

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052419\
 Data File : VW010556.D
 Acq On : 24 May 2019 17:49
 Operator : SY/VA
 Sample : K3052-02
 Misc : 4.96G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-03-007-A

Quant Time: May 25 02:20:16 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

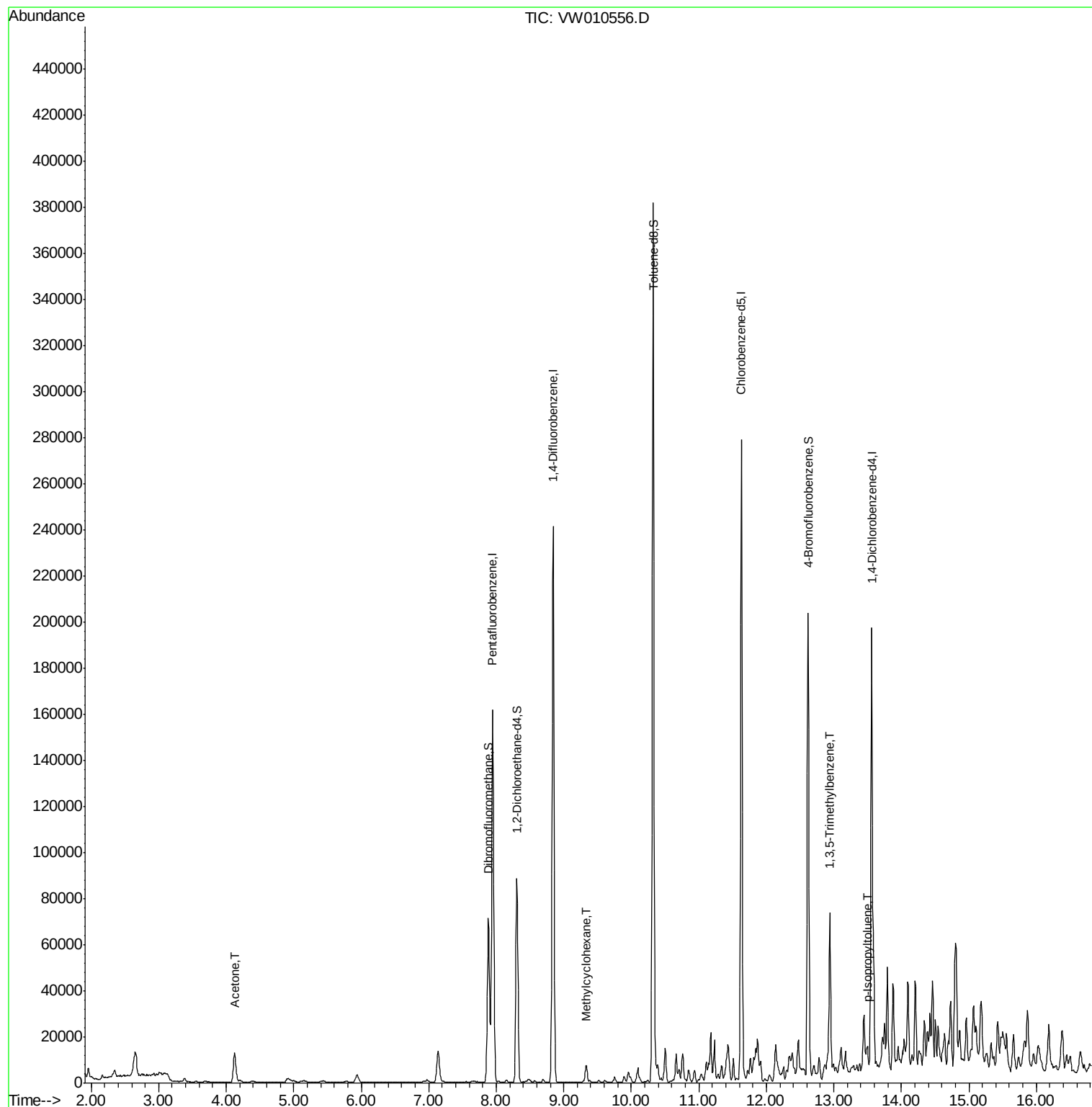
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	116847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	214857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	165158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48957	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68114	56.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.96%	
35) Dibromofluoromethane	7.88	113	52504	40.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.54%	
50) Toluene-d8	10.32	98	251527	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.62	95	72868	36.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.46%	
Target Compounds						
16) Acetone	4.13	43	22323	90.676	ug/l	97
39) Methylcyclohexane	9.33	83	2983m	1.112	ug/l	
80) 1,3,5-Trimethylbenzene	12.94	105	29508	8.968	ug/l	96
86) p-Isopropyltoluene	13.50	119	4233	1.163	ug/l	94

