

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013334.D
 Acq On : 30 Sep 2019 15:44
 Operator : SY/VA
 Sample : K5083-03
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190706-RR-COMP-6

Quant Time: Sep 30 18:14:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

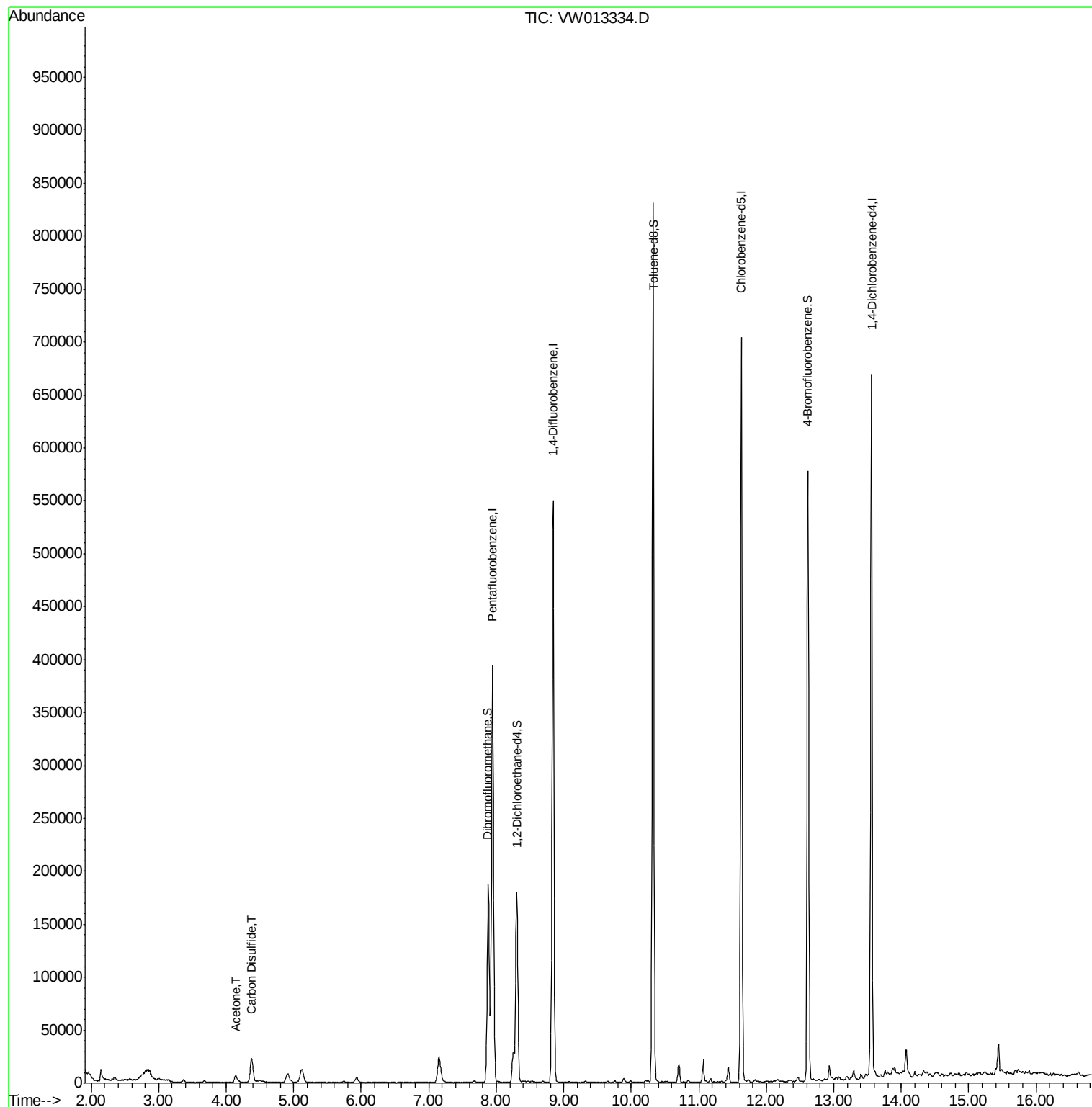
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	327380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	482230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	412509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	190503	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138858	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
35) Dibromofluoromethane	7.88	113	137455	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
50) Toluene-d8	10.32	98	560128	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.62	95	180385	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
Target Compounds						
16) Acetone	4.15	43	12365	20.521	ug/l	95
17) Carbon Disulfide	4.37	76	54059	6.148	ug/l	99

