

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053119\
 Data File : VW010648.D
 Acq On : 31 May 2019 20:31
 Operator : SY/VA
 Sample : K3125-21RE
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 13903

Quant Time: Jun 01 06:45:53 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

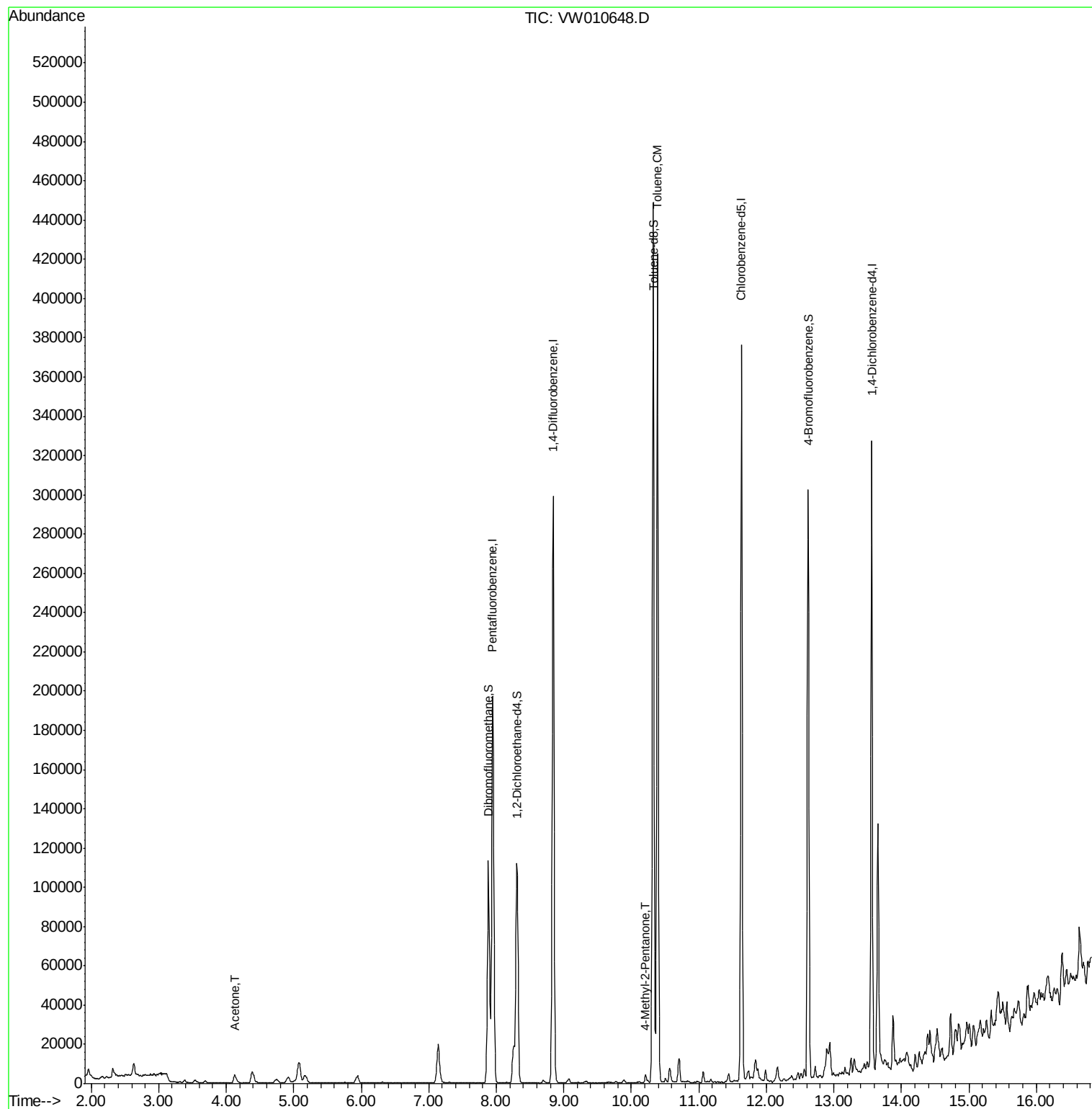
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	154238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	273475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	223223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	86704	54.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.92%	
35) Dibromofluoromethane	7.88	113	80854	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
50) Toluene-d8	10.32	98	312524	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.62	95	106338	42.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.22%	
Target Compounds						
16) Acetone	4.12	43	7781	23.944	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	3120	2.845	ug/l	93
52) Toluene	10.39	92	190554	40.072	ug/l	98