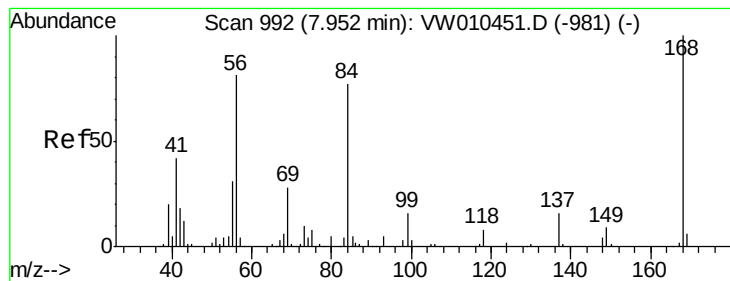
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW052419\
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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# 991

Delta R.T. -0.01 min

Lab File: VW010556.D

Acq: 24 May 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

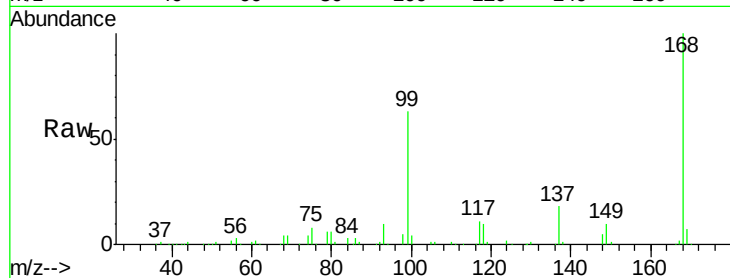
FK-SF-03-007-A

Tot Ion:168 Resp: 116847

Ion Ratio Lower Upper

168 100

99 62.8 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

60000

50000

40000

30000

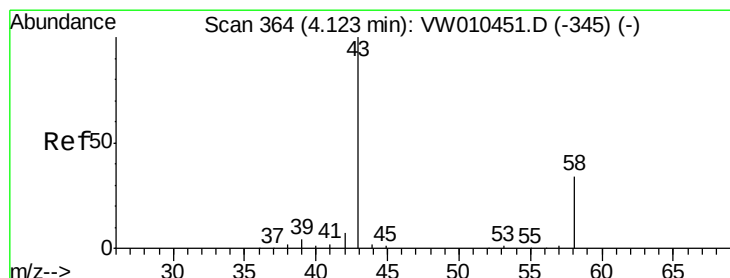
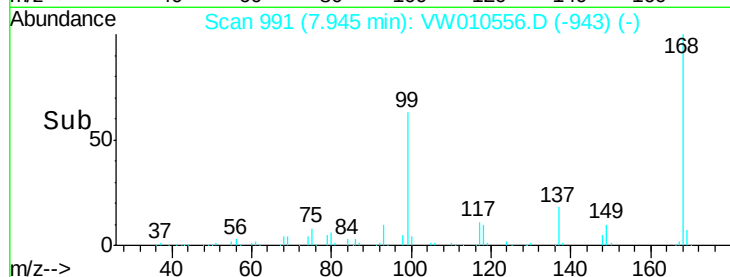
20000

10000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 90.676 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010556.D