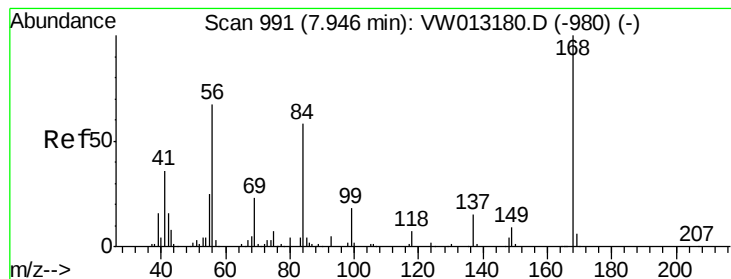
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013334.D

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MSVOA_W

ClientSampleId :

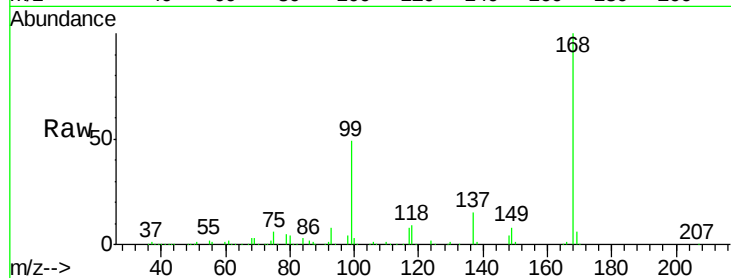
20190706-RR-COMP-6

Tot Ion:168 Resp: 327380

Ion Ratio Lower Upper

168 100

99 49.1 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

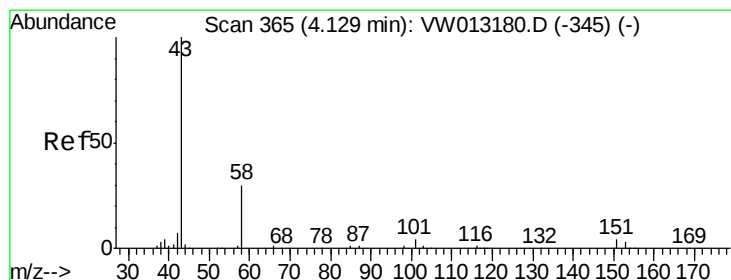
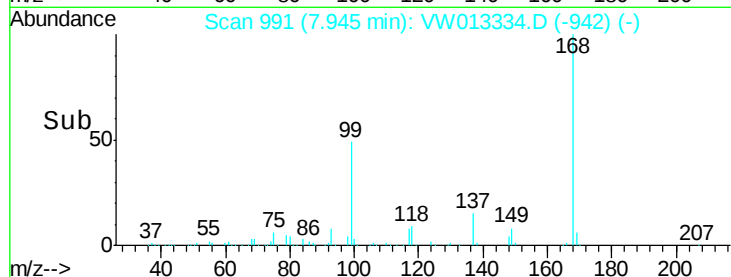
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.521 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW013334.D

