

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
 Data File : VW007093.D
 Acq On : 27 Nov 2018 17:36
 Operator : VAY/AP
 Sample : J5996-12
 Misc : 5.66G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC1-05-A

Quant Time: Nov 28 01:28:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	92048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	143024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	143828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	75371	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	48803	54.16	ug/l	0.00
Spiked Amount			Recovery	=	108.32%	
35) Dibromofluoromethane	7.88	113	40027	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
50) Toluene-d8	10.33	98	174181	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.62	95	71493	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	

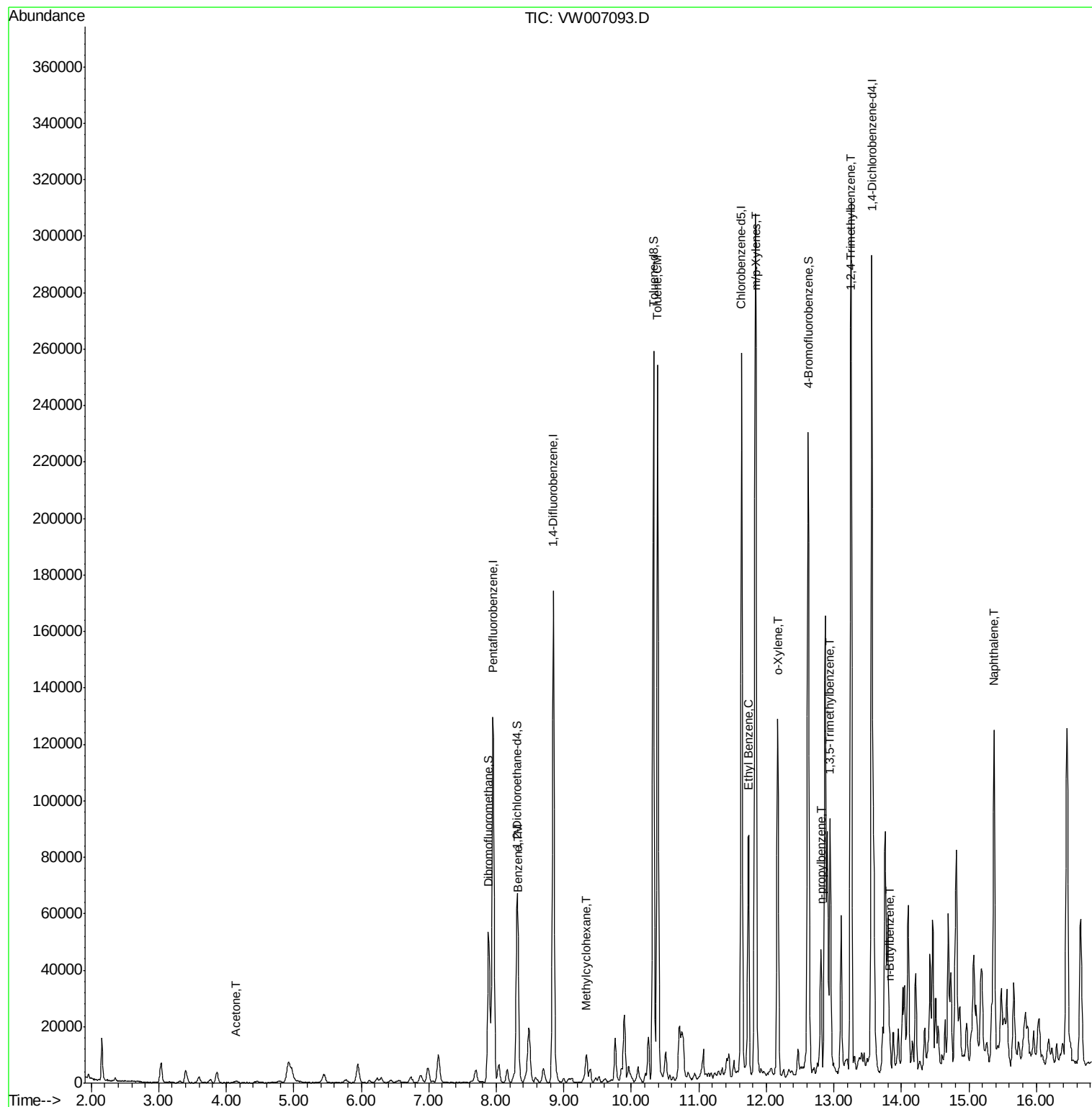
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	1626	12.43	ug/l	92
39) Methylcyclohexane	9.34	83	2119	1.21	ug/l	96
40) Benzene	8.33	78	14263	3.78	ug/l	95
52) Toluene	10.39	92	108531	42.27	ug/l	100
67) Ethyl Benzene	11.74	91	61467	11.15	ug/l	99
68) m/p-Xylenes	11.84	106	94418	43.64	ug/l	99
69) o-Xylene	12.17	106	33969	16.65	ug/l	100
78) n-propylbenzene	12.81	91	33459	4.72	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	42261	8.34	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	171597	34.00	ug/l	99
89) n-Butylbenzene	13.83	91	6051	1.18	ug/l #	75
95) Naphthalene	15.38	128	100667	37.37	ug/l	98

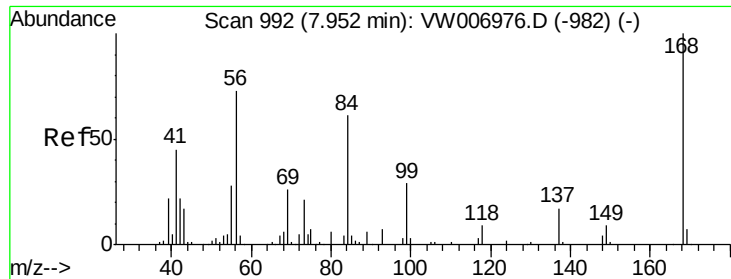
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
Data File : VW007093.D
Acq On : 27 Nov 2018 17:36
Operator : VAY/AP
Sample : J5996-12
Misc : 5.66G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AOC1-05-A

Quant Time: Nov 28 01:28:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007093.D

Acq: 27 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

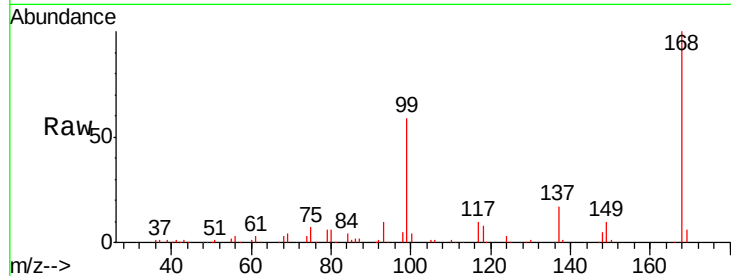
AOC1-05-A

Tgt Ion:168 Resp: 92048

Ion Ratio Lower Upper

168 100

99 59.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

20000

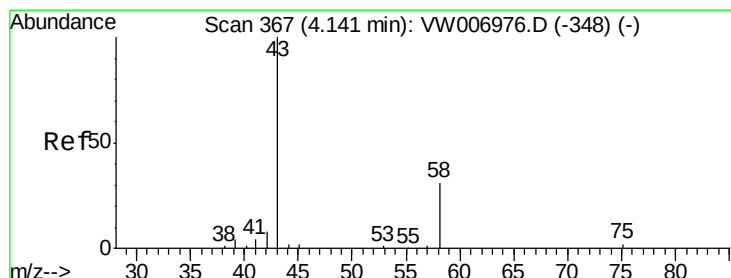
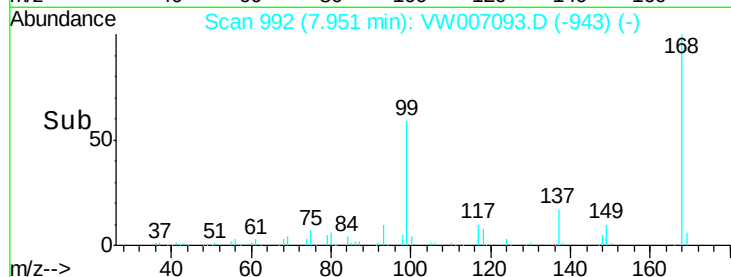
10000

