

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011320\
 Data File : VY001174.D
 Acq On : 13 Jan 2020 12:43
 Operator : SY/MD
 Sample : L1046-01
 Misc : 5.68G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2

Quant Time: Jan 14 10:41:47 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	36202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	59862	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	46971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	19053	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	14524	37.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.98%	
35) Dibromofluoromethane	7.73	113	15514	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
50) Toluene-d8	10.18	98	70109	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.48	95	19940	36.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.24%	

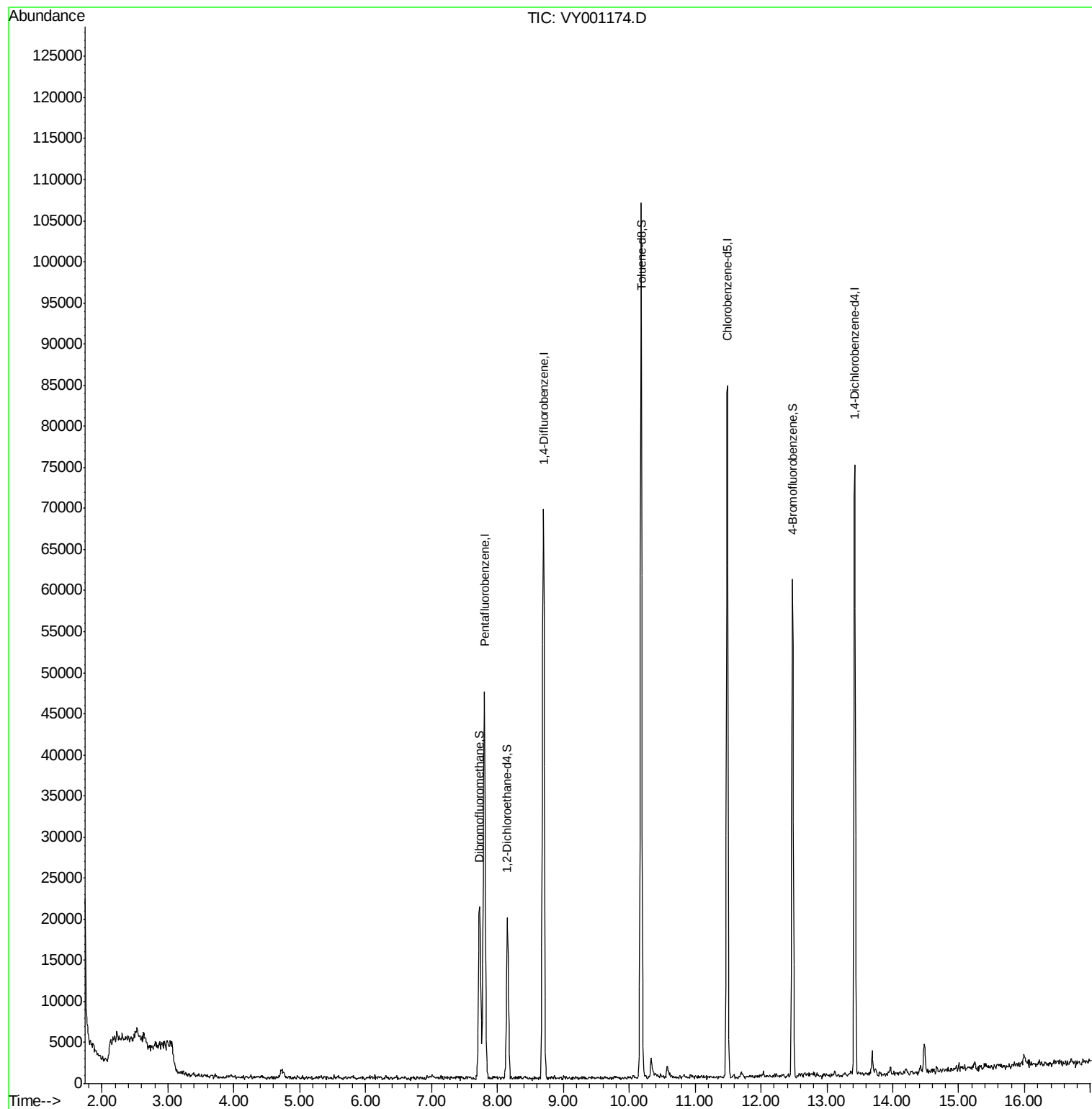
Target Compounds	Qvalue

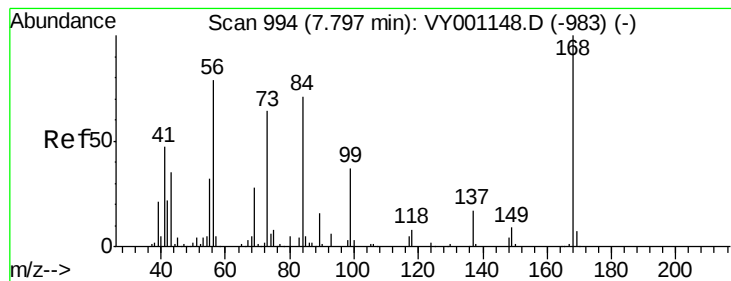
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001174.D

