

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
 Data File : VY001178.D
 Acq On : 13 Jan 2020 14:10
 Operator : SY/MD
 Sample : L1014-01
 Misc : 7.86G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-011020

Quant Time: Jan 14 11:06:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	146373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	269381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	242038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	105380	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	83676	54.13	ug/l	0.00
Spiked Amount			Recovery	=	108.26%	
35) Dibromofluoromethane	7.73	113	79902	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
50) Toluene-d8	10.18	98	319314	52.54	ug/l	0.00
Spiked Amount			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.48	95	114396	46.04	ug/l	0.00
Spiked Amount			Recovery	=	92.08%	

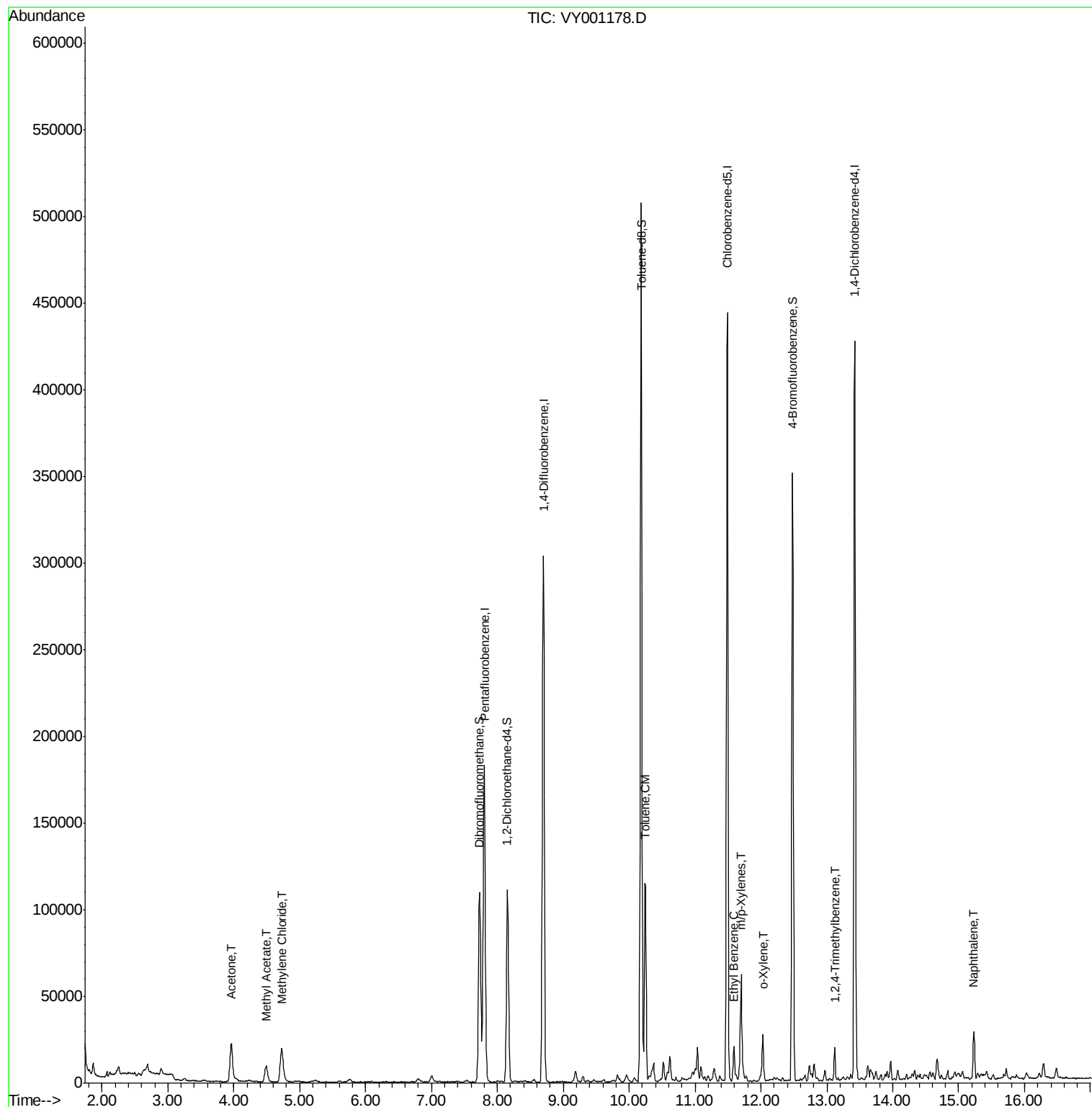
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	38530	107.315	ug/l	98
18) Methyl Acetate	4.49	43	19216	16.188	ug/l	98
20) Methylene Chloride	4.73	84	15408	4.143	ug/l	94
52) Toluene	10.24	92	49922	10.921	ug/l	99
67) Ethyl Benzene	11.59	91	12928	1.461	ug/l	95
68) m/p-Xylenes	11.70	106	19157	5.740	ug/l	96
69) o-Xylene	12.03	106	6753	2.110	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	9923	1.512	ug/l	98
95) Naphthalene	15.23	128	21939	4.649	ug/l	98

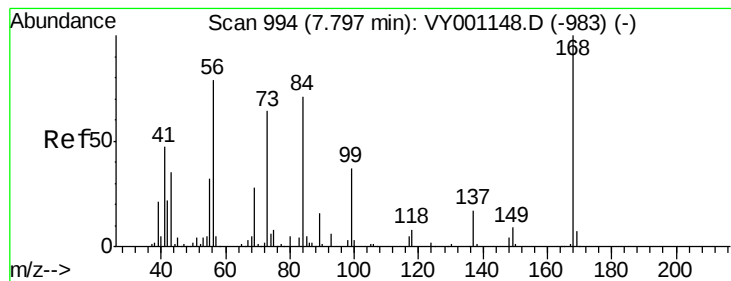
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
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Quant Time: Jan 14 11:06:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001178.D