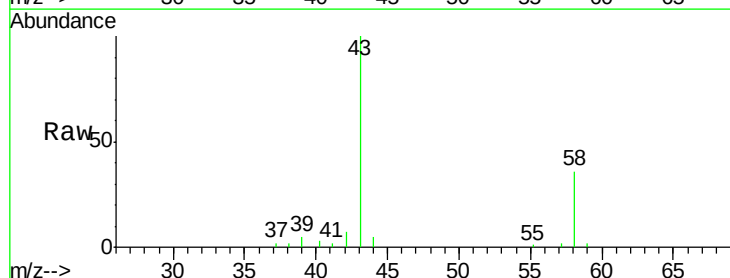
Acq: 24 May 2019 17:49

Tgt Ion: 43 Resp: 22323

Ion Ratio Lower Upper

43 100

58 35.7 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

8000

6000

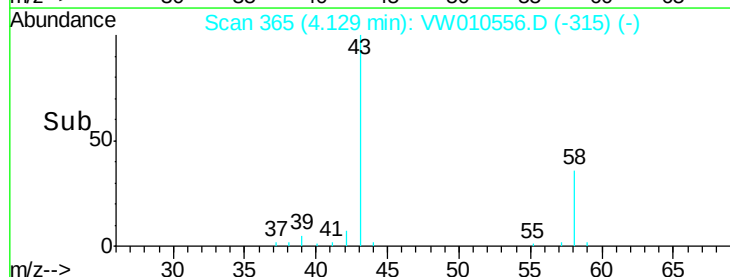
4000

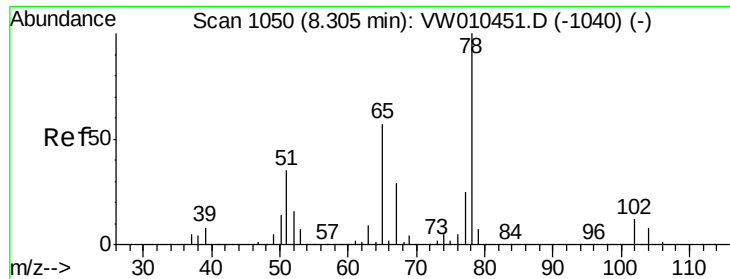
2000

0

Time-->

4.00 4.10 4.20

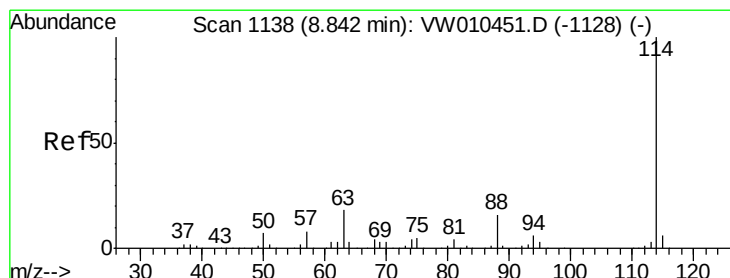
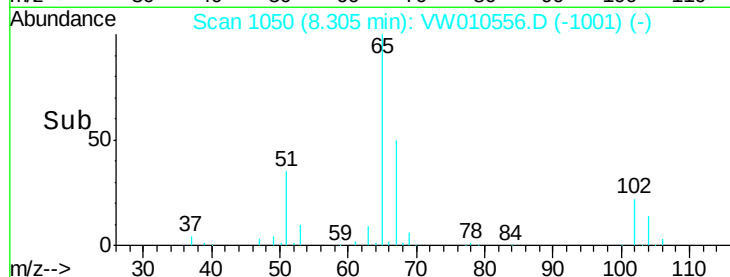
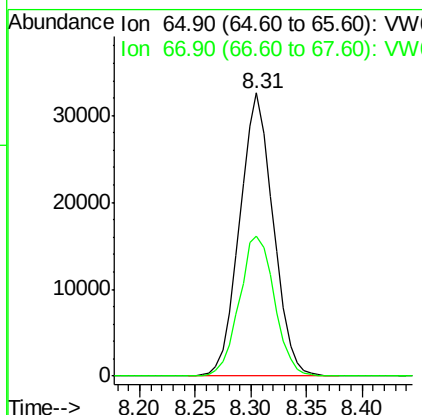
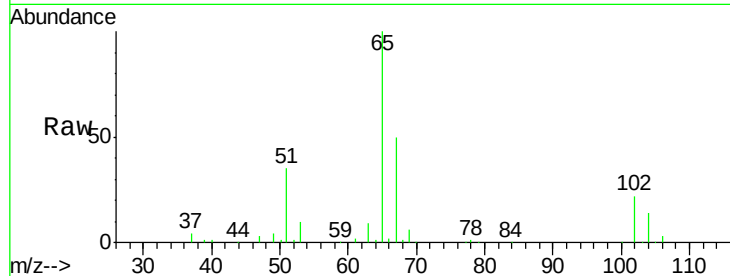




#33
 1,2-Dichloroethane-d4
 Concen: 56.476 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010556.D
 Acq: 24 May 2019 17:49