0

Time-->

7.90

8.00



#16

Acetone

Concen: 12.43 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007093.D

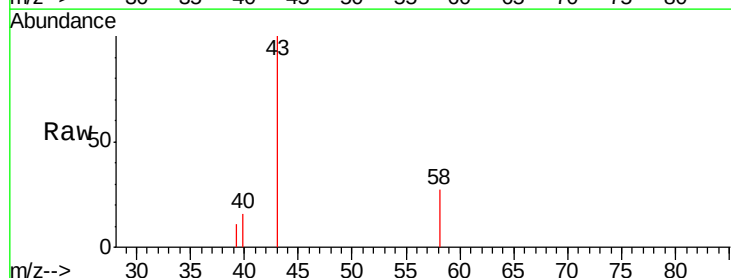
Acq: 27 Nov 2018 17:36

Tgt Ion: 43 Resp: 1626

Ion Ratio Lower Upper

43 100

58 26.8 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

600

500

400

300

200

100

0

Time-->

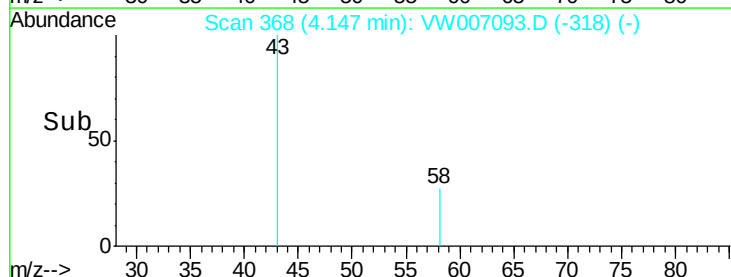
4.05

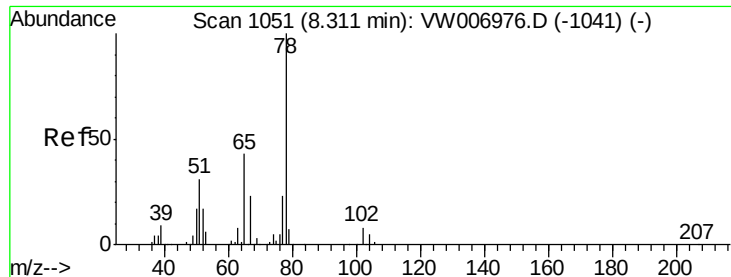
4.10

4.15

4.20

4.25

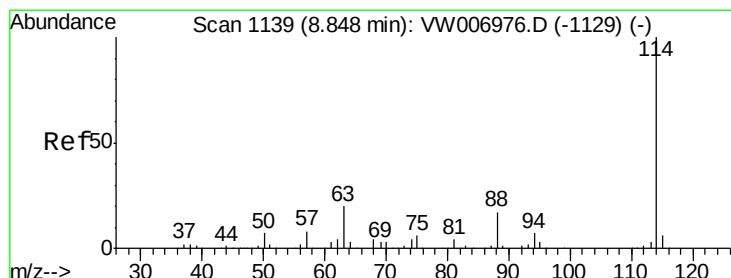
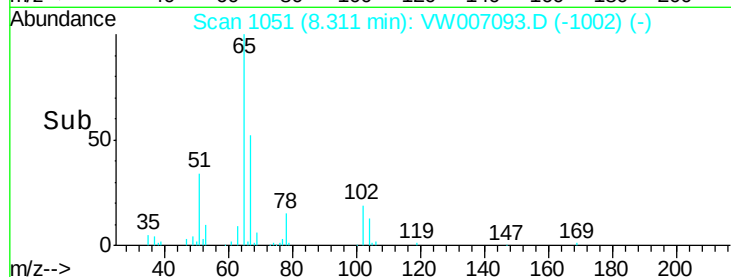
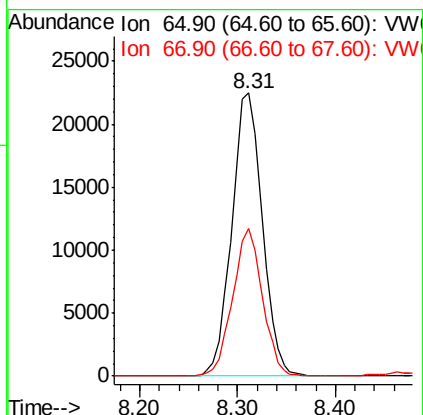
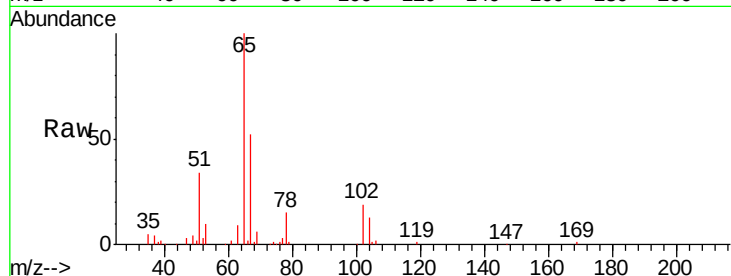




#33
 1,2-Dichloroethane-d4
 Concen: 54.16 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007093.D
 Acq: 27 Nov 2018 17:36

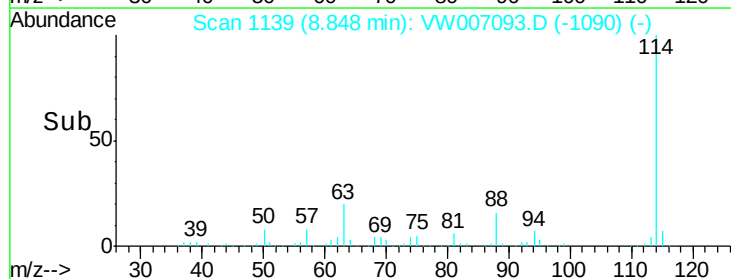
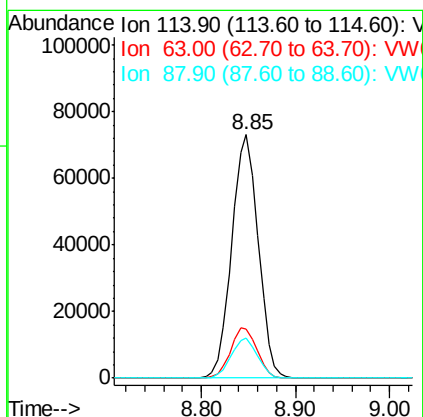
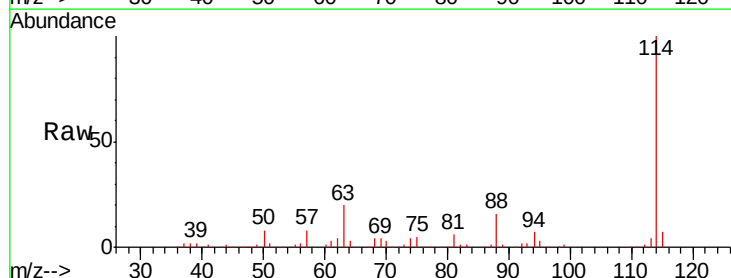
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC1-05-A

