

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013022.D
 Acq On : 15 Sep 2019 05:18
 Operator : SY/VA
 Sample : K4850-01
 Misc : 4.93G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(5)

Quant Time: Sep 16 09:35:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

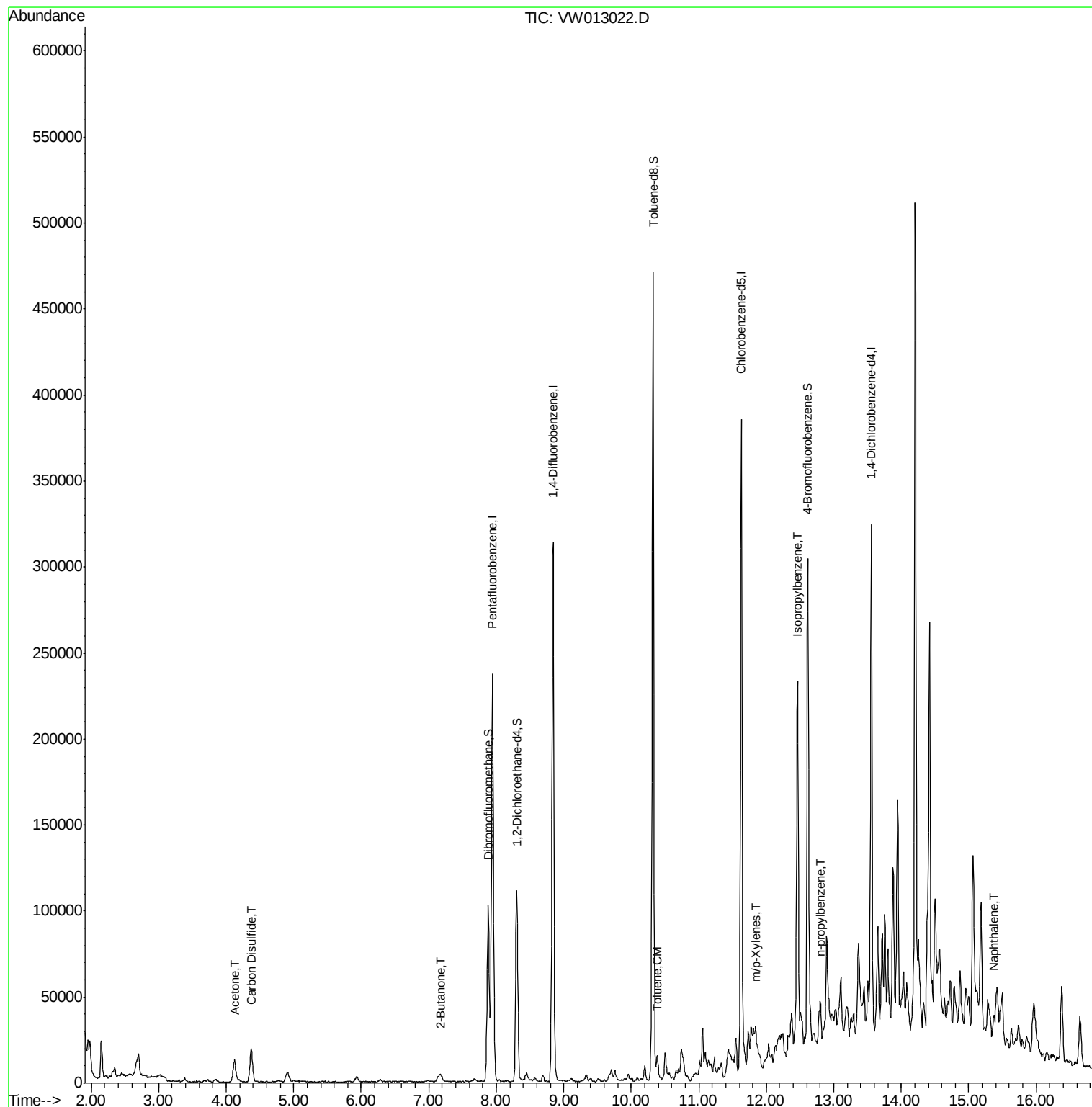
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	181326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	253864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	202052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	88581	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
35) Dibromofluoromethane	7.88	113	72572	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
50) Toluene-d8	10.32	98	303199	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.50%	
62) 4-Bromofluorobenzene	12.62	95	91470	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	23244	48.185	ug/l	97
17) Carbon Disulfide	4.37	76	40353	16.178	ug/l	97
25) 2-Butanone	7.17	43	6740	12.657	ug/l	96
52) Toluene	10.39	92	5259	1.461	ug/l	100
68) m/p-Xylenes	11.84	106	4146	1.707	ug/l	86
73) Isopropylbenzene	12.46	105	133298	26.248	ug/l	98
78) n-propylbenzene	12.80	91	19474	3.260	ug/l	98
95) Naphthalene	15.37	128	8812	3.631	ug/l #	94

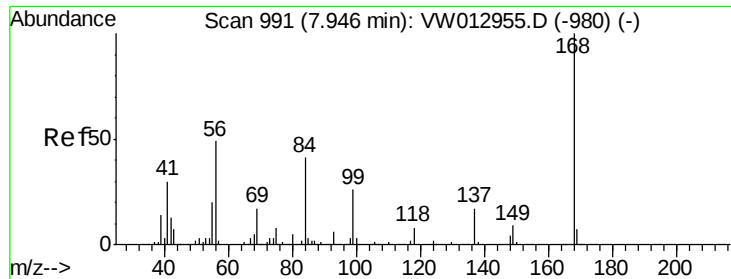
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
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ClientSampleId :
AOC-7-(5)

Quant Time: Sep 16 09:35:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013022.D

Acq: 15 Sep 2019 05:18

Instrument :

MSVOA_W

ClientSampleId :

