

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013337.D
 Acq On : 30 Sep 2019 17:01
 Operator : SY/VA
 Sample : K5083-06
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190703-RR-COMPOSITE-3

Quant Time: Sep 30 18:19:40 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

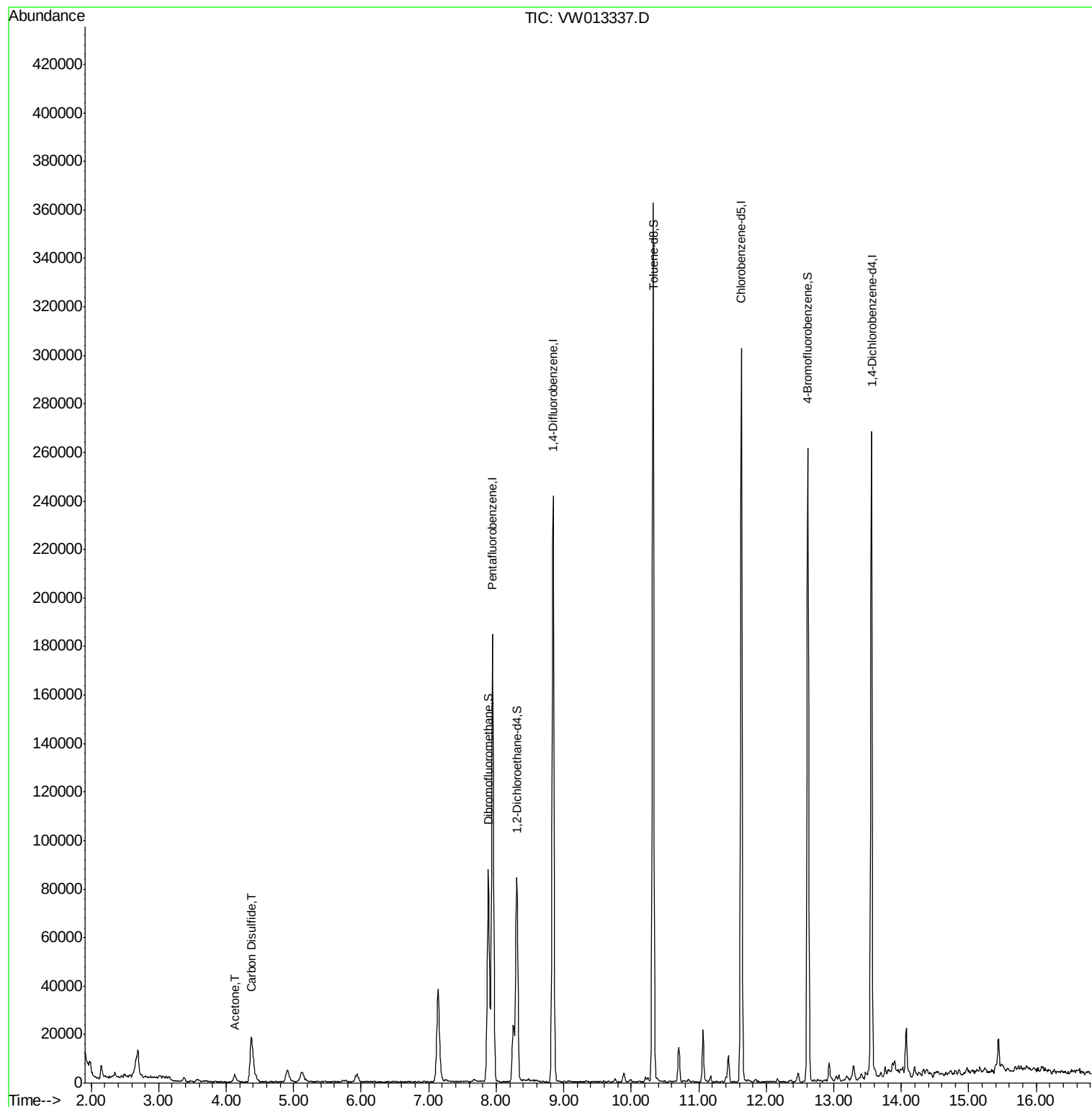
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	149690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	211181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	179298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	65825	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
35) Dibromofluoromethane	7.88	113	63881	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.00%	
50) Toluene-d8	10.32	98	242704	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	76297	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
Target Compounds						
16) Acetone	4.13	43	5243	19.031	ug/l	91
17) Carbon Disulfide	4.37	76	38501	9.576	ug/l	96

