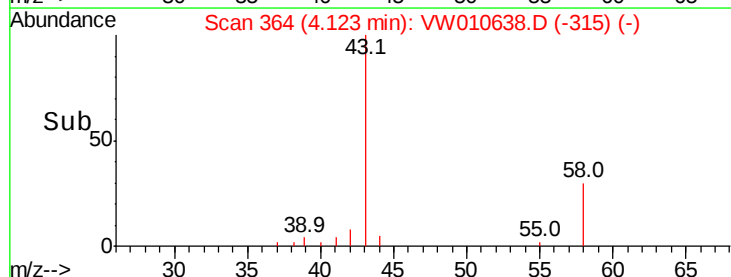
2000

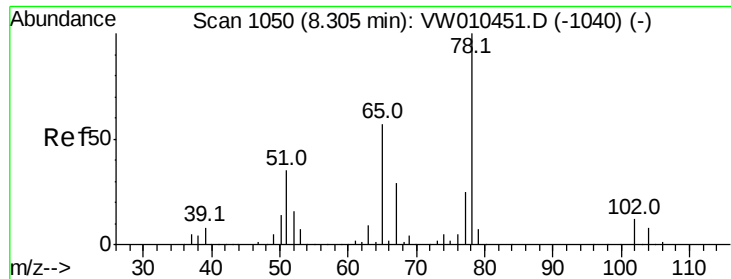
1000

0

4.00 4.10 4.20

Time-->

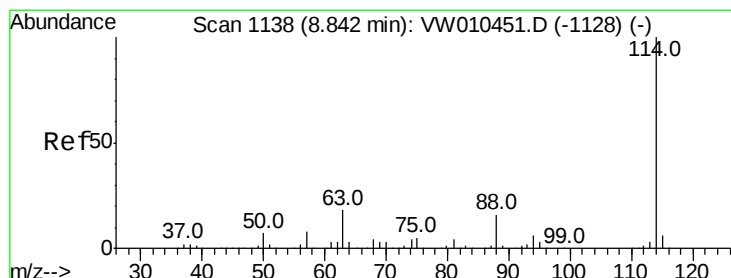
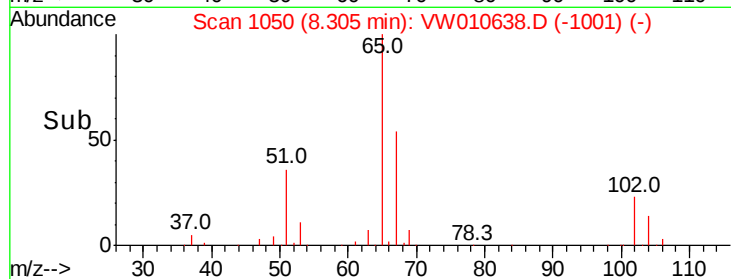
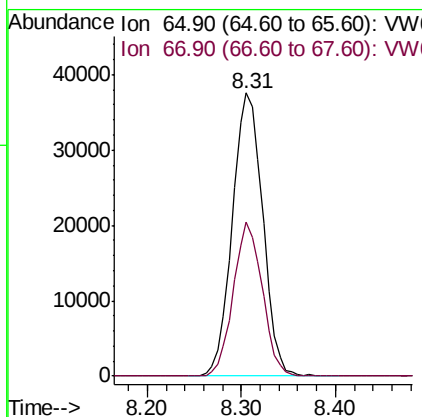
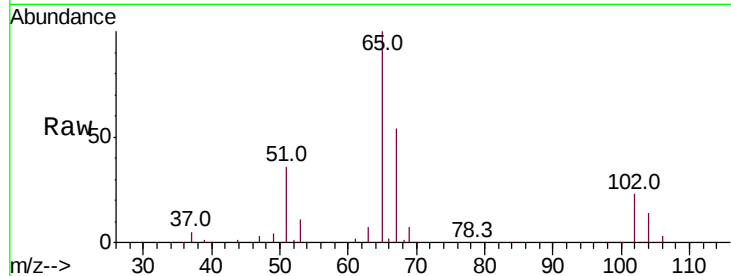




#33
 1,2-Dichloroethane-d4
 Concen: 51.979 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010638.D
 Acq: 31 May 2019 15:56