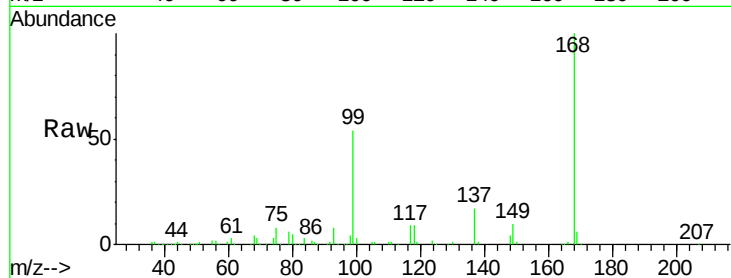
AOC-7(-5)

Tot Ion:168 Resp: 181326

Ion Ratio Lower Upper

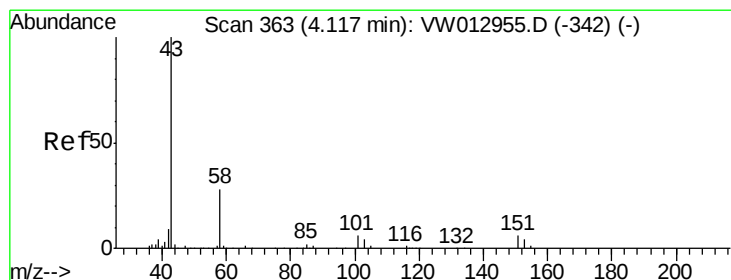
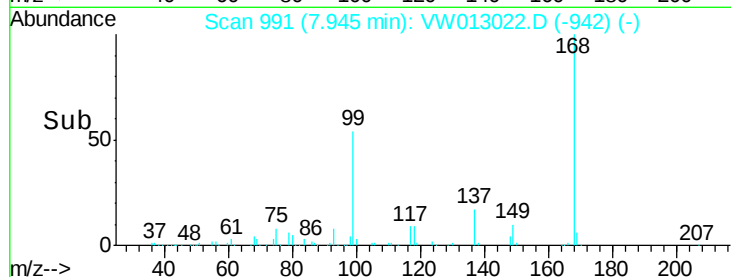
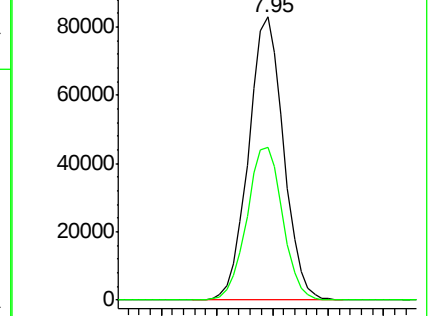
168 100

99 54.0 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 48.185 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013022.D

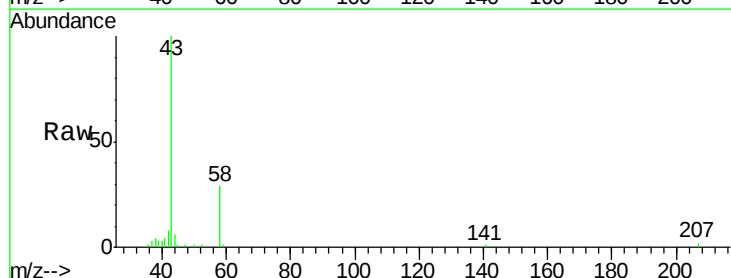
Acq: 15 Sep 2019 05:18

Tgt Ion: 43 Resp: 23244

Ion Ratio Lower Upper

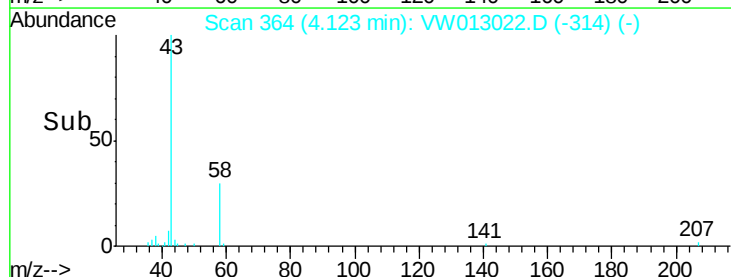
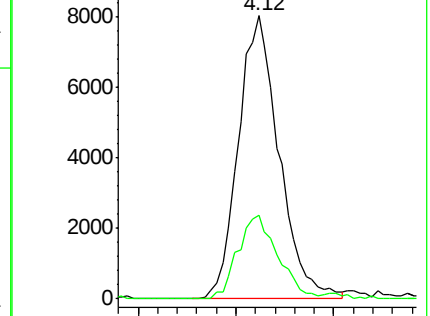
43 100

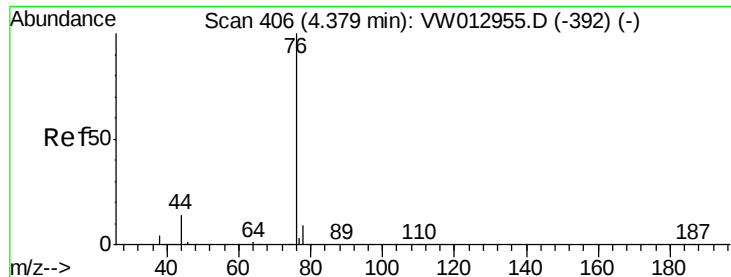
58 29.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 16.178 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW013022.D

Acq: 15 Sep 2019 05:18

Instrument :

MSVOA_W

ClientSampleId :

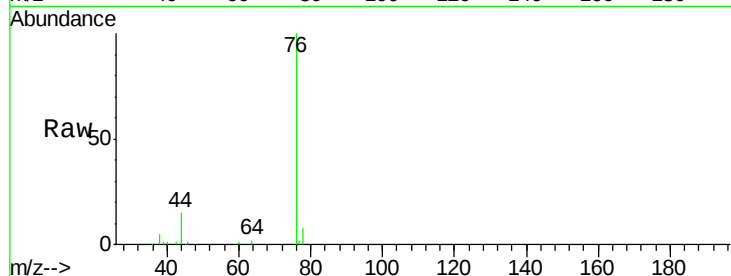
AOC-7(-5)

