

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001283.D
 Acq On : 17 Jan 2020 21:59
 Operator : SY/MD
 Sample : L1010-06
 Misc : 6.39G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-011620

Quant Time: Jan 18 04:58:46 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

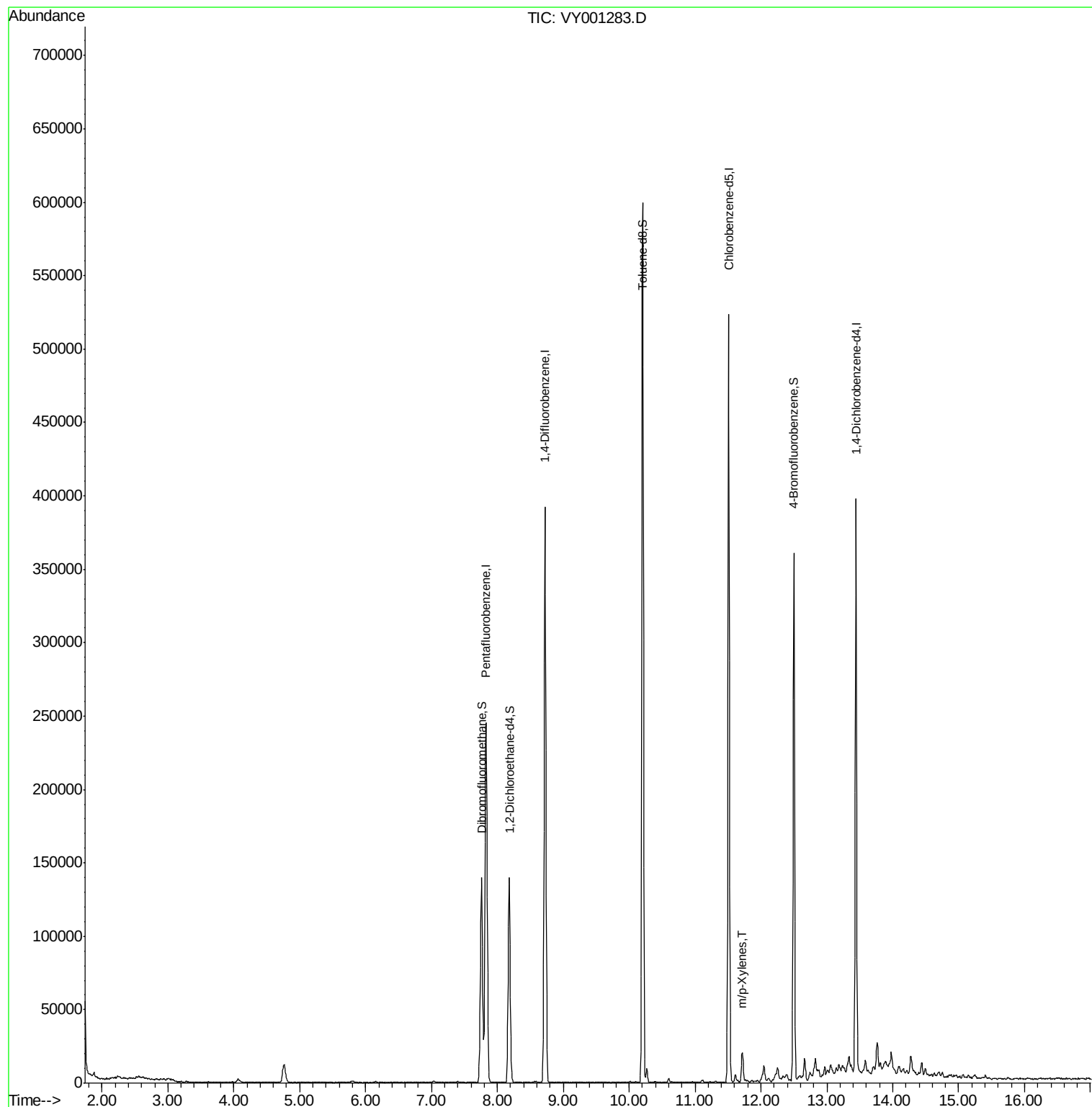
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	192081	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.72	114	342073	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.51	117	281916	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	95415	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	105089	51.80	ug/l	0.03
Spiked Amount 50.000			Recovery	=	103.60%	
35) Dibromofluoromethane	7.76	113	99817	49.84	ug/l	0.04
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.21	98	393202	50.95	ug/l	0.02
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.50	95	118729	37.63	ug/l	0.02
Spiked Amount 50.000			Recovery	=	75.26%	
Target Compounds						
68) m/p-Xylenes	11.72	106	6431	1.654	ug/l	Qvalue 88