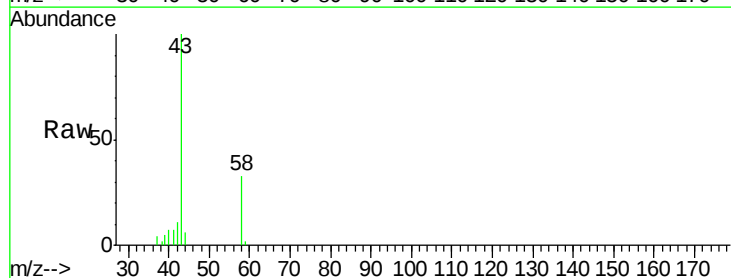
Acq: 30 Sep 2019 15:44

Tgt Ion: 43 Resp: 12365

Ion Ratio Lower Upper

43 100

58 32.9 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

4000

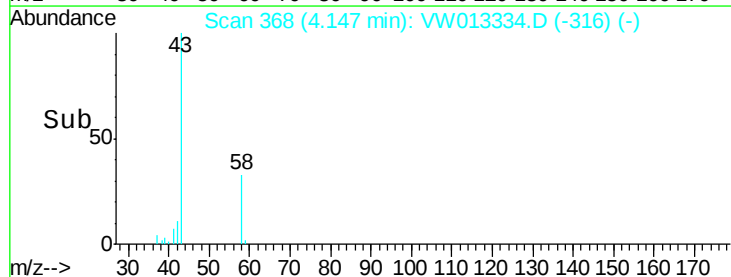
3000

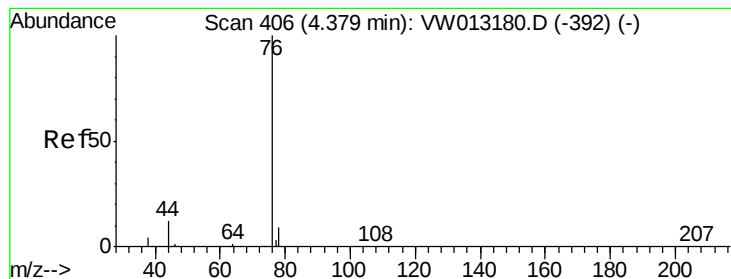
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 6.148 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013334.D

Acq: 30 Sep 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

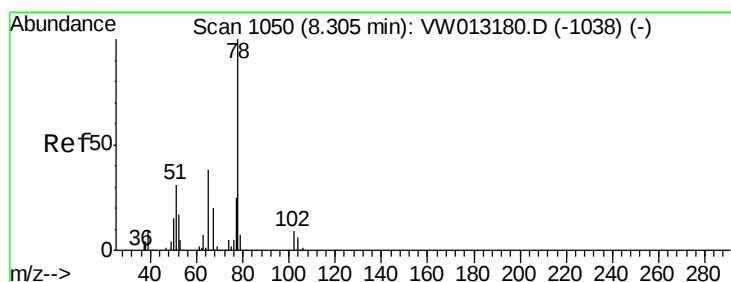
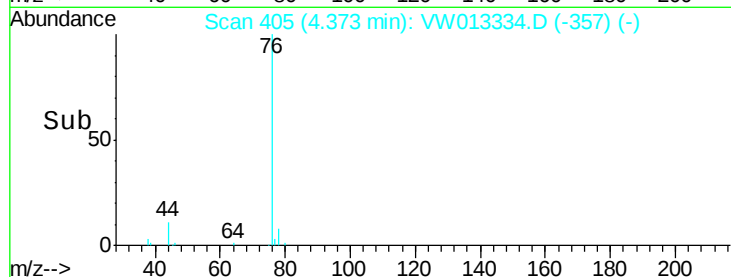
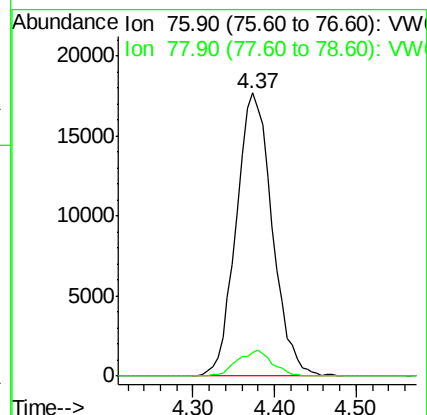
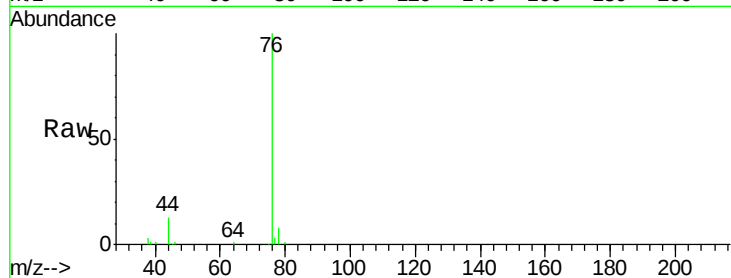
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Tot Ion: 76 Resp: 54059