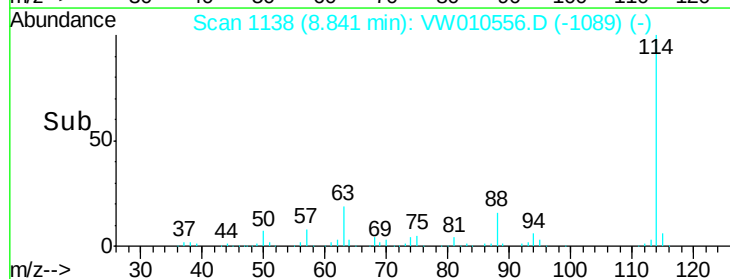
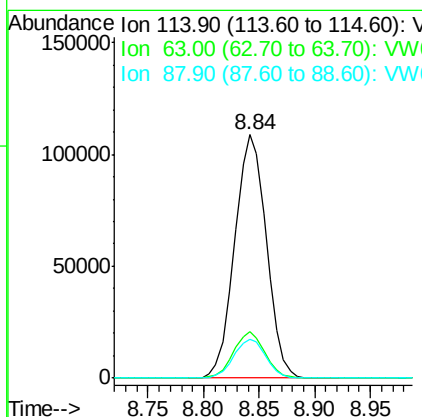
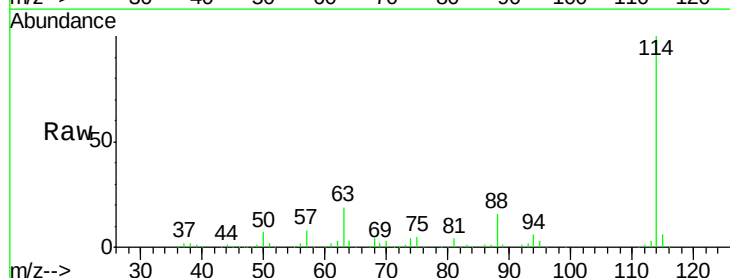
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-03-007-A

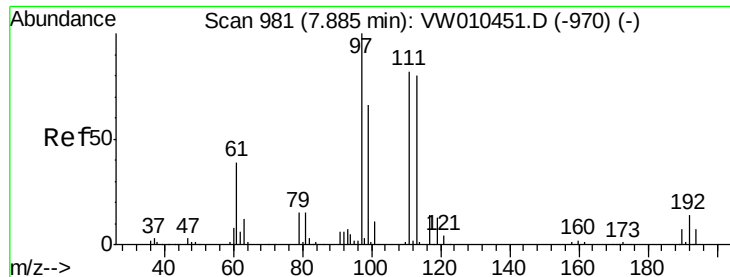
Tot Ion: 65 Resp: 68114
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010556.D
 Acq: 24 May 2019 17:49

Tgt Ion: 114 Resp: 214857
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.0
 88 16.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 40.273 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010556.D

Acq: 24 May 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

FK-SF-03-007-A

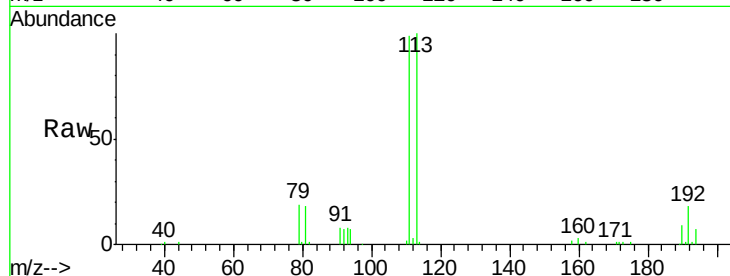
Tot Ion:113 Resp: 52504

Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

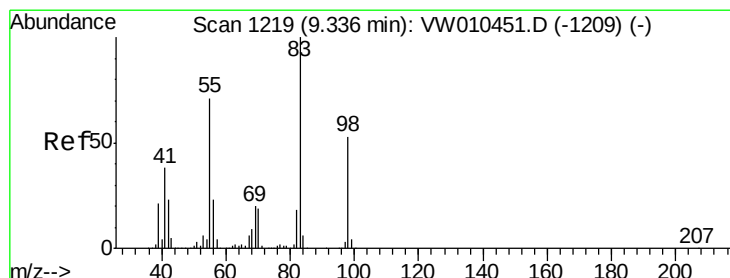
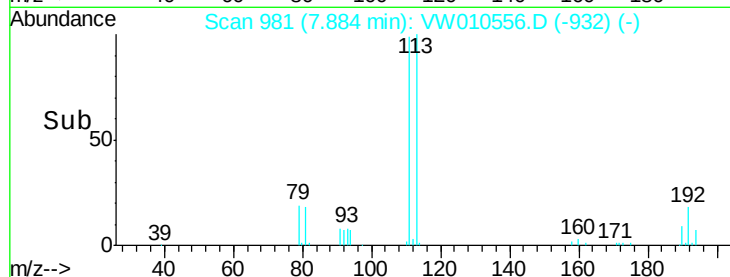
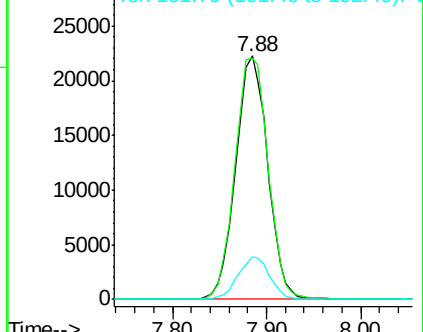
192 17.2 14.3 21.5



