

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
 Data File : VY001612.D
 Acq On : 12 Feb 2020 14:47
 Operator : SY/MD
 Sample : L1509-02
 Misc : 6.69G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AOC-3-SP-C

Quant Time: Feb 13 08:07:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	166123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	299011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	256222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	100697	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	93015	55.61	ug/l	0.00
Spiked Amount			Recovery	=	111.22%	
35) Dibromofluoromethane	7.74	113	85497	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
50) Toluene-d8	10.19	98	356181	54.60	ug/l	0.00
Spiked Amount			Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.49	95	112418	43.74	ug/l	0.00
Spiked Amount			Recovery	=	87.48%	

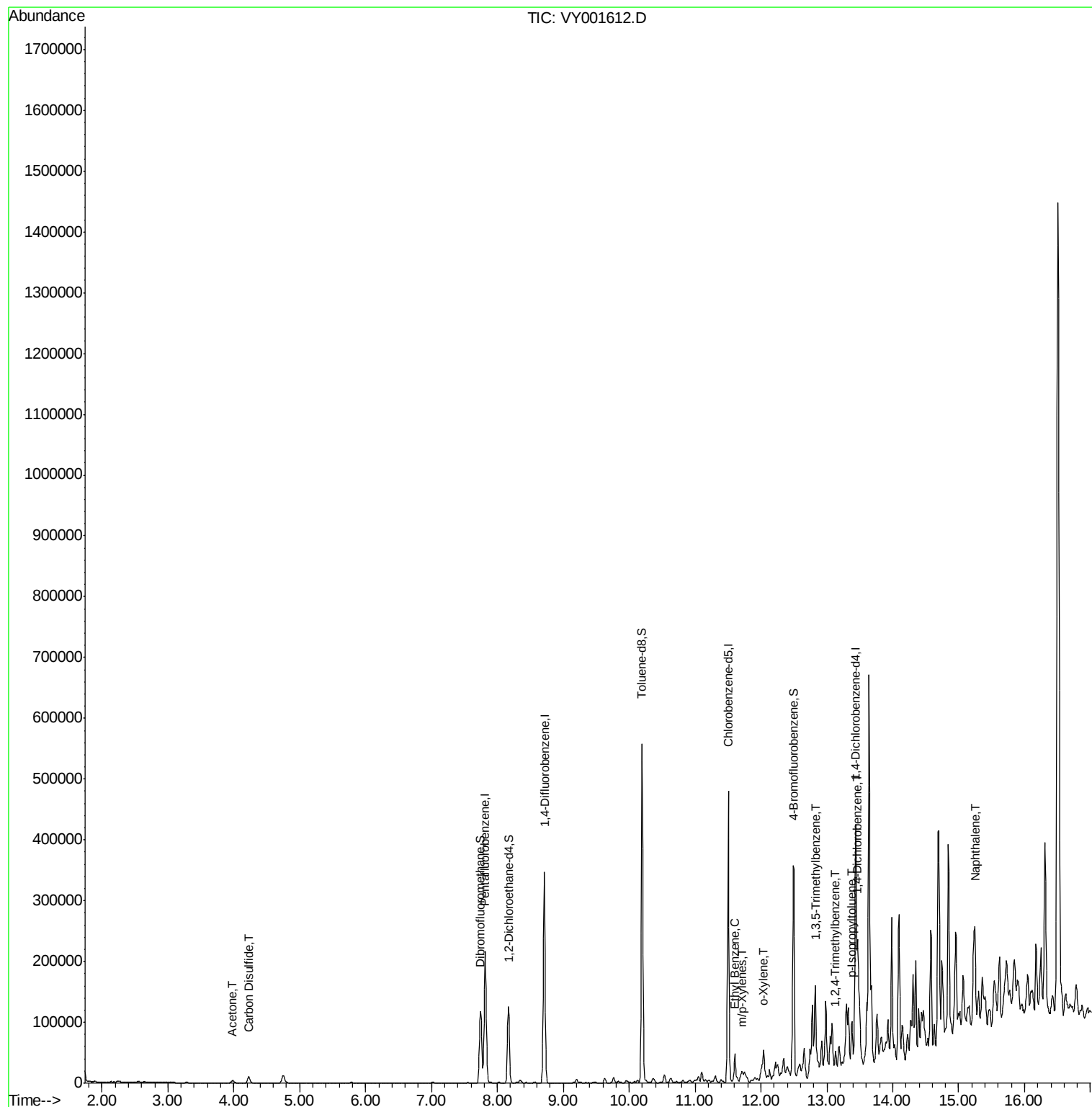
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.98	43	7583	15.673	ug/l	92
17) Carbon Disulfide	4.22	76	20114	3.618	ug/l	97
67) Ethyl Benzene	11.61	91	31037	3.337	ug/l	100
68) m/p-Xylenes	11.72	106	4373	1.252	ug/l	95
69) o-Xylene	12.04	106	11780	3.578	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	52525	8.121	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	15771	2.464	ug/l	99
86) p-Isopropyltoluene	13.38	119	31804	4.695	ug/l	97
88) 1,4-Dichlorobenzene	13.46	146	7159	2.243	ug/l #	74
95) Naphthalene	15.25	128	110938	24.267	ug/l	97

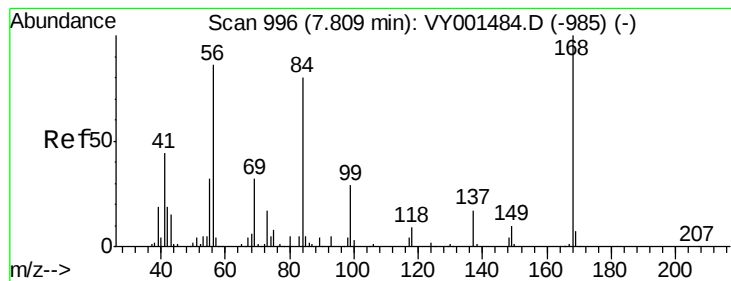
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021220\
Data File : VY001612.D
Acq On : 12 Feb 2020 14:47
Operator : SY/MD
Sample : L1509-02
Misc : 6.69G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AOC-3-SP-C

Quant Time: Feb 13 08:07:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001612.D