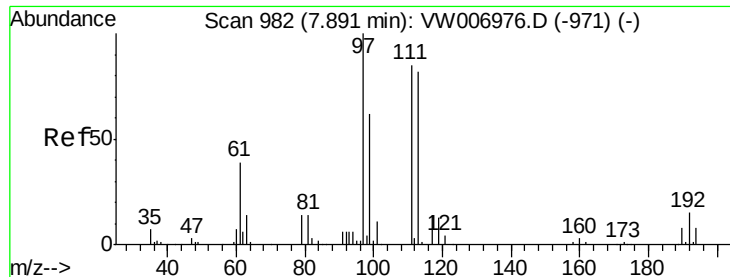
Tgt Ion: 65 Resp: 48803
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007093.D
 Acq: 27 Nov 2018 17:36

Tgt Ion: 114 Resp: 143024
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.4
 88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.56 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW007093.D

Acq: 27 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

AOC1-05-A

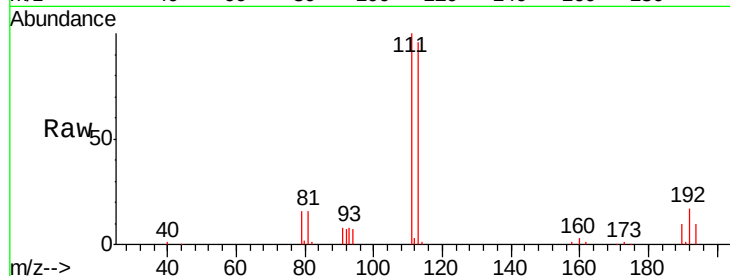
Tgt Ion:113 Resp: 40027

Ion Ratio Lower Upper

113 100

111 102.2 81.0 121.6

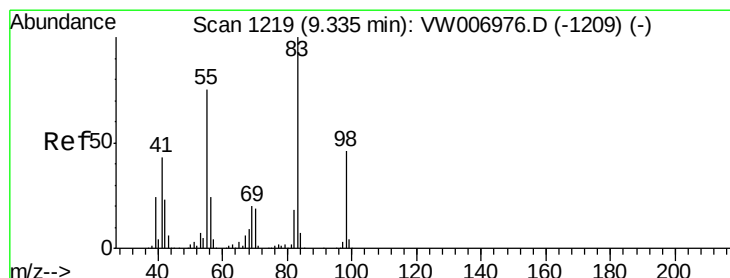
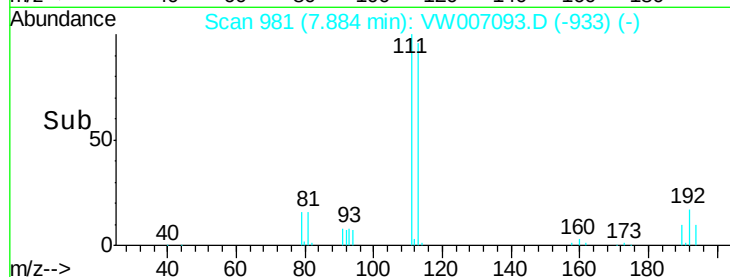
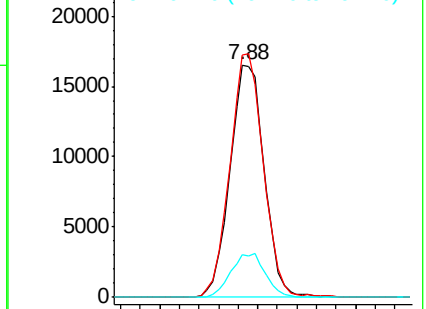
192 18.8 15.0 22.6



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



#39

Methylcyclohexane

Concen: 1.21 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW007093.D

Acq: 27 Nov 2018 17:36

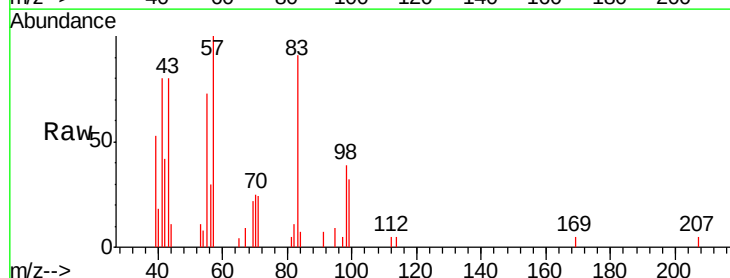
Tgt Ion: 83 Resp: 2119

Ion Ratio Lower Upper

83 100

55 71.2 59.6 89.4

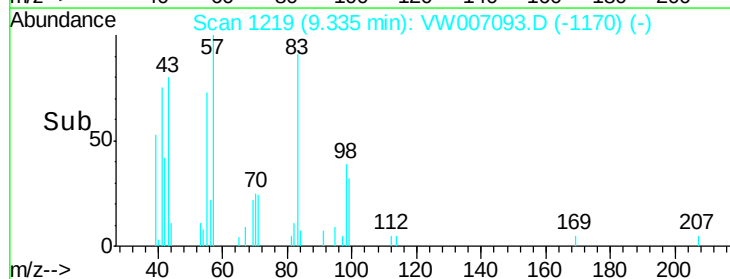
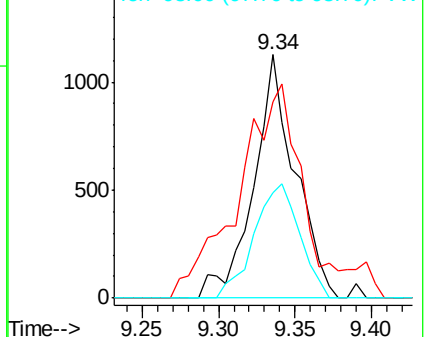
98 43.0 37.1 55.7

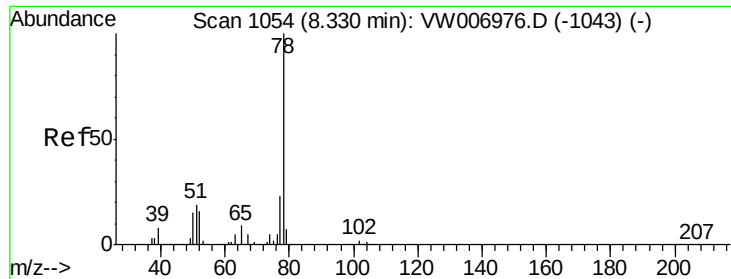


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#40

Benzene

Concen: 3.78 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW007093.D

Acq: 27 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampleId :