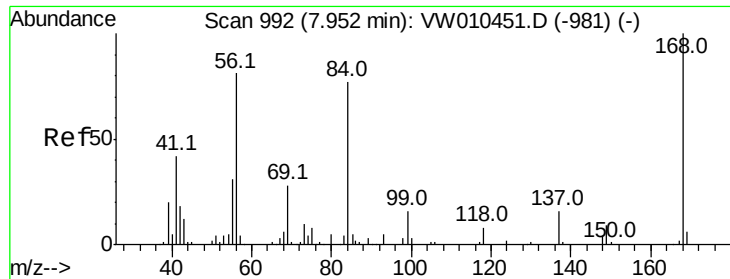
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW053119\
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Operator : SY/VA
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ALS Vial : 21 Sample Multiplier: 1

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MSVOA_W
ClientSampleId :
13903

Quant Time: Jun 01 06:45:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
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: VW010648.D

Acq: 31 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

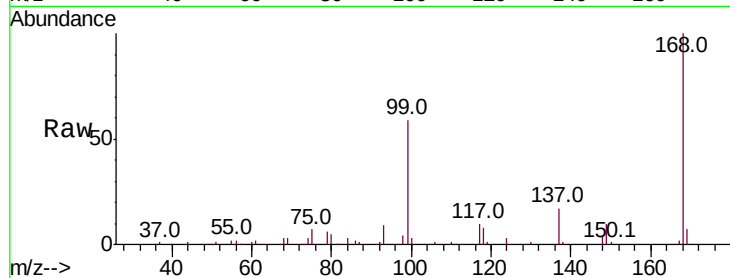
13903

Tot Ion:168 Resp: 154238

Ion Ratio Lower Upper

168 100

99 58.7 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

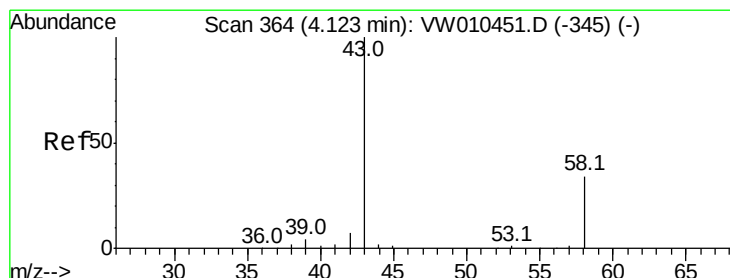
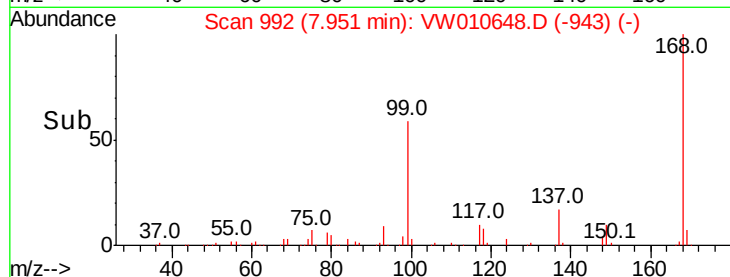
20000