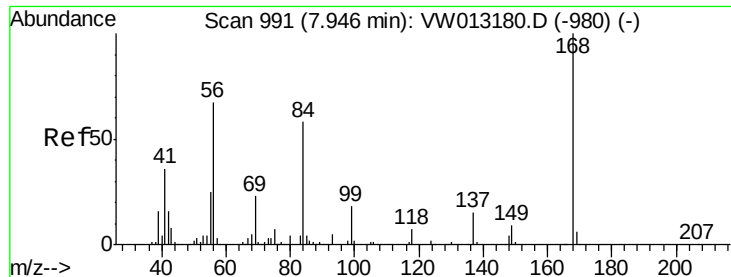
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013337.D

Acq: 30 Sep 2019 17:01

Instrument :

MSVOA_W

ClientSampleId :

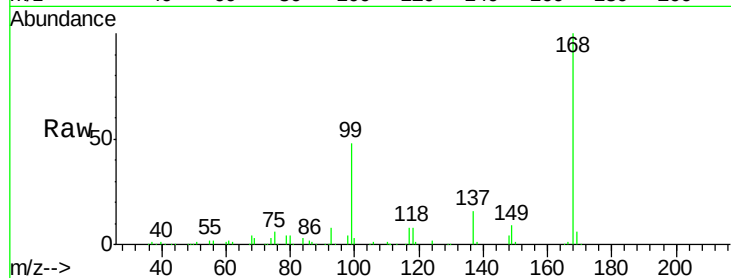
20190703-RR-COMPOSITE-3

Tot Ion:168 Resp: 149690

Ion Ratio Lower Upper

168 100

99 48.5 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

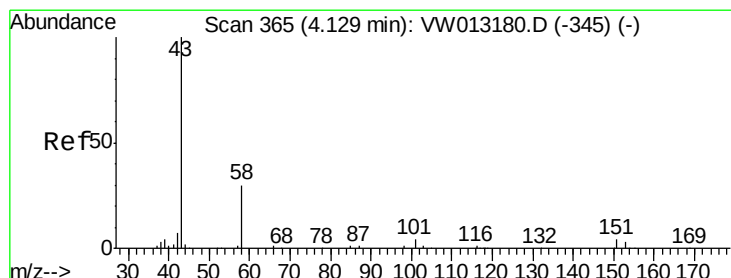
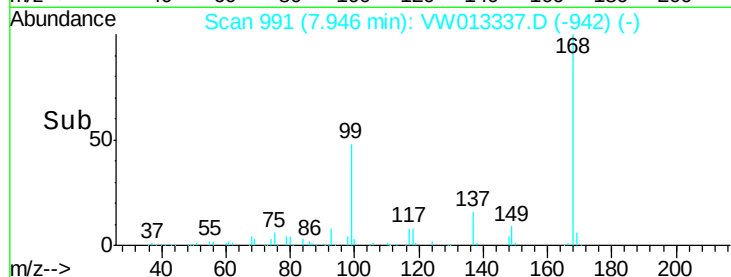
40000

20000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 19.031 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW013337.D