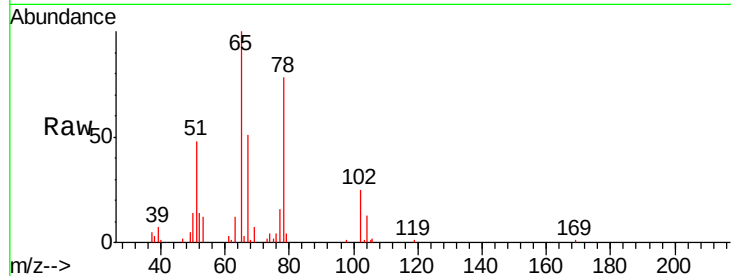
AOC1-05-A

Tgt Ion: 78 Resp: 14263

Ion Ratio Lower Upper

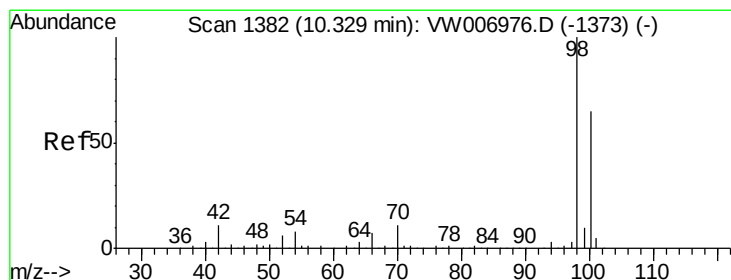
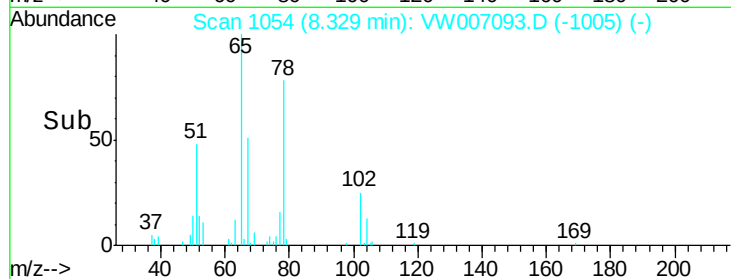
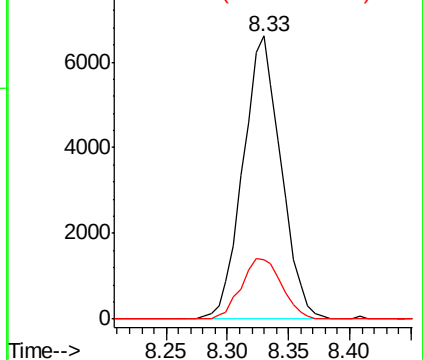
78 100

77 20.9 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



#50

Toluene-d8

Concen: 48.84 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007093.D

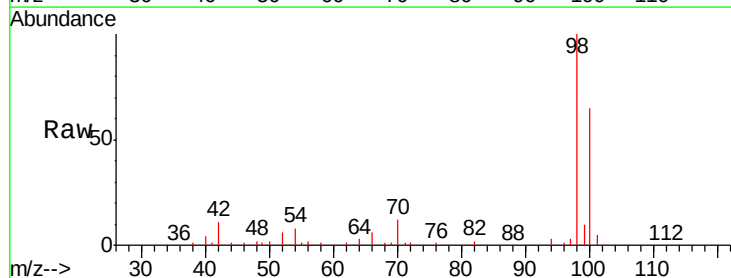
Acq: 27 Nov 2018 17:36

Tgt Ion: 98 Resp: 174181

Ion Ratio Lower Upper

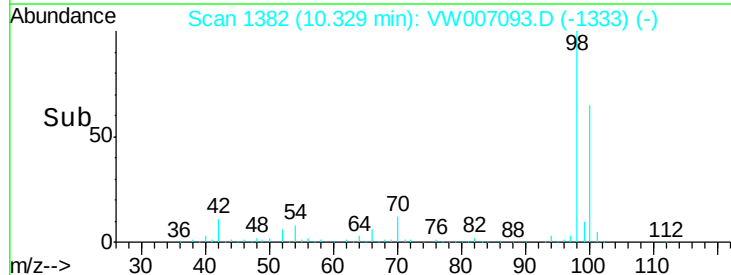
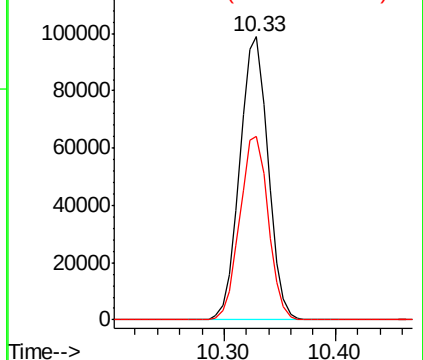
98 100

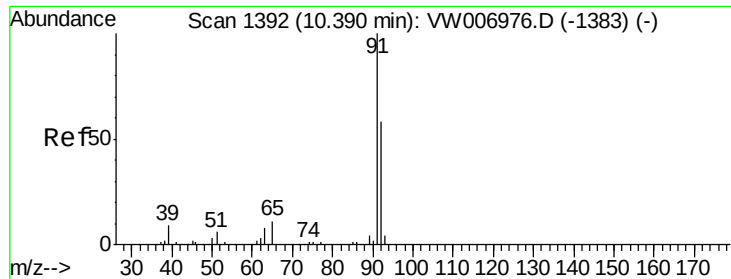
100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 42.27 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007093.D

Acq: 27 Nov 2018 17:36

Instrument :

MSVOA_W

ClientSampled :

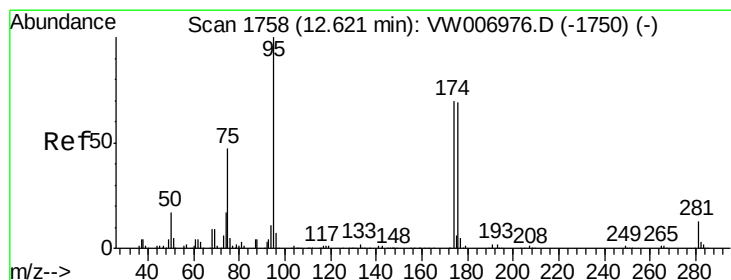
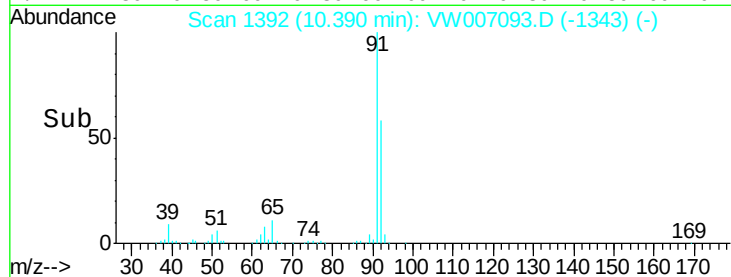
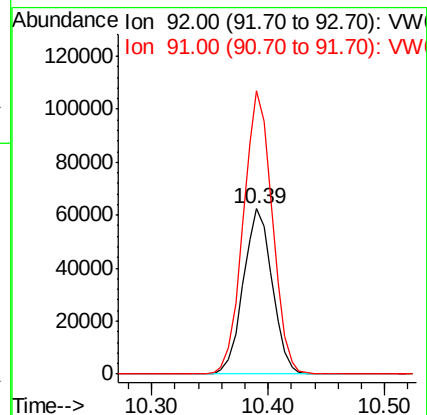
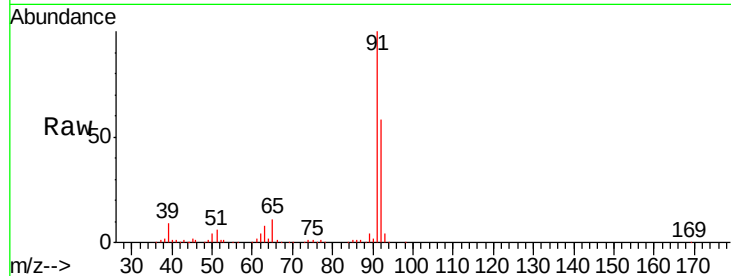
AOC1-05-A