Ion Ratio Lower Upper

76 100

78 8.3 7.0 10.4



#33

1,2-Dichloroethane-d4

Concen: 51.970 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013334.D

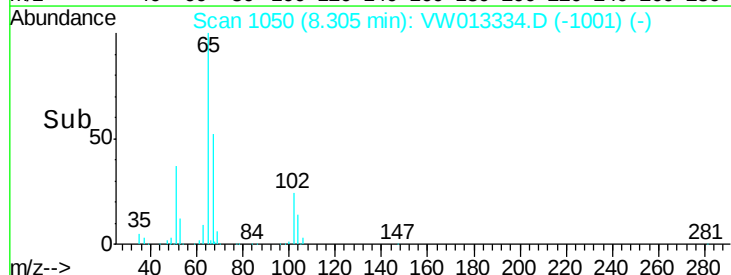
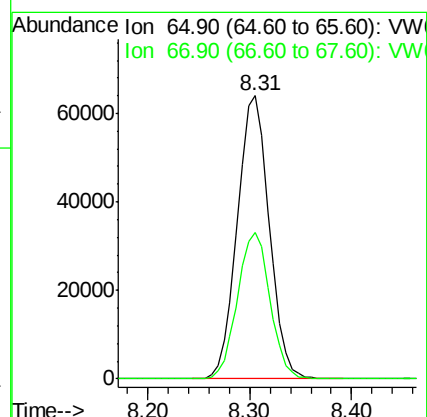
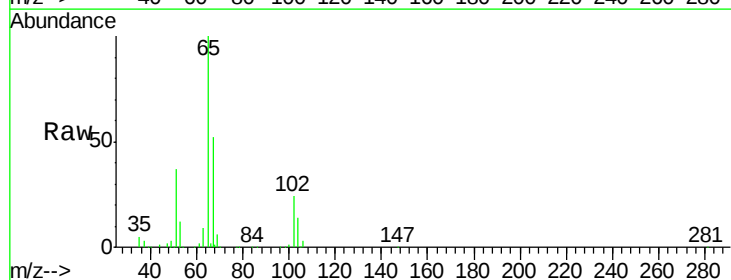
Acq: 30 Sep 2019 15:44

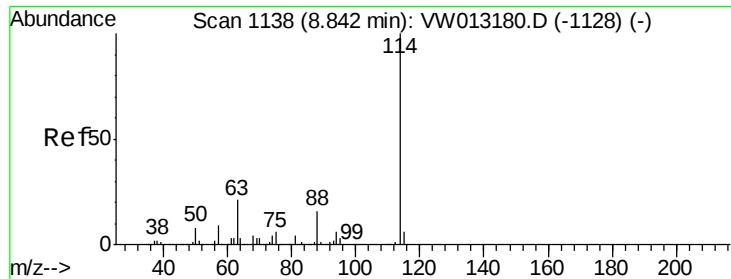
Tgt Ion: 65 Resp: 138858

Ion Ratio Lower Upper

65 100

67 52.7 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: VW013334.D

Acq: 30 Sep 2019 15:44

Instrument :

MSVOA_W

ClientSampleId :

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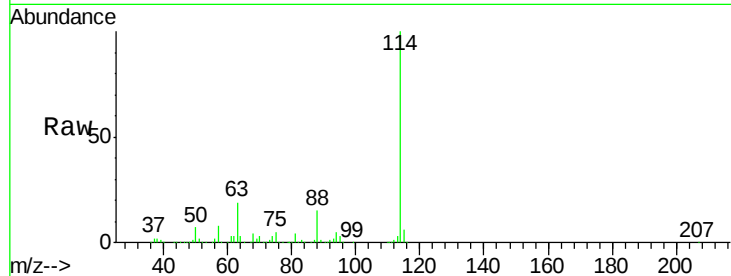
Tot Ion:114 Resp: 482230

