

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013025.D
 Acq On : 15 Sep 2019 06:36
 Operator : SY/VA
 Sample : K4850-04
 Misc : 5.21G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7-(8)

Quant Time: Sep 16 09:05:12 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	23558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	32716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	21137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	4959	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	12465	57.29	ug/l	0.00
Spiked Amount			Recovery	=	114.58%	
35) Dibromofluoromethane	7.88	113	10035	56.53	ug/l	0.00
Spiked Amount			Recovery	=	113.06%	
50) Toluene-d8	10.32	98	34253	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	12.62	95	7289	29.18	ug/l	0.00
Spiked Amount			Recovery	=	58.36%	

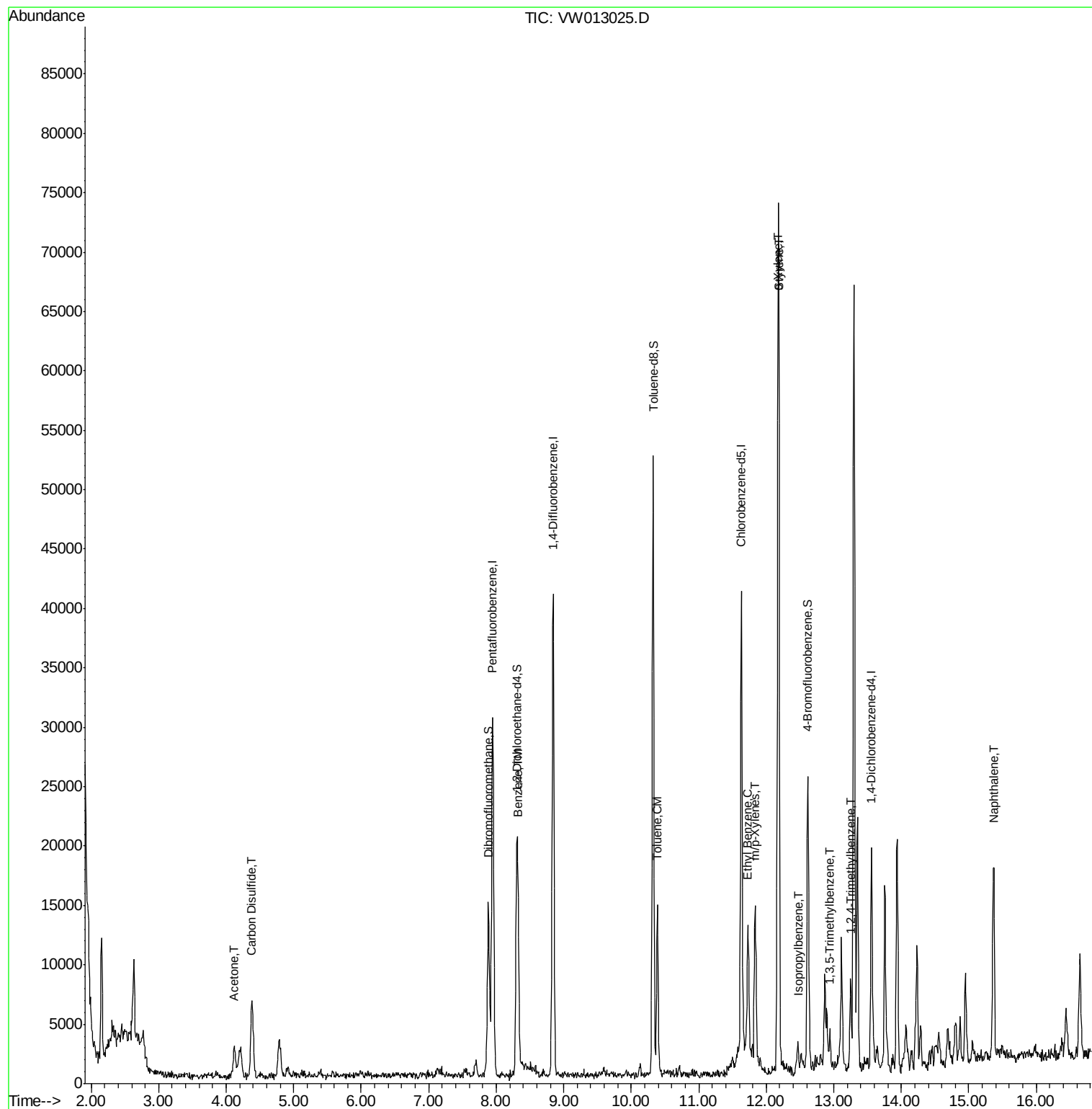
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	4954	92.627	ug/l	99
17) Carbon Disulfide	4.38	76	12356	38.129	ug/l	96
40) Benzene	8.32	78	8452	11.581	ug/l #	86
52) Toluene	10.39	92	5796	12.498	ug/l	100
67) Ethyl Benzene	11.73	91	6576	9.457	ug/l	99
68) m/p-Xylenes	11.83	106	3361	13.231	ug/l	96
69) o-Xylene	12.17	106	1912	8.029	ug/l	95
70) Styrene	12.18	104	34793	82.128	ug/l	91
73) Isopropylbenzene	12.46	105	1216	3.699	ug/l	91
80) 1,3,5-Trimethylbenzene	12.94	105	1668	5.998	ug/l	87
84) 1,2,4-Trimethylbenzene	13.25	105	4041	14.706	ug/l	94
95) Naphthalene	15.36	128	14318	91.150	ug/l	99

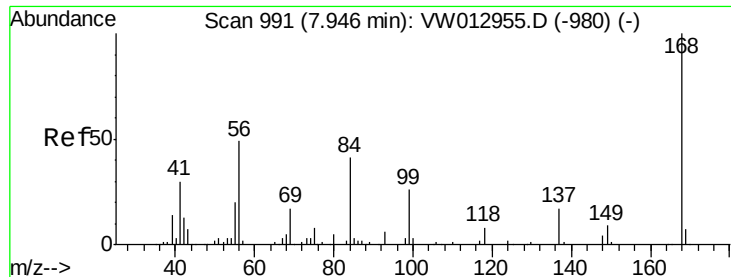
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091519\
Data File : VW013025.D
Acq On : 15 Sep 2019 06:36
Operator : SY/VA
Sample : K4850-04
Misc : 5.21G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AOC-7(8)

Quant Time: Sep 16 09:05:12 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: VW013025.D

Acq: 15 Sep 2019 06:36

Instrument :

MSVOA_W

ClientSampleId :

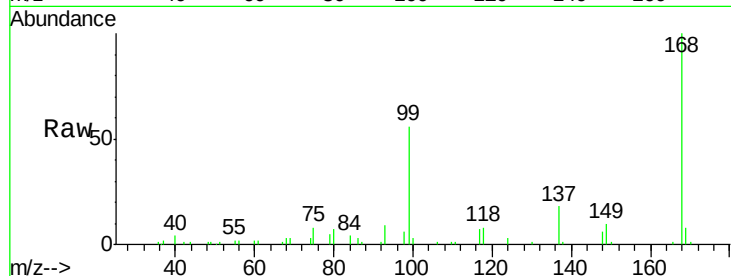
AOC-7(8)