Tgt Ion: 92 Resp: 108531

Ion Ratio Lower Upper

92 100

91 171.4 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 50.94 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007093.D

Acq: 27 Nov 2018 17:36

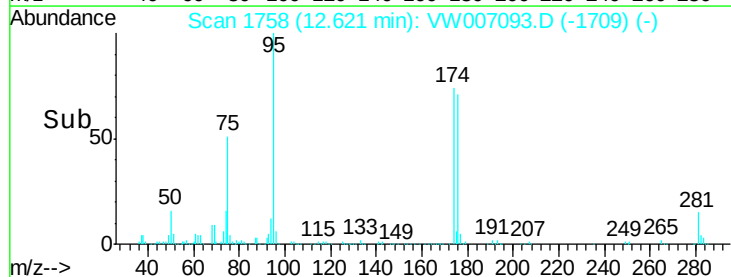
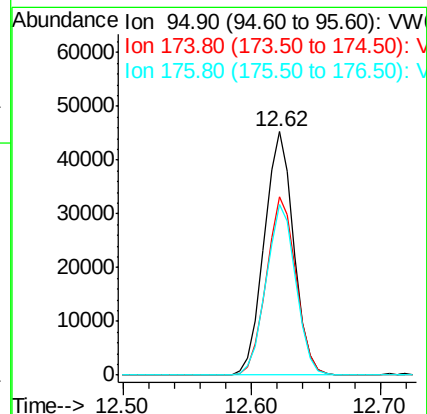
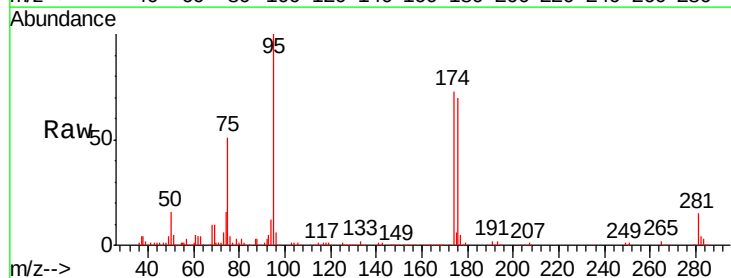
Tgt Ion: 95 Resp: 71493

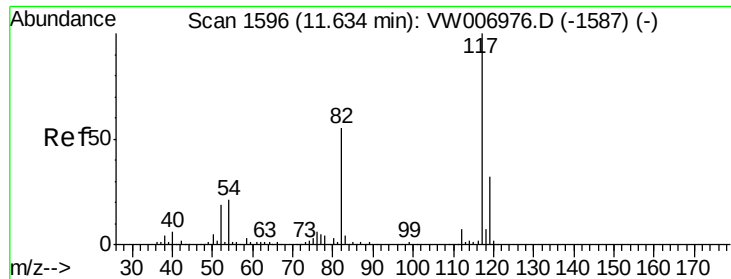
Ion Ratio Lower Upper

95 100

174 73.7 0.0 143.6

176 70.7 0.0 140.4

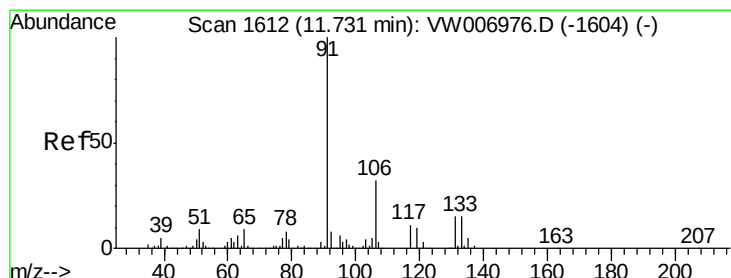
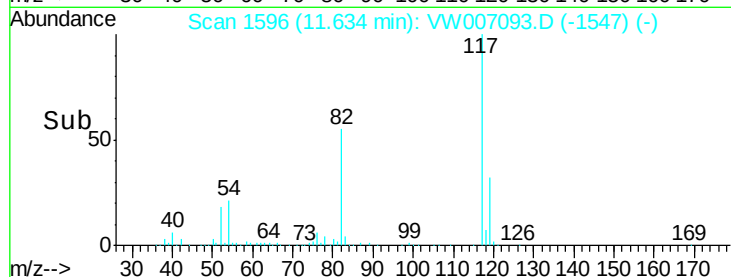
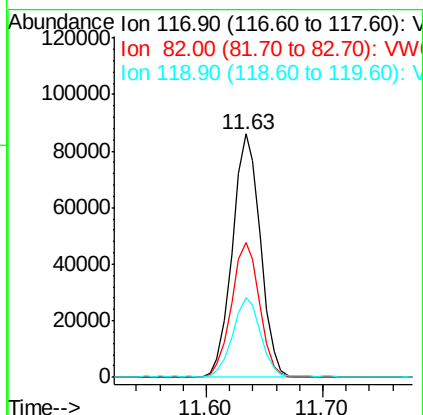
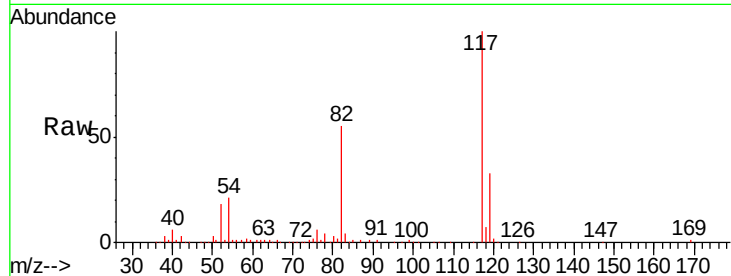




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007093.D
Acq: 27 Nov 2018 17:36

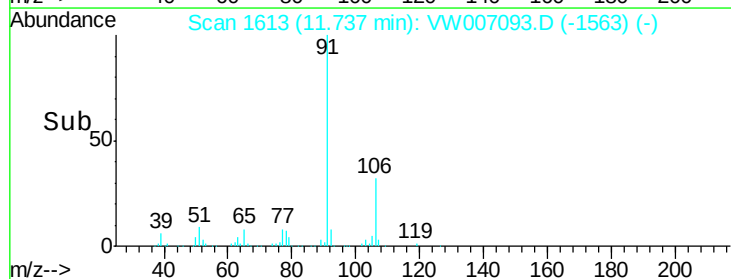
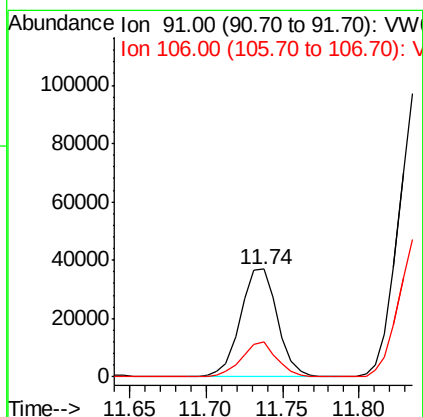
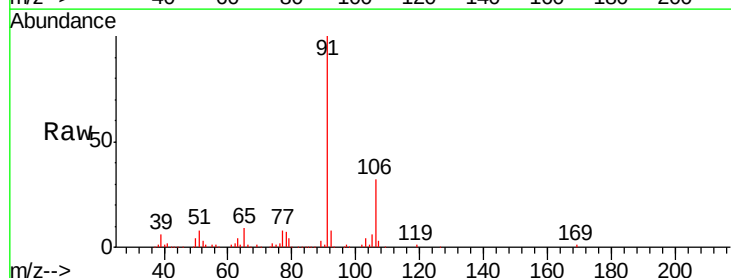
Instrument :
MSVOA_W
ClientSampleId :
AOC1-05-A