Tot Ion: 76 Resp: 40353

Ion Ratio Lower Upper

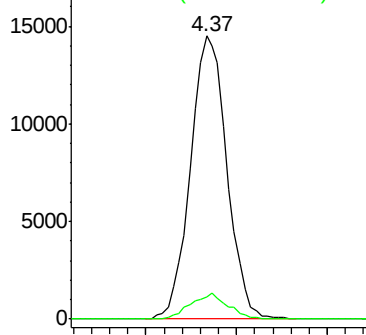
76 100

78 7.7 7.0 10.4

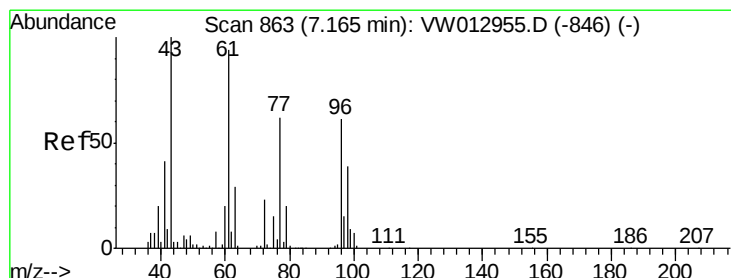
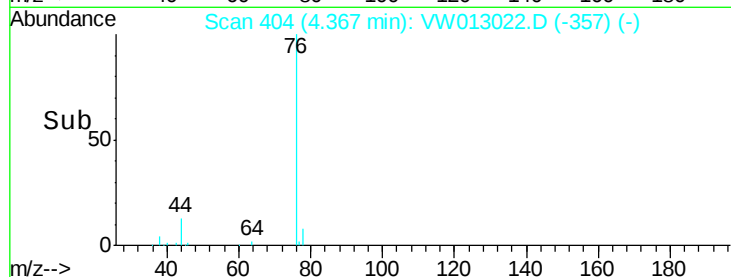


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->



#25

2-Butanone

Concen: 12.657 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013022.D

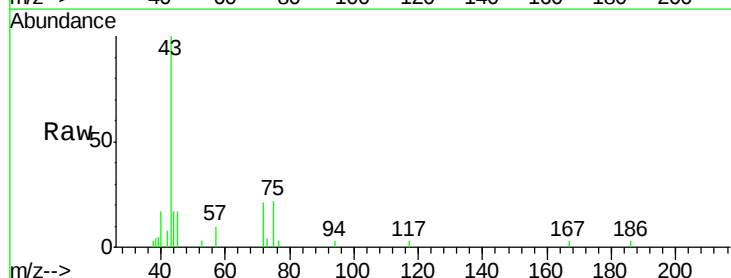
Acq: 15 Sep 2019 05:18

Tgt Ion: 43 Resp: 6740

Ion Ratio Lower Upper

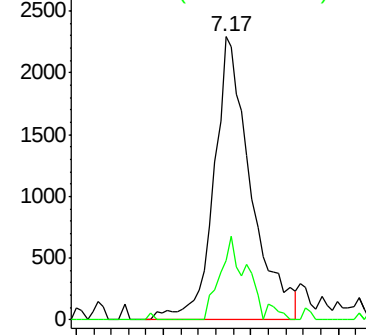
43 100

72 21.1 18.2 27.4

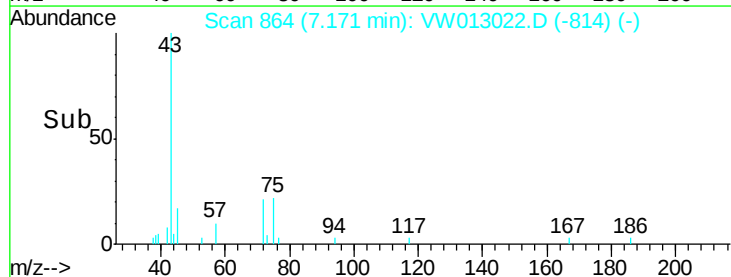


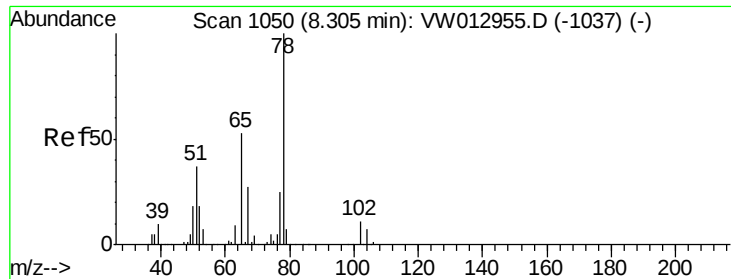
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->

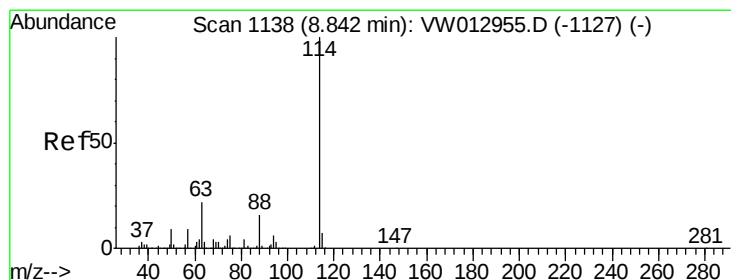
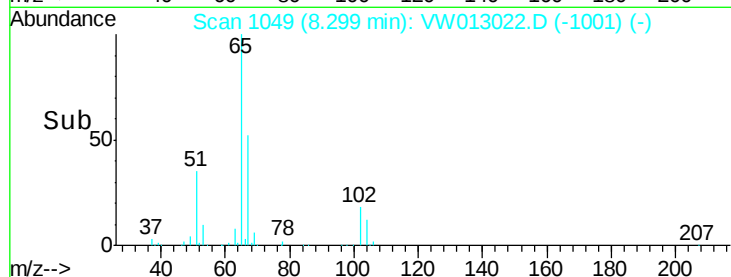
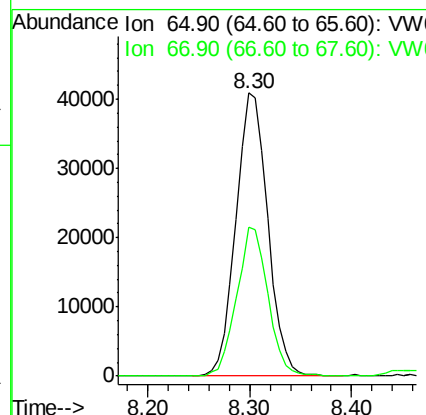
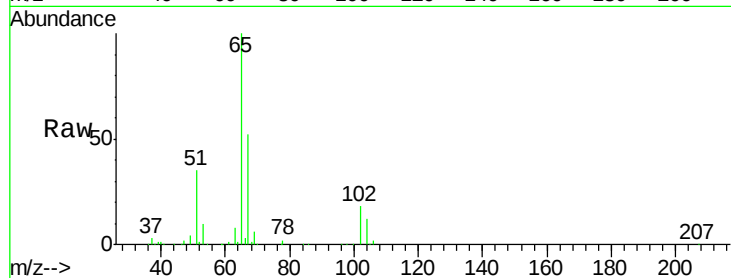