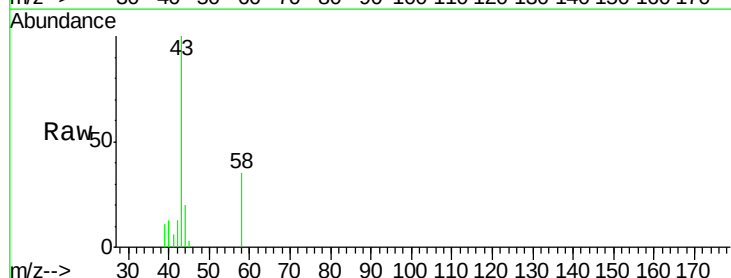
Acq: 30 Sep 2019 17:01

Tgt Ion: 43 Resp: 5243

Ion Ratio Lower Upper

43 100

58 35.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2000

1500

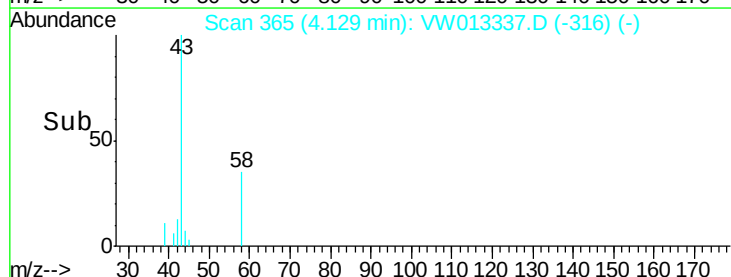
1000

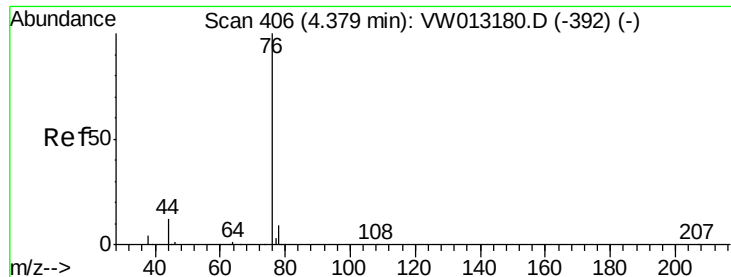
500

0

4.05 4.10 4.15 4.20

Time-->





#17

Carbon Disulfide

Concen: 9.576 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013337.D

Acq: 30 Sep 2019 17:01

Instrument :

MSVOA_W

ClientSampleId :

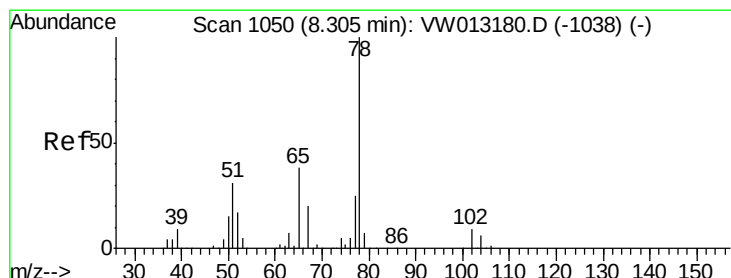
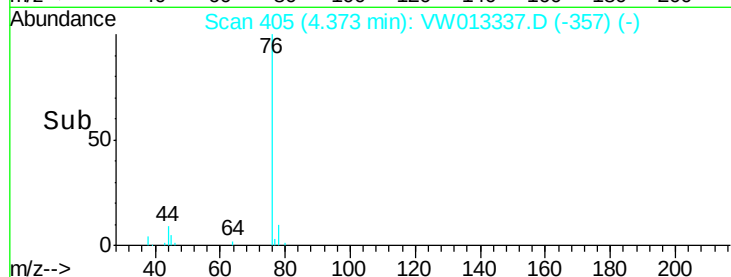
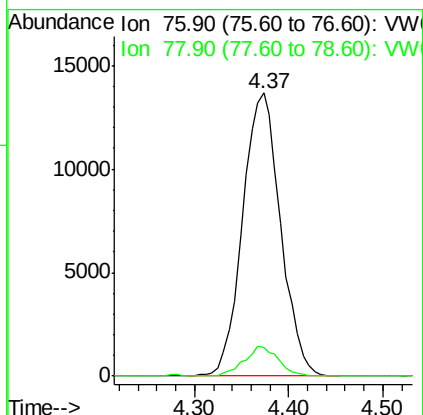
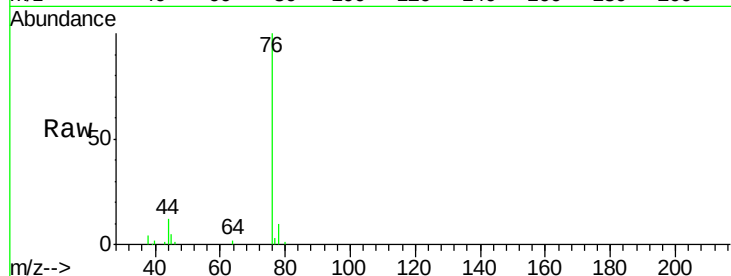
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Tot Ion: 76 Resp: 38501