Acq: 13 Jan 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

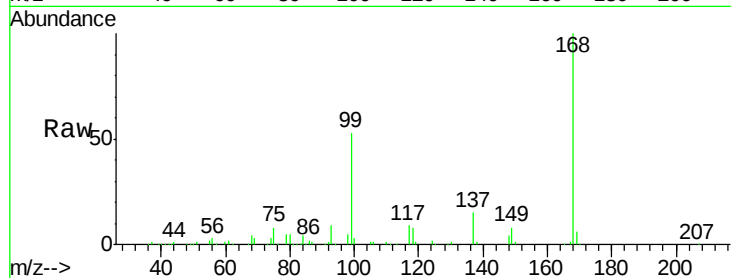
OR-03-011020

Tot Ion:168 Resp: 146373

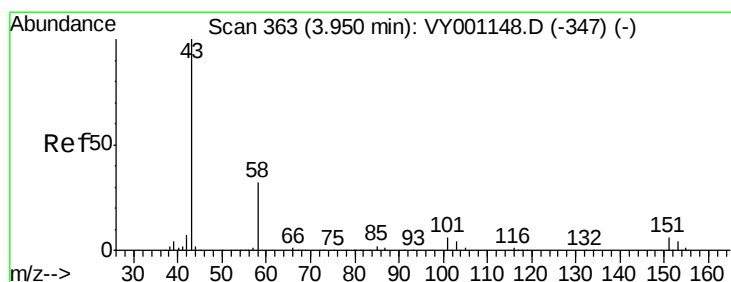
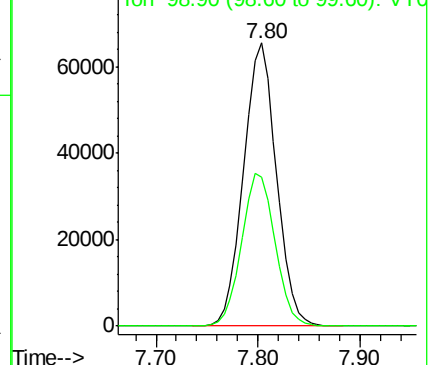
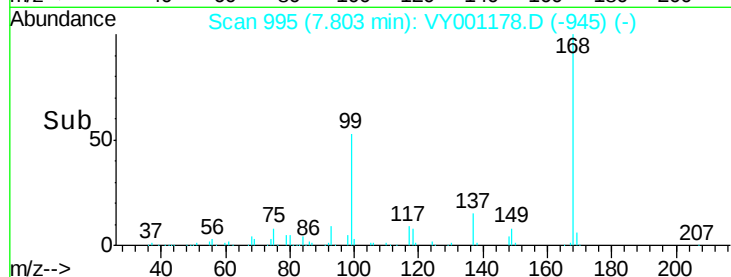
Ion Ratio Lower Upper

168 100

99 52.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001178.D (-945) (-)



#16

Acetone

Concen: 107.315 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001178.D

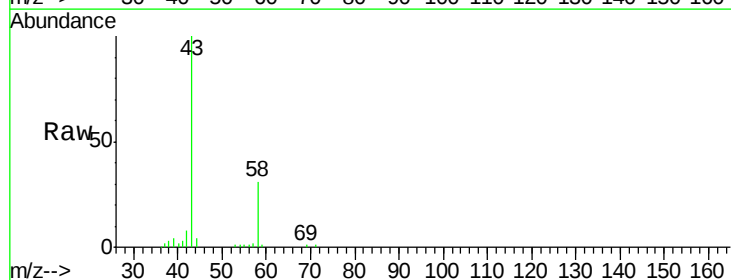
Acq: 13 Jan 2020 14:10

Tgt Ion: 43 Resp: 38530

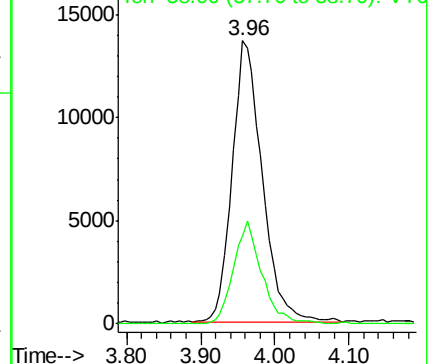
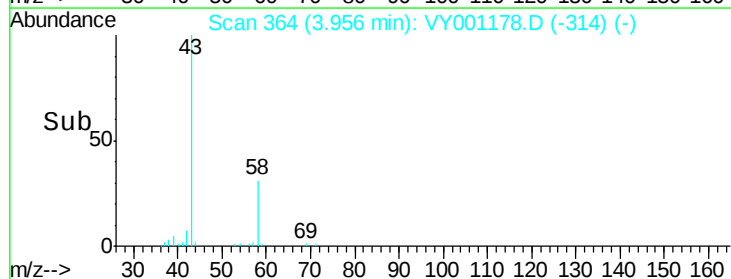
Ion Ratio Lower Upper

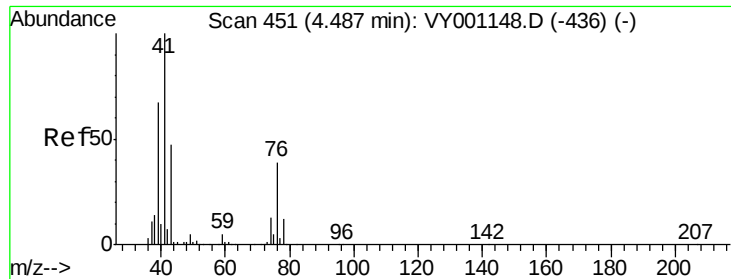
43 100

58 31.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001178.D (-314) (-)

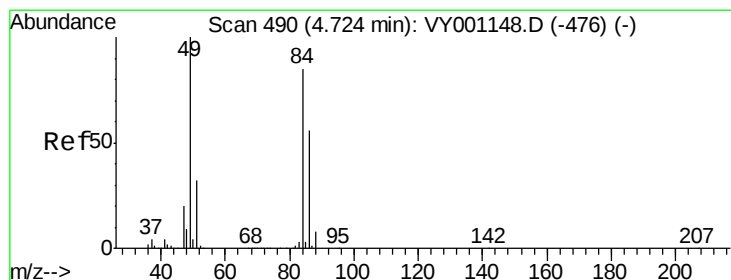
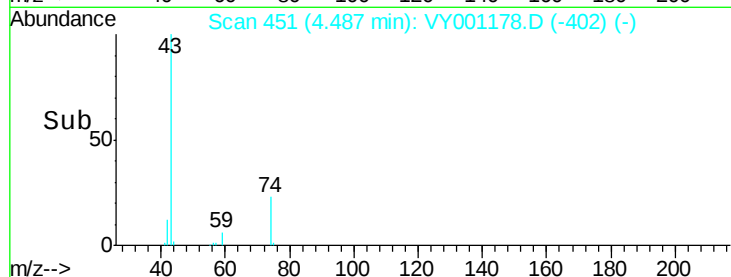
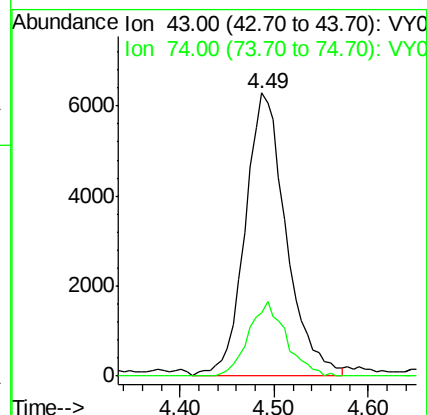
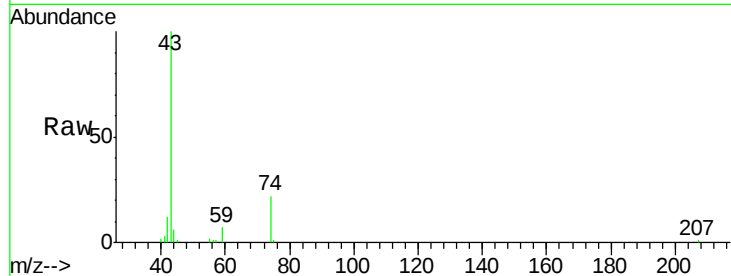