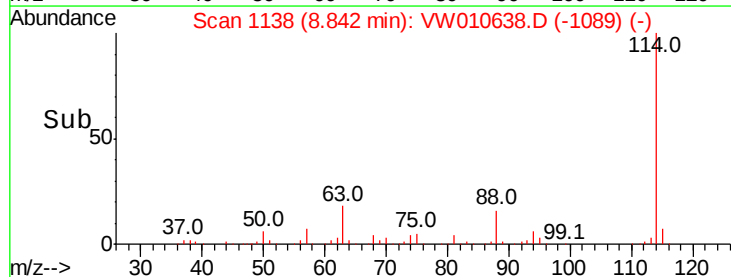
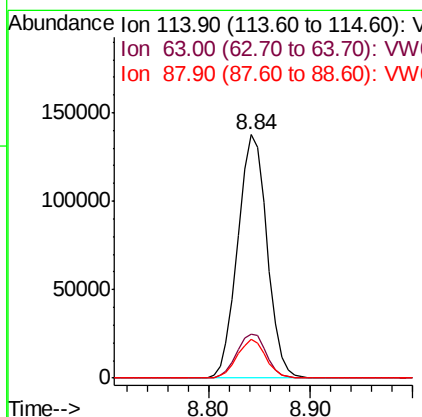
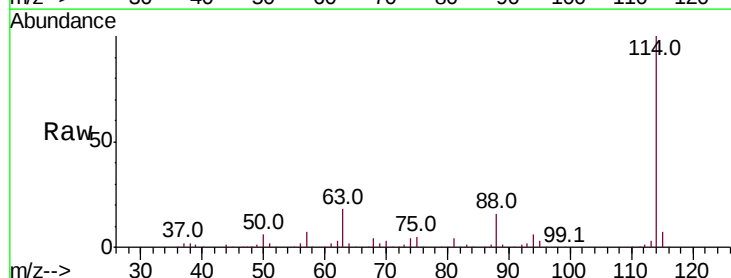
Instrument :
 MSVOA_W
 ClientSampleId :
 8-9-TRACK

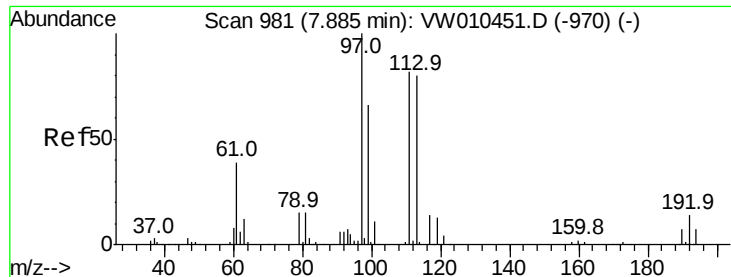
Tot Ion: 65 Resp: 84441
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010638.D
 Acq: 31 May 2019 15:56

Tgt Ion: 114 Resp: 274701
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.0
 88 15.7 0.0 32.0

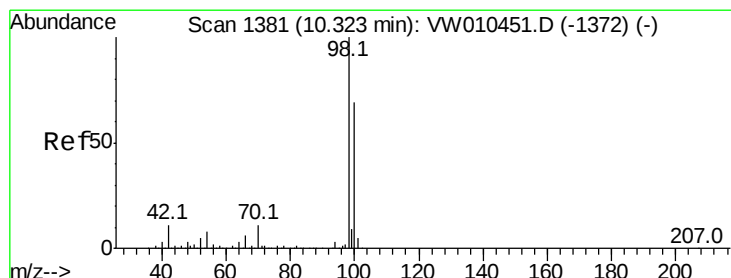
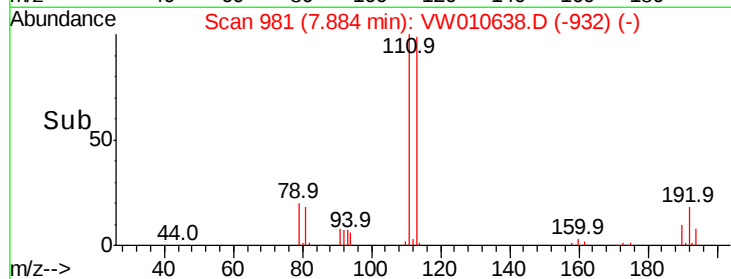
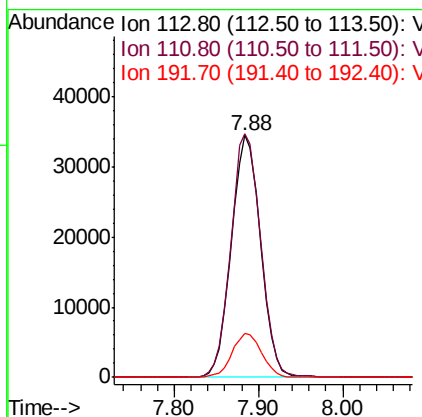
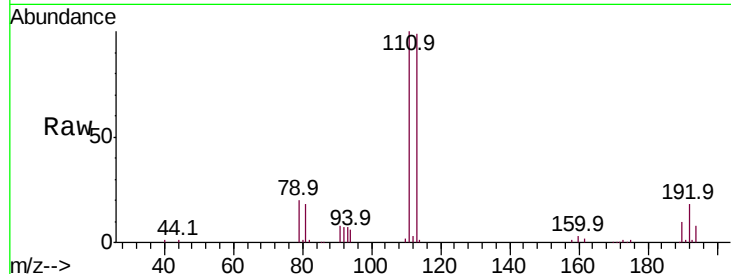