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.4

88 14.9 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

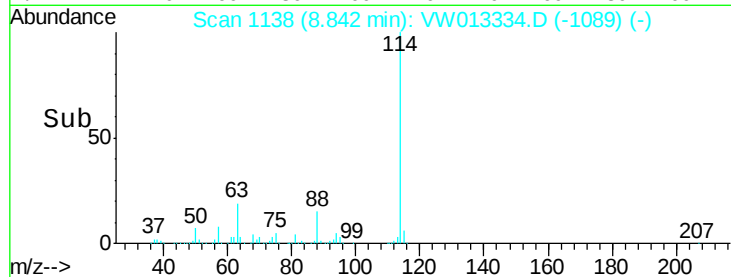
300000

200000

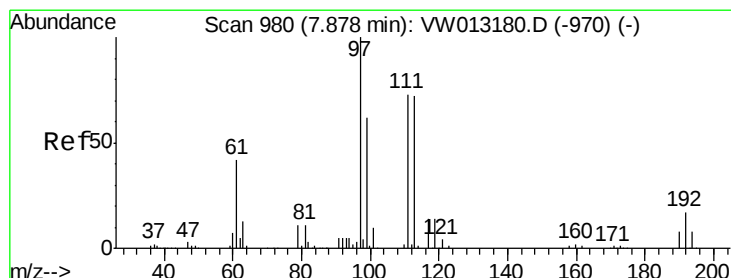
100000

0

8.80 8.84 8.90



Time-->



#35

Dibromofluoromethane

Concen: 51.825 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013334.D

Acq: 30 Sep 2019 15:44

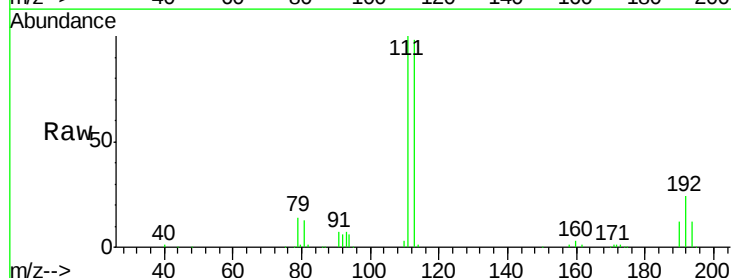
Tgt Ion:113 Resp: 137455

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

192 23.4 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

80000

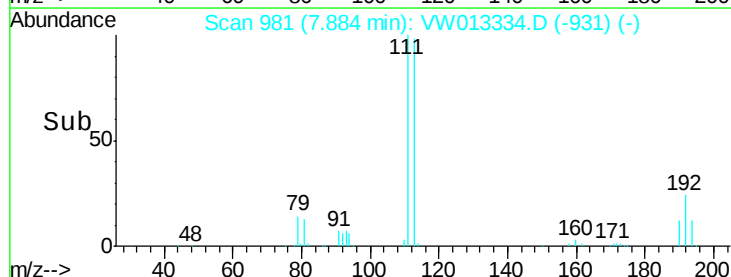
60000

40000

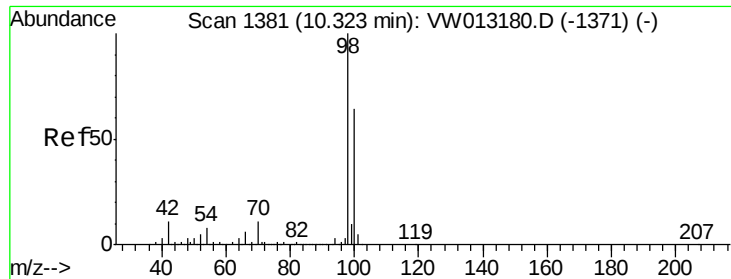
20000

0