Acq: 12 Feb 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

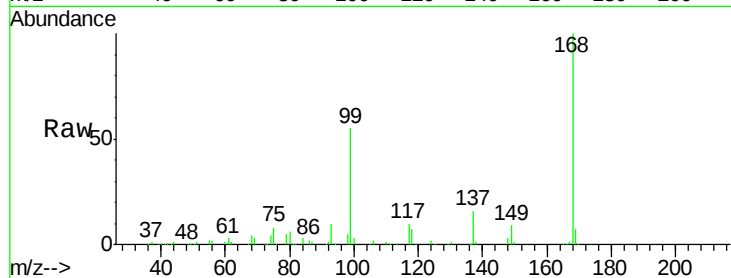
AOC-3-SP-C

Tot Ion:168 Resp: 166123

Ion Ratio Lower Upper

168 100

99 54.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001612.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001612.D (-947) (-)

7.82

80000

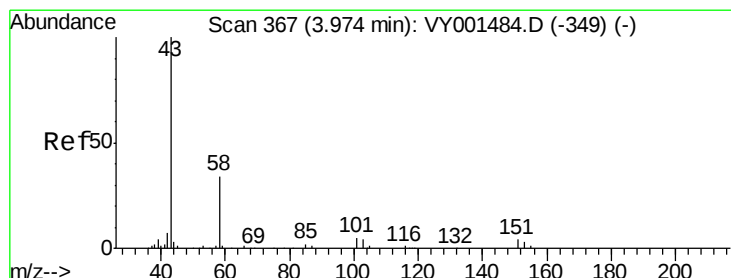
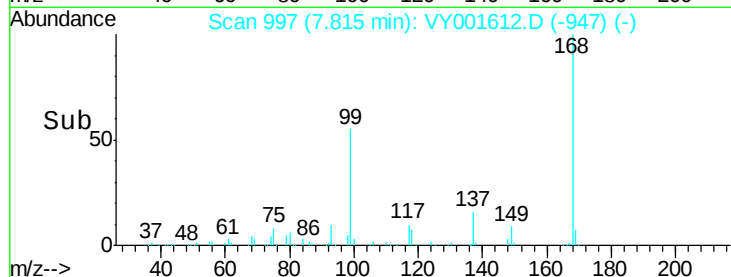
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 15.673 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001612.D

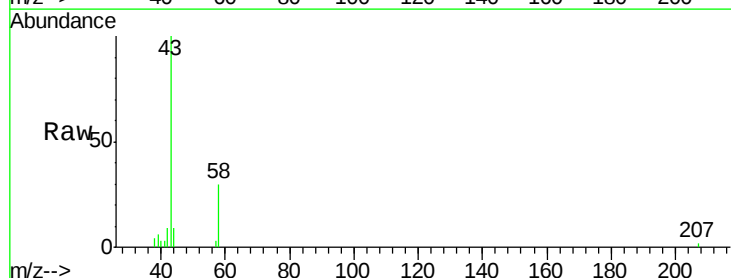
Acq: 12 Feb 2020 14:47

Tgt Ion: 43 Resp: 7583

Ion Ratio Lower Upper

43 100

58 29.6 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001612.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001612.D (-318) (-)

3.98

3000

2500

2000

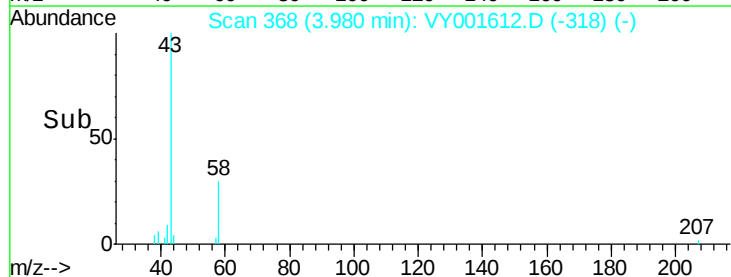
1500

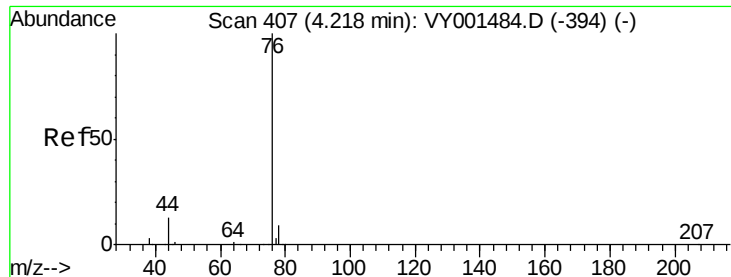
1000

500

0

Time-->

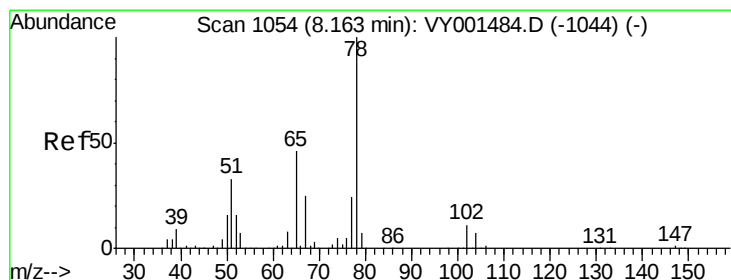
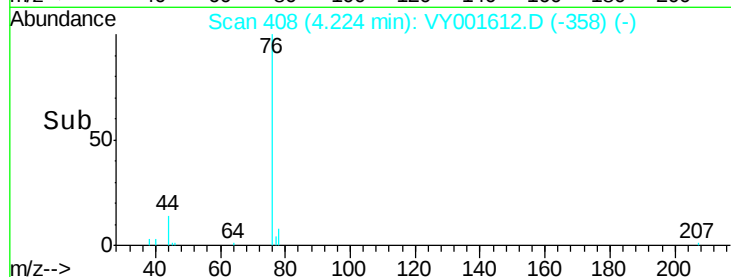
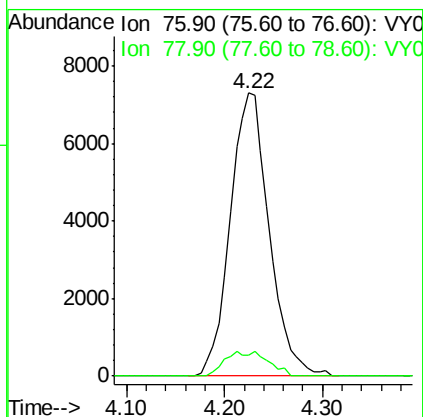
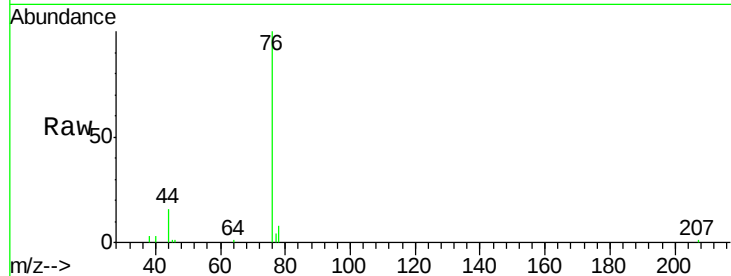