#18
Methyl Acetate
Concen: 16.188 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY001178.D
Acq: 13 Jan 2020 14:10

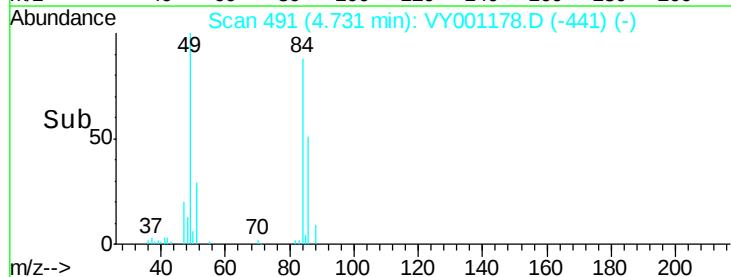
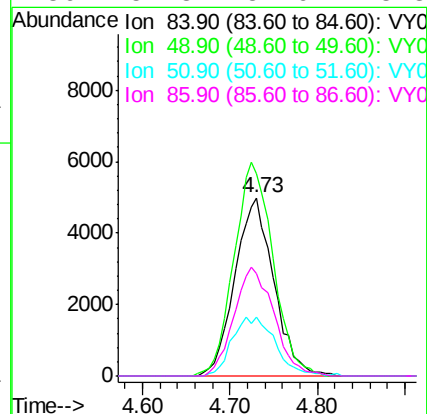
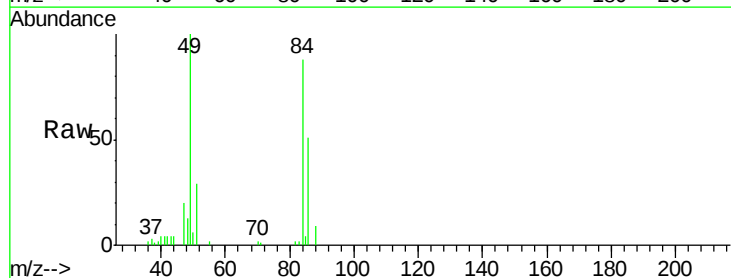
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011020

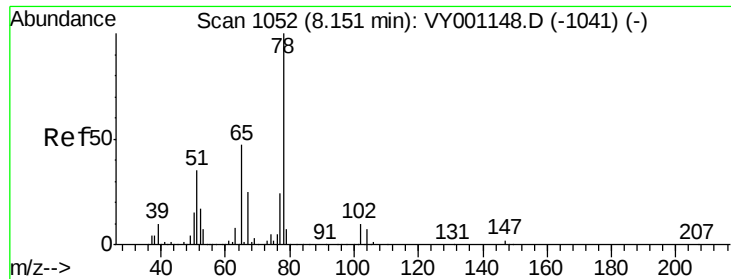
Tot Ion: 43 Resp: 19216
Ion Ratio Lower Upper
43 100
74 24.1 20.2 30.2



#20
Methylene Chloride
Concen: 4.143 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001178.D
Acq: 13 Jan 2020 14:10

Tgt Ion: 84 Resp: 15408
Ion Ratio Lower Upper
84 100
49 114.0 93.8 140.6
51 32.8 29.9 44.9
86 57.8 52.6 78.8

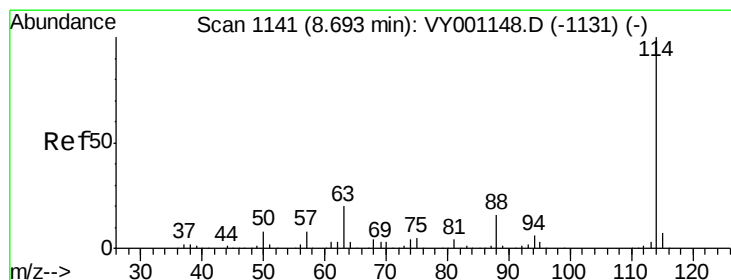
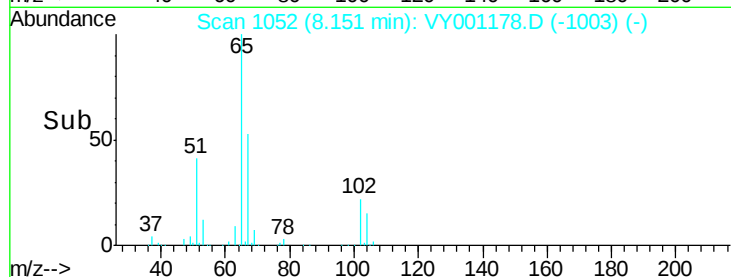
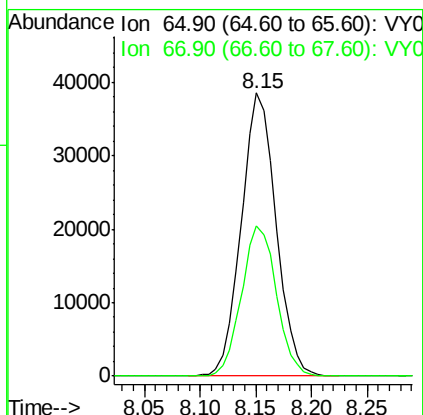
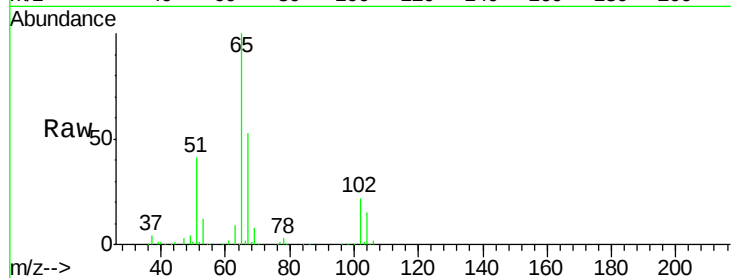