Tot Ion:168 Resp: 23558

Ion Ratio Lower Upper

168 100

99 55.8 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

12000

10000

8000

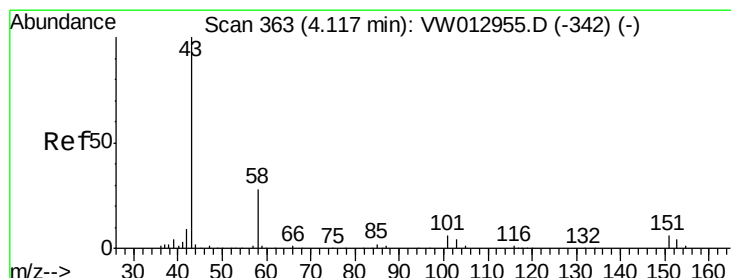
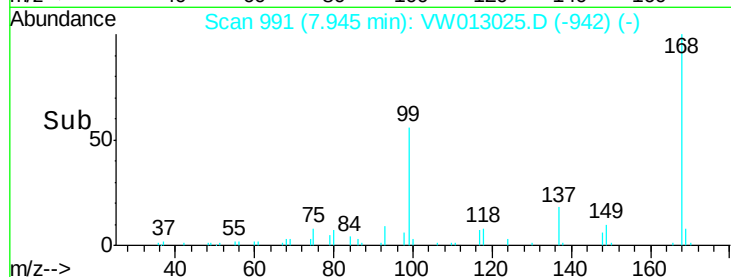
6000

4000

2000

0

Time-->



#16

Acetone

Concen: 92.627 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013025.D

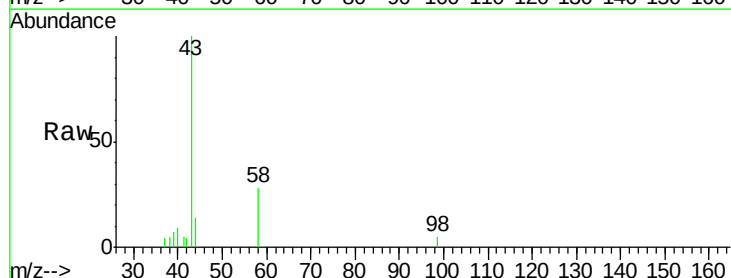
Acq: 15 Sep 2019 06:36

Tgt Ion: 43 Resp: 4954

Ion Ratio Lower Upper

43 100

58 27.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

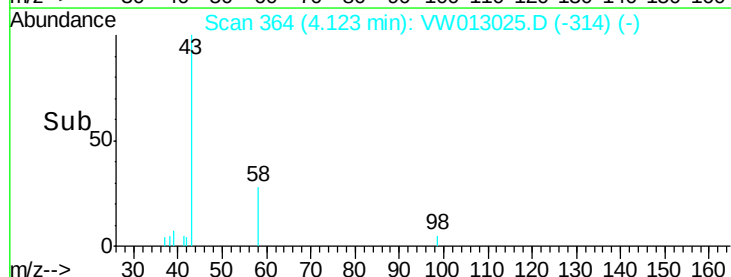
1500

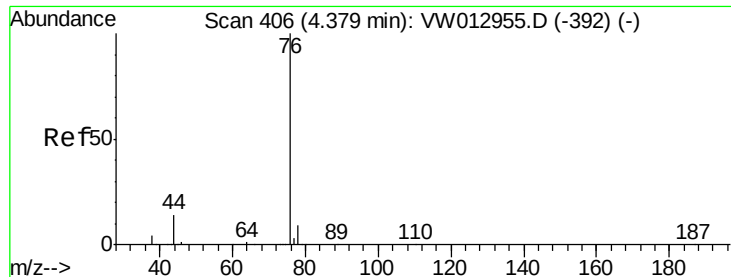
1000

500

0

Time-->

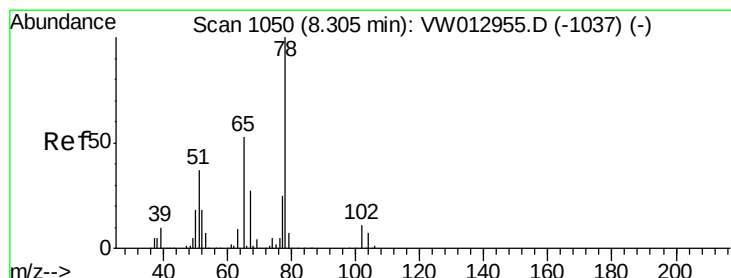
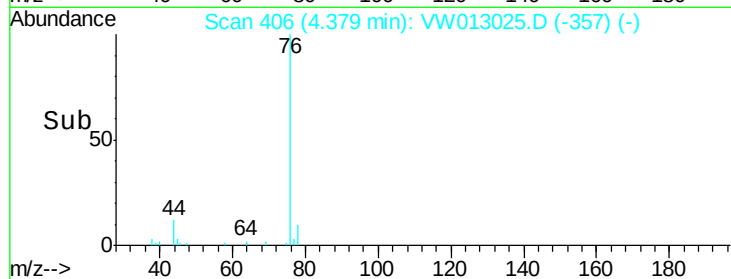
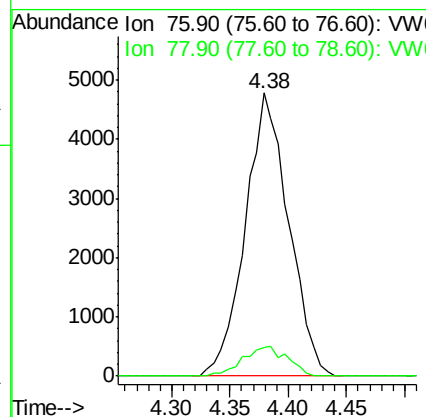
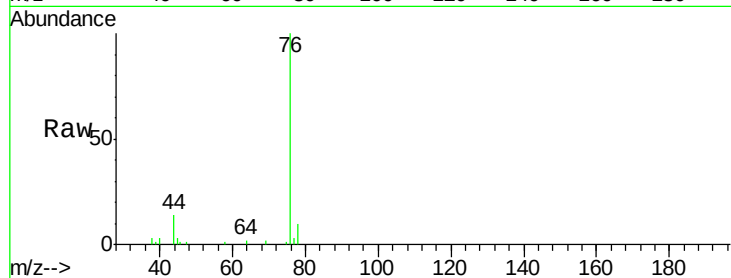




#17
Carbon Disulfide
Concen: 38.129 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

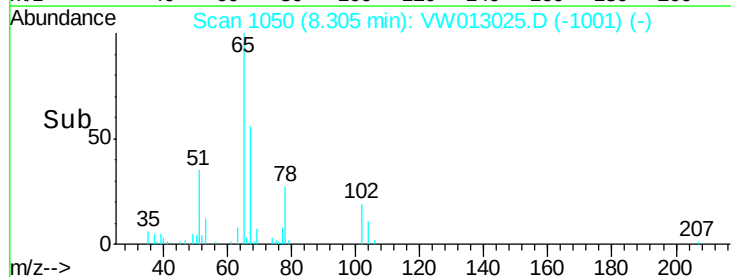
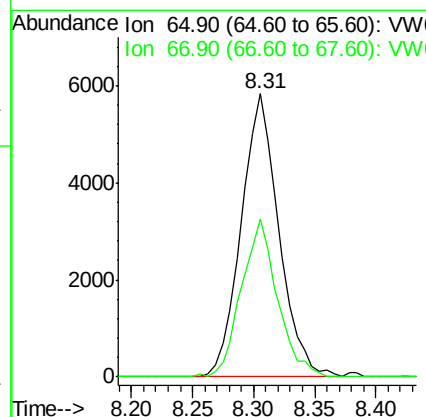
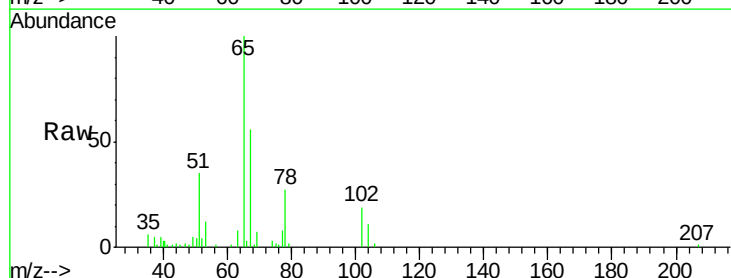
Instrument :
MSVOA_W
ClientSampleId :
AOC-7(8)