Ion Ratio Lower Upper

76 100

78 10.3 7.0 10.4



#33

1,2-Dichloroethane-d4

Concen: 53.880 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013337.D

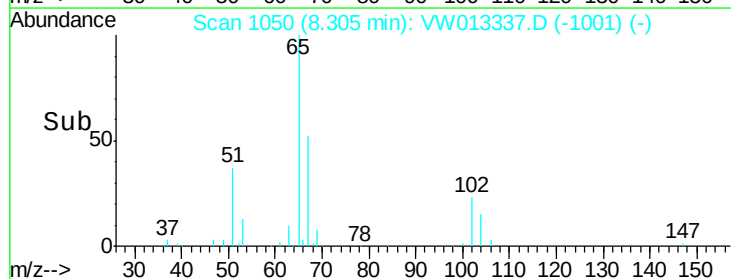
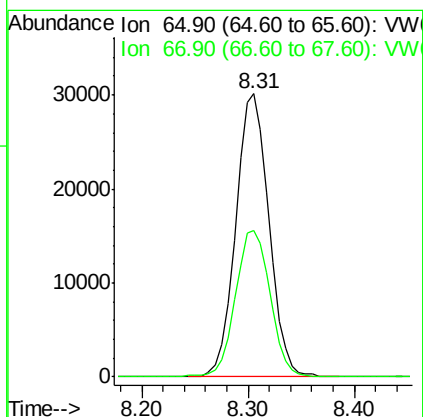
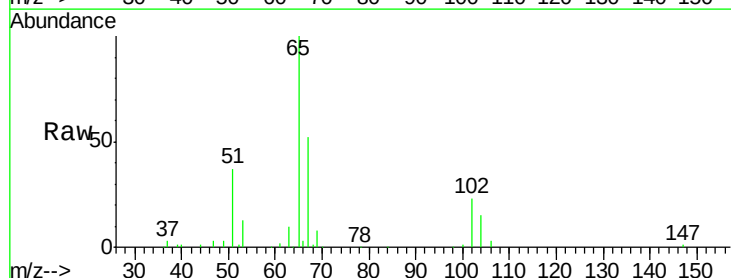
Acq: 30 Sep 2019 17:01

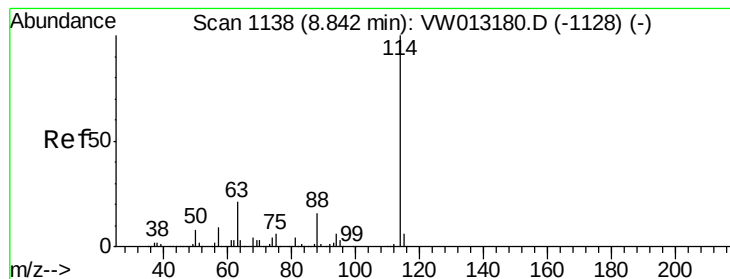
Tgt Ion: 65 Resp: 65825

Ion Ratio Lower Upper

65 100

67 54.5 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013337.D

Acq: 30 Sep 2019 17:01

Instrument :

MSVOA_W

ClientSampleId :

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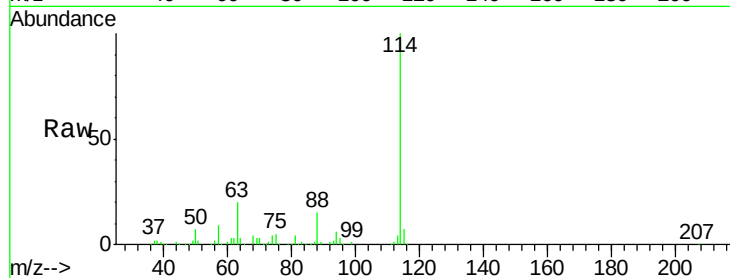
Tot Ion:114 Resp: 211181