#35
 Dibromofluoromethane
 Concen: 48.629 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010638.D
 Acq: 31 May 2019 15:56

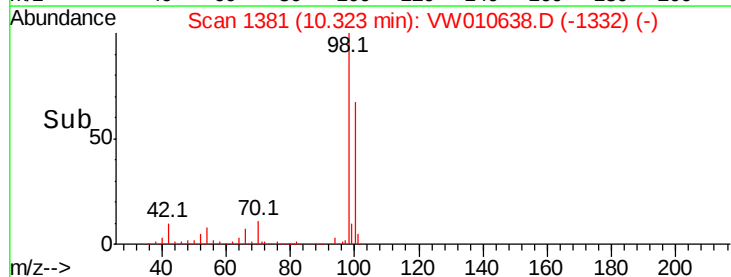
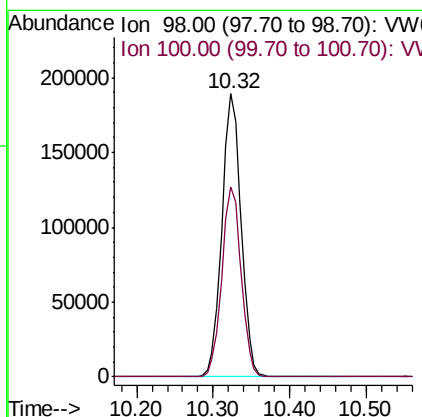
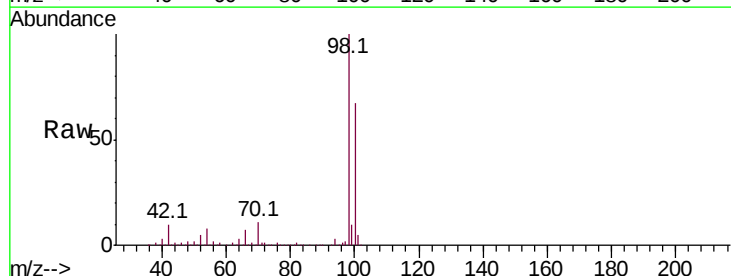
Instrument :
 MSVOA_W
 ClientSampleId :
 8-9-TRACK

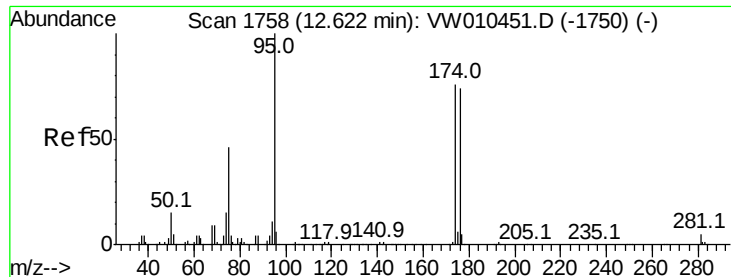
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	18.2	14.3	21.5



#50
 Toluene-d8
 Concen: 51.626 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010638.D
 Acq: 31 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.7	80.5