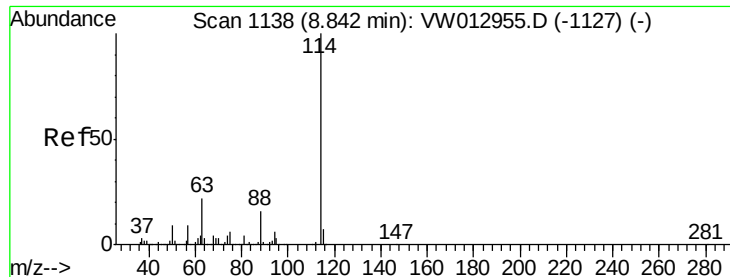
Tot Ion: 76 Resp: 12356
Ion Ratio Lower Upper
76 100
78 10.0 7.0 10.4



#33
1,2-Dichloroethane-d4
Concen: 57.291 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

Tgt Ion: 65 Resp: 12465
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.2

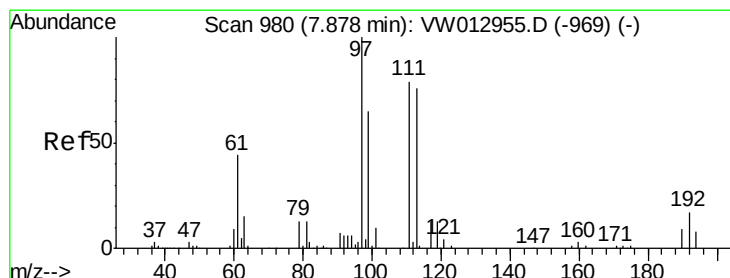
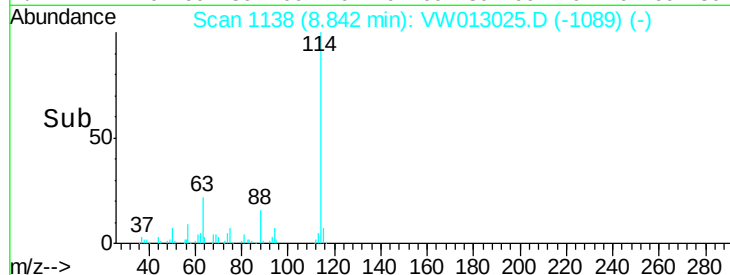
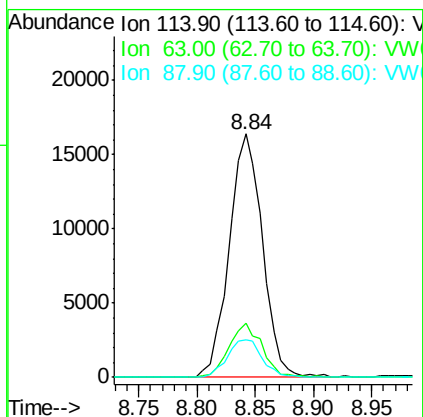
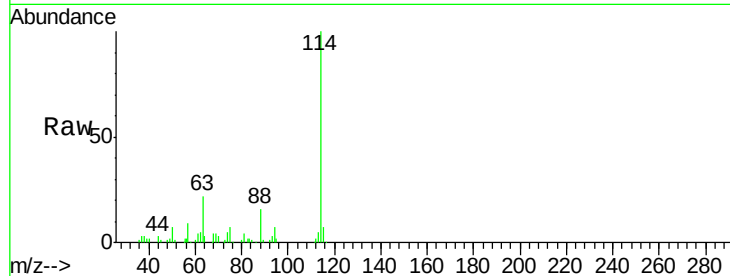




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013025.D
 Acq: 15 Sep 2019 06:36

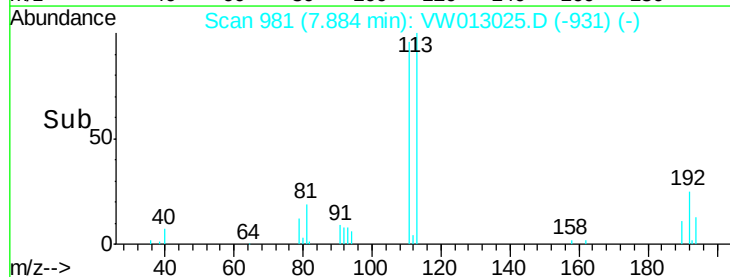
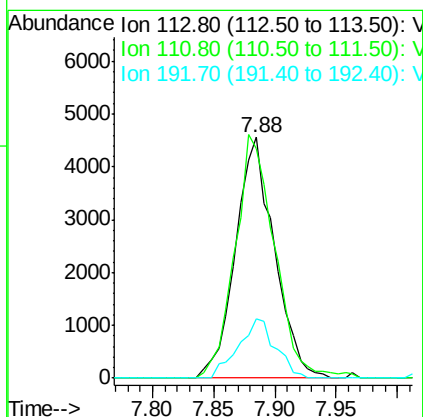
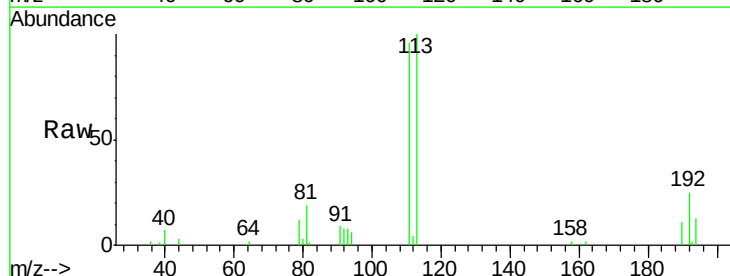
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(8)

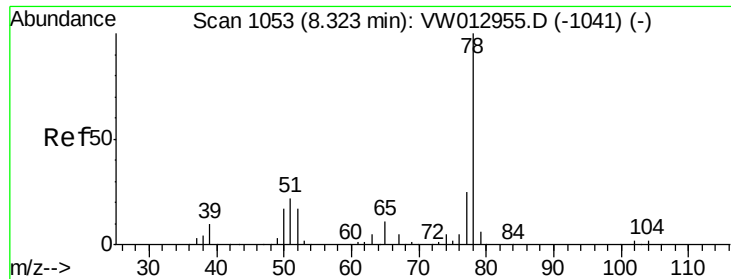
Tot Ion:114 Resp: 32716
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 15.5 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 56.529 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013025.D
 Acq: 15 Sep 2019 06:36

Tgt Ion:113 Resp: 10035
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.8 124.2
 192 23.6 17.8 26.8