#17
Carbon Disulfide
Concen: 3.618 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY001612.D
Acq: 12 Feb 2020 14:47

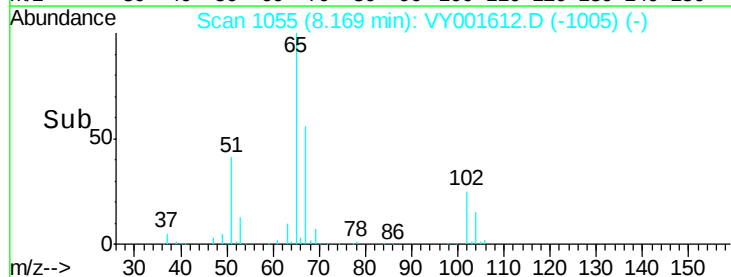
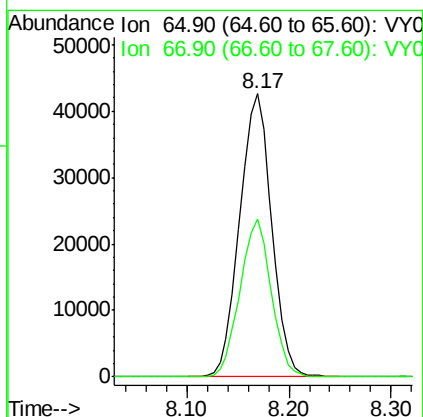
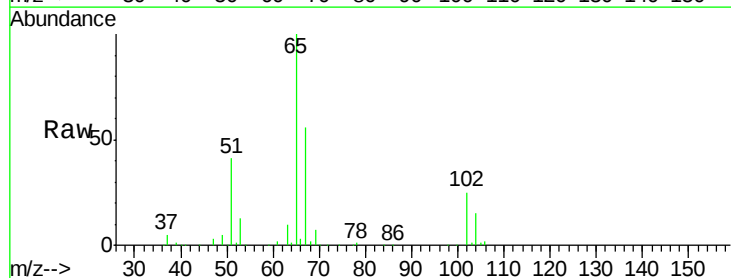
Instrument :
MSVOA_Y
ClientSampleId :
AOC-3-SP-C

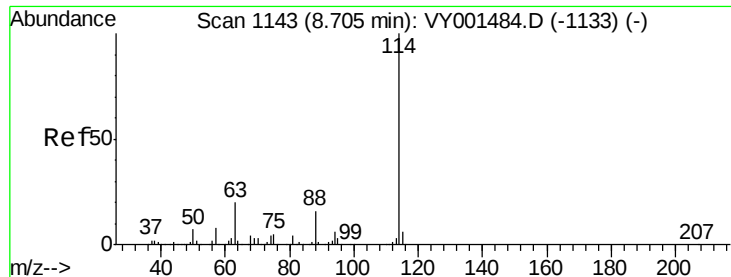
Tot Ion: 76 Resp: 20114
Ion Ratio Lower Upper
76 100
78 7.6 7.0 10.6



#33
1,2-Dichloroethane-d4
Concen: 55.610 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY001612.D
Acq: 12 Feb 2020 14:47

Tgt Ion: 65 Resp: 93015
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.6

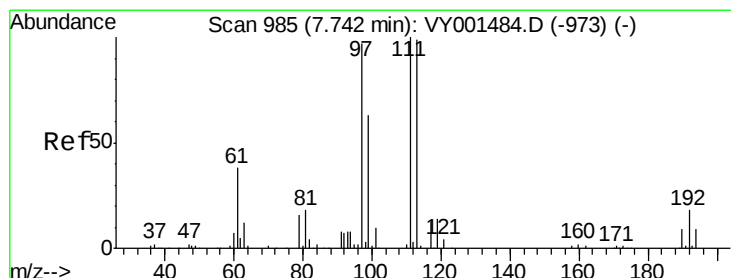
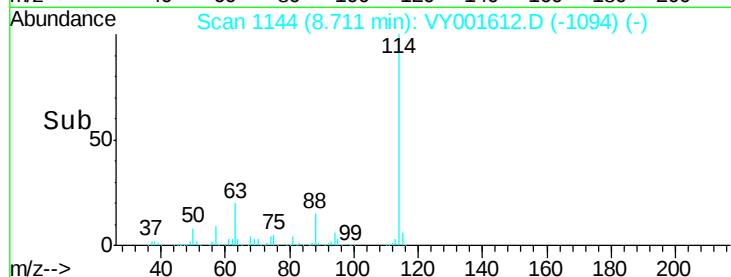
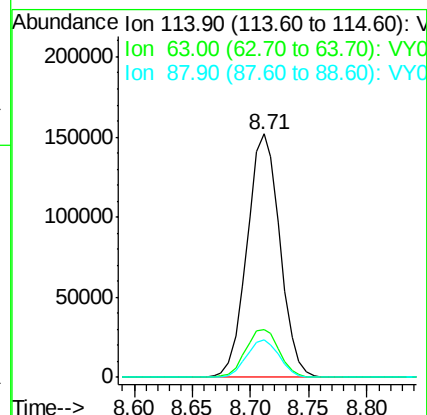
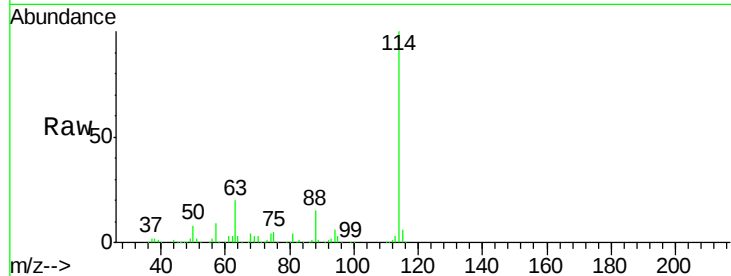




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VY001612.D
Acq: 12 Feb 2020 14:47