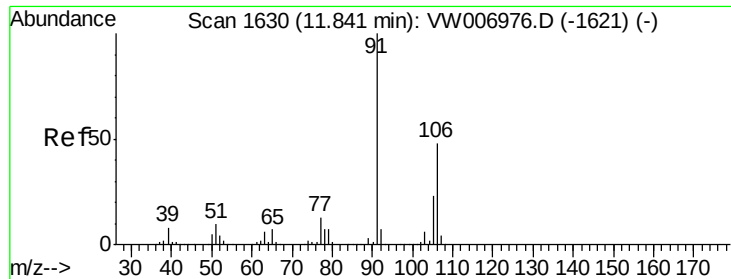
Tgt Ion:117 Resp: 143828
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.4 25.9 38.9



#67
Ethyl Benzene
Concen: 11.15 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007093.D
Acq: 27 Nov 2018 17:36

Tgt Ion: 91 Resp: 61467
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.2

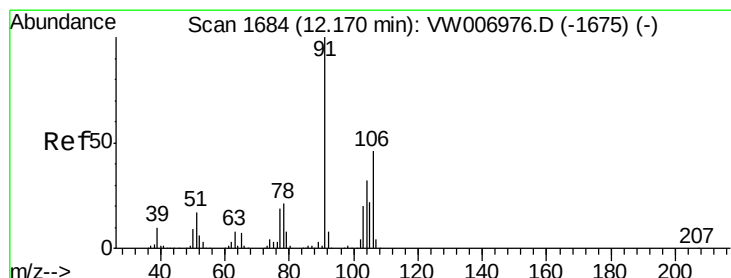
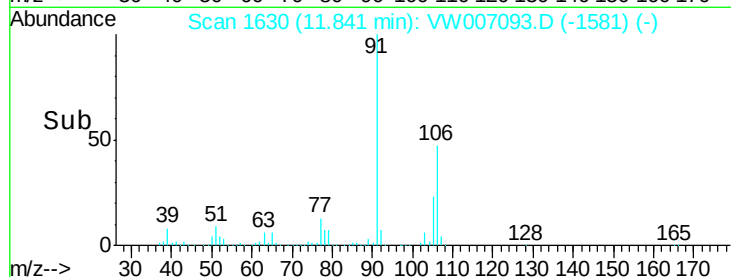
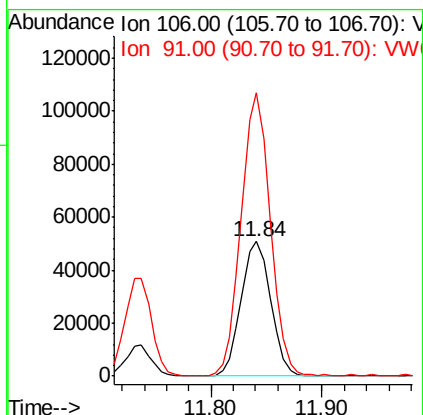
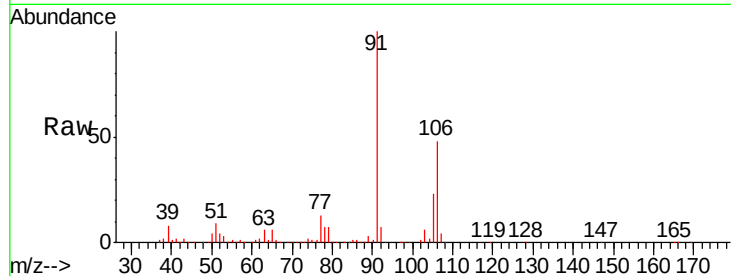




#68
m/p-Xylenes
Concen: 43.64 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007093.D
Acq: 27 Nov 2018 17:36

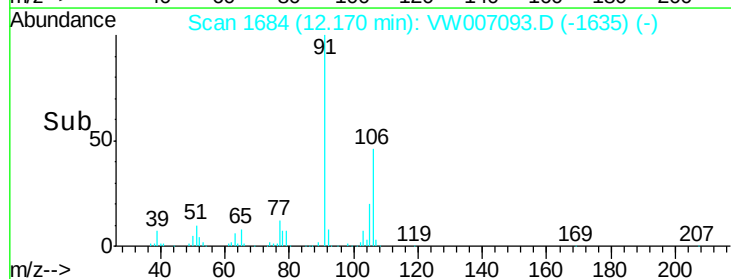
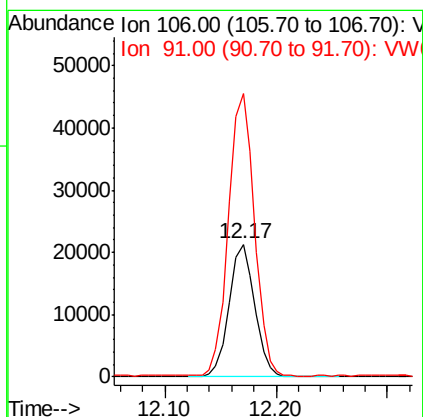
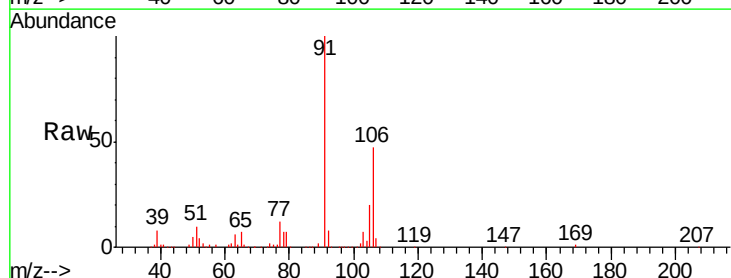
Instrument :
MSVOA_W
ClientSampleId :
AOC1-05-A

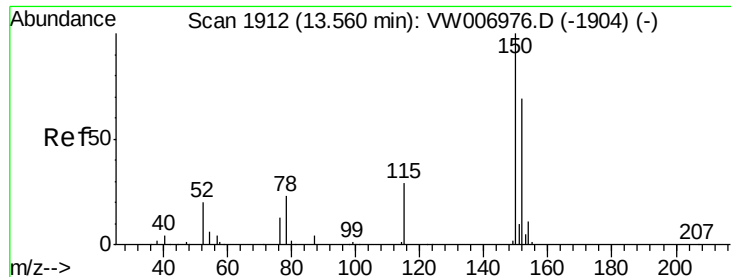
Tgt Ion:106 Resp: 94418
Ion Ratio Lower Upper
106 100
91 205.0 164.8 247.2



#69
o-Xylene
Concen: 16.65 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007093.D
Acq: 27 Nov 2018 17:36