#40

Benzene

Concen: 11.581 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

Instrument :

MSVOA_W

ClientSampleId :

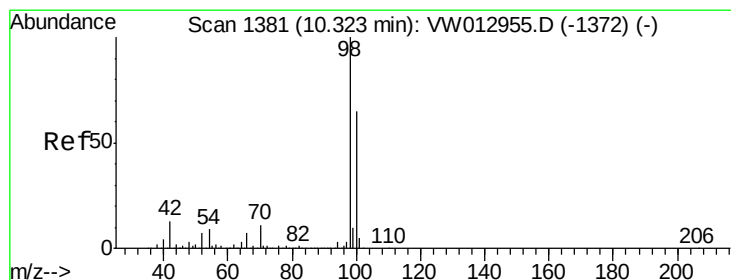
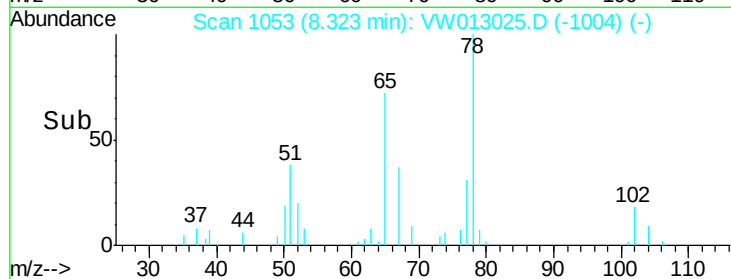
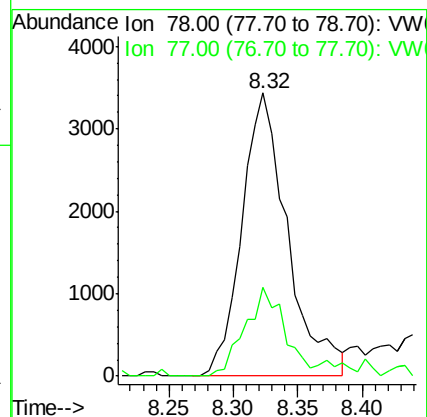
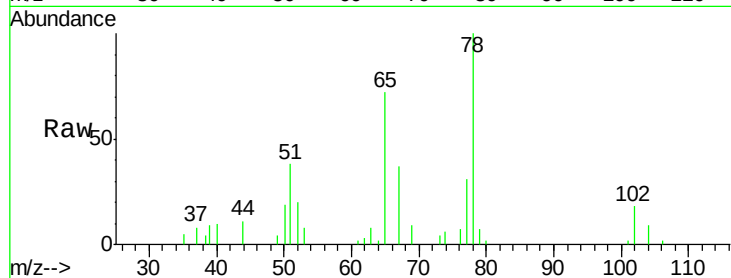
AOC-7(8)

Tot Ion: 78 Resp: 8452

Ion Ratio Lower Upper

78 100

77 31.5 19.6 29.4#



#50

Toluene-d8

Concen: 49.309 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013025.D

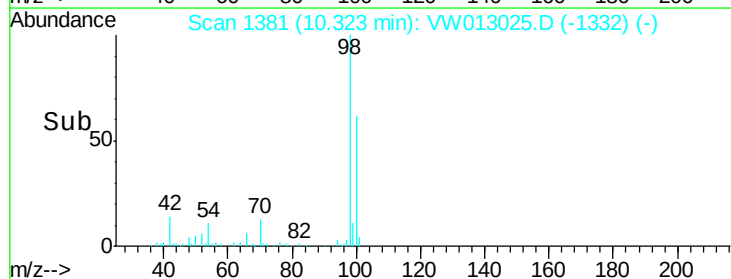
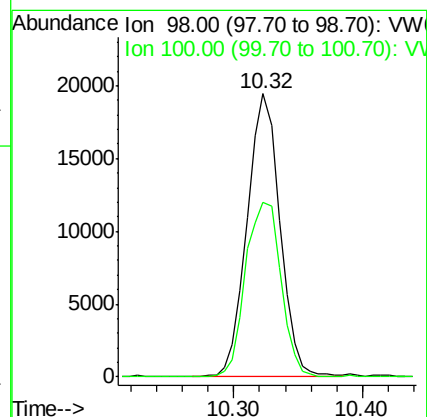
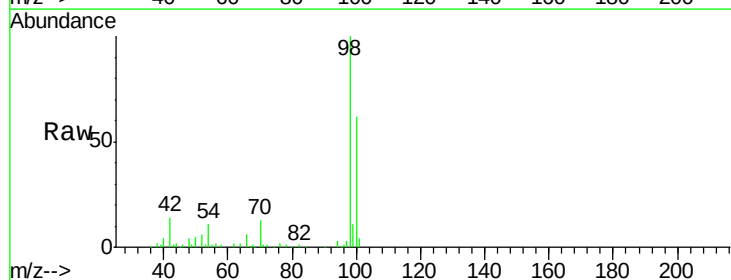
Acq: 15 Sep 2019 06:36

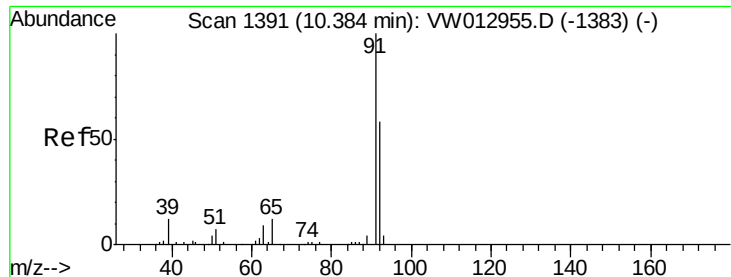
Tgt Ion: 98 Resp: 34253

Ion Ratio Lower Upper

98 100

100 66.3 52.1 78.1





#52

Toluene

Concen: 12.498 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

Instrument :

MSVOA_W

ClientSampleId :

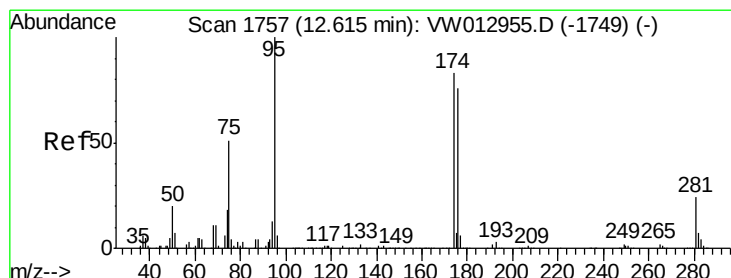
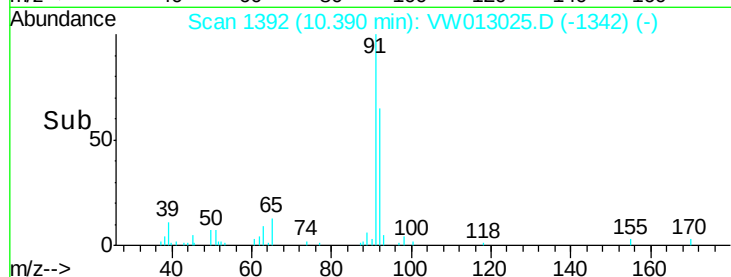
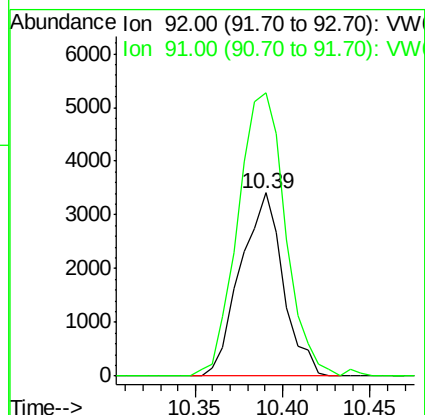
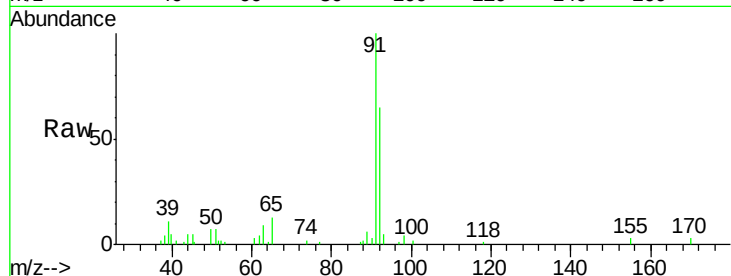
AOC-7(8)