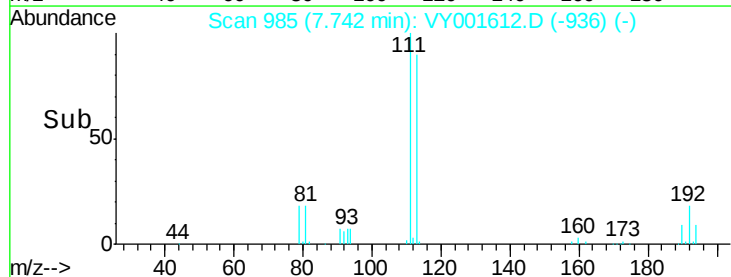
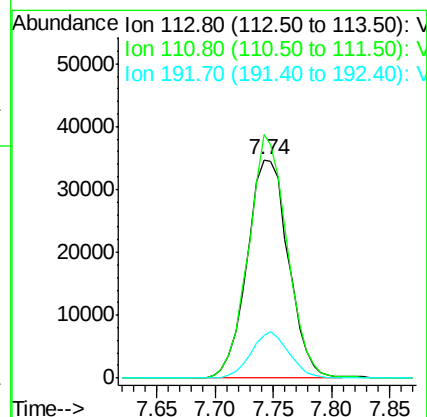
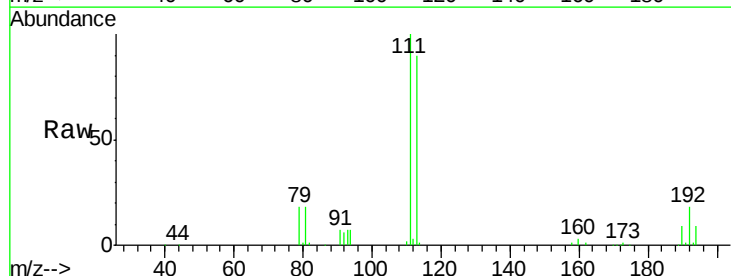
Instrument :
MSVOA_Y
ClientSampleId :
AOC-3-SP-C

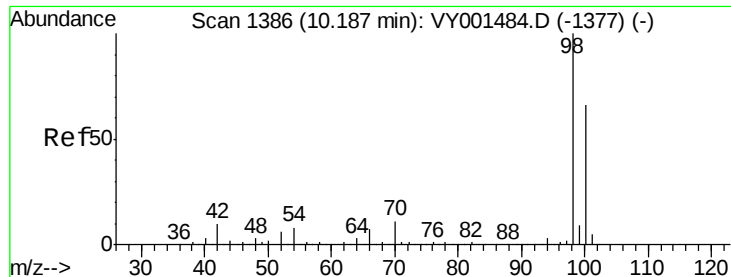
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.8
88	15.3	0.0	32.6



#35
Dibromofluoromethane
Concen: 49.585 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.00 min
Lab File: VY001612.D
Acq: 12 Feb 2020 14:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.9	124.3
192	19.5	14.6	22.0





#50

Toluene-d8

Concen: 54.599 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001612.D

Acq: 12 Feb 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

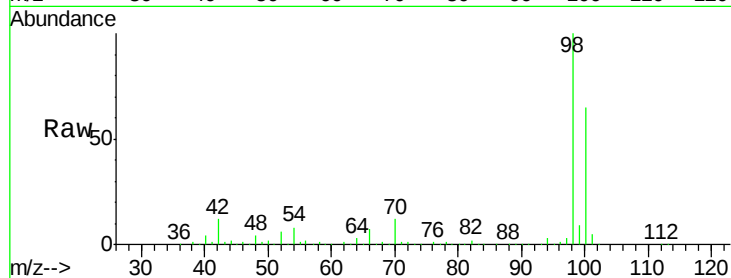
AOC-3-SP-C

Tot Ion: 98 Resp: 356181

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001612.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001612.D (-1377) (-)

10.19

200000

150000

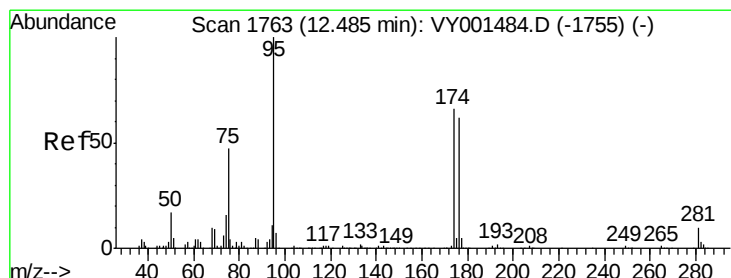
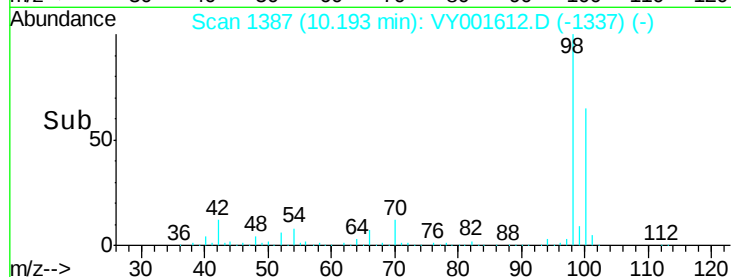
100000

50000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 43.744 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001612.D

Acq: 12 Feb 2020 14:47

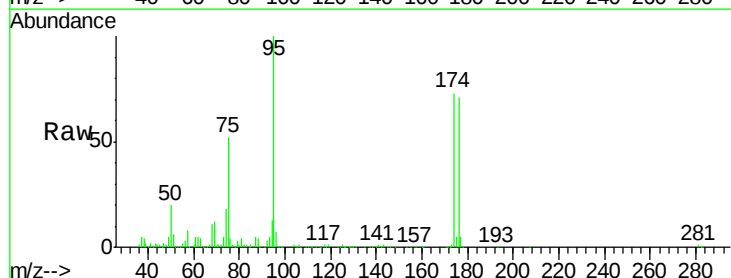
Tgt Ion: 95 Resp: 112418

Ion Ratio Lower Upper

95 100

174 75.9 0.0 141.4

176 73.0 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001612.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY001612.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY001612.D (-1714) (-)