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

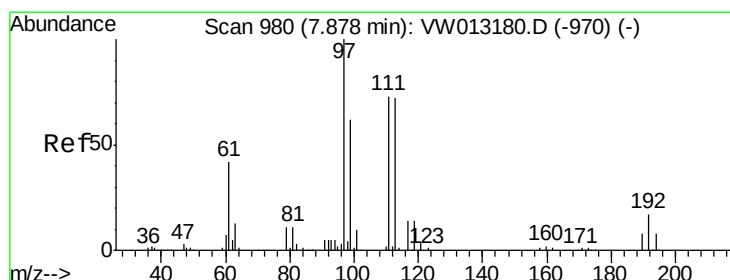
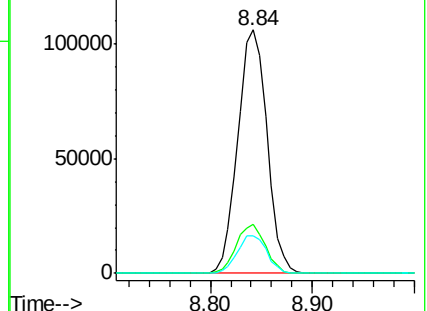
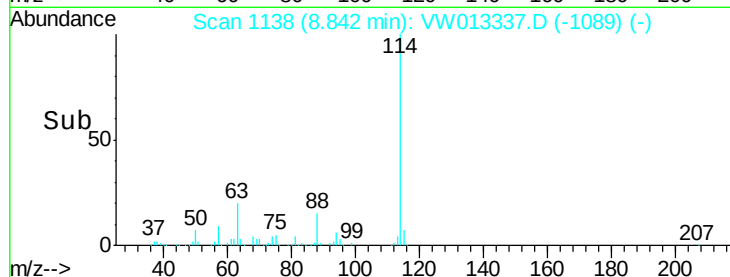
88 15.4 0.0 32.0



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: 54.999 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013337.D

Acq: 30 Sep 2019 17:01

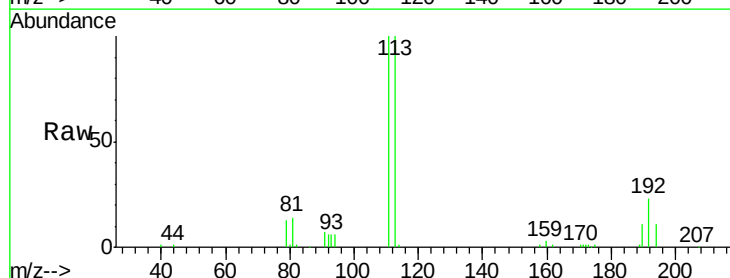
Tgt Ion:113 Resp: 63881

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

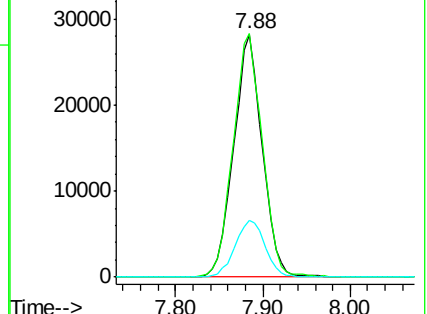
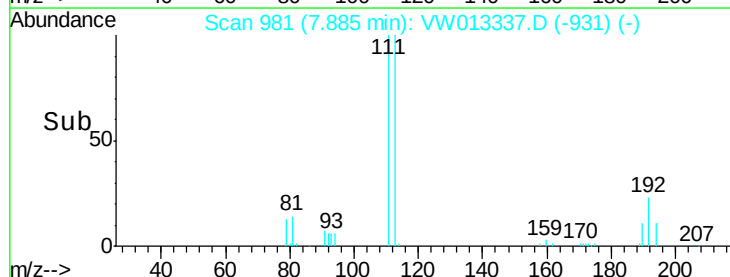
192 24.4 19.1 28.7