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



#39

Methylcyclohexane

Concen: 1.112 ug/l m

RT: 9.33 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VW010556.D

Acq: 24 May 2019 17:49

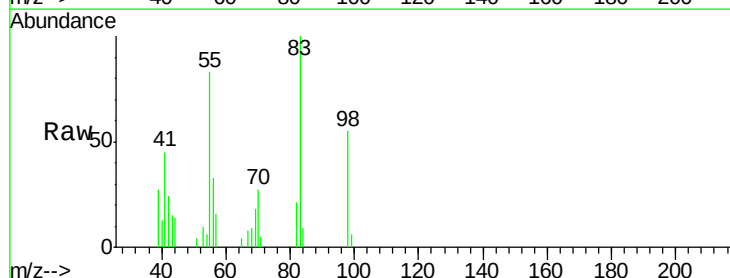
Tgt Ion: 83 Resp: 2983

Ion Ratio Lower Upper

83 100

55 83.5 57.0 85.6

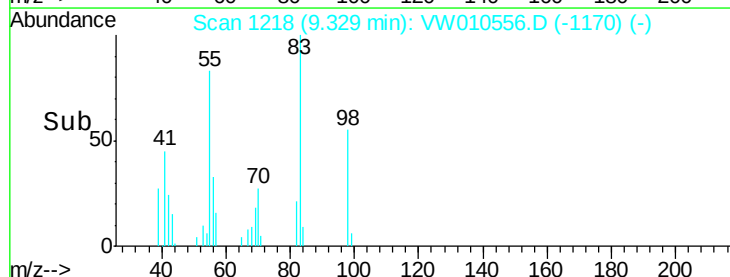
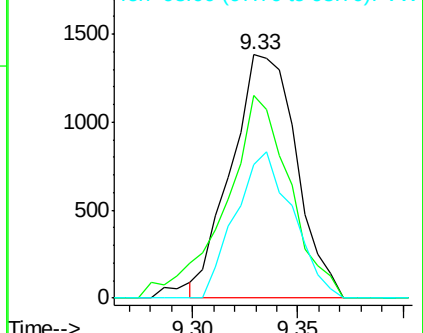
98 54.8 42.0 63.0

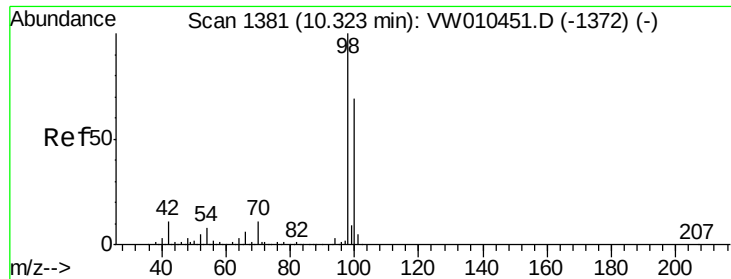


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 50.503 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010556.D

Acq: 24 May 2019 17:49

Instrument :

MSVOA_W

ClientSampleId :