7.80 7.88 8.00



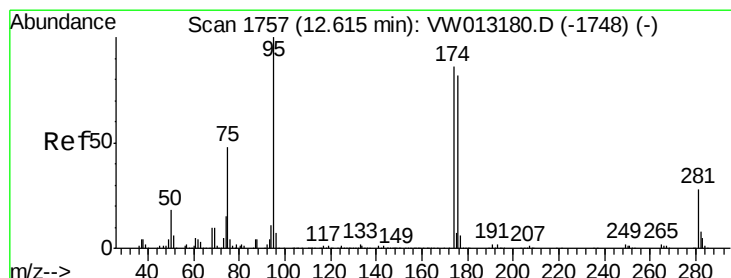
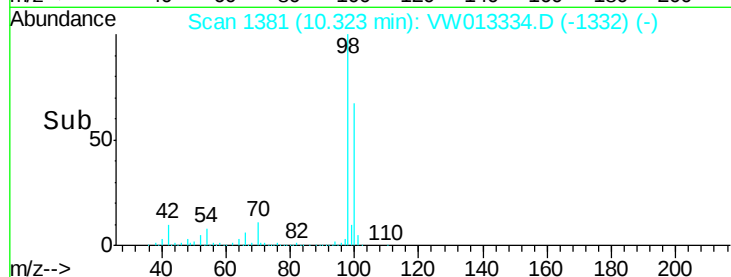
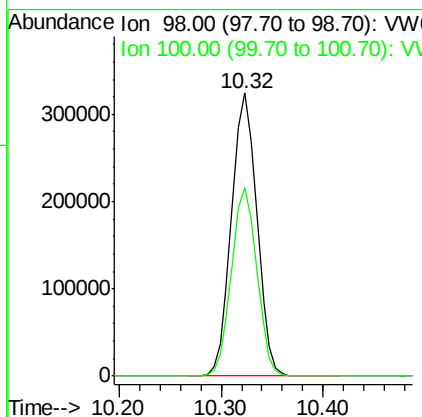
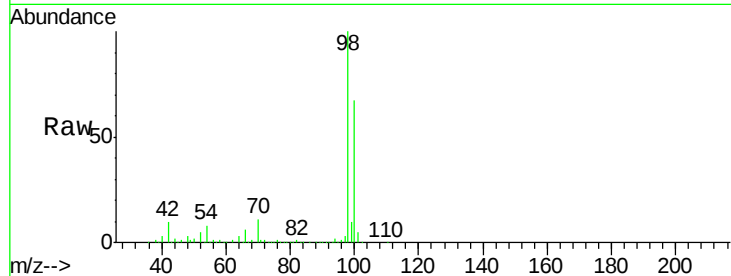
Time-->



#50
Toluene-d8
Concen: 50.462 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013334.D
Acq: 30 Sep 2019 15:44

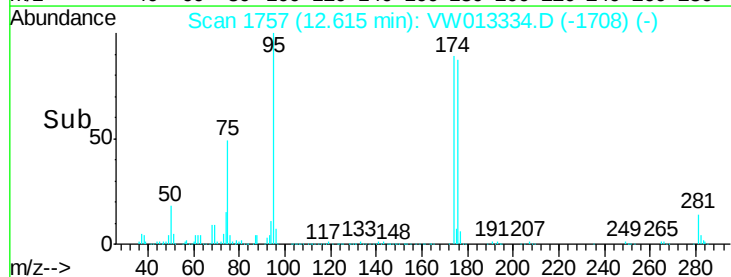
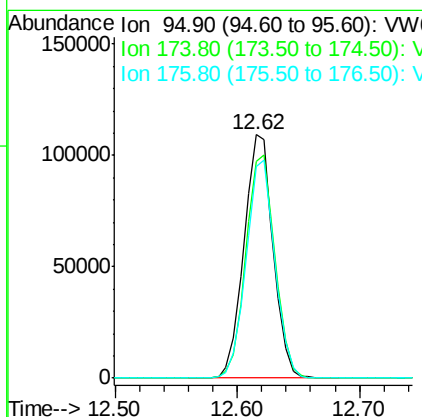
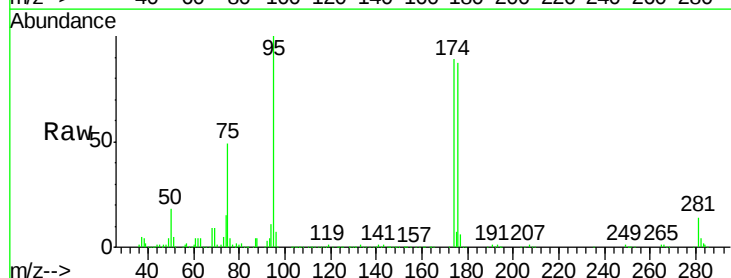
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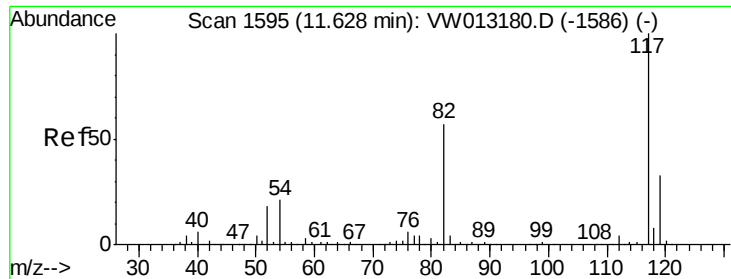
Tot Ion: 98 Resp: 560128
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.574 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013334.D
Acq: 30 Sep 2019 15:44