#33
 1,2-Dichloroethane-d4
 Concen: 52.894 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013022.D
 Acq: 15 Sep 2019 05:18

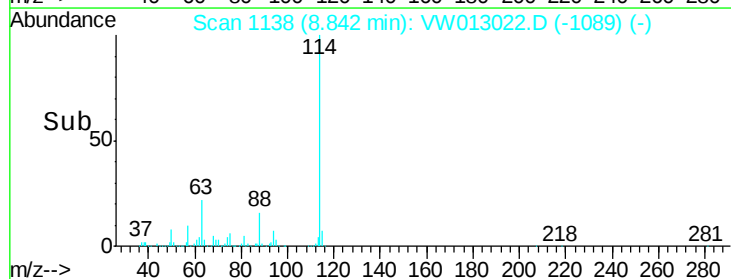
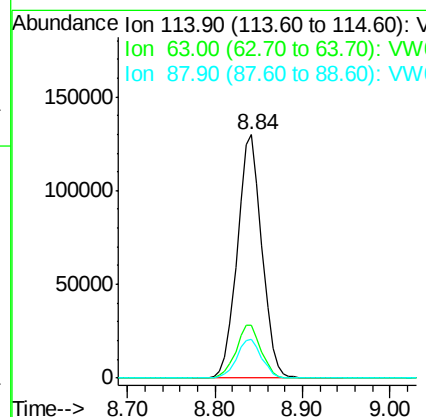
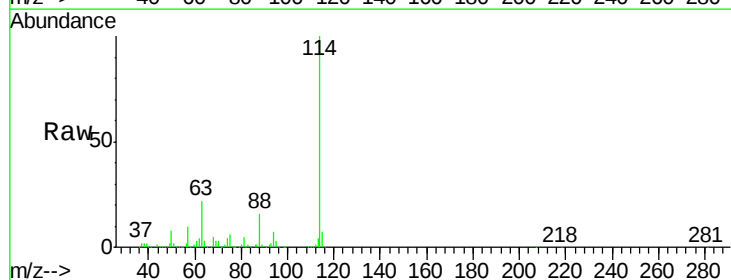
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(5)

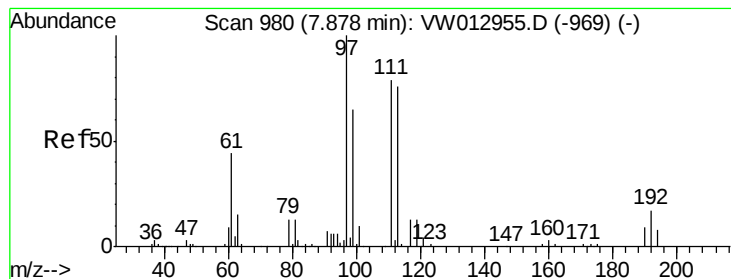
Tot Ion: 65 Resp: 88581
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013022.D
 Acq: 15 Sep 2019 05:18

Tgt Ion: 114 Resp: 253864
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.4
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.684 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013022.D

Acq: 15 Sep 2019 05:18

Instrument :

MSVOA_W

ClientSampleId :

AOC-7(5)