Tot Ion: 92 Resp: 5796

Ion Ratio Lower Upper

92 100

91 172.0 137.5 206.3



#62

4-Bromofluorobenzene

Concen: 29.181 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

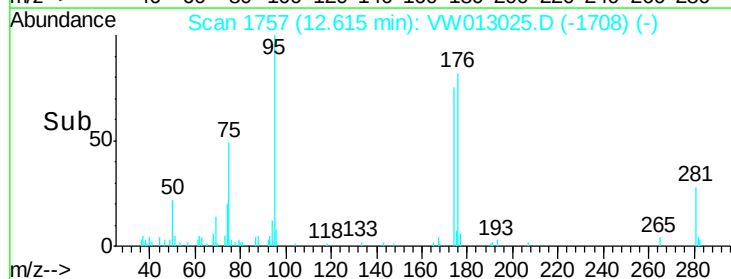
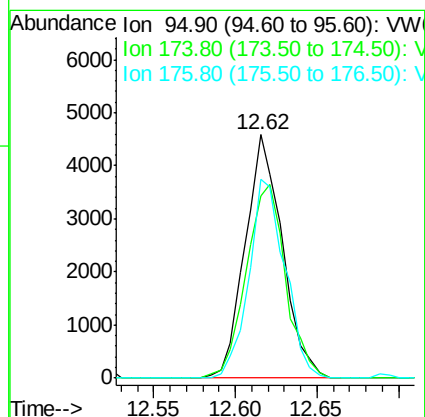
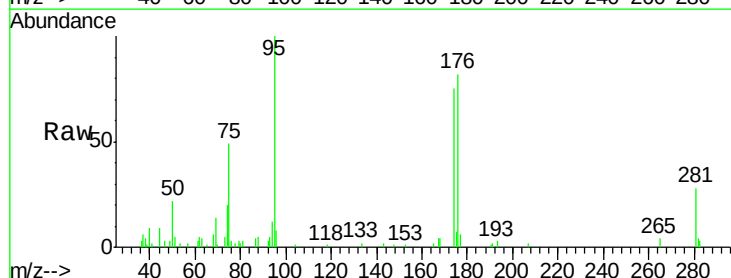
Tgt Ion: 95 Resp: 7289

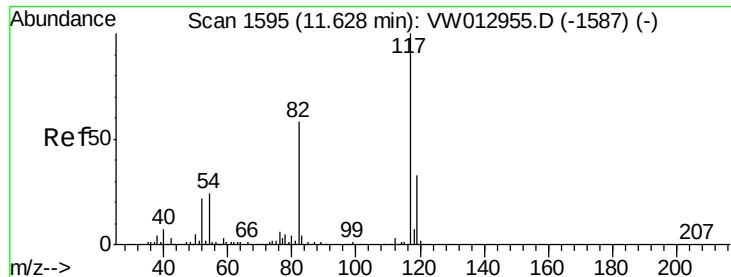
Ion Ratio Lower Upper

95 100

174 84.3 0.0 170.4

176 79.6 0.0 164.6

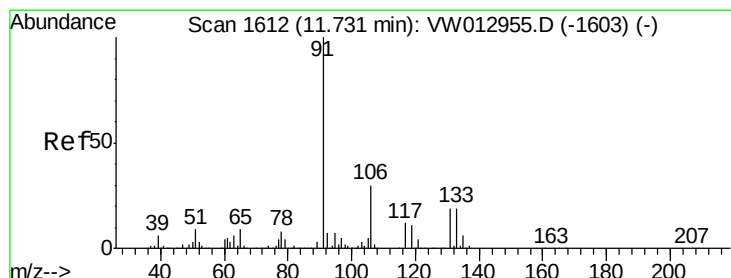
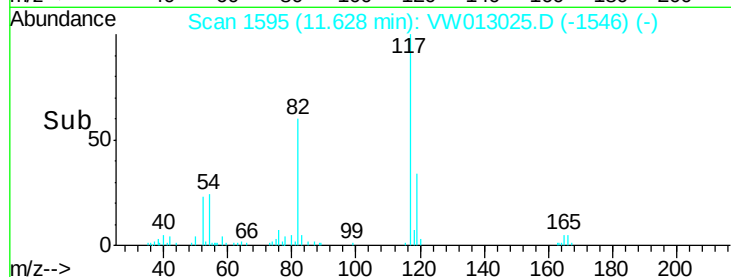
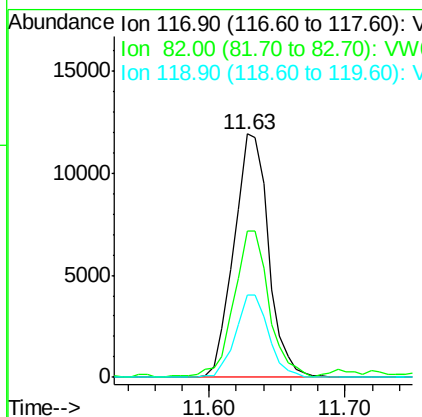
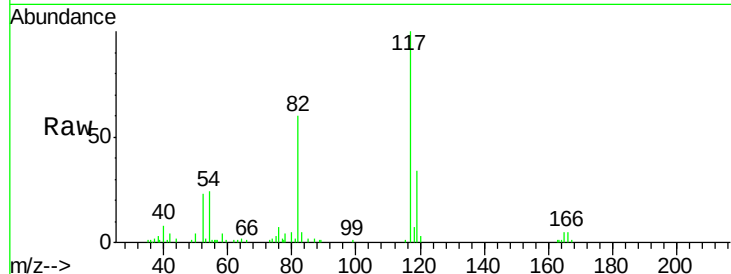