12.49

80000

60000

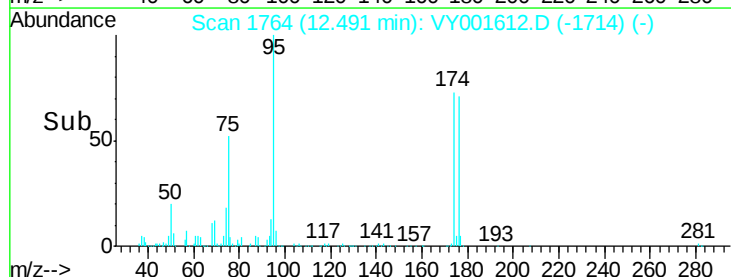
40000

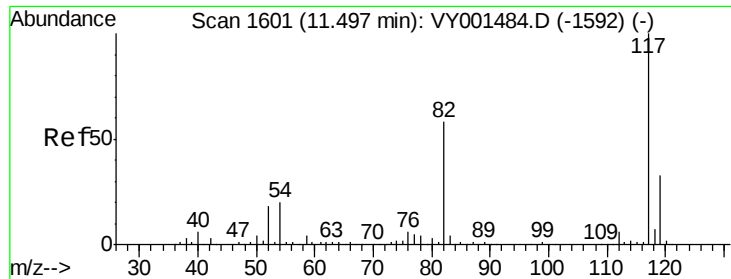
20000

0

Time-->

12.45 12.50 12.55

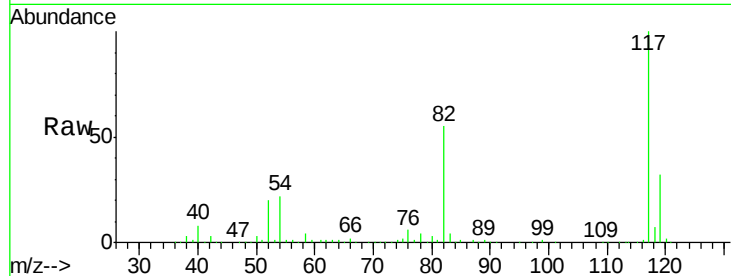




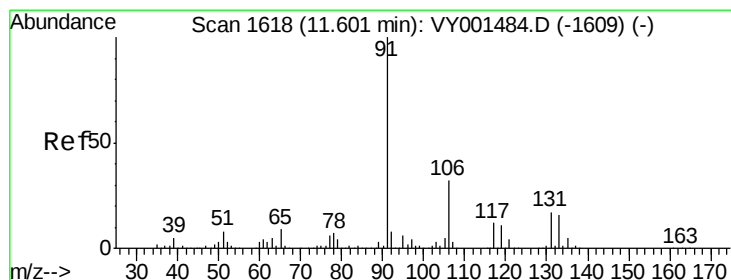
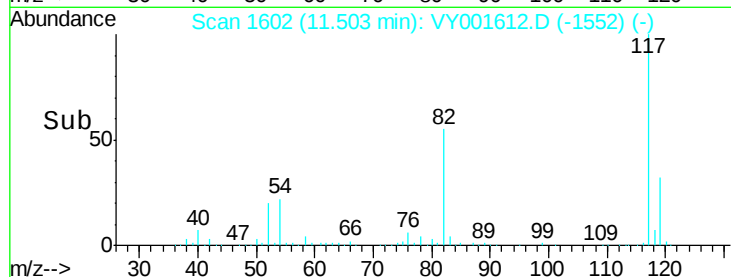
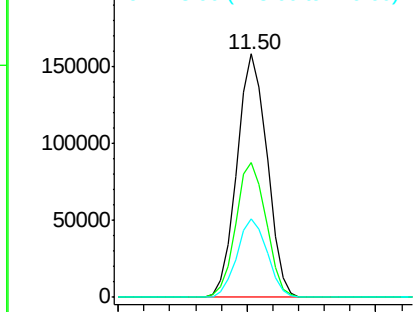
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001612.D
Acq: 12 Feb 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
AOC-3-SP-C

Tot Ion:117 Resp: 256222
Ion Ratio Lower Upper
117 100
82 55.4 46.1 69.1
119 32.4 26.1 39.1

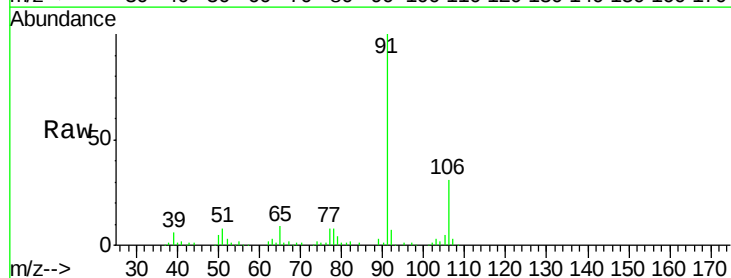


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

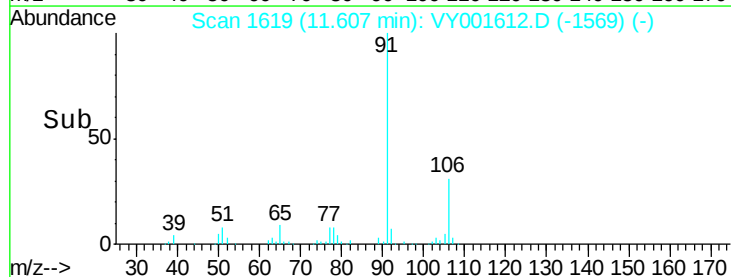
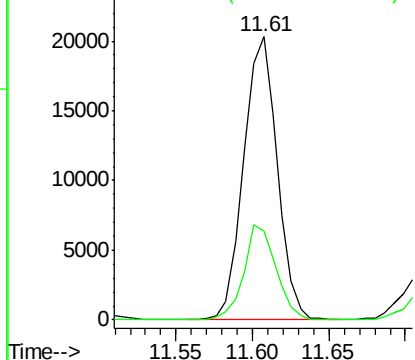


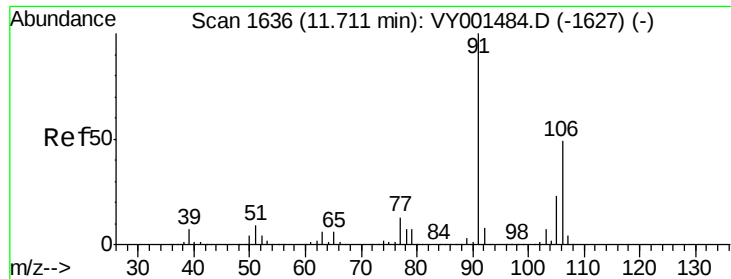
#67
Ethyl Benzene
Concen: 3.337 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001612.D
Acq: 12 Feb 2020 14:47

Tgt Ion: 91 Resp: 31037
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 106.00 (105.70 to 106.70): V