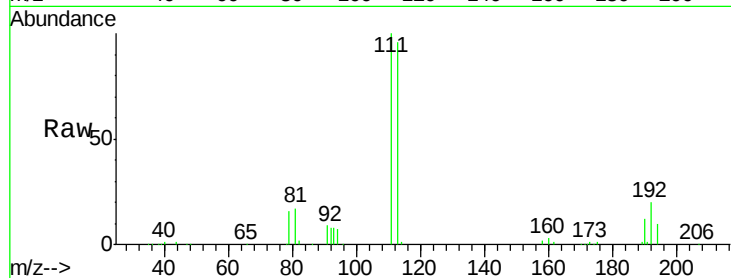
Tot Ion:113 Resp: 72572

Ion Ratio Lower Upper

113 100

111 105.0 82.8 124.2

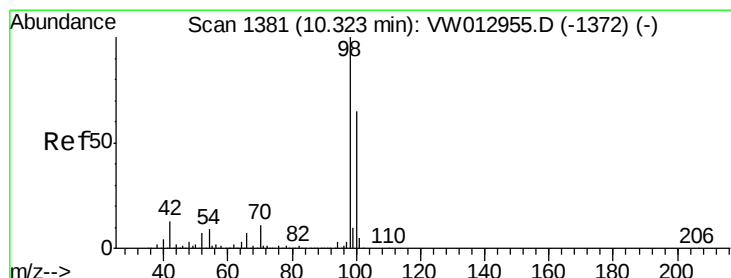
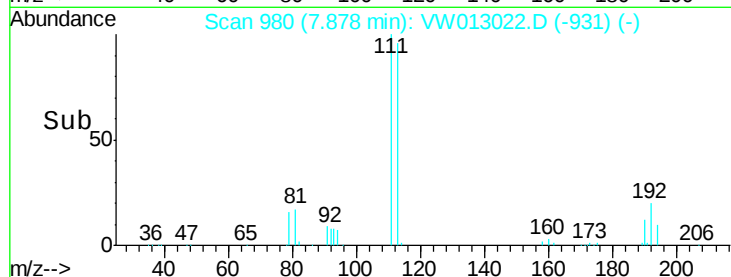
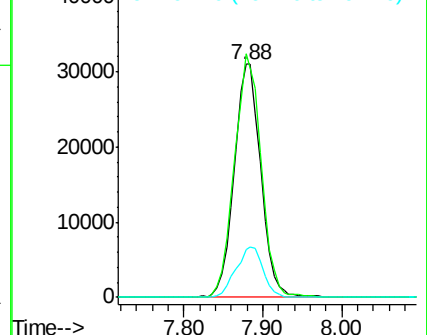
192 22.0 17.8 26.8



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: 56.249 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013022.D

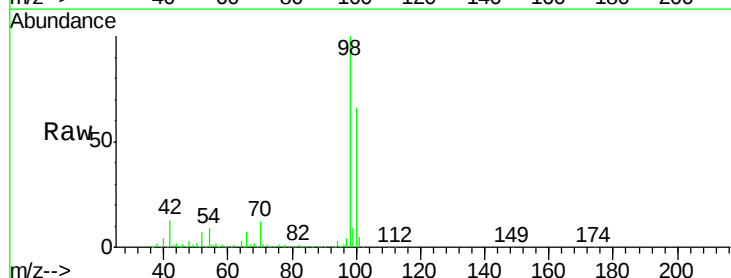
Acq: 15 Sep 2019 05:18

Tgt Ion: 98 Resp: 303199

Ion Ratio Lower Upper

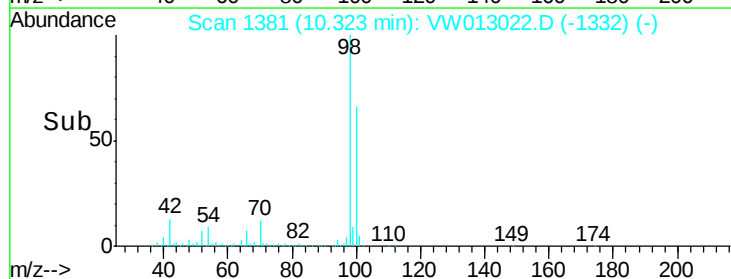
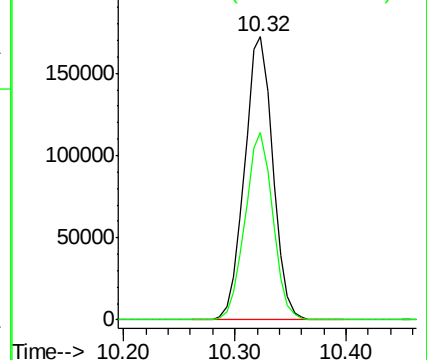
98 100

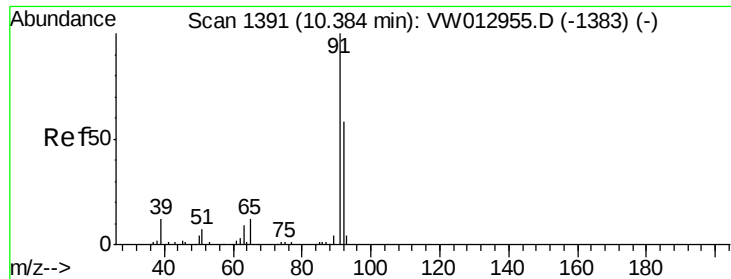
100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.461 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013022.D

Acq: 15 Sep 2019 05:18

Instrument :

MSVOA_W

ClientSampleId :

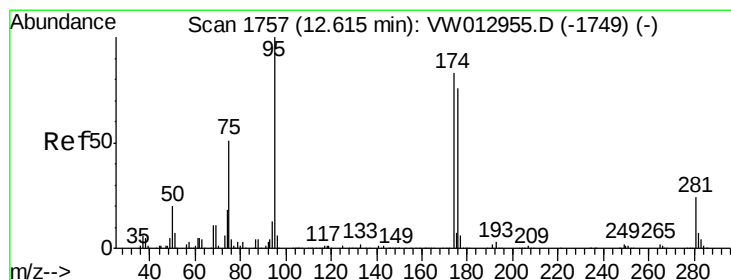
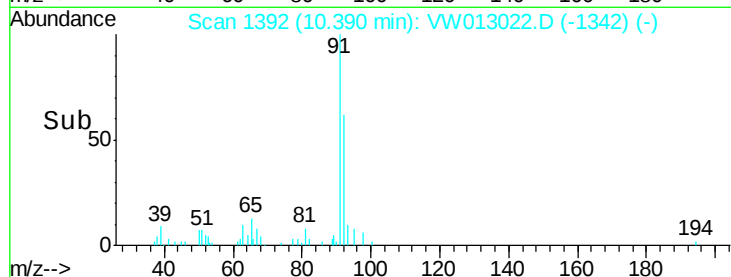
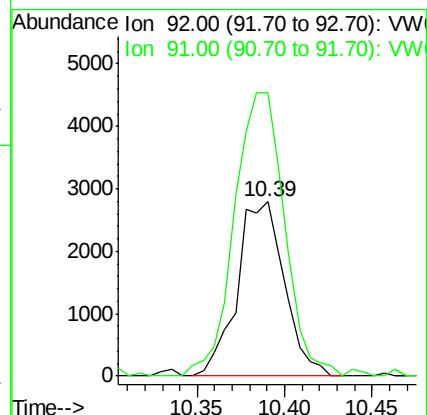
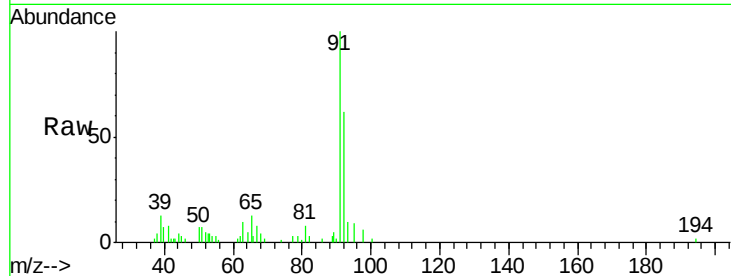
AOC-7(-5)