#33
 1,2-Dichloroethane-d4
 Concen: 54.126 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001178.D
 Acq: 13 Jan 2020 14:10

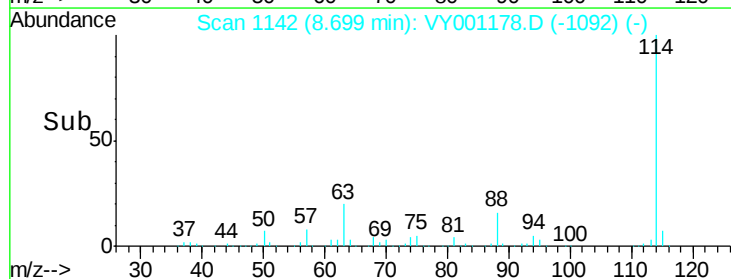
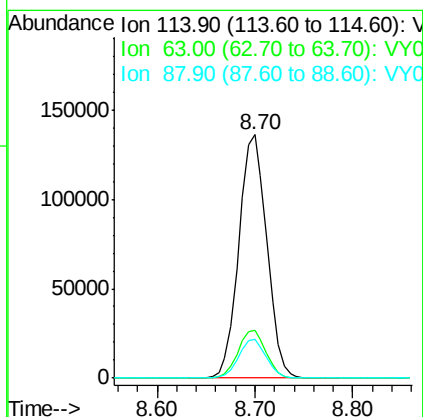
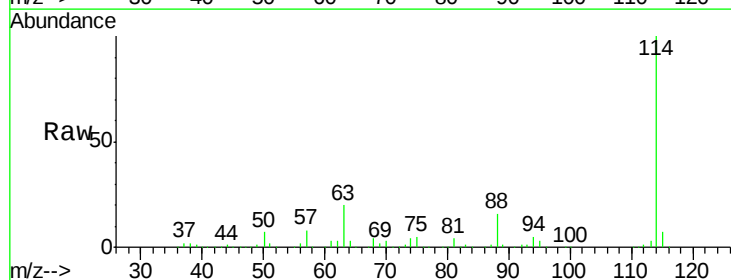
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-011020

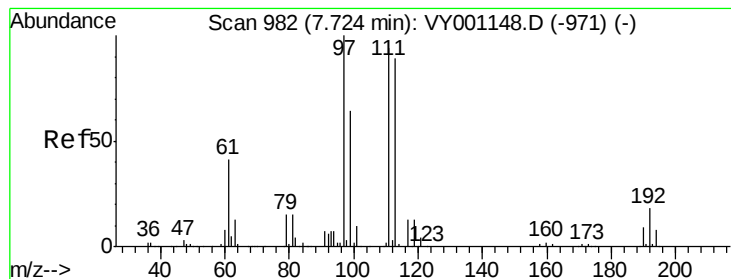
Tot Ion: 65 Resp: 83676
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001178.D
 Acq: 13 Jan 2020 14:10

Tgt Ion: 114 Resp: 269381
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.660 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001178.D

Acq: 13 Jan 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-011020

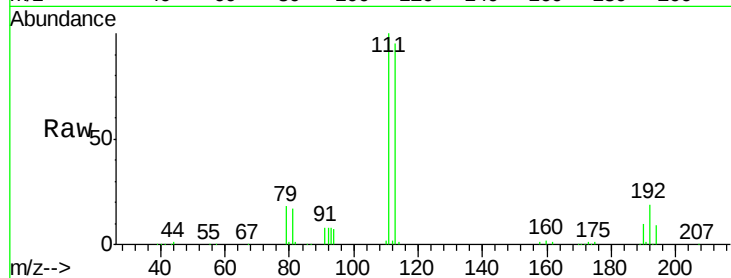
Tot Ion:113 Resp: 79902

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

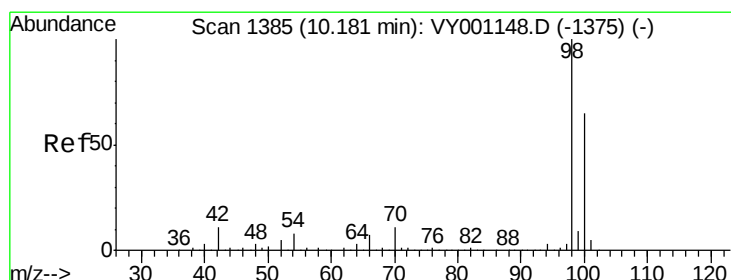
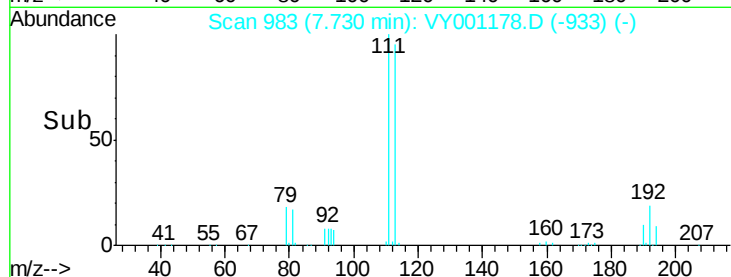
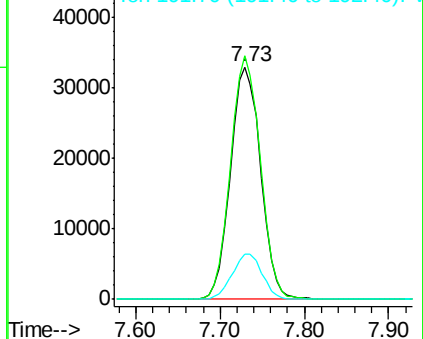
192 19.6 15.4 23.2



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: 52.542 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001178.D