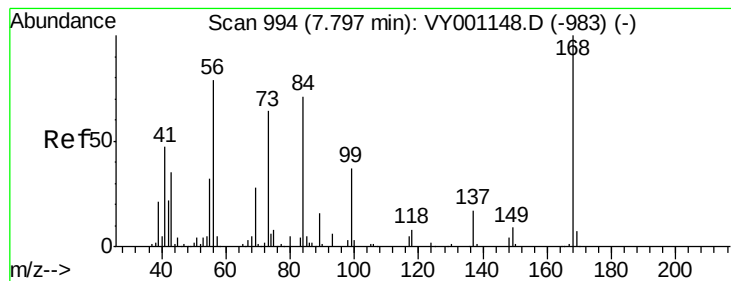
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.03 min

Lab File: VY001283.D

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ClientSampleId :

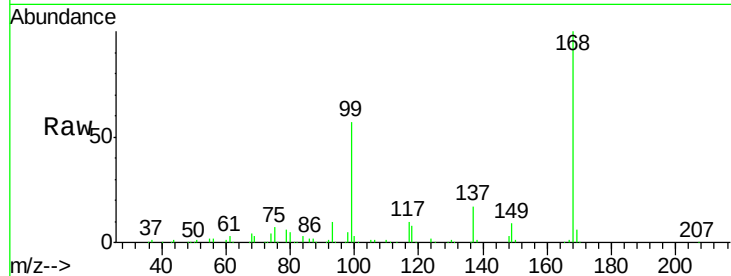
OK-02-011620

Tot Ion:168 Resp: 192081

Ion Ratio Lower Upper

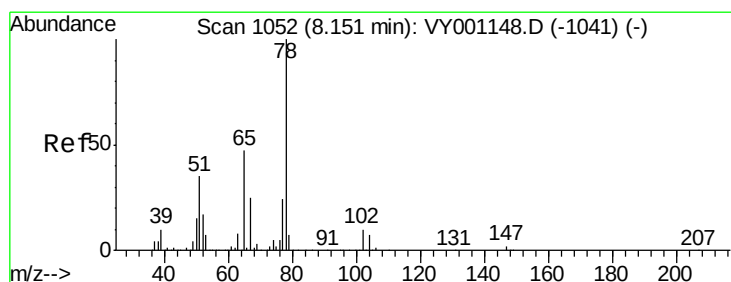
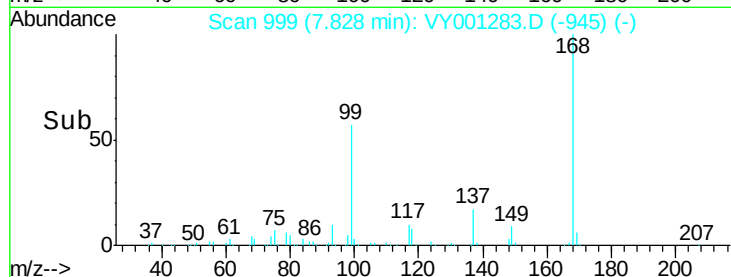
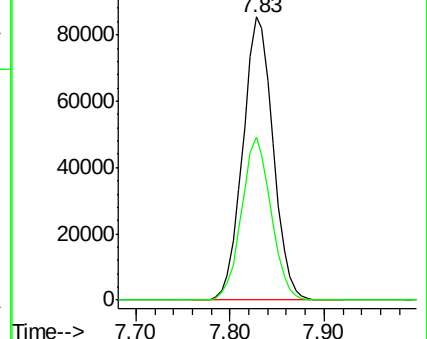
168 100

99 57.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.801 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.03 min