Tot Ion: 92 Resp: 5259

Ion Ratio Lower Upper

92 100

91 172.1 137.5 206.3



#62

4-Bromofluorobenzene

Concen: 47.192 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013022.D

Acq: 15 Sep 2019 05:18

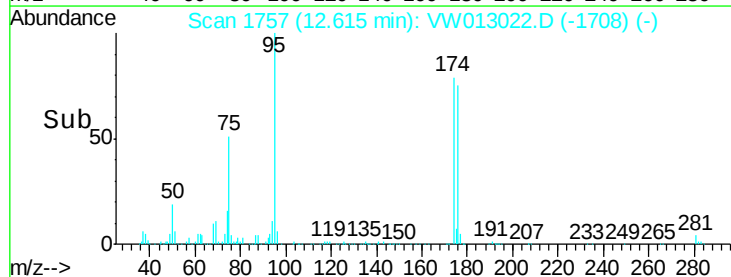
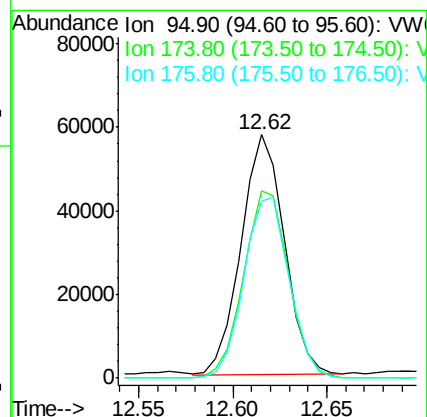
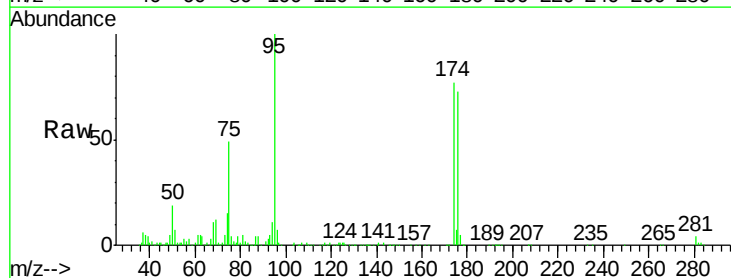
Tgt Ion: 95 Resp: 91470

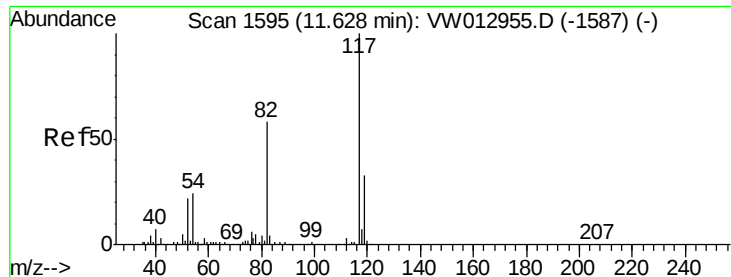
Ion Ratio Lower Upper

95 100

174 81.4 0.0 170.4

176 78.9 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013022.D

Acq: 15 Sep 2019 05:18

Instrument :

MSVOA_W

ClientSampleId :

AOC-7(-5)

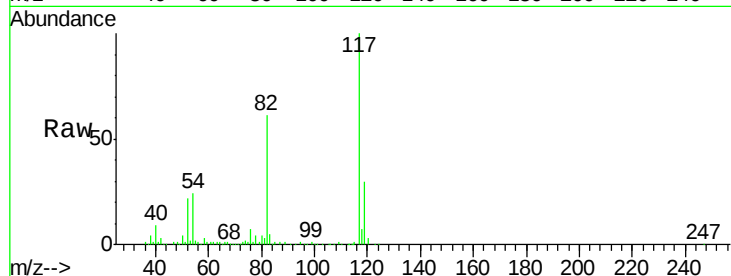
Tot Ion:117 Resp: 202052

Ion Ratio Lower Upper

117 100

82 60.7 46.3 69.5

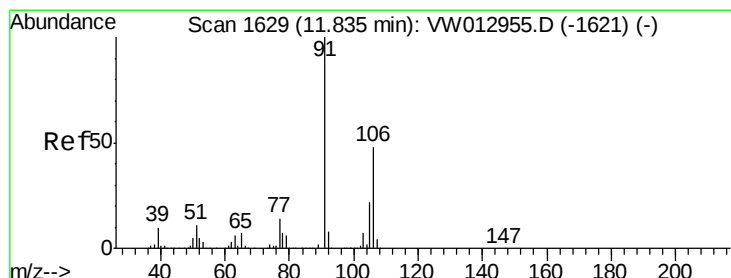
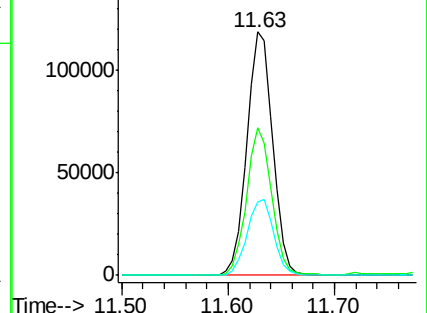
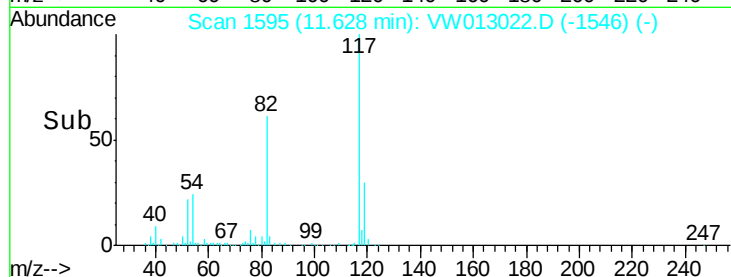
119 30.3 26.2 39.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 1.707 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW013022.D