Tgt Ion: 95 Resp: 180385
Ion Ratio Lower Upper
95 100
174 92.1 0.0 178.4
176 88.6 0.0 172.2

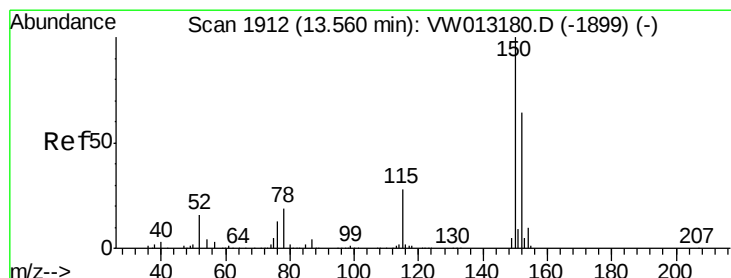
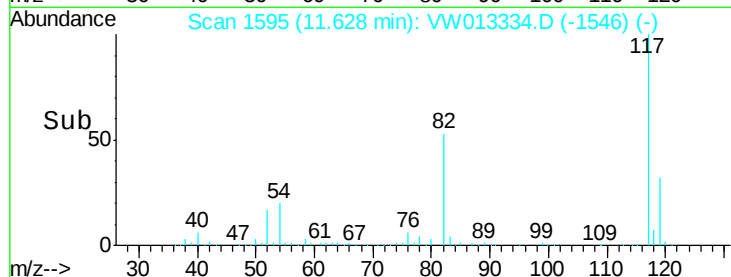
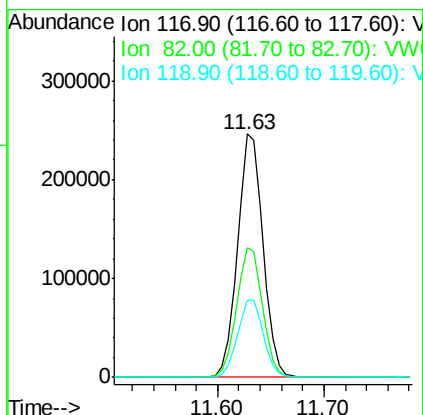
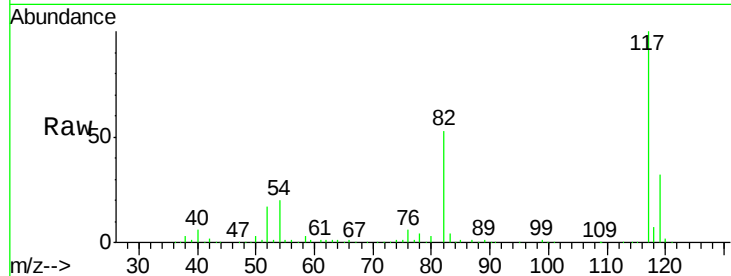




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013334.D
Acq: 30 Sep 2019 15:44

Instrument :
MSVOA_W
ClientSampleId :
20190706-RR-COMP-6

Tot Ion:117 Resp: 412509
Ion Ratio Lower Upper
117 100
82 53.4 45.9 68.9
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013334.D
Acq: 30 Sep 2019 15:44

Tgt Ion:152 Resp: 190503
Ion Ratio Lower Upper
152 100
115 54.4 27.3 81.9
150 157.5 0.0 349.0