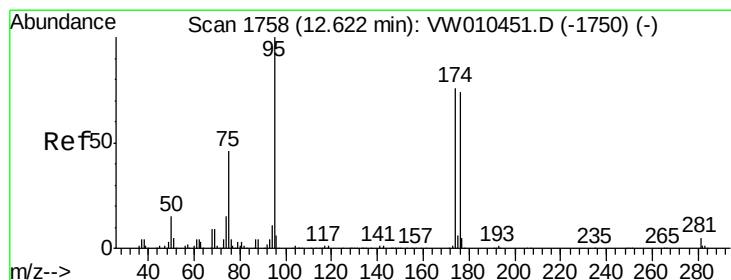
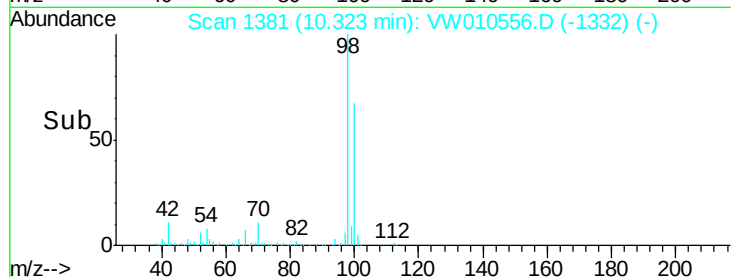
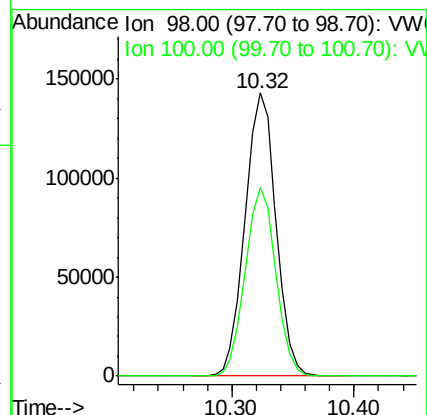
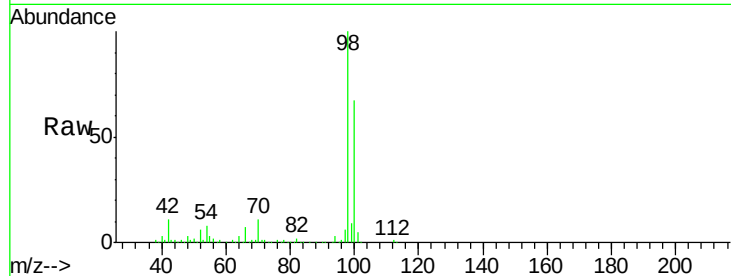
FK-SF-03-007-A

Tot Ion: 98 Resp: 251527

Ion Ratio Lower Upper

98 100

100 65.9 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 36.732 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010556.D

Acq: 24 May 2019 17:49

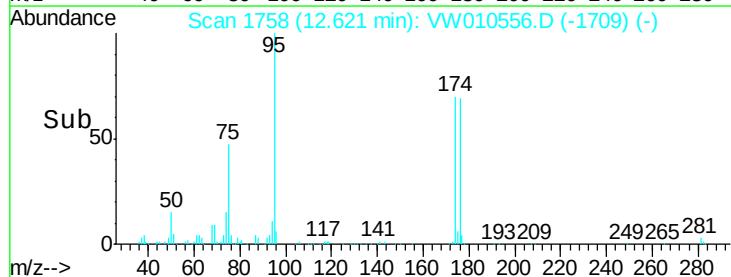
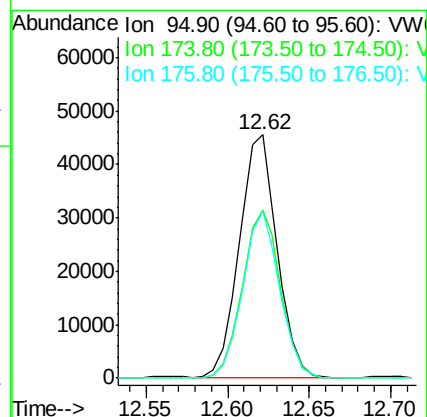
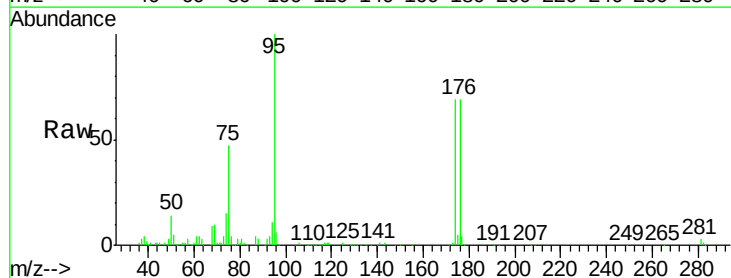
Tgt Ion: 95 Resp: 72868