0

7.90

8.00

Time-->



#16

Acetone

Concen: 23.944 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW010648.D

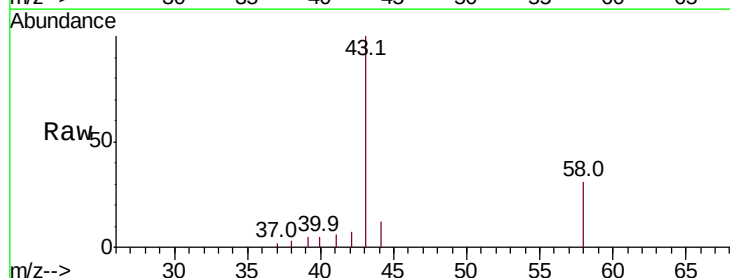
Acq: 31 May 2019 20:31

Tgt Ion: 43 Resp: 7781

Ion Ratio Lower Upper

43 100

58 30.8 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

3000

2500

2000

1500

1000

500

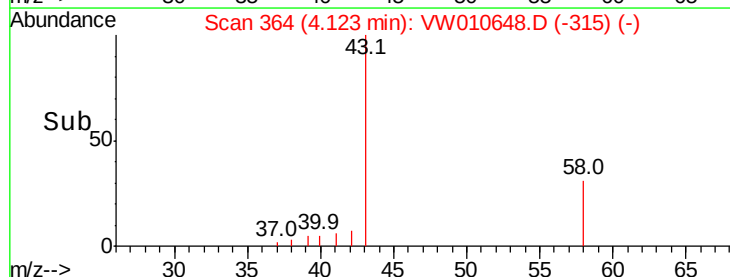
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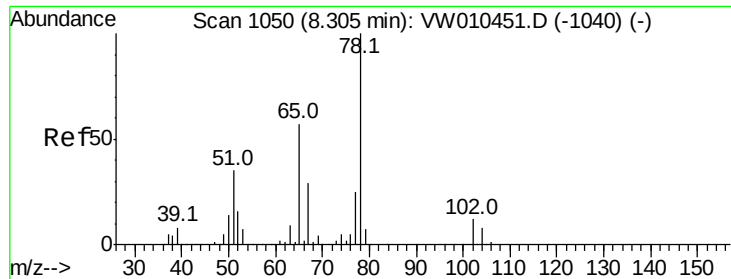
4.00

4.10

4.20

Time-->

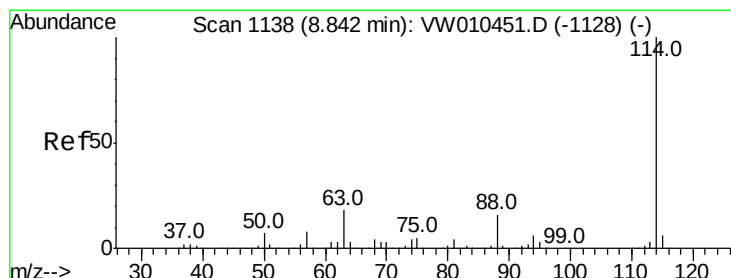
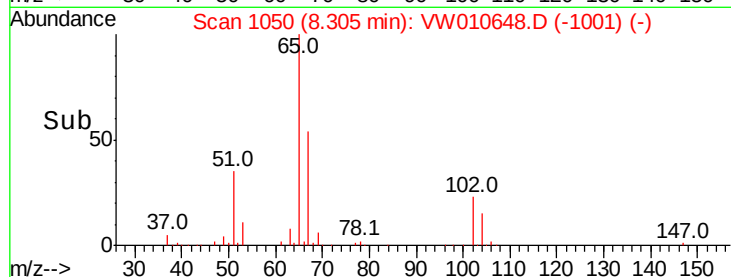
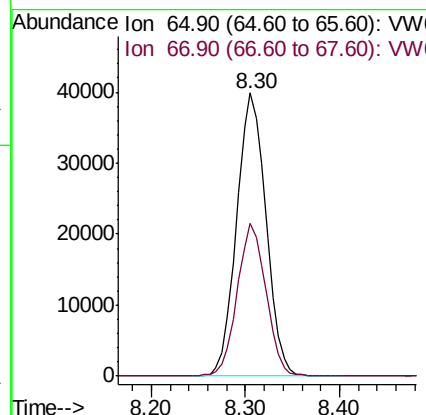
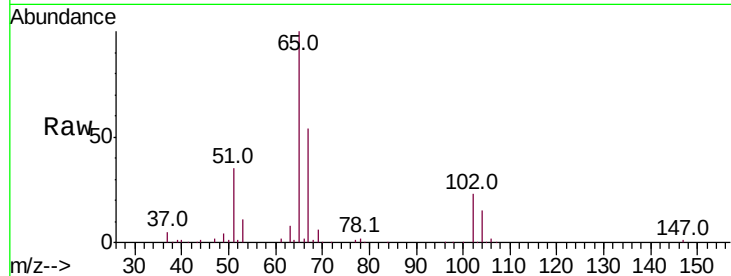