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

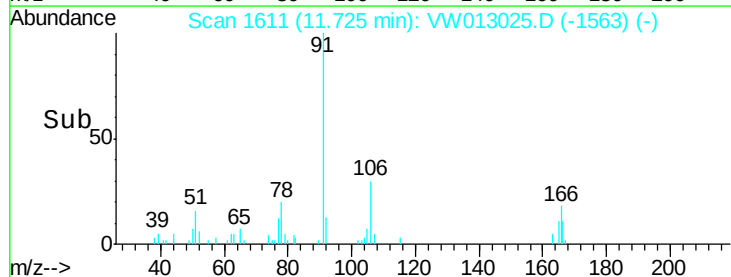
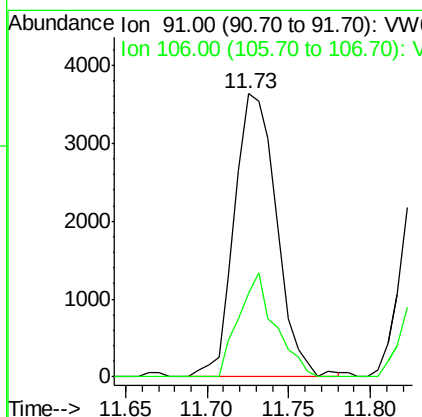
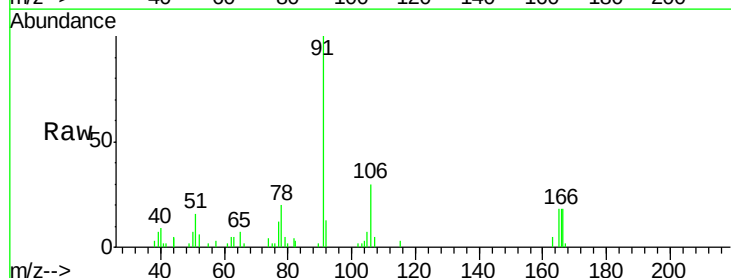
Instrument :
MSVOA_W
ClientSampleId :
AOC-7(8)

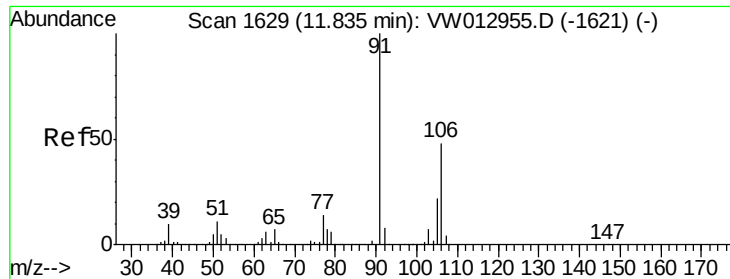
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	46.3	69.5
119	33.7	26.2	39.4



#67
Ethyl Benzene
Concen: 9.457 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.3	36.5





#68

m/p-Xylenes

Concen: 13.231 ug/l

RT: 11.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

Instrument :

MSVOA_W

ClientSampled :

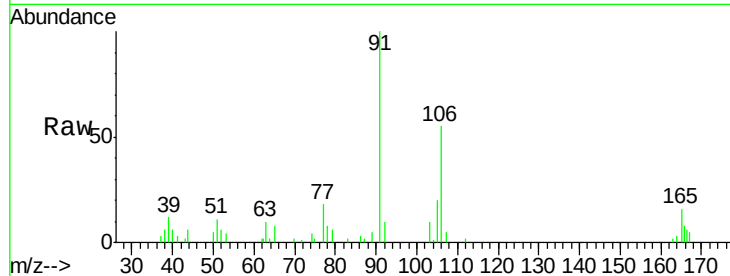
AOC-7(8)

Tot Ion:106 Resp: 3361

Ion Ratio Lower Upper

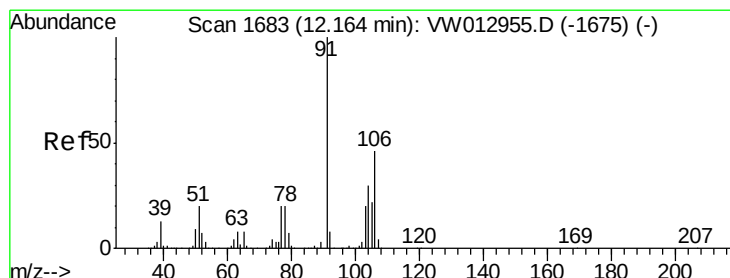
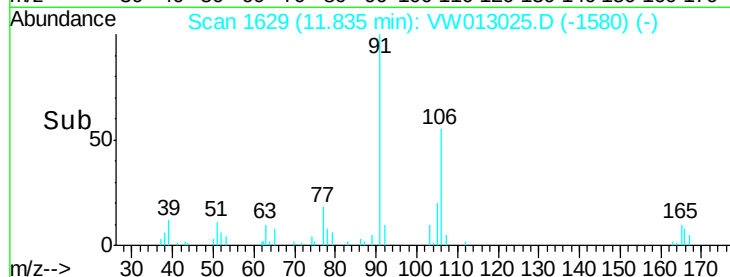
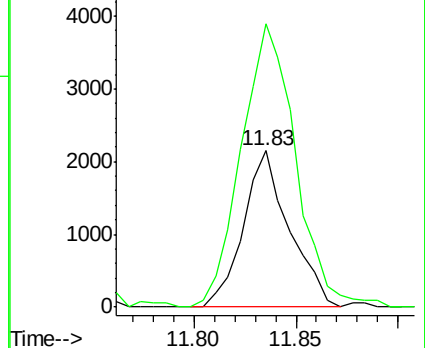
106 100

91 214.2 165.8 248.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 8.029 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW013025.D

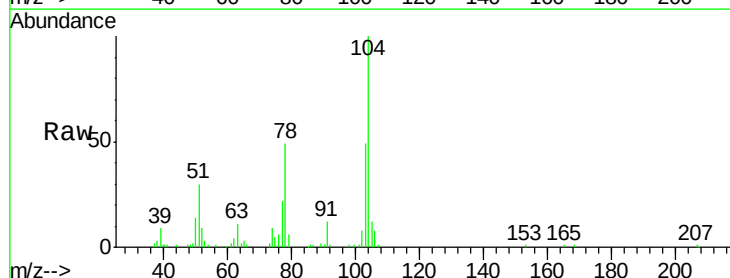
Acq: 15 Sep 2019 06:36

Tgt Ion:106 Resp: 1912

Ion Ratio Lower Upper

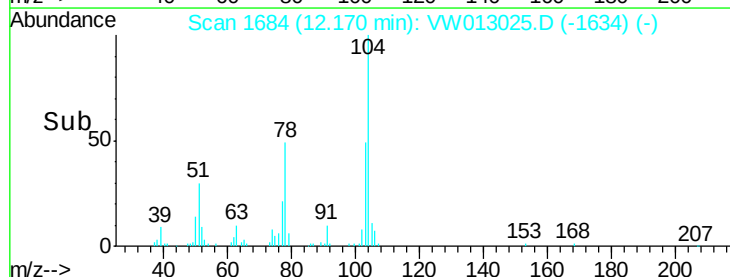
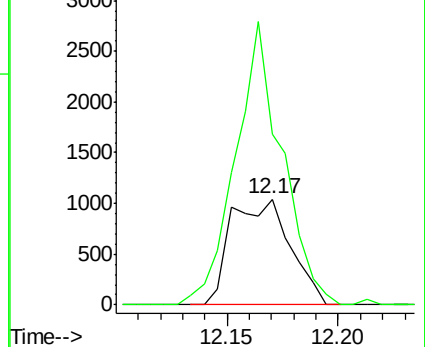
106 100