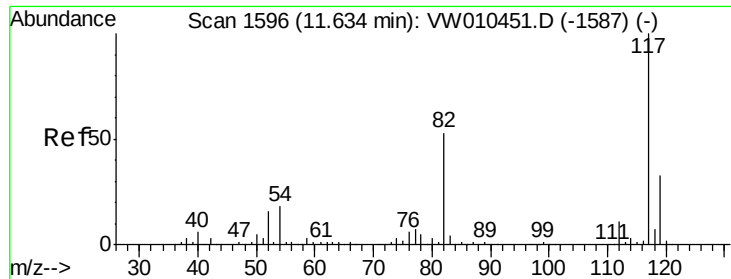
Ion Ratio Lower Upper

95 100

174 70.2 0.0 148.6

176 67.3 0.0 144.2

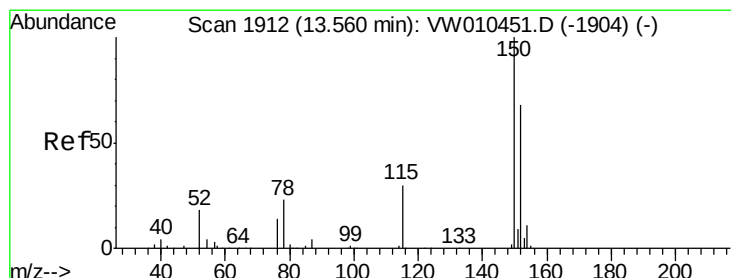
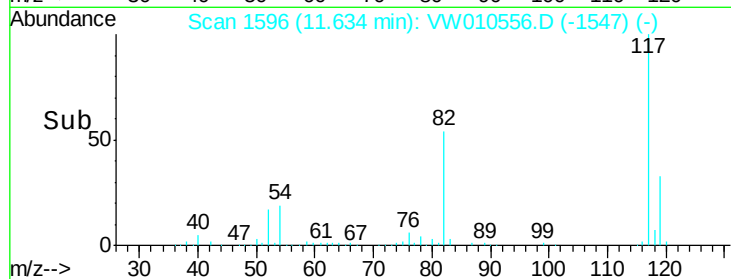
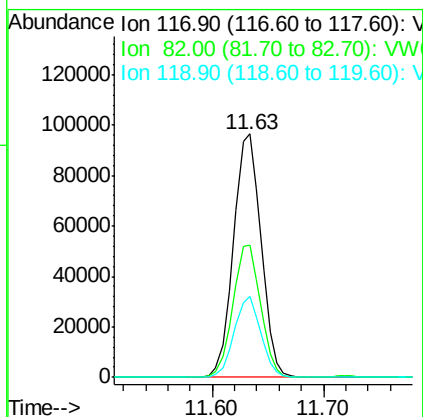
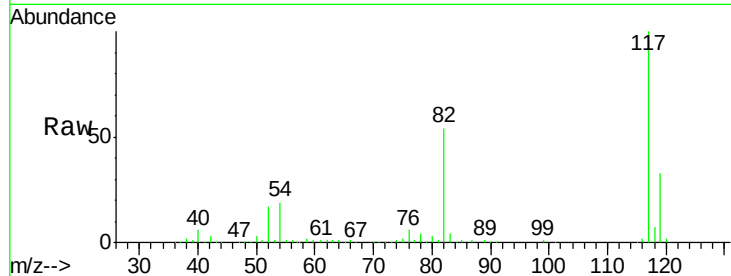




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010556.D
Acq: 24 May 2019 17:49

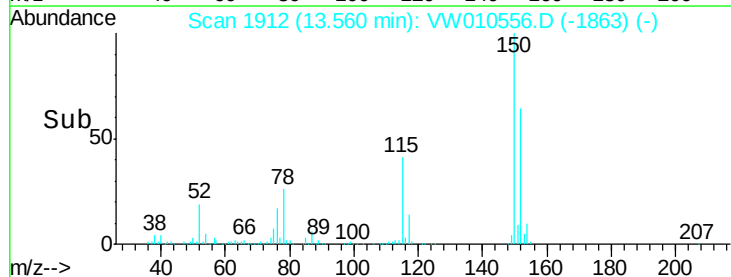
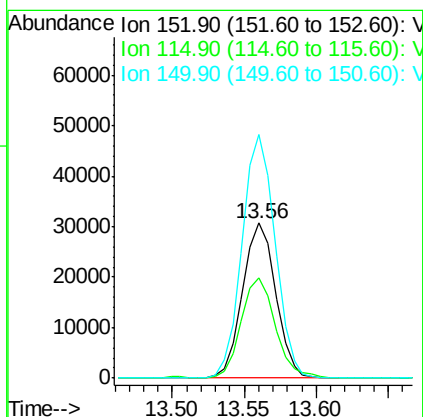
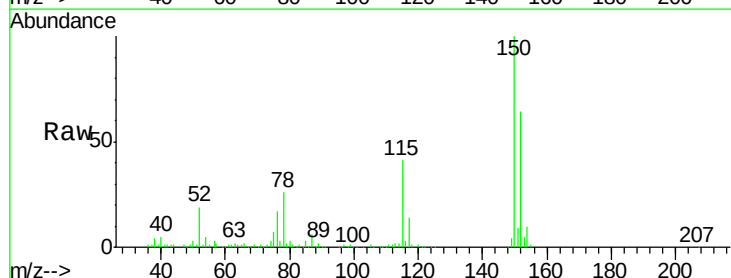
Instrument :
MSVOA_W
ClientSampleId :
FK-SF-03-007-A