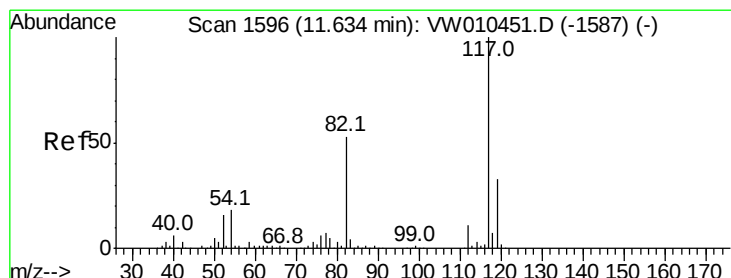
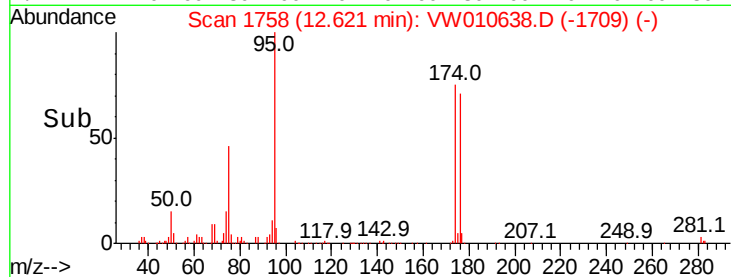
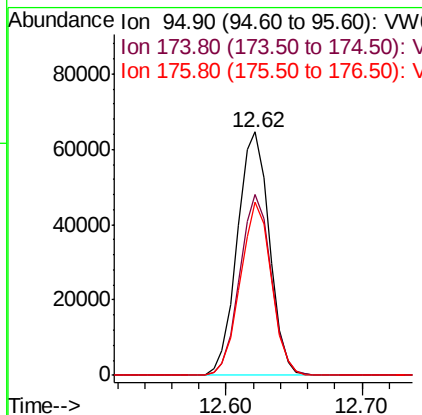
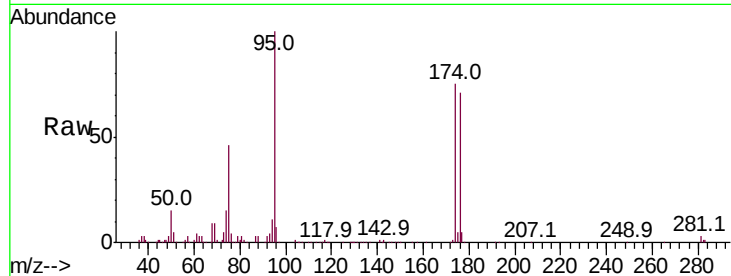




#62
4-Bromofluorobenzene
Concen: 41.984 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010638.D
Acq: 31 May 2019 15:56

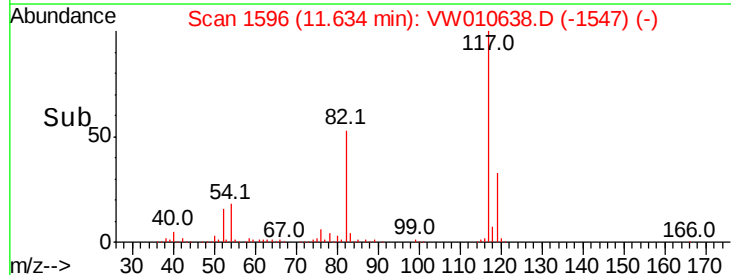
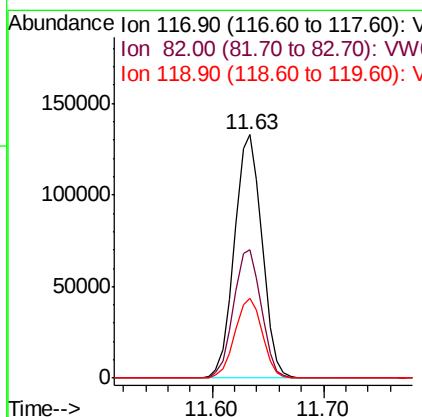
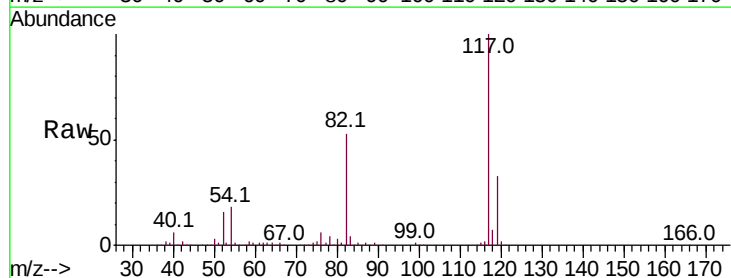
Instrument :
MSVOA_W
ClientSampleId :
8-9-TRACK