Tgt Ion:106 Resp: 33969
Ion Ratio Lower Upper
106 100
91 215.3 107.9 323.8

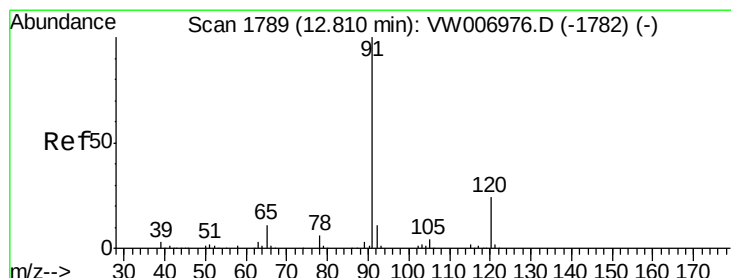
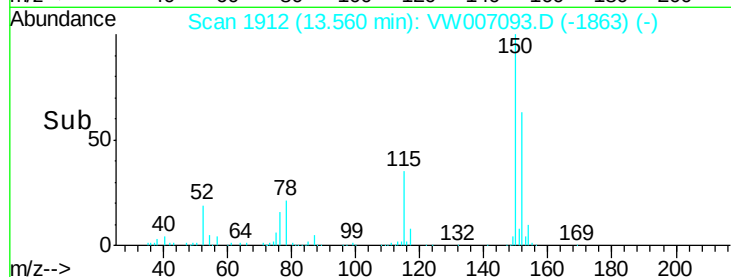
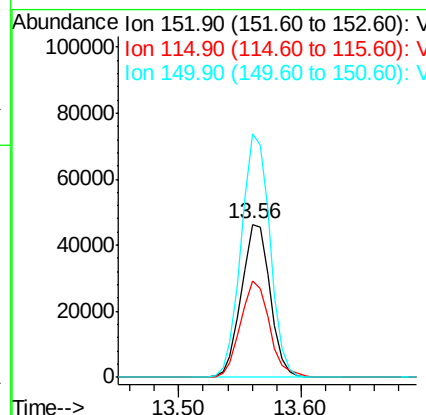
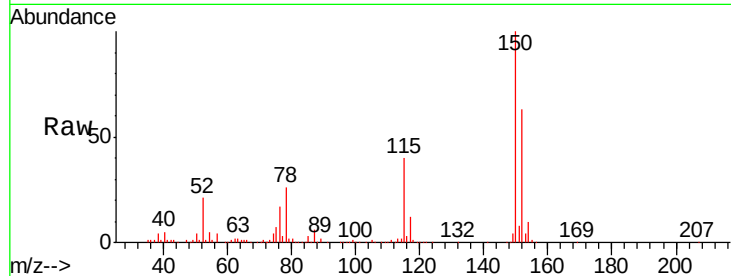




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007093.D
 Acq: 27 Nov 2018 17:36

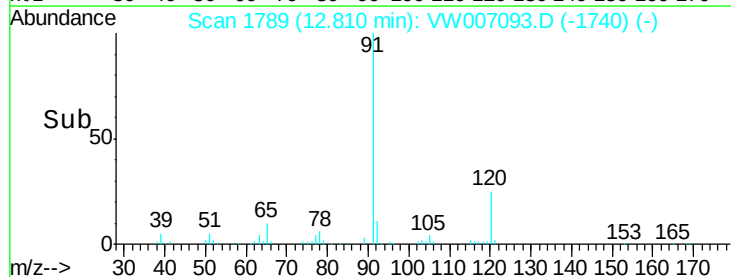
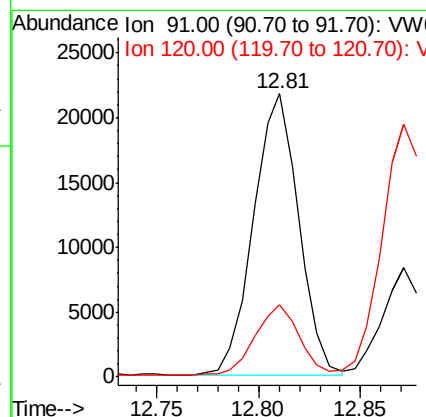
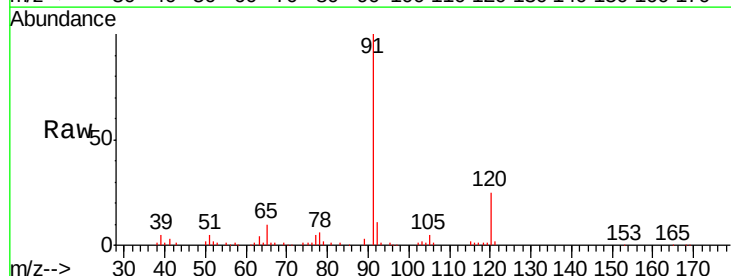
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC1-05-A

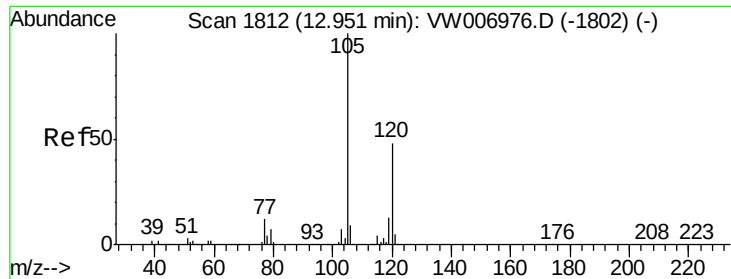
Tgt Ion:152 Resp: 75371
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.4 94.2
 150 158.3 0.0 353.4



#78
 n-propylbenzene
 Concen: 4.72 ug/l
 RT: 12.81 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VW007093.D
 Acq: 27 Nov 2018 17:36

Tgt Ion: 91 Resp: 33459
 Ion Ratio Lower Upper
 91 100
 120 25.0 11.7 35.1

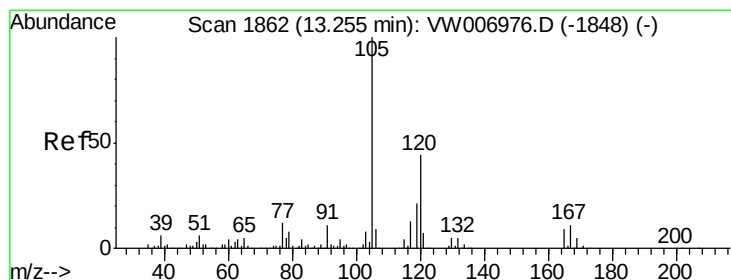
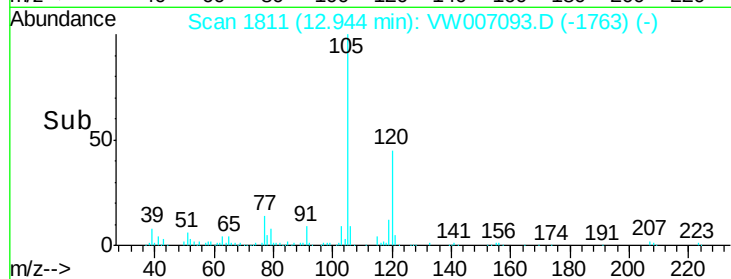
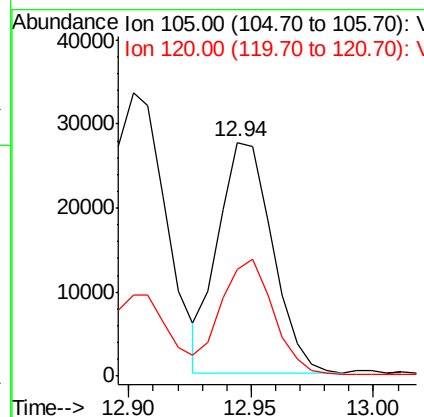
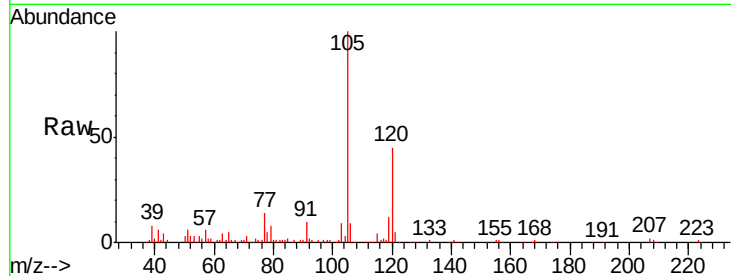