#33
 1,2-Dichloroethane-d4
 Concen: 54.462 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010648.D
 Acq: 31 May 2019 20:31

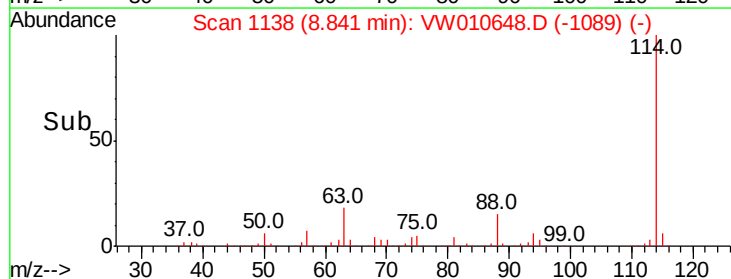
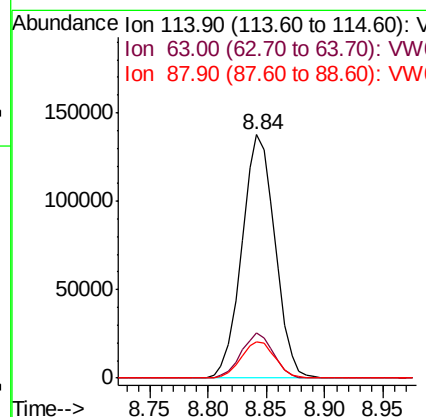
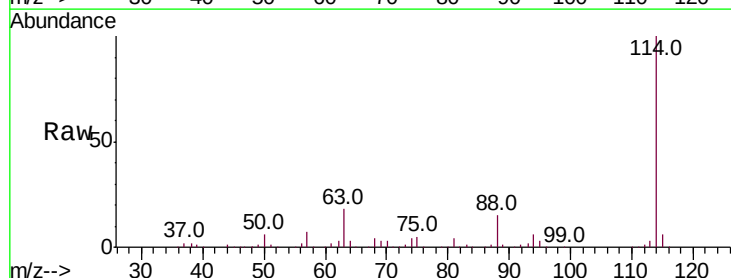
Instrument :
 MSVOA_W
 ClientSampled :
 13903

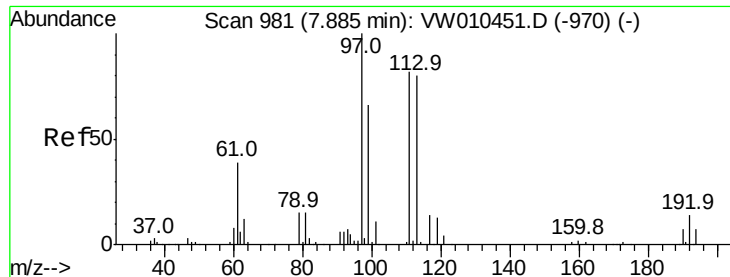
Tot Ion: 65 Resp: 86704
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010648.D
 Acq: 31 May 2019 20:31

Tgt Ion: 114 Resp: 273475
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.0
 88 15.1 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.725 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010648.D