Lab File: VY001283.D

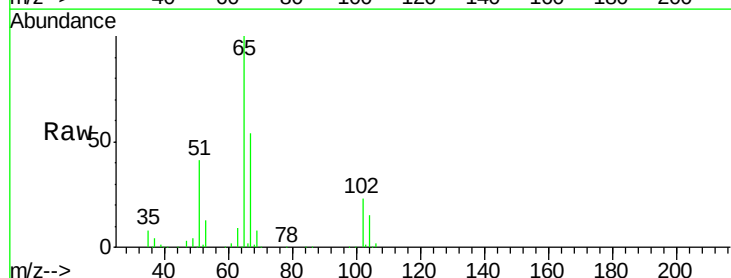
Acq: 17 Jan 2020 21:59

Tgt Ion: 65 Resp: 105089

Ion Ratio Lower Upper

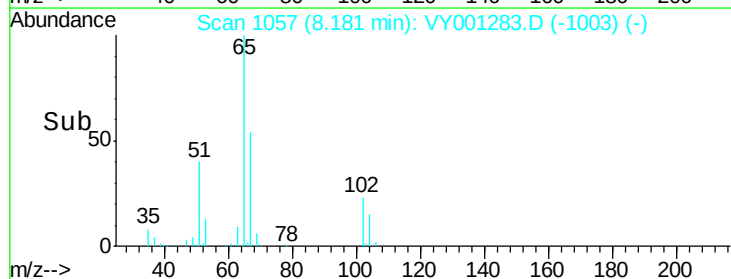
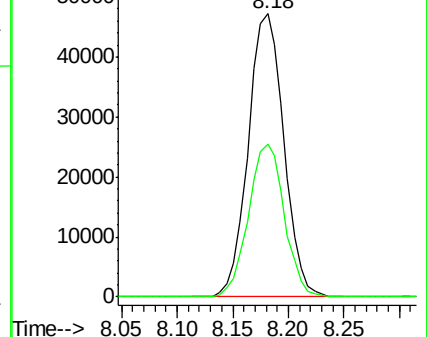
65 100

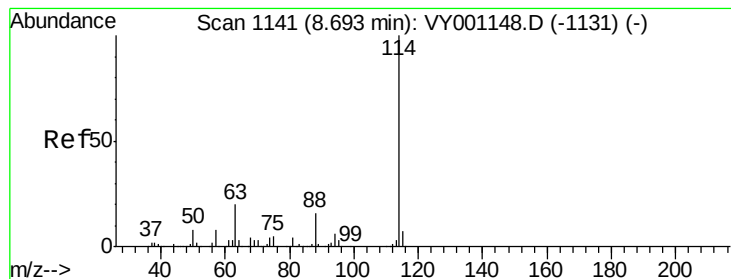
67 54.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001148.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY001148.D (-1041) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.03 min