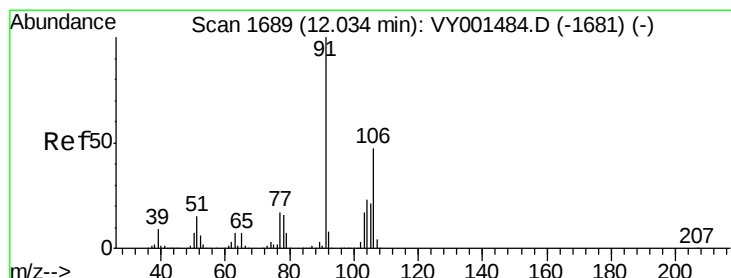
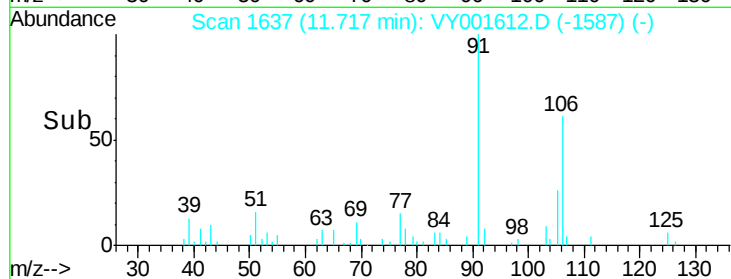
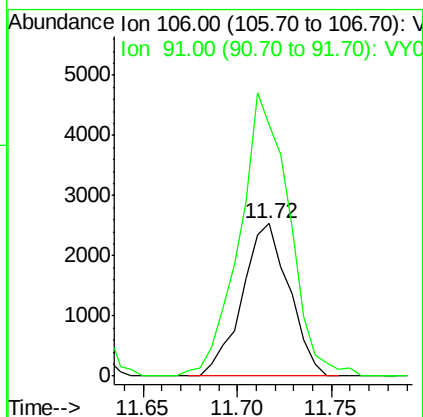
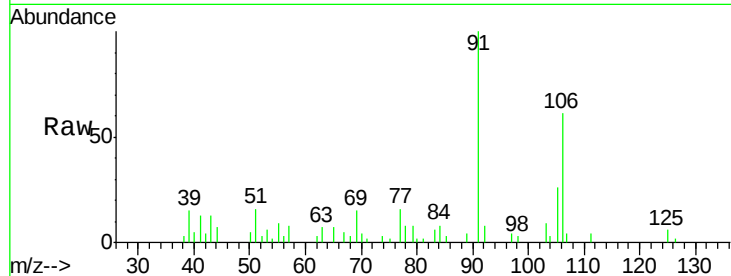




#68
m/p-Xylenes
Concen: 1.252 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001612.D
Acq: 12 Feb 2020 14:47

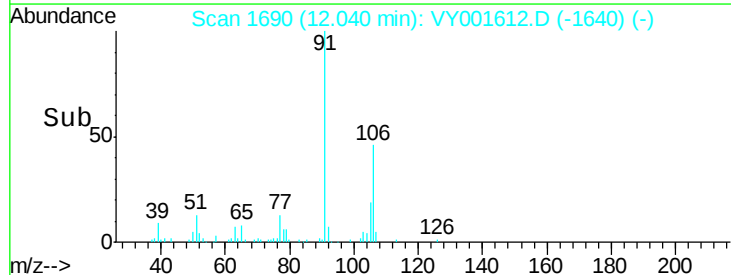
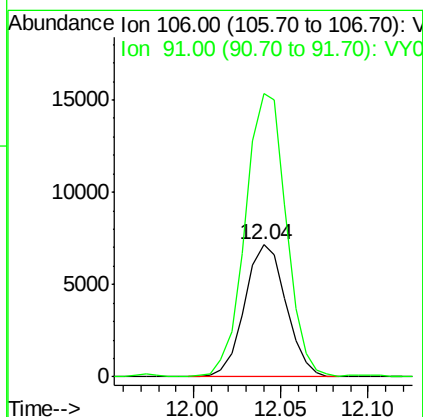
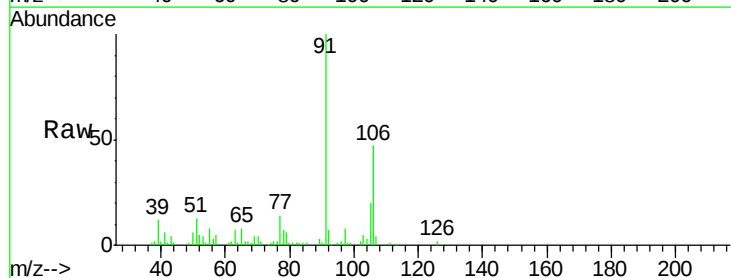
Instrument :
MSVOA_Y
ClientSampled :
AOC-3-SP-C

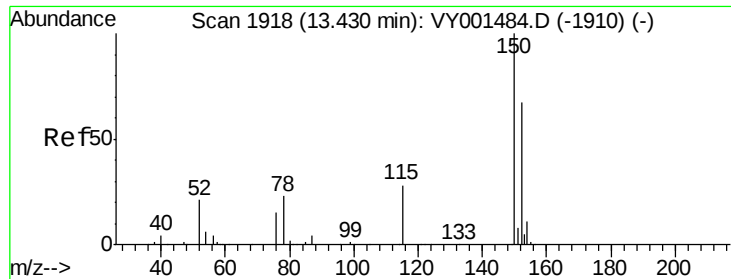
Tot Ion:106 Resp: 4373
Ion Ratio Lower Upper
106 100
91 196.3 163.6 245.4



#69
o-Xylene
Concen: 3.578 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY001612.D
Acq: 12 Feb 2020 14:47

Tgt Ion:106 Resp: 11780
Ion Ratio Lower Upper
106 100
91 212.9 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY001612.D