Acq: 31 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

13903

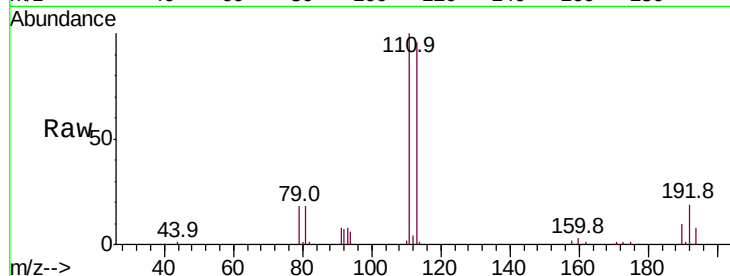
Tot Ion:113 Resp: 80854

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

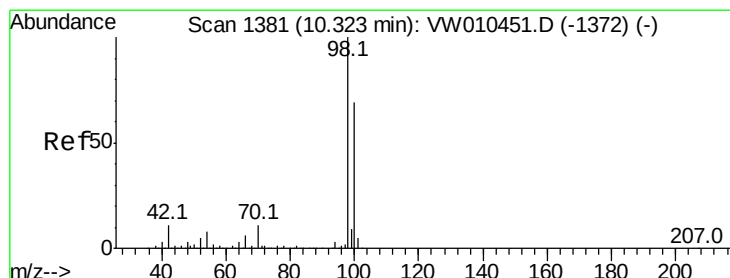
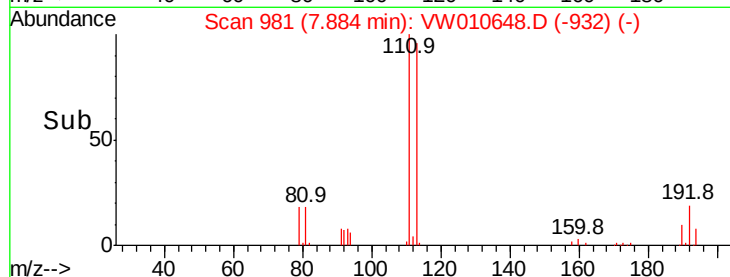
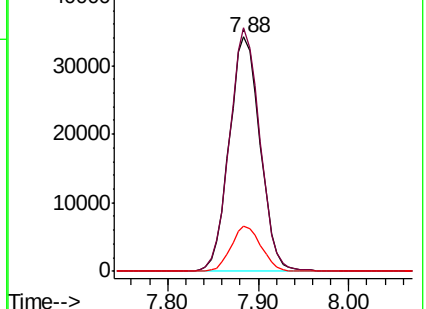
192 18.7 14.3 21.5



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



#50

Toluene-d8

Concen: 49.300 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010648.D

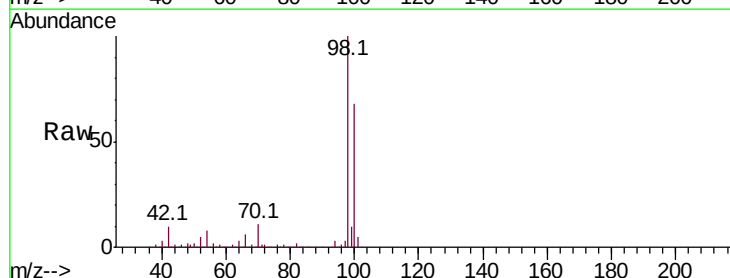
Acq: 31 May 2019 20:31

Tgt Ion: 98 Resp: 312524

Ion Ratio Lower Upper

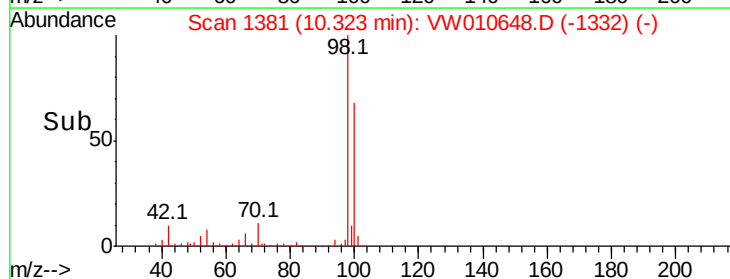
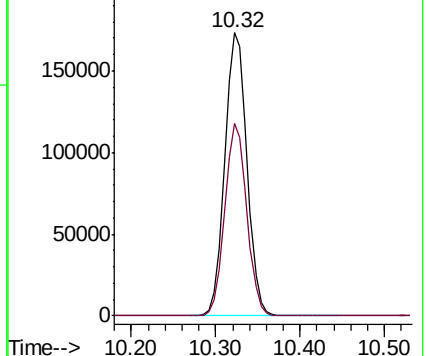
98 100

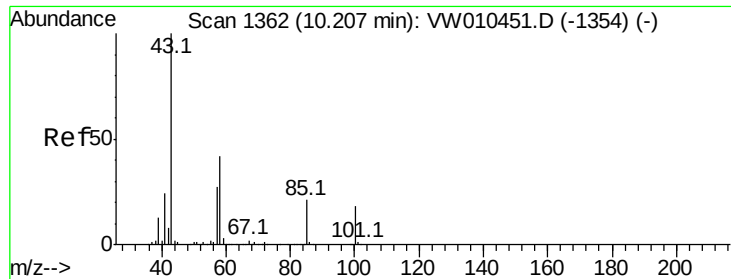
100 67.4 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): V