Lab File: VY001283.D

Acq: 17 Jan 2020 21:59

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-011620

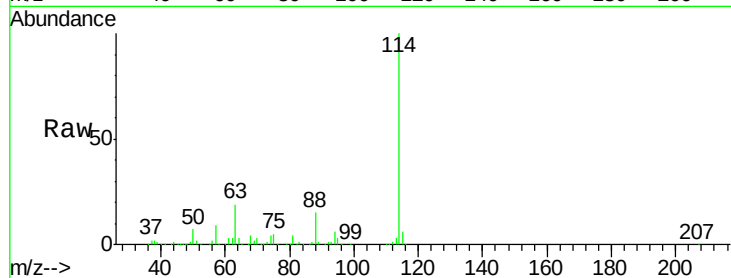
Tot Ion:114 Resp: 342073

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.8

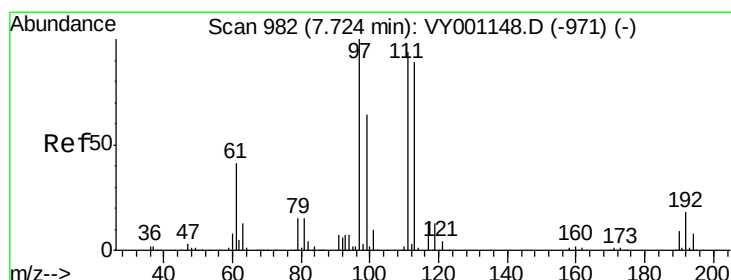
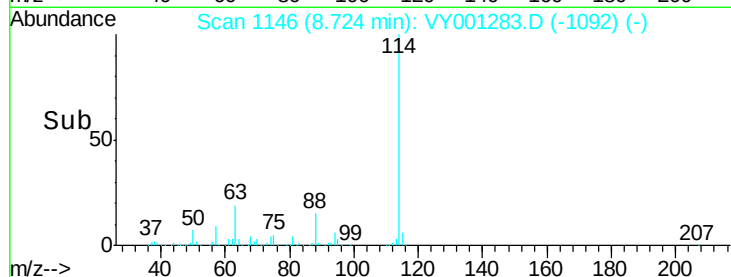
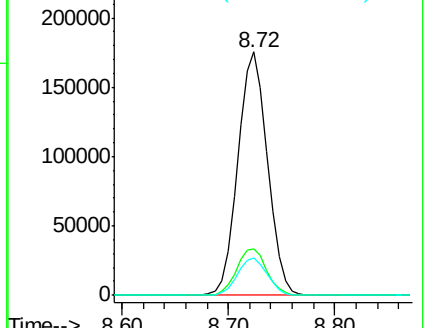
88 15.3 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 49.838 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.04 min

Lab File: VY001283.D

Acq: 17 Jan 2020 21:59

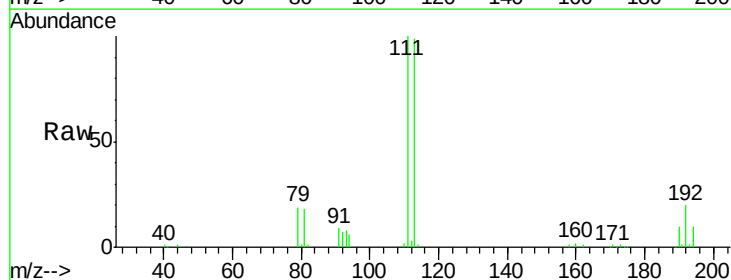
Tgt Ion:113 Resp: 99817

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

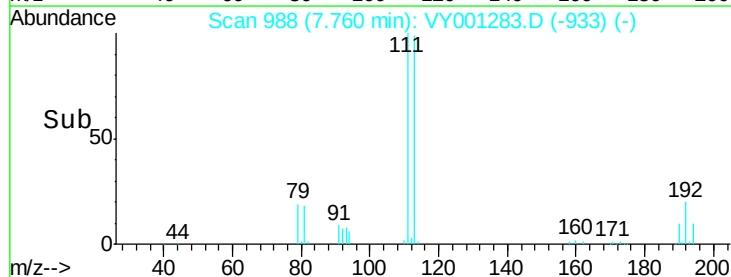
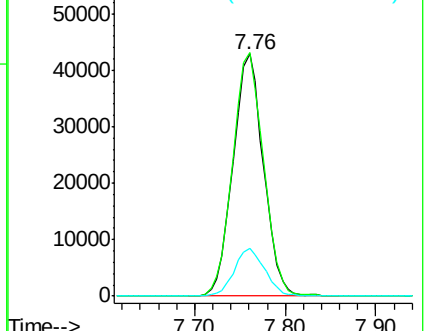
192 19.7 15.4 23.2

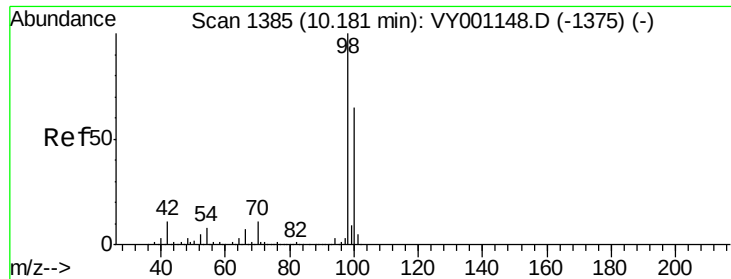


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.951 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001283.D

Acq: 17 Jan 2020 21:59

Instrument :