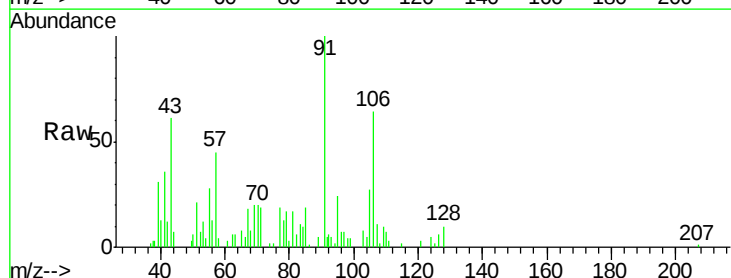
Acq: 15 Sep 2019 05:18

Tgt Ion:106 Resp: 4146

Ion Ratio Lower Upper

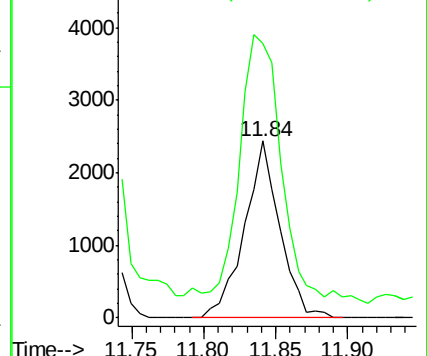
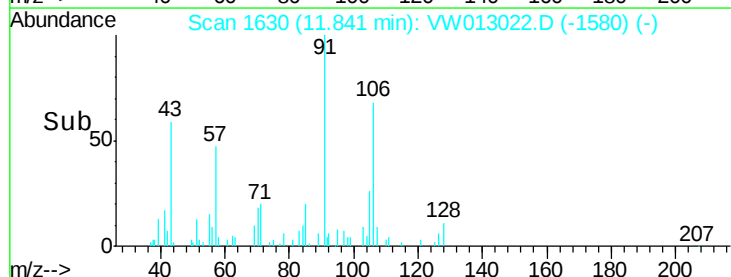
106 100

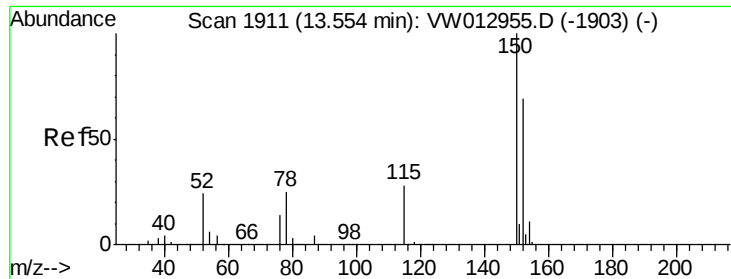
91 186.1 165.8 248.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW013022.D

Acq: 15 Sep 2019 05:18

Instrument :

MSVOA_W

ClientSampled :

AOC-7(5)

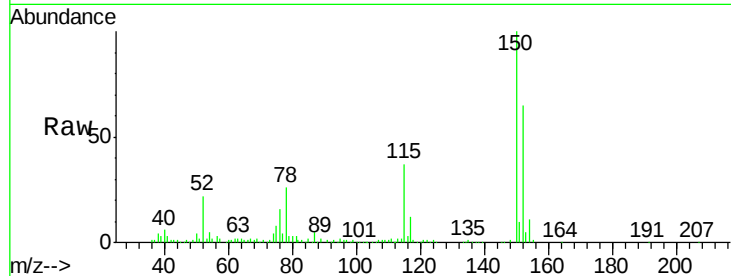
Tot Ion:152 Resp: 76618

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.4

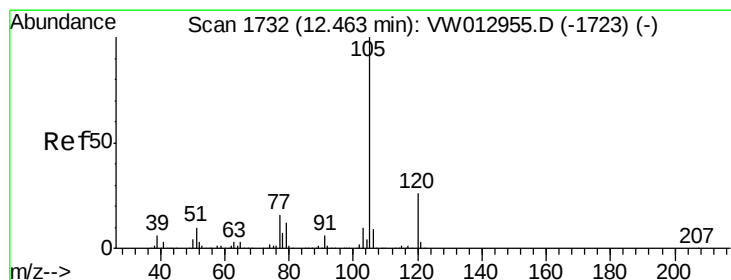
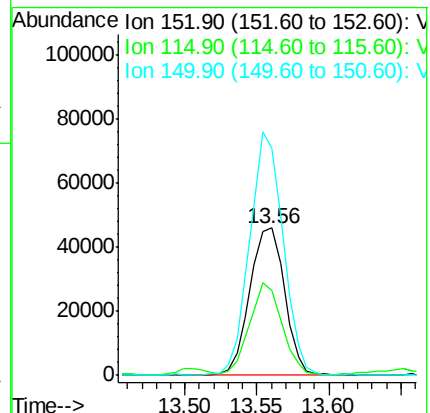
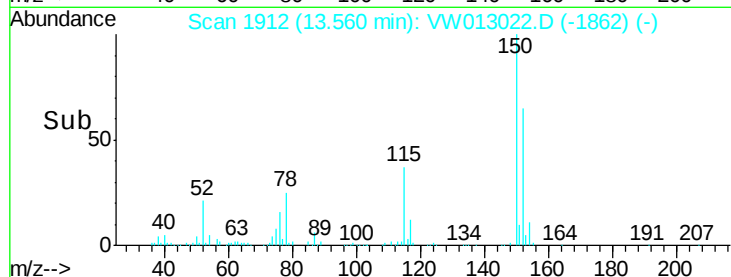
150 158.4 0.0 340.2