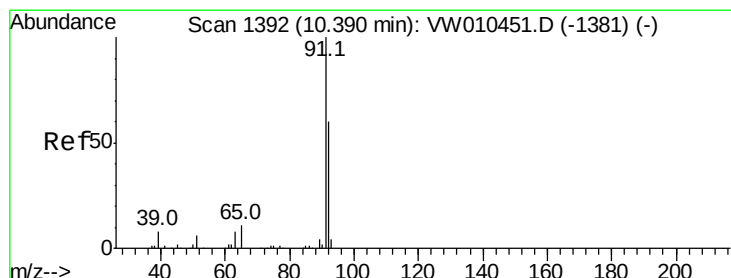
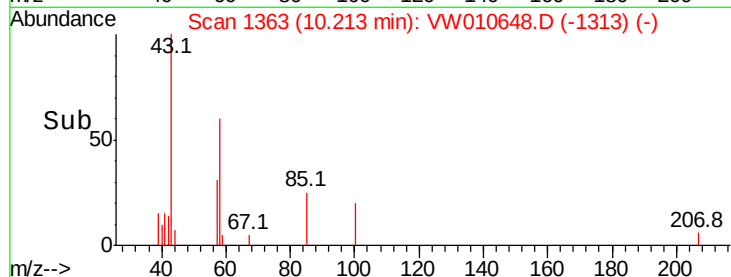
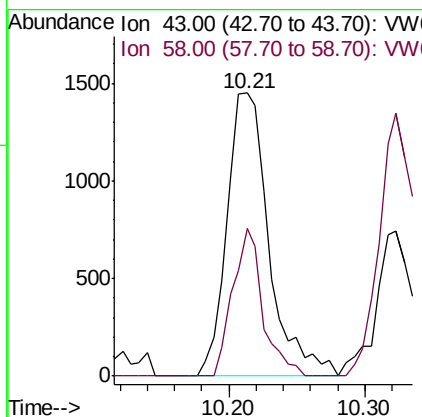
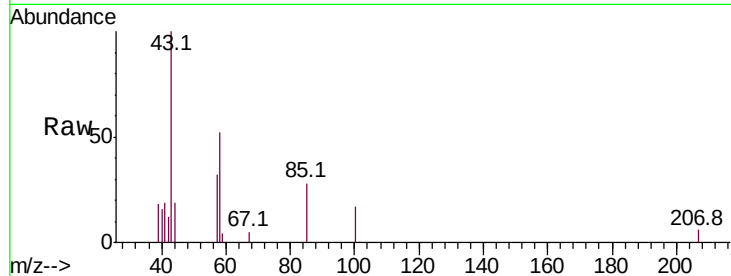




#51
4-Methyl-2-Pentanone
Concen: 2.845 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW010648.D
Acq: 31 May 2019 20:31

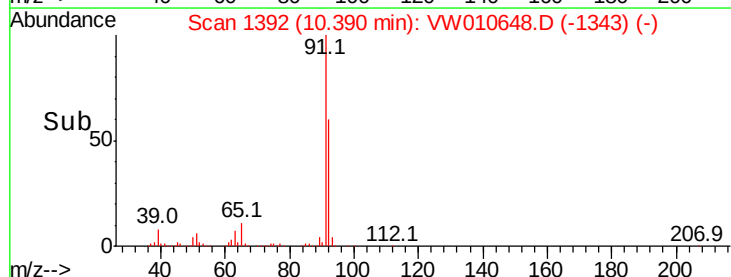
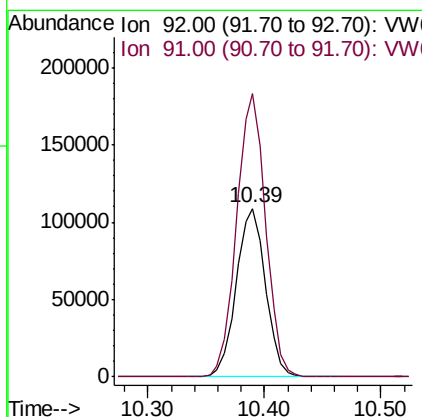
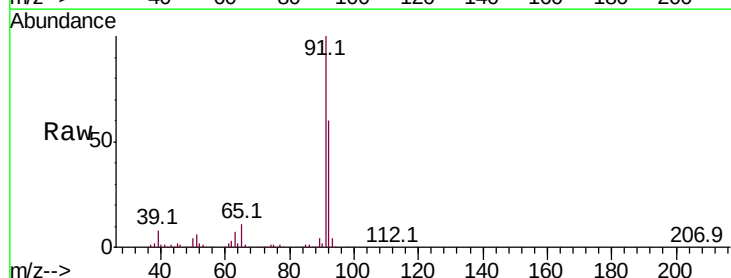
Instrument :
MSVOA_W
ClientSampled :
13903