MSVOA_Y

ClientSampleId :

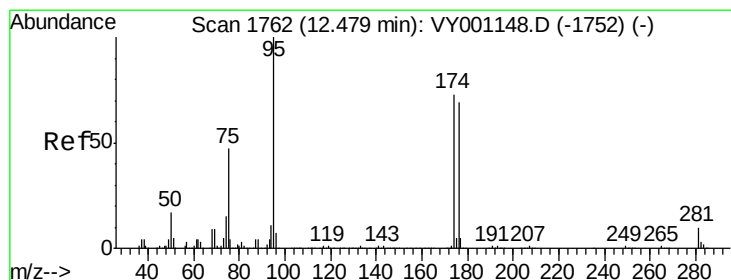
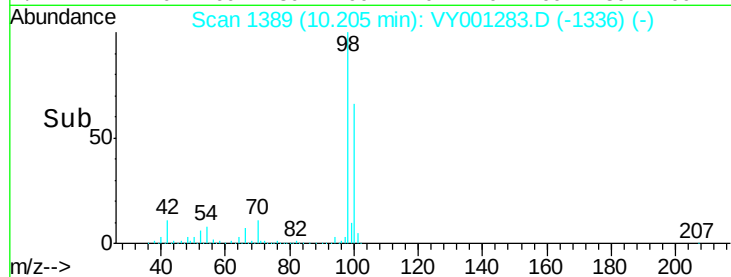
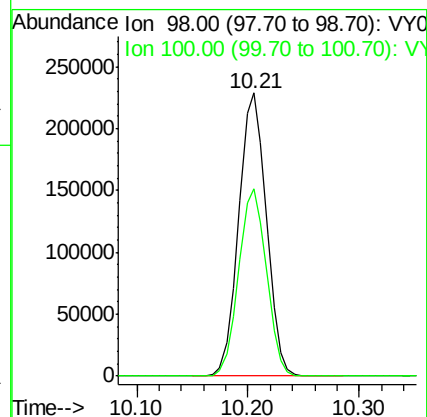
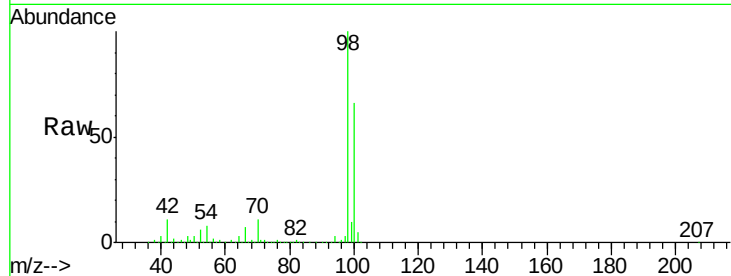
OK-02-011620

Tot Ion: 98 Resp: 393202

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 37.632 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.02 min

Lab File: VY001283.D

Acq: 17 Jan 2020 21:59

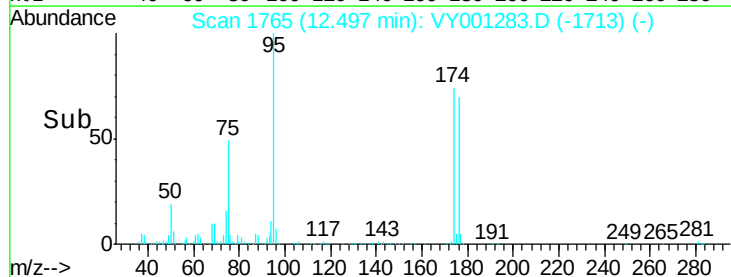
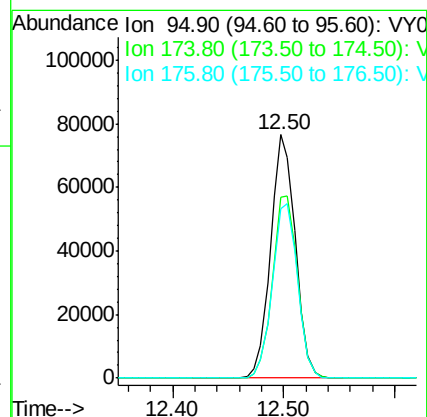
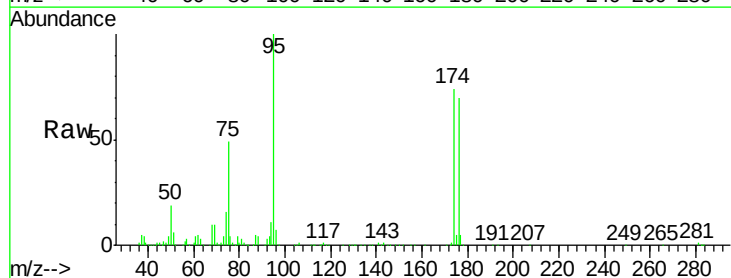
Tgt Ion: 95 Resp: 118729