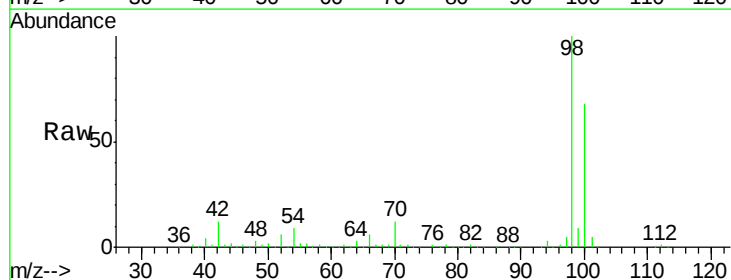
Acq: 13 Jan 2020 14:10

Tgt Ion: 98 Resp: 319314

Ion Ratio Lower Upper

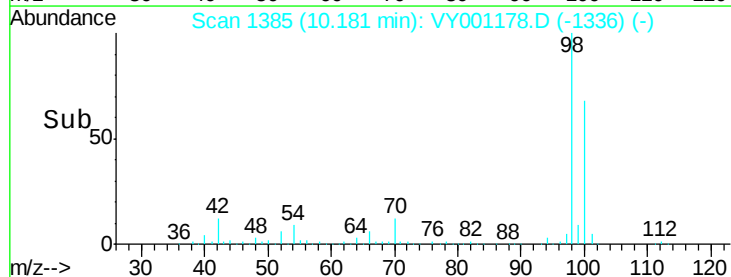
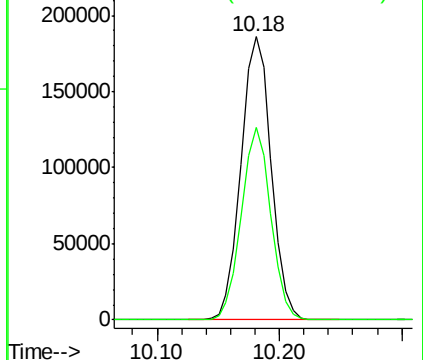
98 100

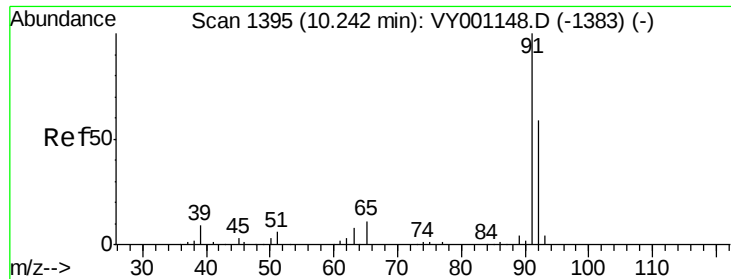
100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 10.921 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.00 min

Lab File: VY001178.D

Acq: 13 Jan 2020 14:10

Instrument :

MSVOA_Y

ClientSampleId :

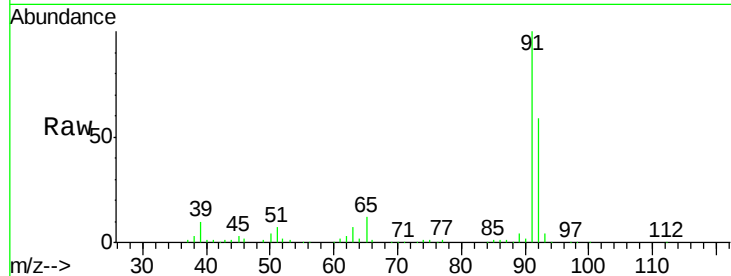
OR-03-011020

Tot Ion: 92 Resp: 49922

Ion Ratio Lower Upper

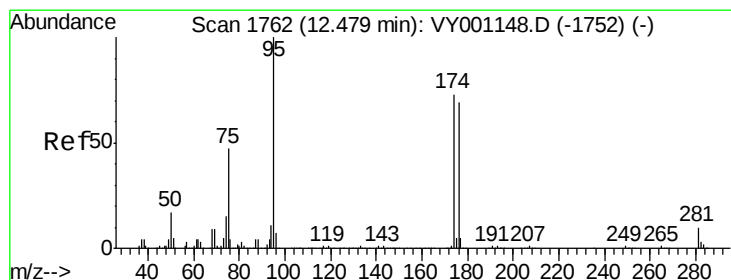
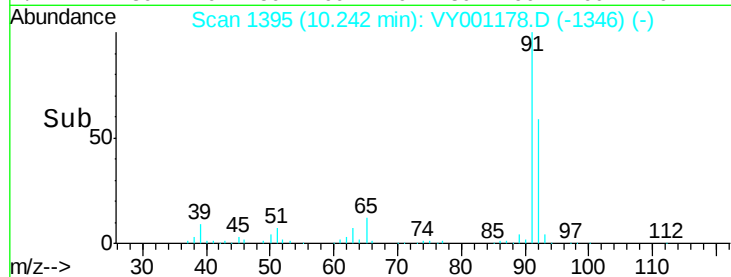
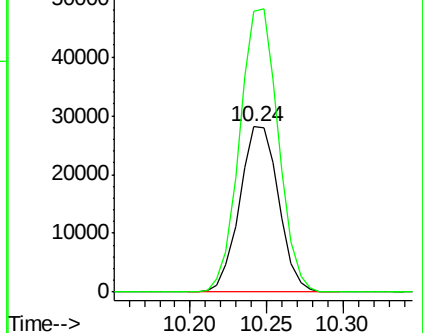
92 100

91 169.0 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0



#62

4-Bromofluorobenzene

Concen: 46.042 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001178.D

Acq: 13 Jan 2020 14:10

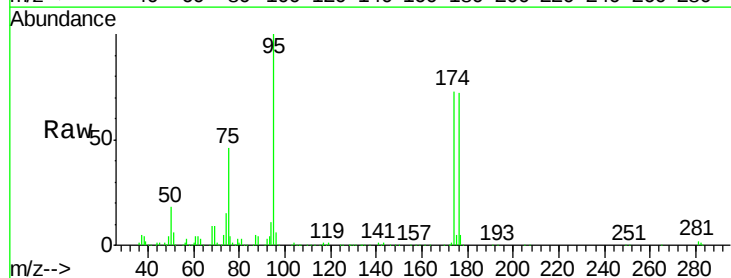
Tgt Ion: 95 Resp: 114396

Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.2

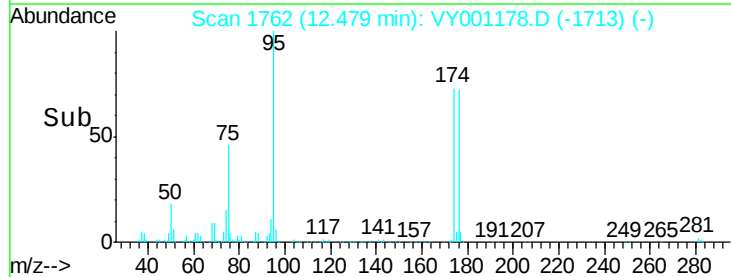
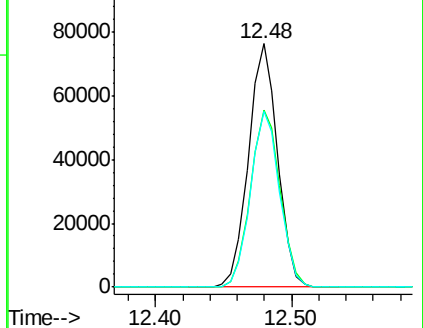
176 72.7 0.0 136.0