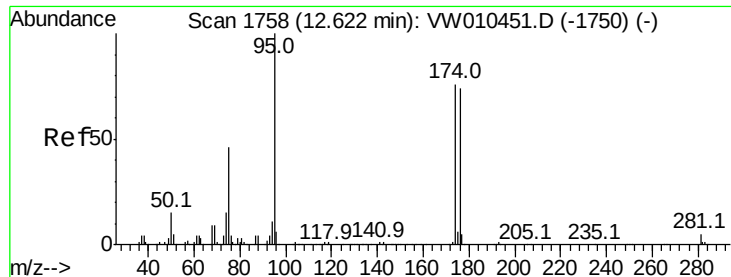
Tot Ion: 43 Resp: 3120
Ion Ratio Lower Upper
43 100
58 37.2 33.2 49.8



#52
Toluene
Concen: 40.072 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010648.D
Acq: 31 May 2019 20:31

Tgt Ion: 92 Resp: 190554
Ion Ratio Lower Upper
92 100
91 166.5 135.4 203.0

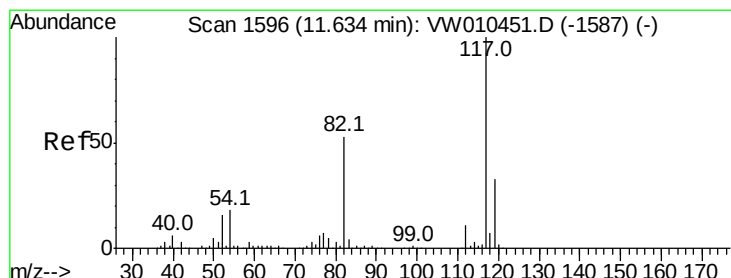
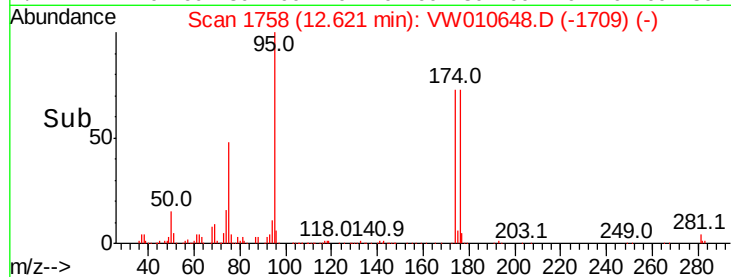
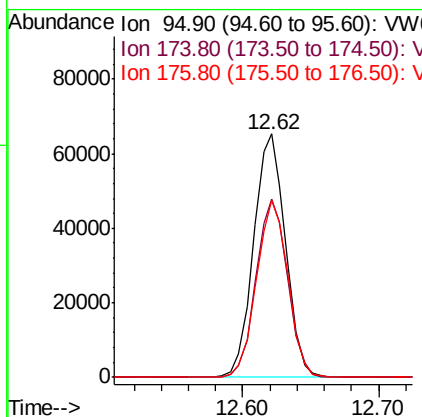
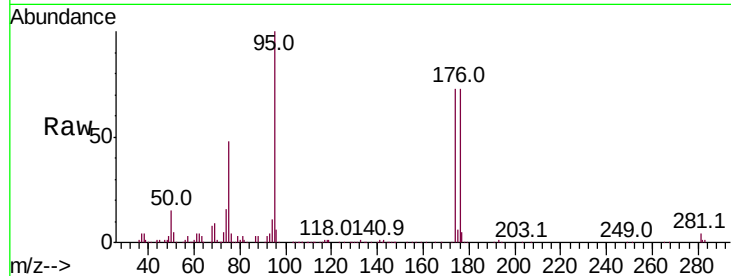