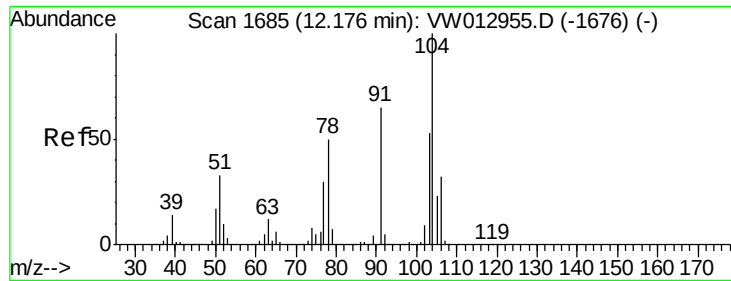
91 211.5 109.7 329.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

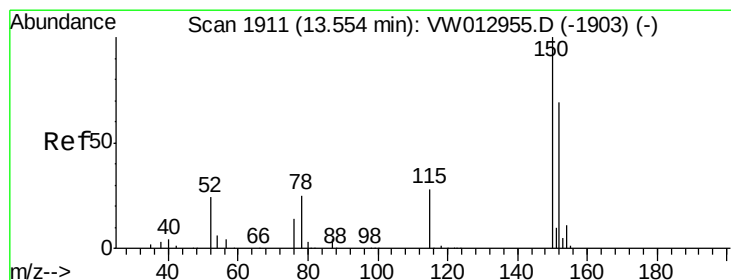
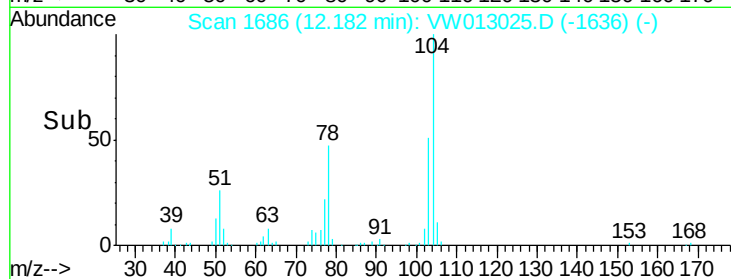
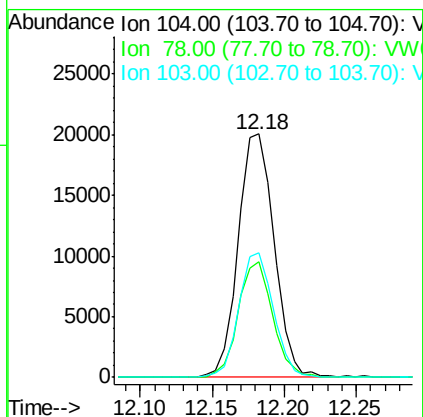
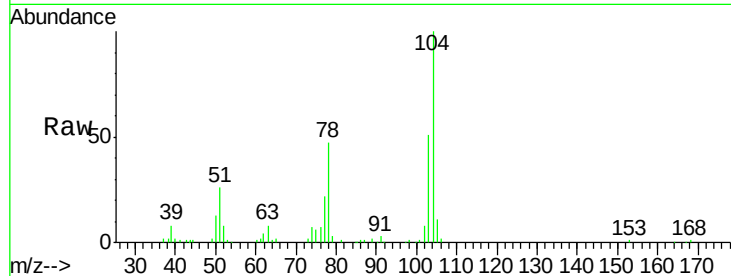




#70
Stvrene
Concen: 82.128 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

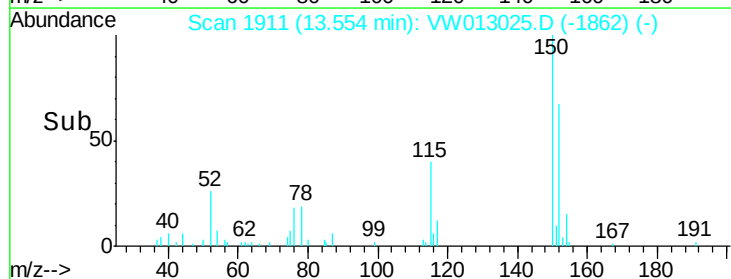
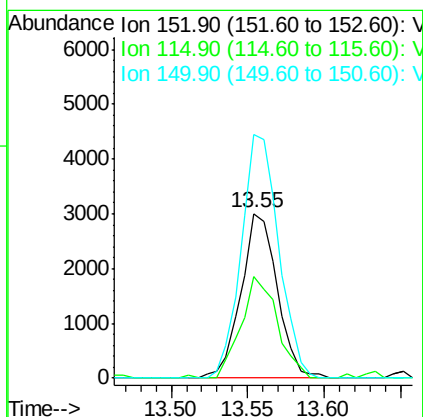
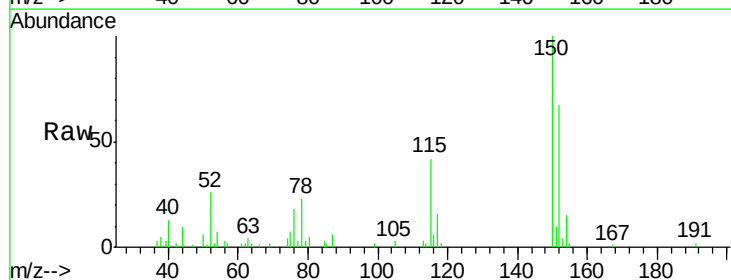
Instrument :
MSVOA_W
ClientSampled :
AOC-7(8)

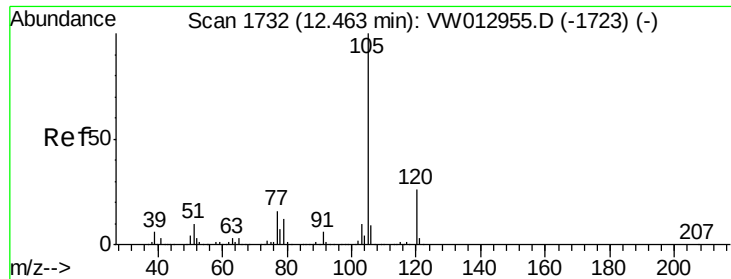
Tot Ion:104 Resp: 34793
Ion Ratio Lower Upper
104 100
78 45.6 42.1 63.1
103 49.2 44.2 66.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013025.D
Acq: 15 Sep 2019 06:36

Tgt Ion:152 Resp: 4959
Ion Ratio Lower Upper
152 100
115 61.4 28.8 86.4
150 152.0 0.0 340.2





#73

Isopropylbenzene

Concen: 3.699 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013025.D

Acq: 15 Sep 2019 06:36

Instrument :

MSVOA_W

ClientSampleId :

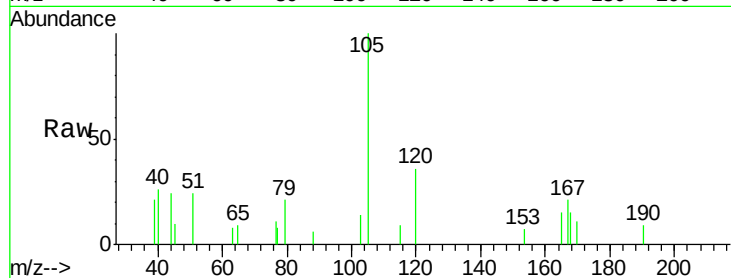
AOC-7(8)