Acq: 12 Feb 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

AOC-3-SP-C

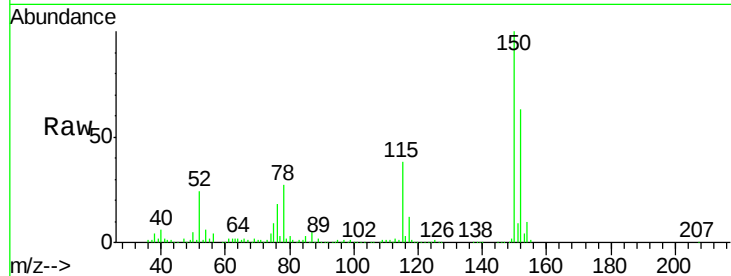
Tot Ion:152 Resp: 100697

Ion Ratio Lower Upper

152 100

115 62.9 31.4 94.3

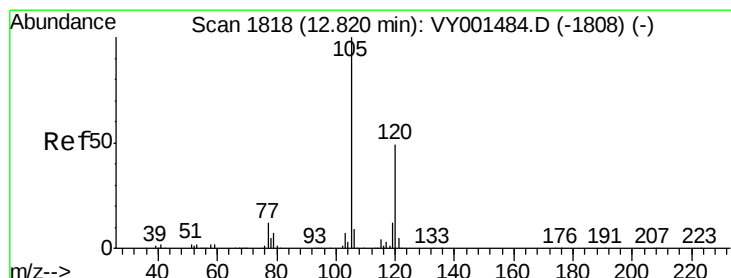
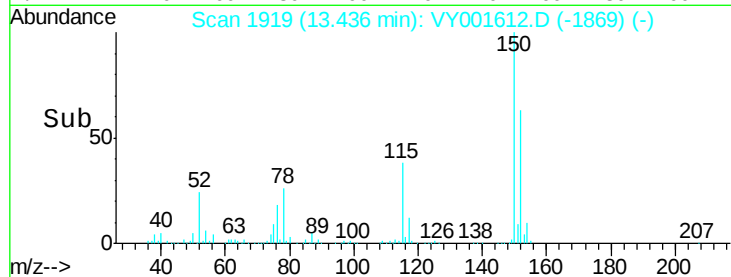
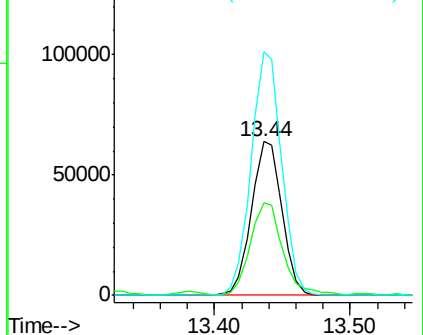
150 158.4 0.0 346.8



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



#80

1,3,5-Trimethylbenzene

Concen: 8.121 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY001612.D

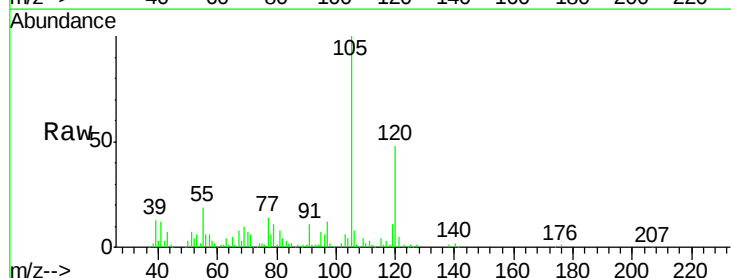
Acq: 12 Feb 2020 14:47

Tgt Ion:105 Resp: 52525

Ion Ratio Lower Upper

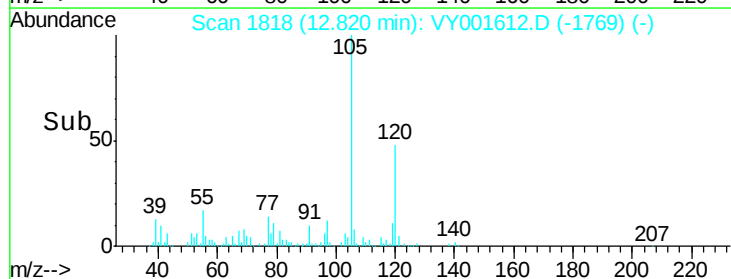
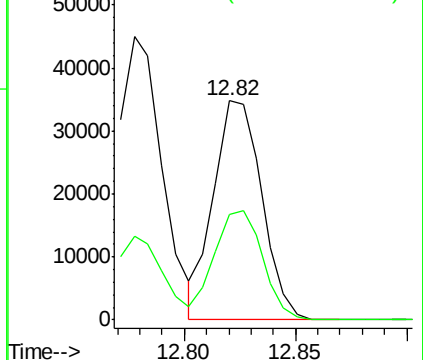
105 100

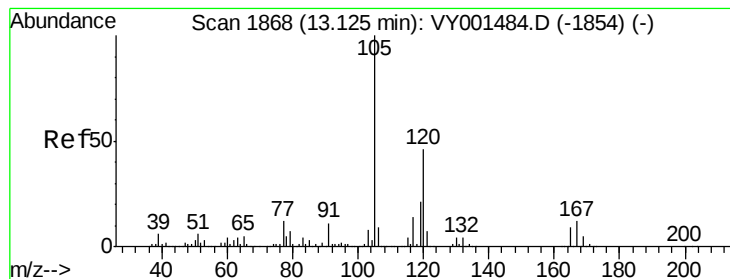
120 50.1 24.1 72.2



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: 2.464 ug/l

RT: 13.13 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VY001612.D

Acq: 12 Feb 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

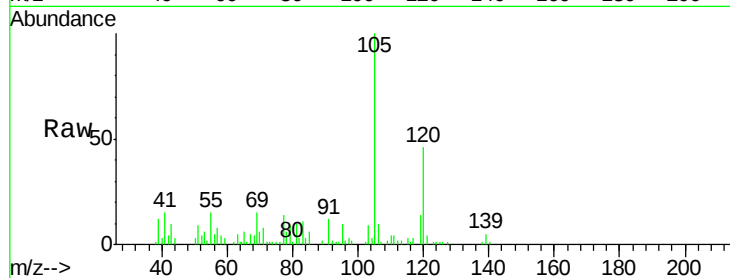
AOC-3-SP-C

Tot Ion:105 Resp: 15771

Ion Ratio Lower Upper

105 100

120 45.6 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

6000

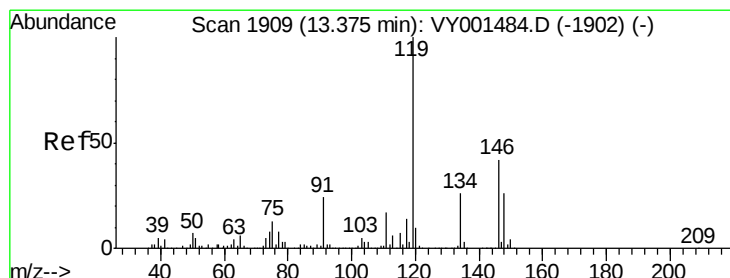
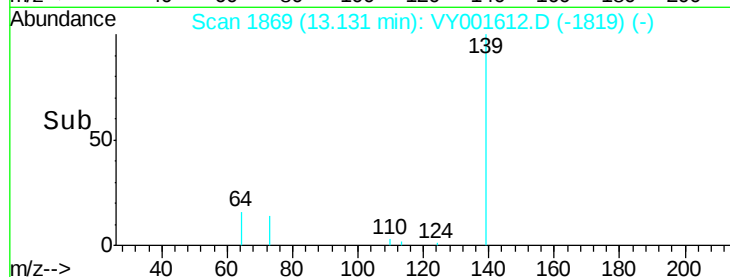
4000