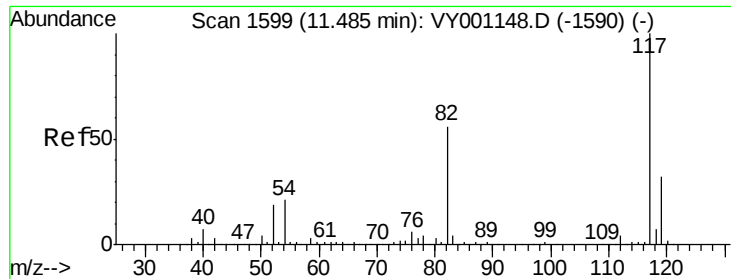


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

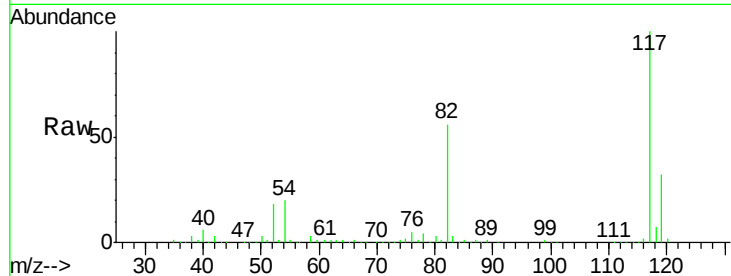




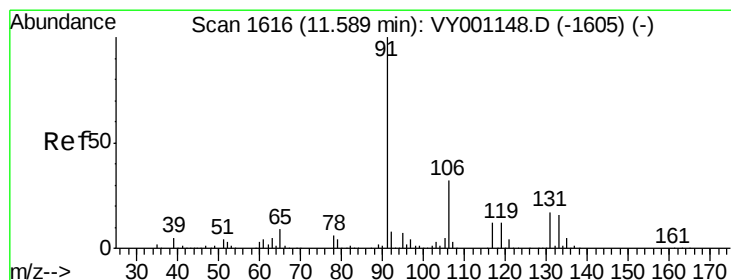
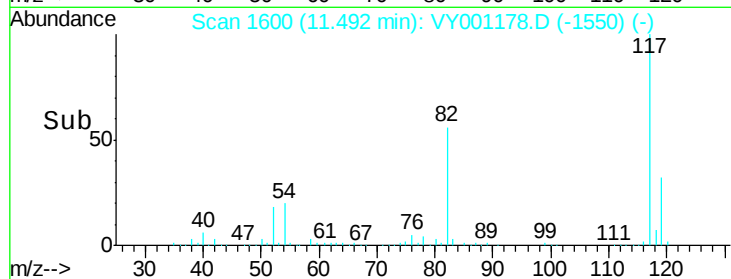
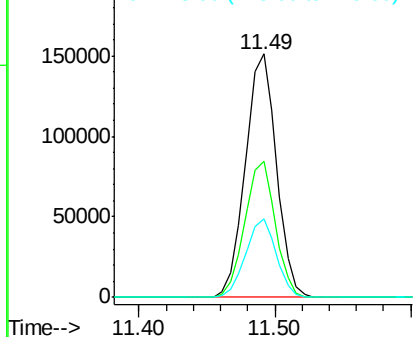
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001178.D
Acq: 13 Jan 2020 14:10

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011020

Tot Ion:117 Resp: 242038
Ion Ratio Lower Upper
117 100
82 55.7 44.9 67.3
119 32.0 25.7 38.5

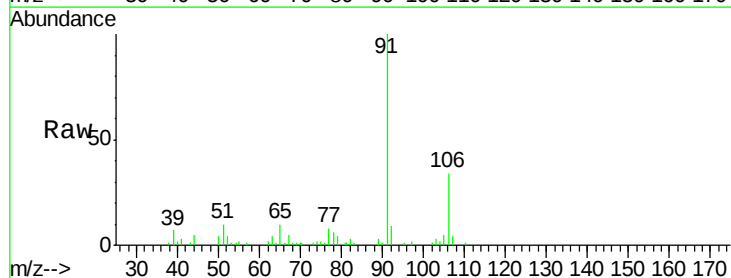


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

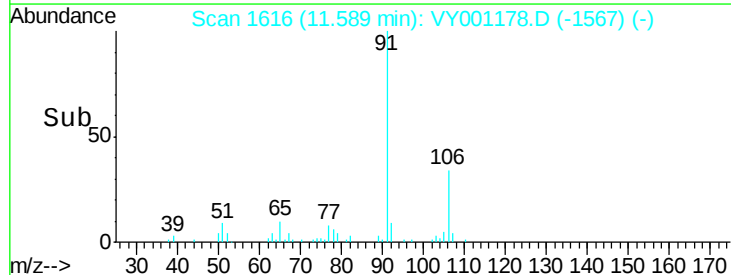
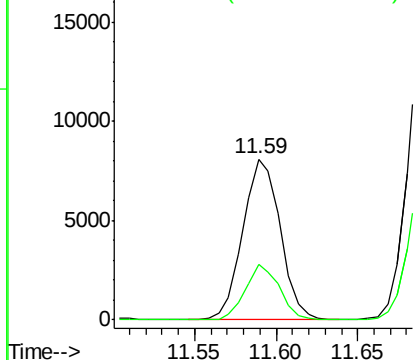