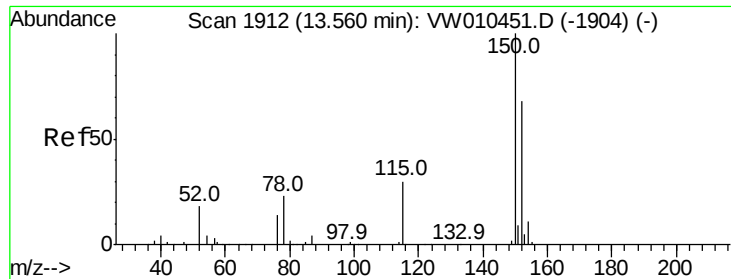
Tot Ion	95	Resp	106486
Ion Ratio	Lower	Upper	
95	100		
174	73.0	0.0	148.6
176	68.9	0.0	144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010638.D
Acq: 31 May 2019 15:56

Tgt Ion	117	Resp	227500
Ion Ratio	Lower	Upper	
117	100		
82	52.5	42.8	64.2
119	32.7	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010638.D

Acq: 31 May 2019 15:56

Instrument :

MSVOA_W

ClientSampled :

8-9-TRACK

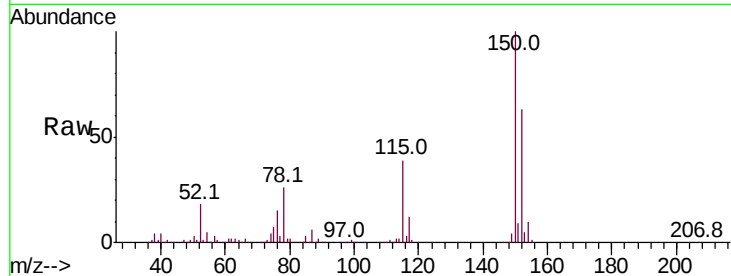
Tot Ion:152 Resp: 82468

Ion Ratio Lower Upper

152 100

115 62.5 30.3 91.0

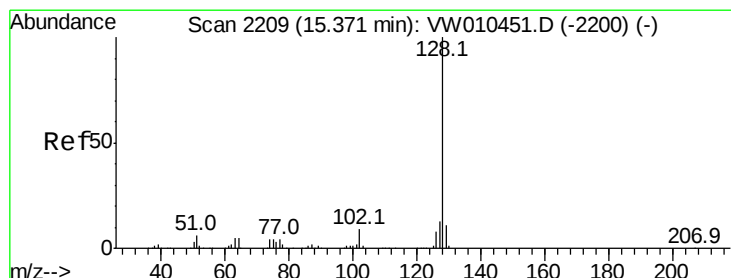
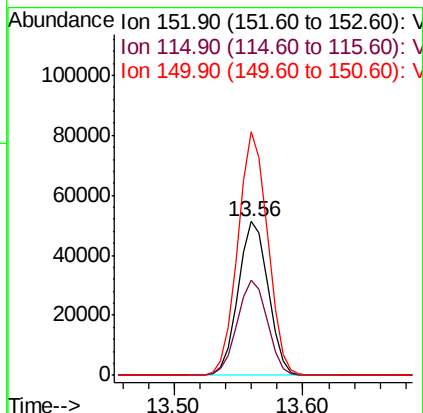
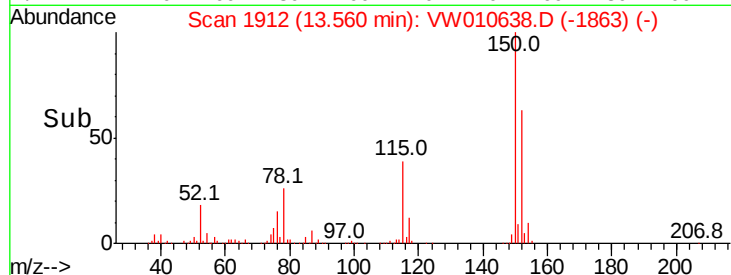
150 157.7 0.0 349.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 2.668 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010638.D

Acq: 31 May 2019 15:56

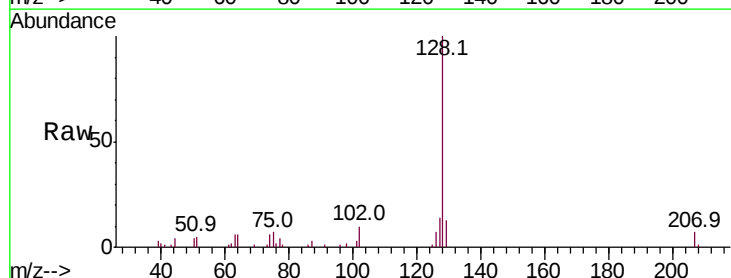
Tgt Ion:128 Resp: 9974

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 11.1 8.9 13.3



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