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



#73

Isopropylbenzene

Concen: 26.248 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013022.D

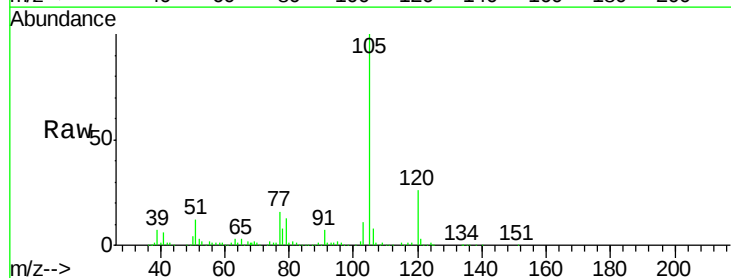
Acq: 15 Sep 2019 05:18

Tgt Ion:105 Resp: 133298

Ion Ratio Lower Upper

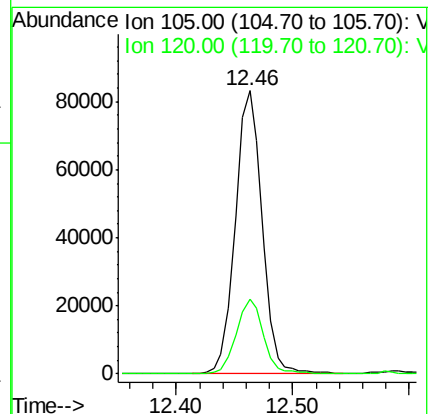
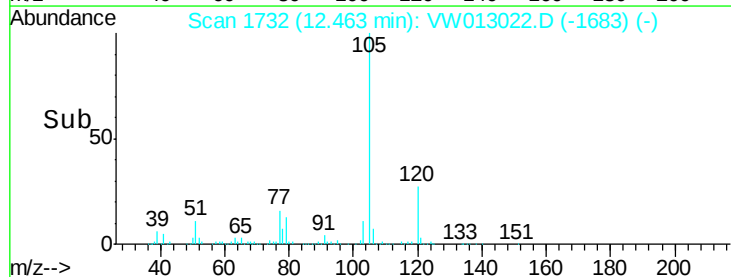
105 100

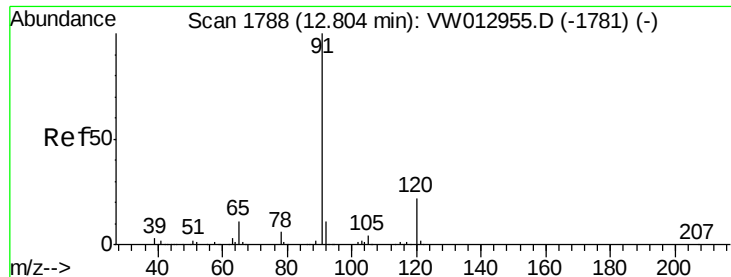
120 26.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 3.260 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013022.D

Acq: 15 Sep 2019 05:18

Instrument :

MSVOA_W

ClientSampleId :

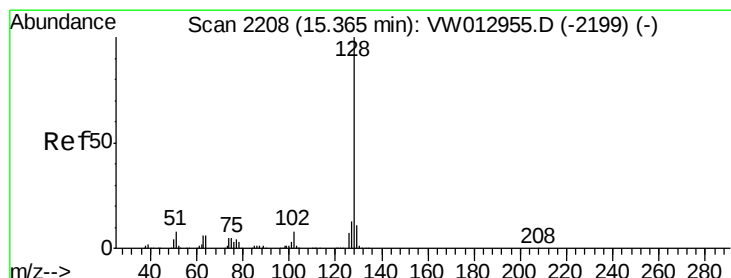
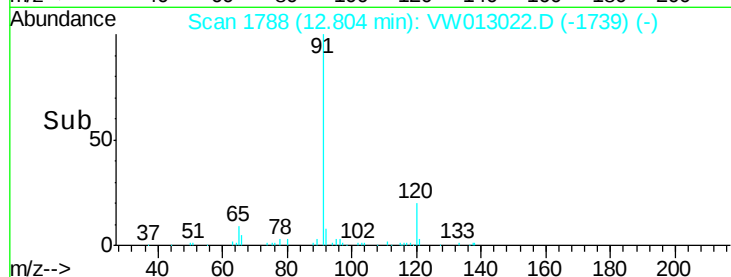
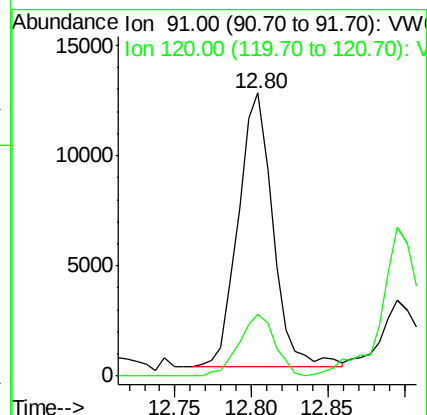
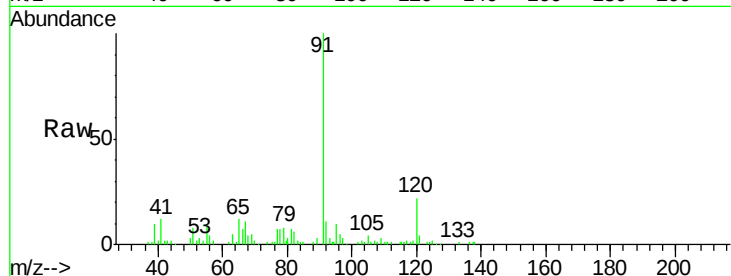
AOC-7(5)

Tot Ion: 91 Resp: 19474

Ion Ratio Lower Upper

91 100

120 23.4 11.2 33.5



#95

Naphthalene

Concen: 3.631 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW013022.D

Acq: 15 Sep 2019 05:18

Tgt Ion: 128 Resp: 8812

Ion Ratio Lower Upper

128 100

127 17.0 11.0 16.6#

129 11.6 8.6 12.8