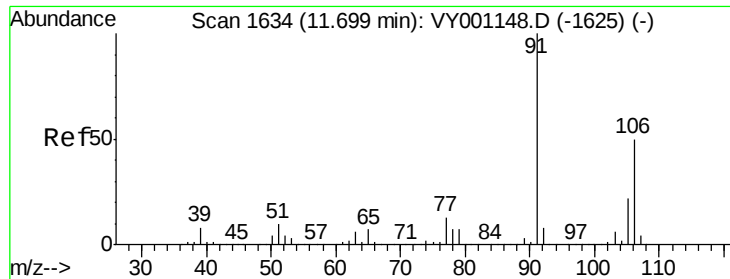
#67
Ethyl Benzene
Concen: 1.461 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY001178.D
Acq: 13 Jan 2020 14:10

Tgt Ion: 91 Resp: 12928
Ion Ratio Lower Upper
91 100
106 34.4 25.3 37.9



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

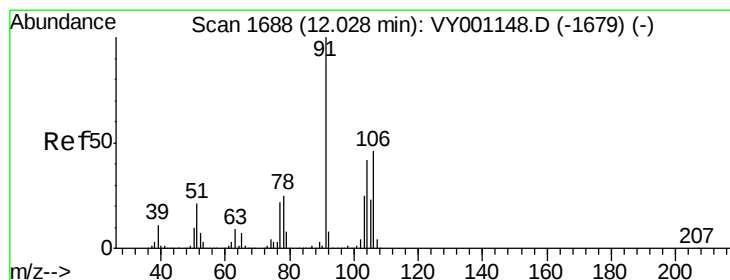
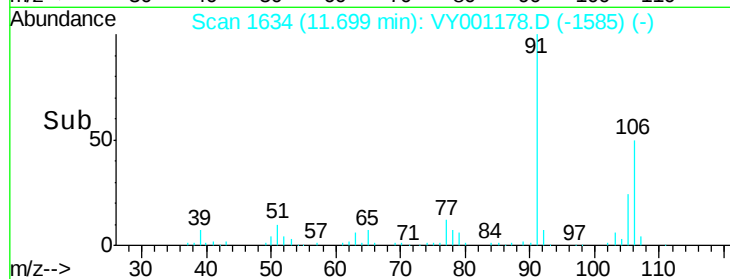
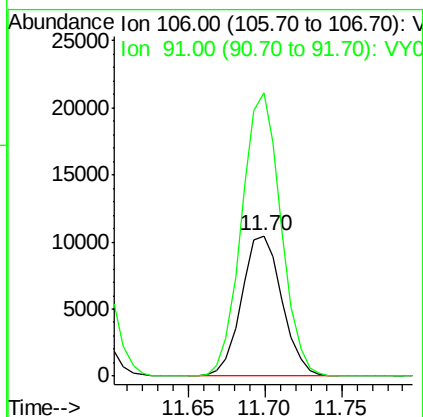
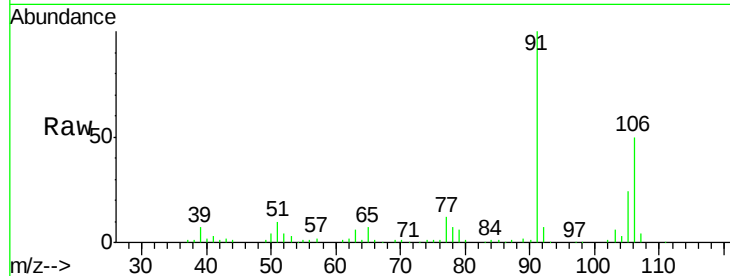




#68
m/p-Xylenes
Concen: 5.740 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY001178.D
Acq: 13 Jan 2020 14:10

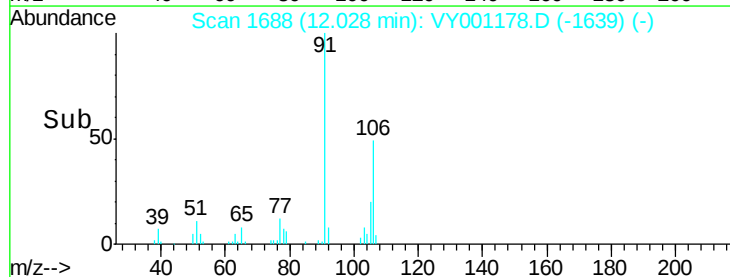
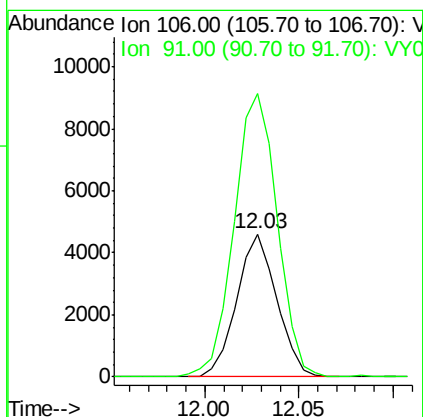
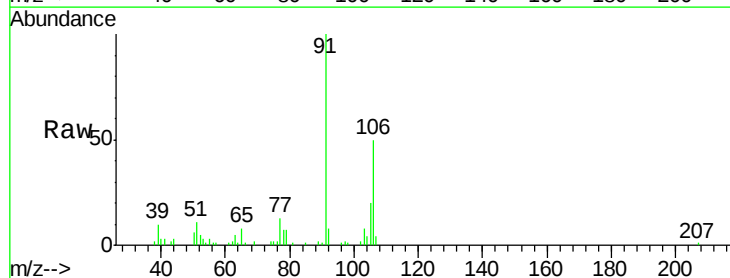
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MSVOA_Y
ClientSampleId :
OR-03-011020

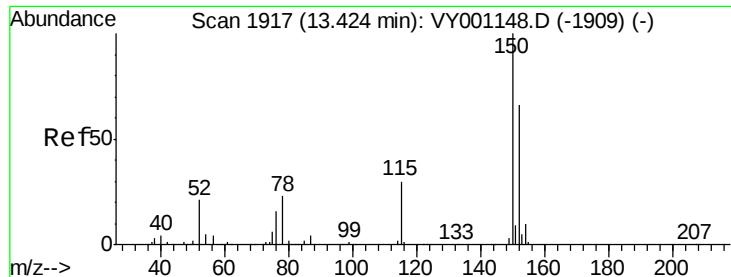
Tot Ion:106 Resp: 19157
Ion Ratio Lower Upper
106 100
91 196.0 161.4 242.2



#69
o-Xylene
Concen: 2.110 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY001178.D
Acq: 13 Jan 2020 14:10