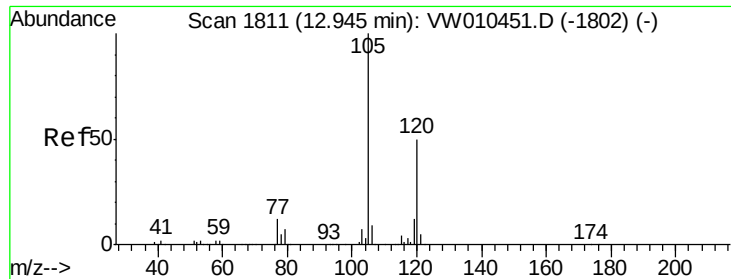
Tot Ion:117 Resp: 165158
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 33.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010556.D
Acq: 24 May 2019 17:49

Tgt Ion:152 Resp: 48957
Ion Ratio Lower Upper
152 100
115 66.8 30.3 91.0
150 156.2 0.0 349.8

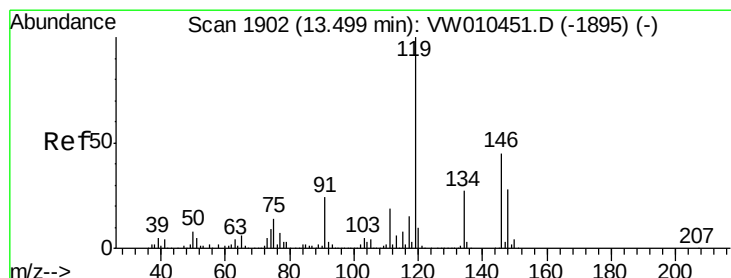
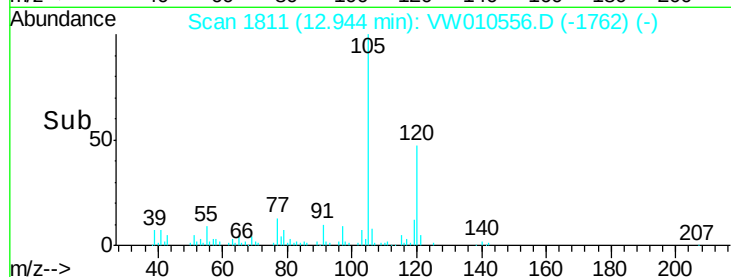
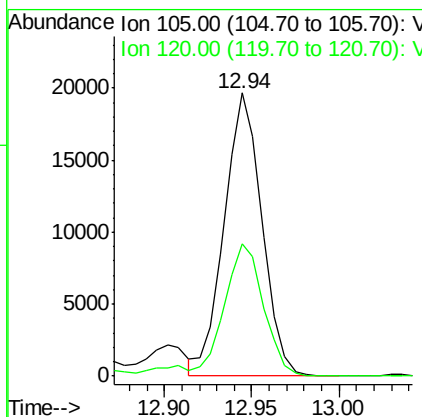
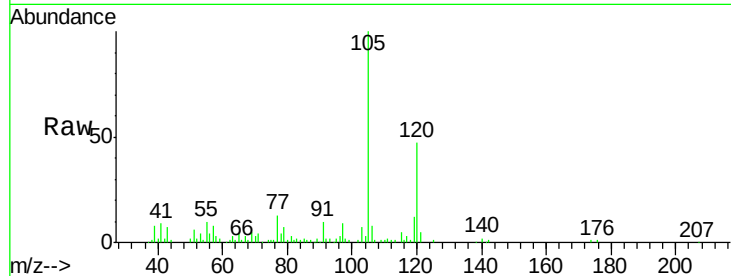




#80
 1,3,5-Trimethylbenzene
 Concen: 8.968 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW010556.D
 Acq: 24 May 2019 17:49

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-SF-03-007-A

Tot Ion:105 Resp: 29508
 Ion Ratio Lower Upper
 105 100
 120 48.0 25.2 75.6



#86
 p-Isopropyltoluene
 Concen: 1.163 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010556.D
 Acq: 24 May 2019 17:49

Tgt Ion:119 Resp: 4233
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.6 40.7
 91 28.1 11.9 35.7