2000

0

13.10 13.15

Time-->



#86

p-Isopropyltoluene

Concen: 4.695 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY001612.D

Acq: 12 Feb 2020 14:47

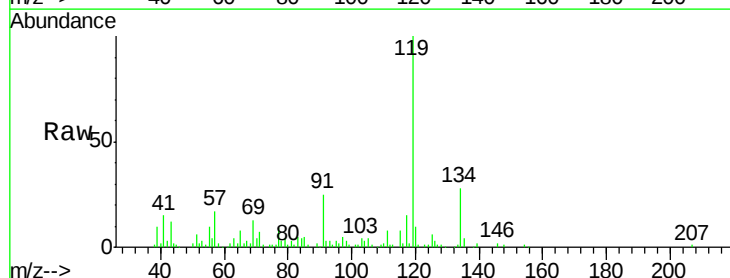
Tgt Ion:119 Resp: 31804

Ion Ratio Lower Upper

119 100

134 27.5 13.3 39.8

91 26.2 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

30000

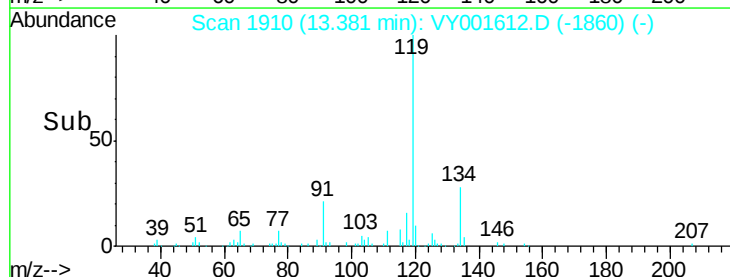
20000

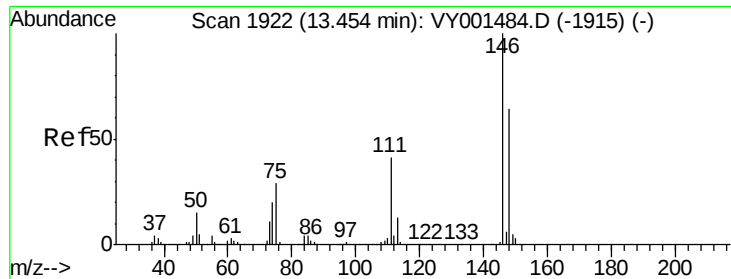
10000

0

13.35 13.40 13.45

Time-->

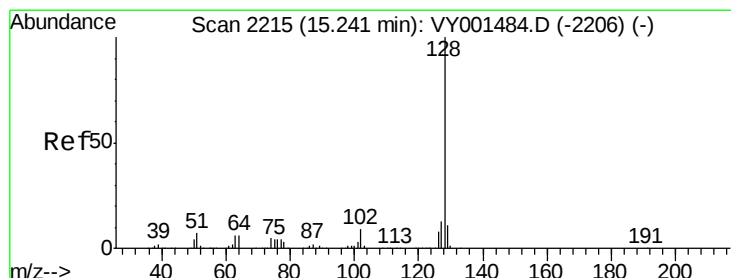
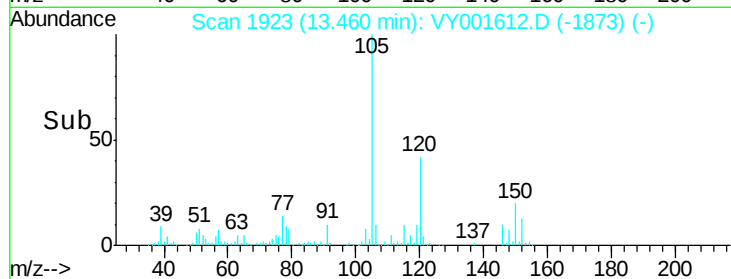
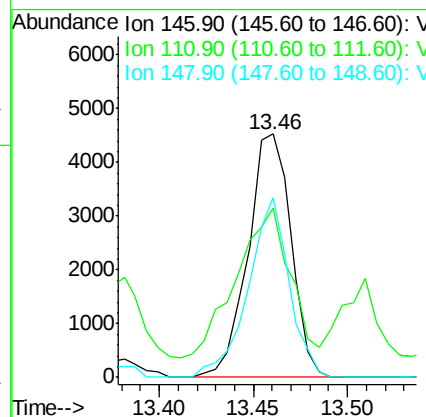
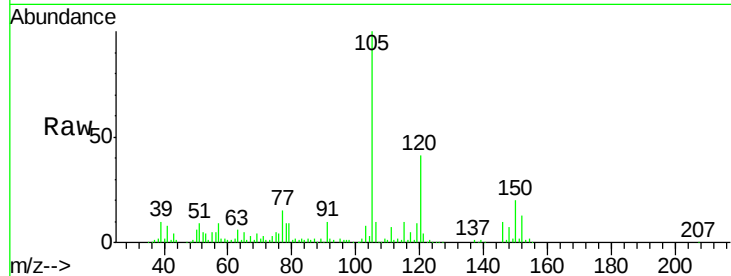




#88
 1,4-Dichlorobenzene
 Concen: 2.243 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001612.D
 Acq: 12 Feb 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 AOC-3-SP-C

Tot Ion:146 Resp: 7159
 Ion Ratio Lower Upper
 146 100
 111 75.8 20.7 62.1#
 148 70.1 32.1 96.5



#95
 Naphthalene
 Concen: 24.267 ug/l
 RT: 15.25 min Scan# 2217
 Delta R.T. 0.01 min
 Lab File: VY001612.D
 Acq: 12 Feb 2020 14:47

Tgt Ion:128 Resp: 110938
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.1 15.1
 129 10.2 8.9 13.3