Tgt Ion:106 Resp: 6753
Ion Ratio Lower Upper
106 100
91 213.3 106.3 318.8



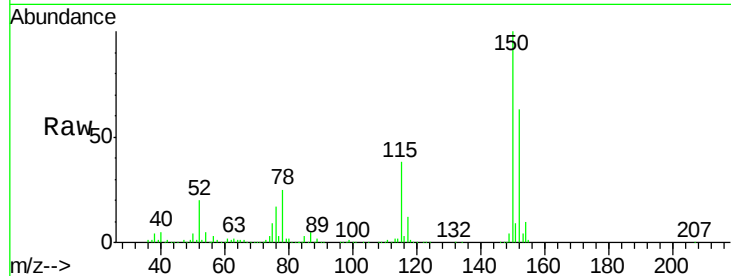


#72

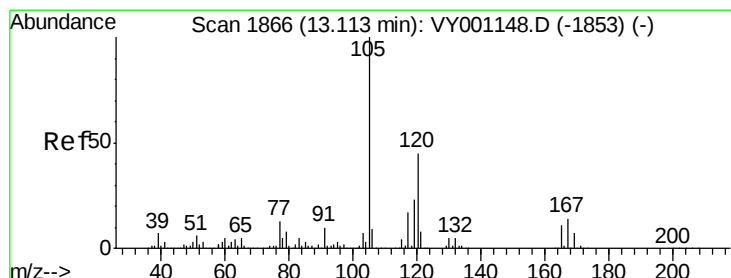
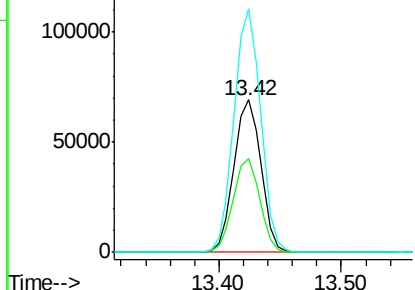
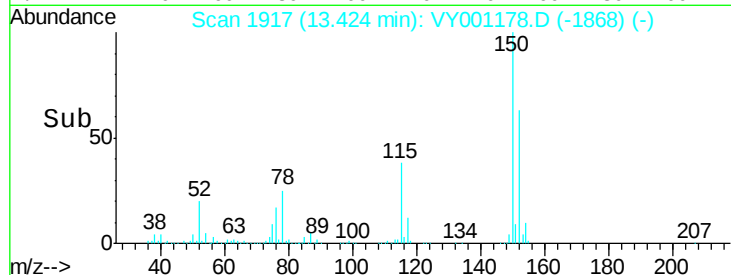
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001178.D
Acq: 13 Jan 2020 14:10

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011020

Tot Ion:152 Resp: 105380
Ion Ratio Lower Upper
152 100
115 61.0 30.9 92.5
150 157.8 0.0 346.8



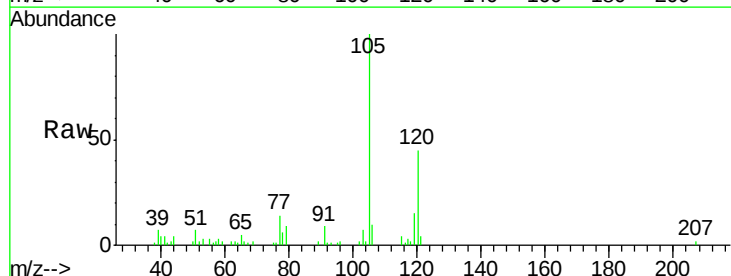
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



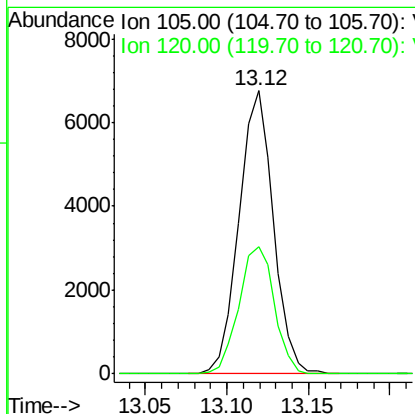
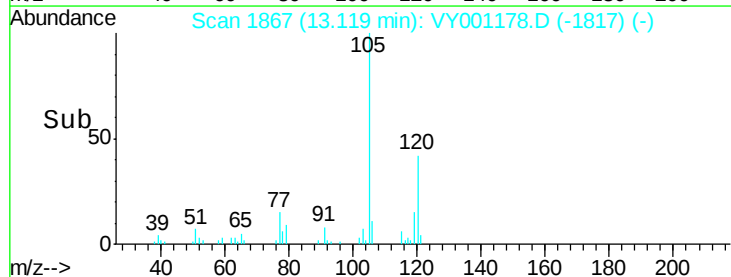
#84

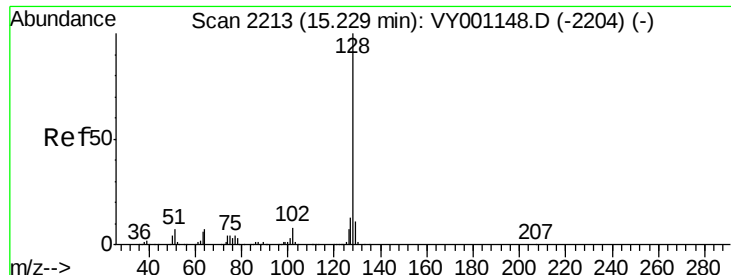
1,2,4-Trimethylbenzene
Concen: 1.512 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001178.D
Acq: 13 Jan 2020 14:10

Tgt Ion:105 Resp: 9923
Ion Ratio Lower Upper
105 100
120 46.7 22.8 68.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

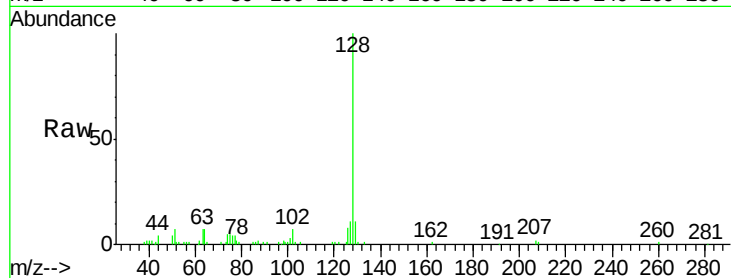




#95
Naphthalene
Concen: 4.649 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY001178.D
Acq: 13 Jan 2020 14:10

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-011020

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.4
129	10.7	8.5	12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