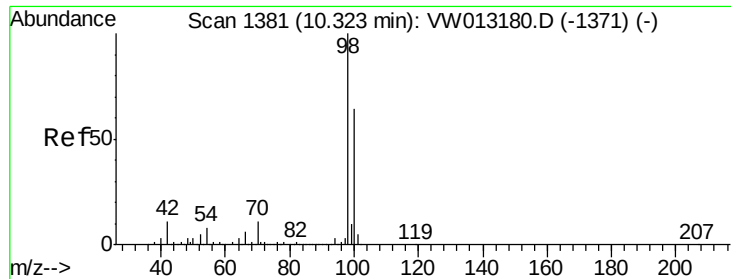


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

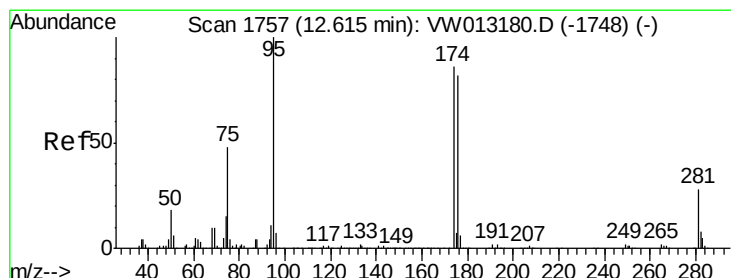
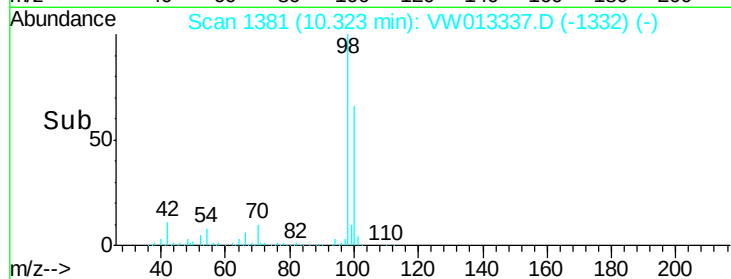
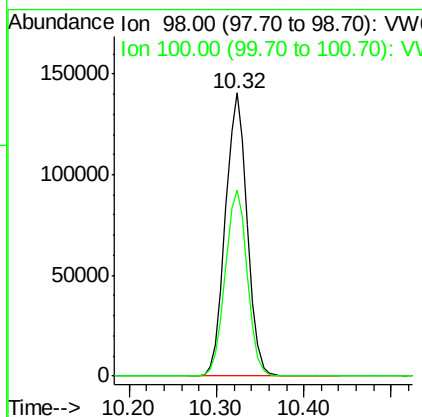
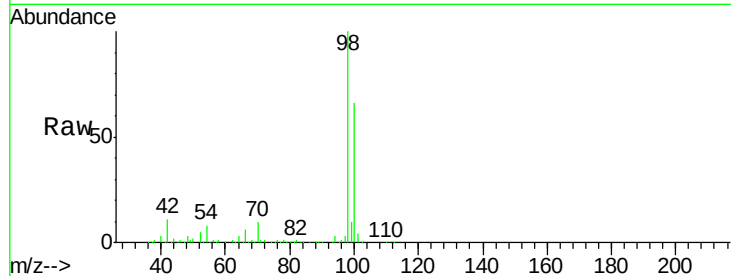




#50
Toluene-d8
Concen: 49.929 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013337.D
Acq: 30 Sep 2019 17:01

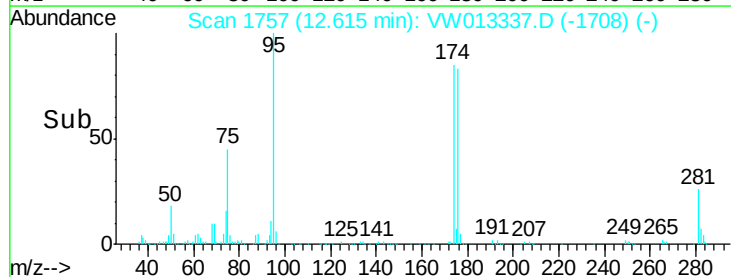
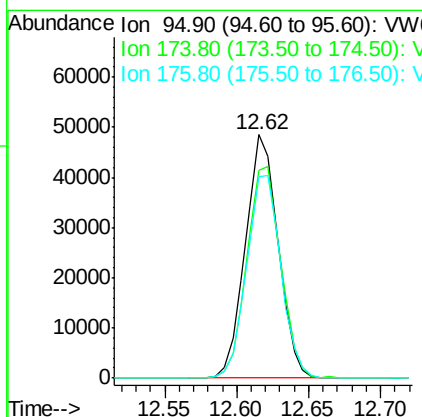
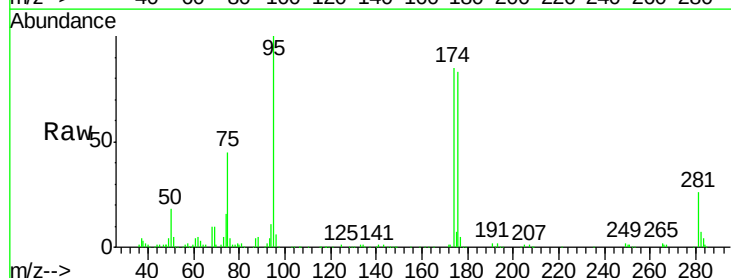
Instrument :
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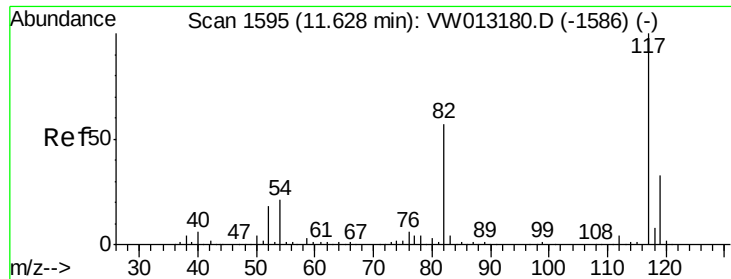
Tot Ion: 98 Resp: 242704
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 45.949 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013337.D
Acq: 30 Sep 2019 17:01