#62
4-Bromofluorobenzene
Concen: 42.114 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010648.D
Acq: 31 May 2019 20:31

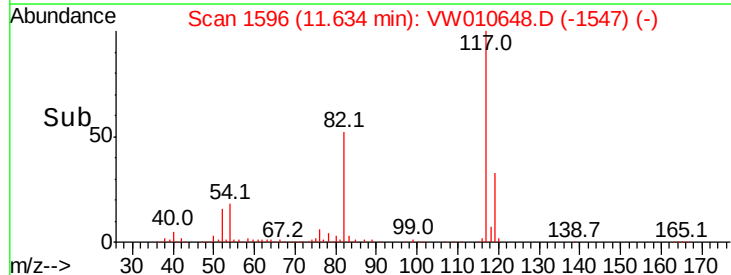
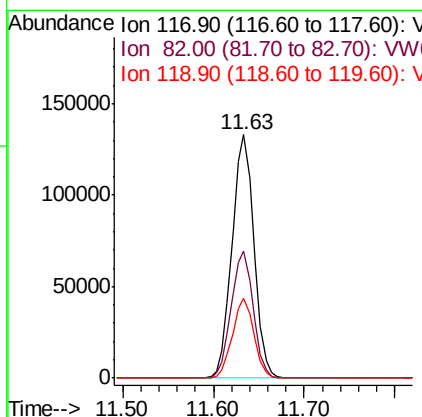
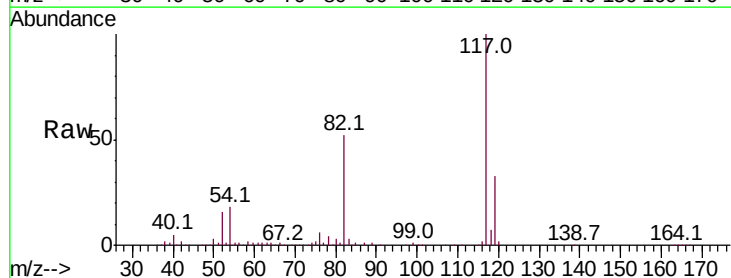
Instrument :
MSVOA_W
ClientSampleId :
13903

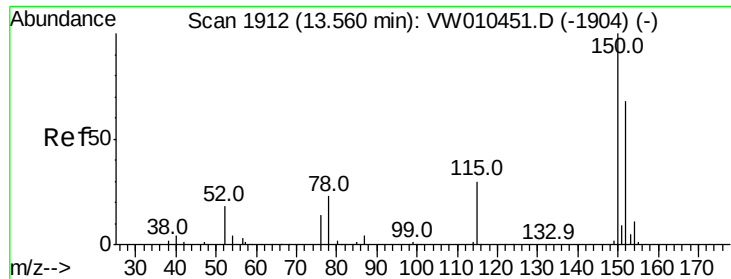
Tot Ion	95	Resp	106338
Ion Ratio	Lower	Upper	
95	100		
174	73.2	0.0	148.6
176	72.1	0.0	144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010648.D
Acq: 31 May 2019 20:31

Tgt Ion	117	Resp	223223
Ion Ratio	Lower	Upper	
117	100		
82	52.3	42.8	64.2
119	32.6	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: VW010648.D

Acq: 31 May 2019 20:31

Instrument :

MSVOA_W

ClientSampleId :

13903

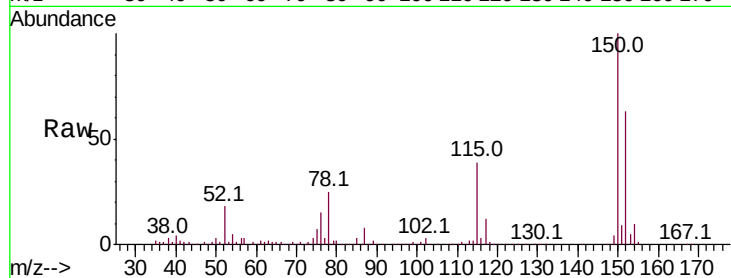
Tot Ion:152 Resp: 82849

Ion Ratio Lower Upper

152 100

115 60.8 30.3 91.0

150 155.6 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