#80
 1,3,5-Trimethylbenzene
 Concen: 8.34 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: VW007093.D
 Acq: 27 Nov 2018 17:36

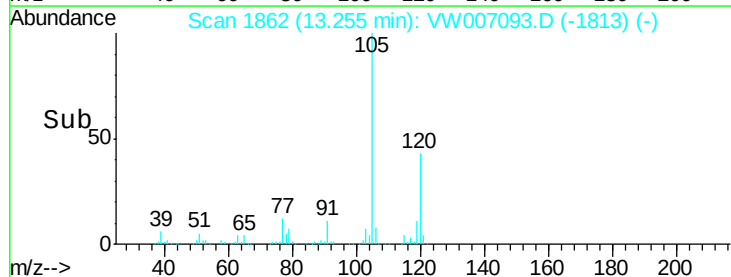
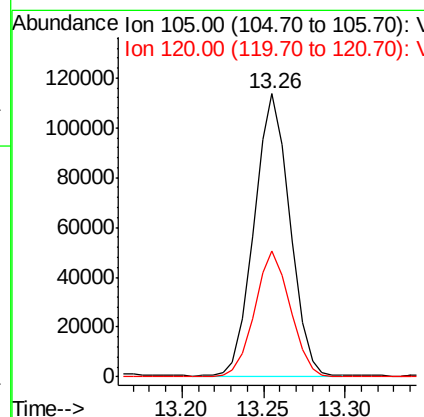
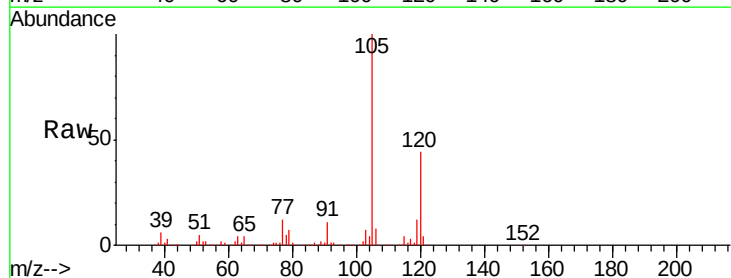
Instrument :
 MSVOA_W
 ClientSampleId :
 AOC1-05-A

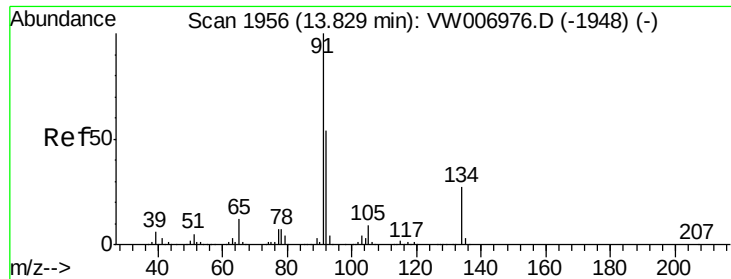
Tgt Ion:105 Resp: 42261
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.8 71.2



#84
 1,2,4-Trimethylbenzene
 Concen: 34.00 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007093.D
 Acq: 27 Nov 2018 17:36

Tgt Ion:105 Resp: 171597
 Ion Ratio Lower Upper
 105 100
 120 44.1 21.8 65.3

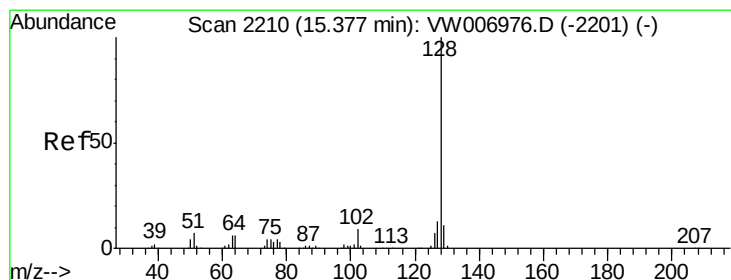
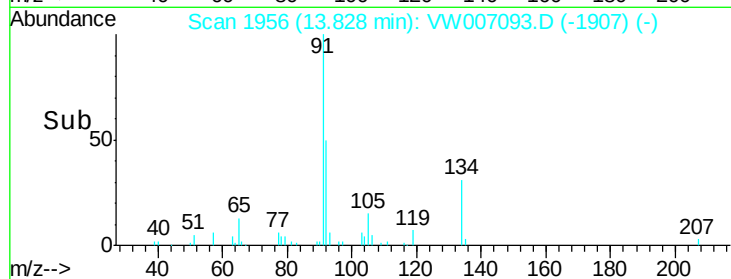
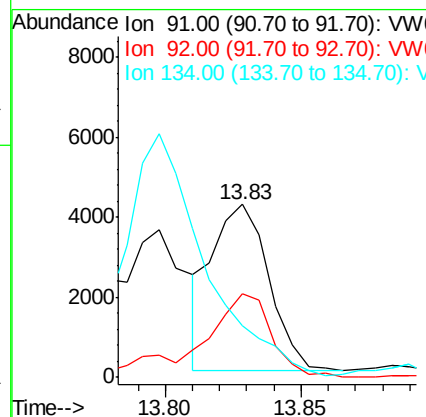
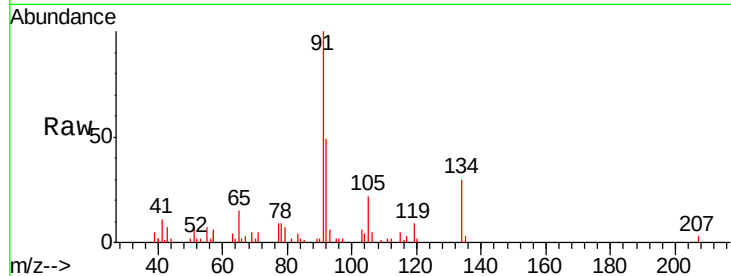




#89
n-Butylbenzene
Concen: 1.18 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007093.D
Acq: 27 Nov 2018 17:36

Instrument :
MSVOA_W
ClientSampleId :
AOC1-05-A

Tgt Ion: 91 Resp: 6051
Ion Ratio Lower Upper
91 100
92 62.3 26.8 80.4
134 0.0 13.3 39.8#



#95
Naphthalene
Concen: 37.37 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007093.D
Acq: 27 Nov 2018 17:36

Tgt Ion: 128 Resp: 100667
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.3 8.7 13.1