Tot Ion:105 Resp: 1216

Ion Ratio Lower Upper

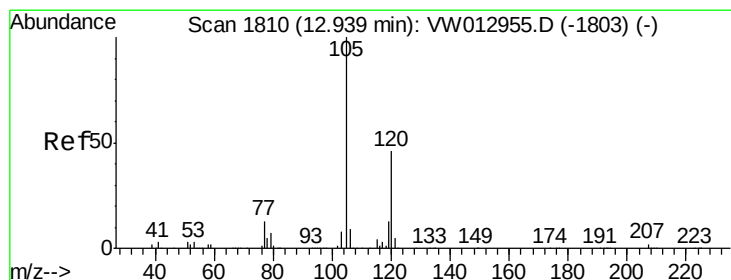
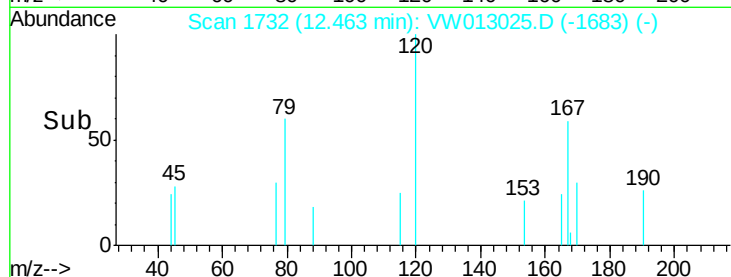
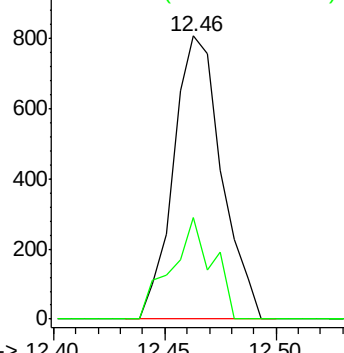
105 100

120 30.8 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 5.998 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW013025.D

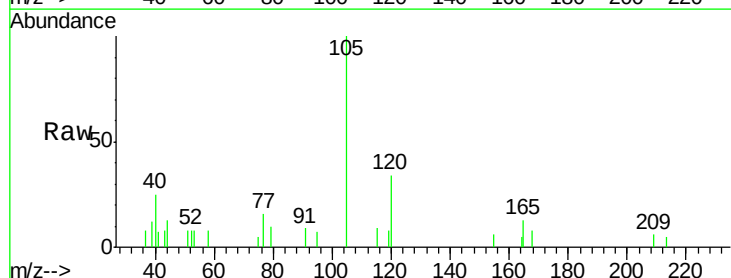
Acq: 15 Sep 2019 06:36

Tgt Ion:105 Resp: 1668

Ion Ratio Lower Upper

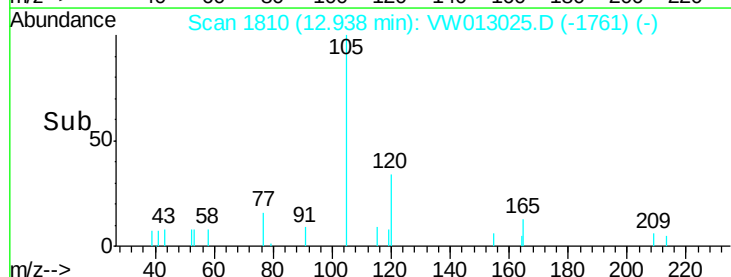
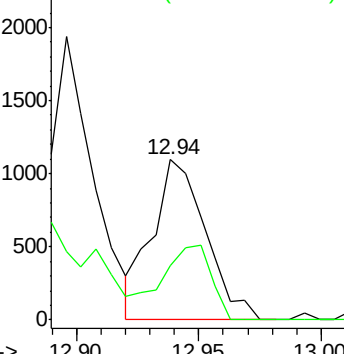
105 100

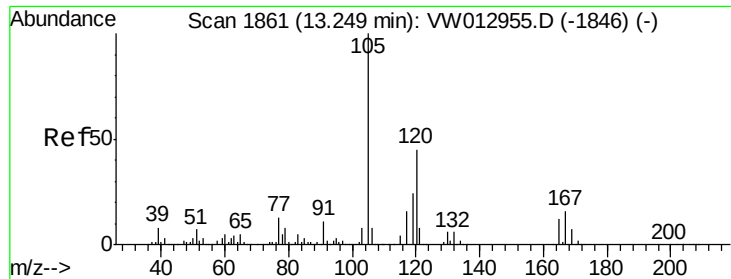
120 39.7 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

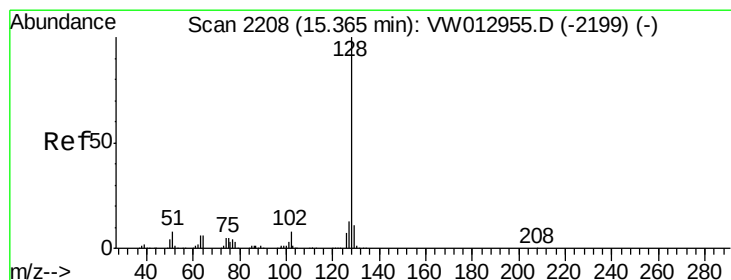
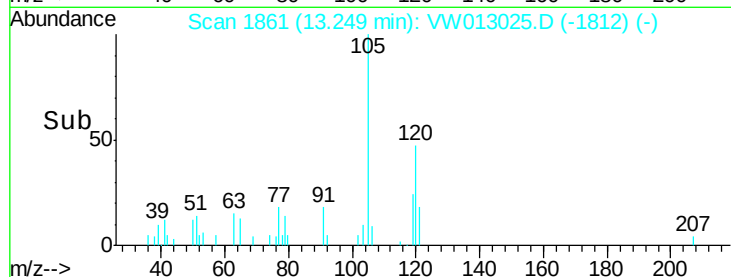
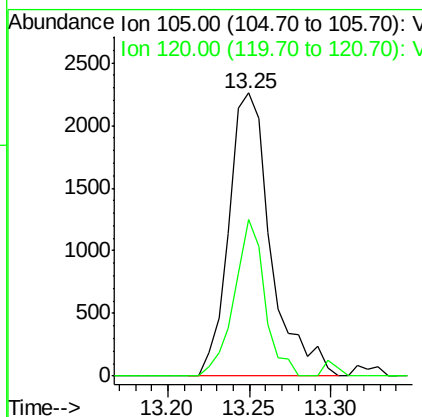
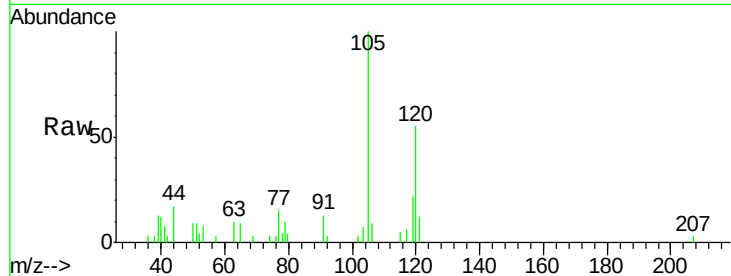




#84
 1,2,4-Trimethylbenzene
 Concen: 14.706 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013025.D
 Acq: 15 Sep 2019 06:36

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC-7(8)

Tot Ion:105 Resp: 4041
 Ion Ratio Lower Upper
 105 100
 120 40.2 21.9 65.7



#95
 Naphthalene
 Concen: 91.150 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VW013025.D
 Acq: 15 Sep 2019 06:36

Tgt Ion:128 Resp: 14318
 Ion Ratio Lower Upper
 128 100
 127 14.7 11.0 16.6
 129 10.7 8.6 12.8