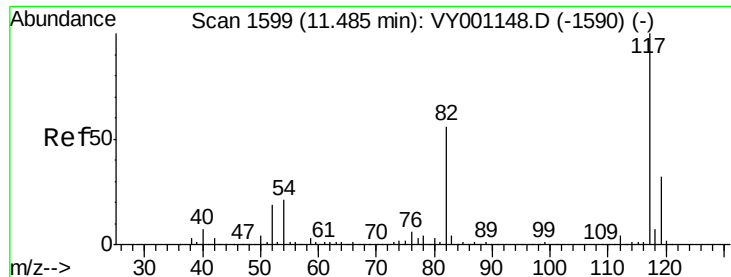
Ion Ratio Lower Upper

95 100

174 75.8 0.0 143.2

176 73.1 0.0 136.0

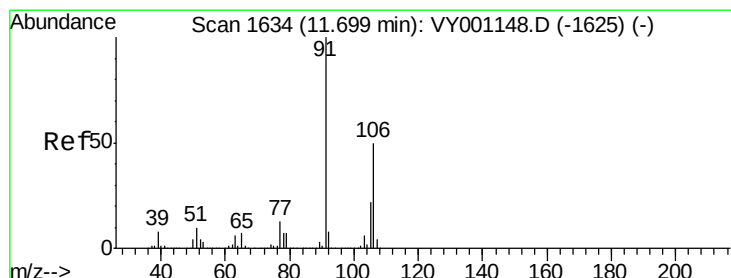
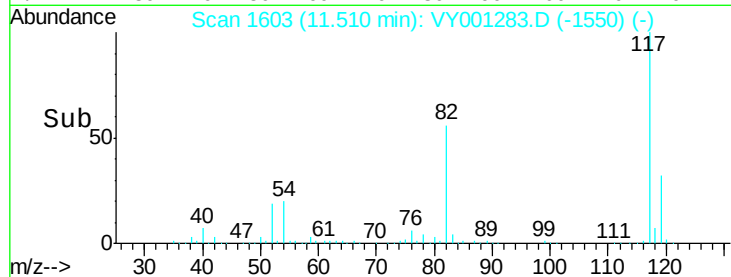
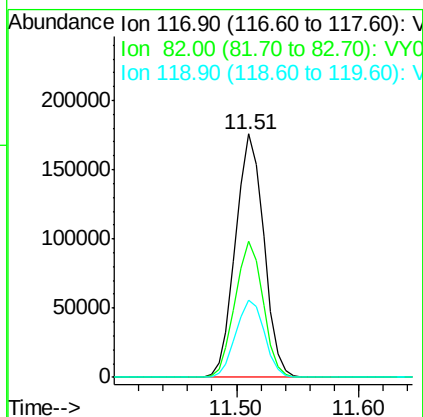
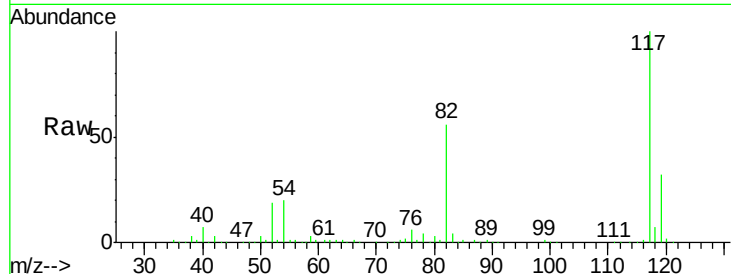