Tgt Ion: 95 Resp: 76297
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.4
176 86.6 0.0 172.2

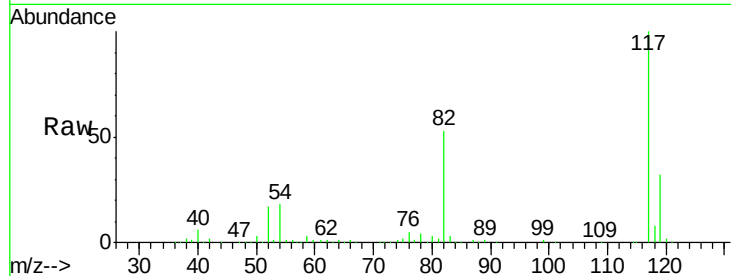




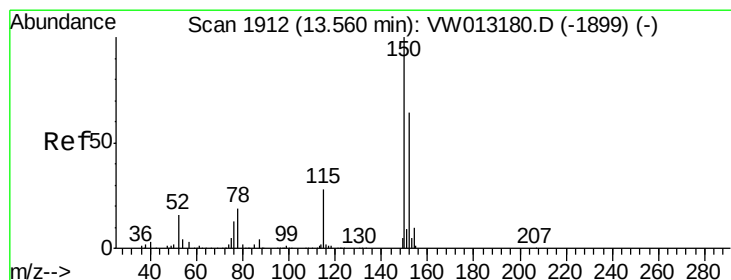
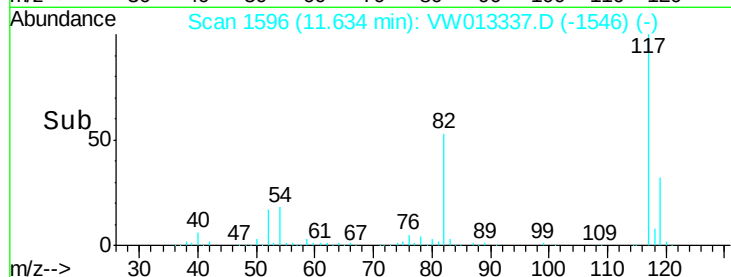
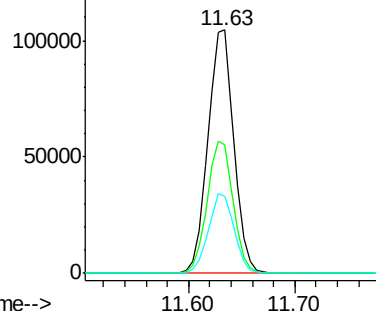
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013337.D
Acq: 30 Sep 2019 17:01

Instrument :
MSVOA_W
ClientSampleId :
20190703-RR-COMPOSITE-3

Tot Ion:117 Resp: 179298
Ion Ratio Lower Upper
117 100
82 52.5 45.9 68.9
119 32.0 26.2 39.2

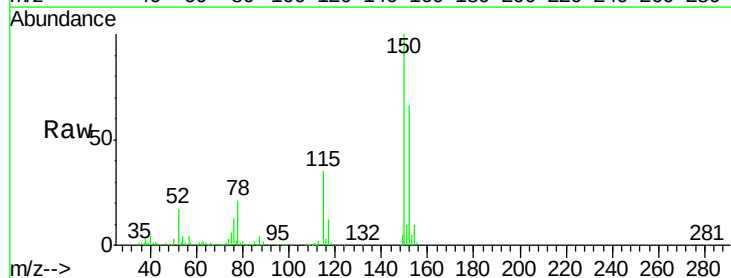


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013337.D
Acq: 30 Sep 2019 17:01

Tgt Ion:152 Resp: 78353
Ion Ratio Lower Upper
152 100
115 53.8 27.3 81.9
150 153.1 0.0 349.0



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