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.02 min
Lab File: VY001283.D
Acq: 17 Jan 2020 21:59

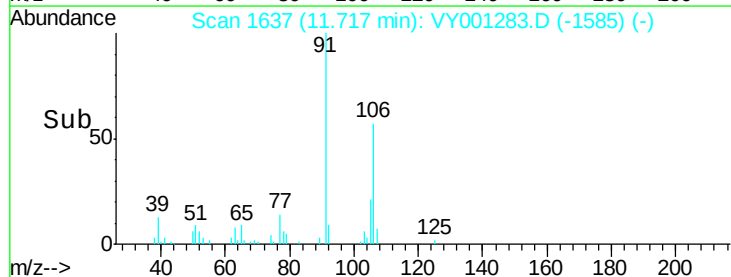
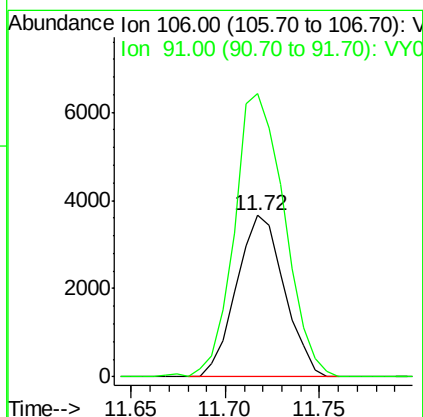
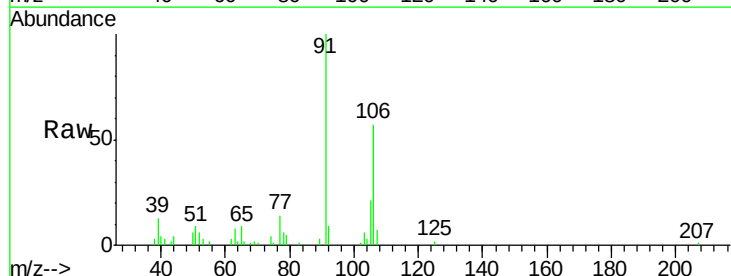
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-011620

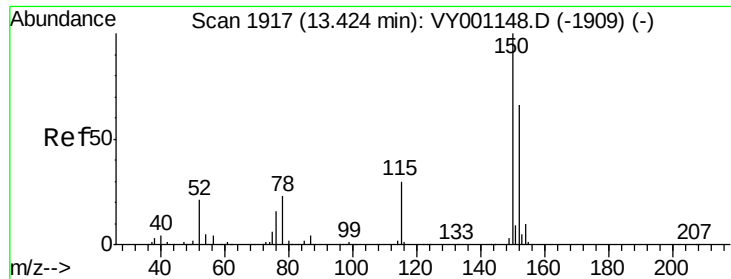
Tot Ion:117 Resp: 281916
Ion Ratio Lower Upper
117 100
82 56.0 44.9 67.3
119 31.7 25.7 38.5



#68
m/p-Xylenes
Concen: 1.654 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.02 min
Lab File: VY001283.D
Acq: 17 Jan 2020 21:59

Tgt Ion:106 Resp: 6431
Ion Ratio Lower Upper
106 100
91 183.5 161.4 242.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.02 min

Lab File: VY001283.D

Acq: 17 Jan 2020 21:59

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-011620

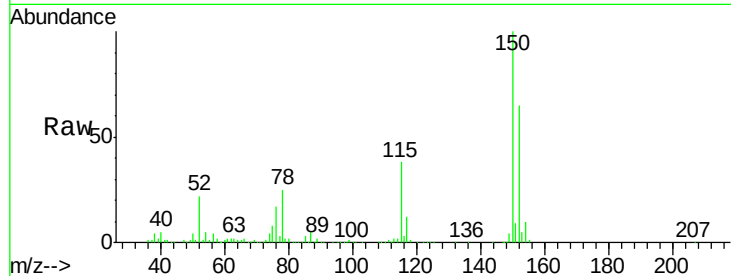
Tot Ion:152 Resp: 95415

Ion Ratio Lower Upper

152 100

115 59.6 30.9 92.5

150 156.4 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