Acq: 13 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

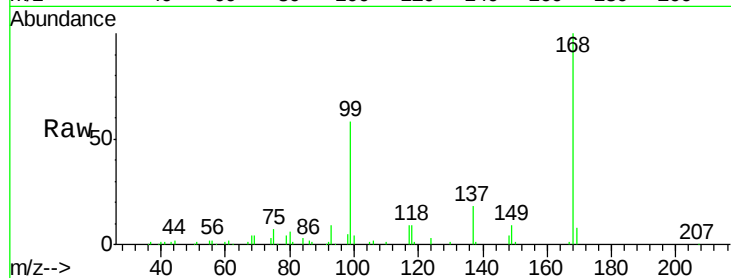
CIY1-SB-04-0-2

Tot Ion:168 Resp: 36202

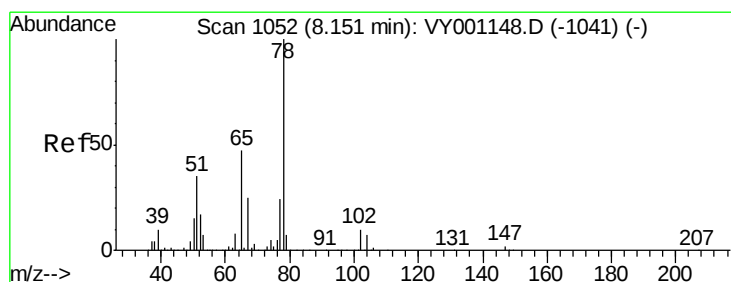
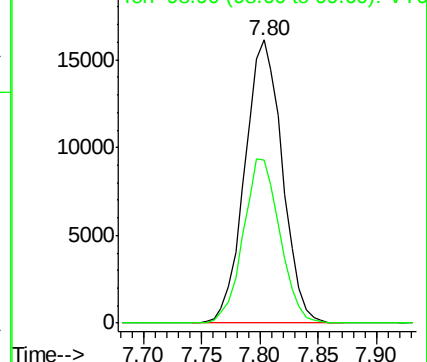
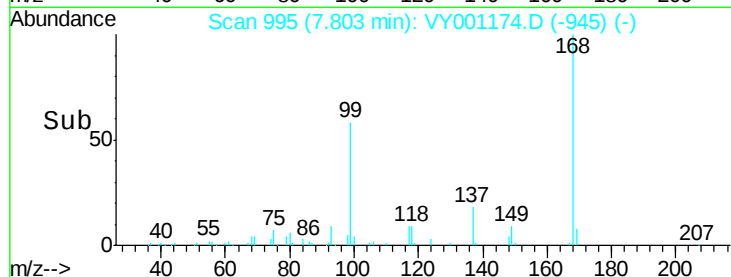
Ion Ratio Lower Upper

168 100

99 57.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001174.D (-945) (-)



#33

1,2-Dichloroethane-d4

Concen: 37.985 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001174.D

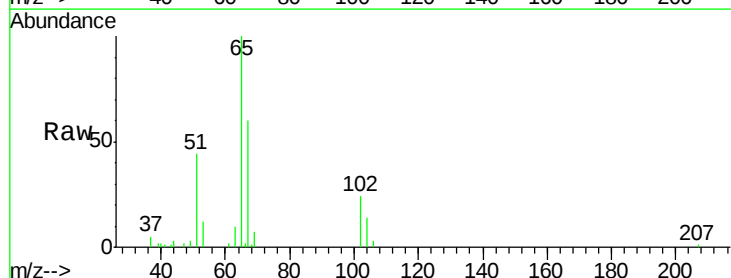
Acq: 13 Jan 2020 12:43

Tgt Ion: 65 Resp: 14524

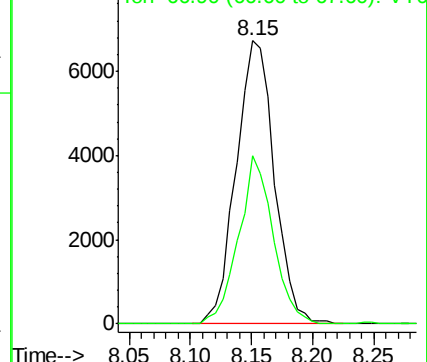
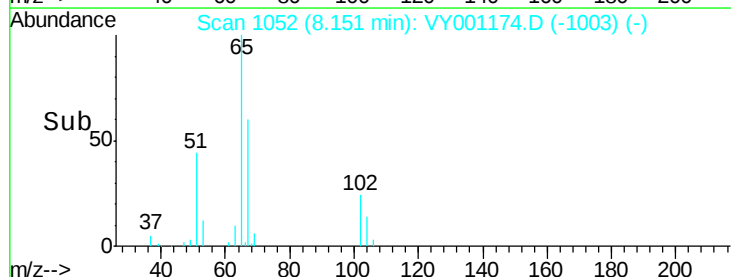
Ion Ratio Lower Upper

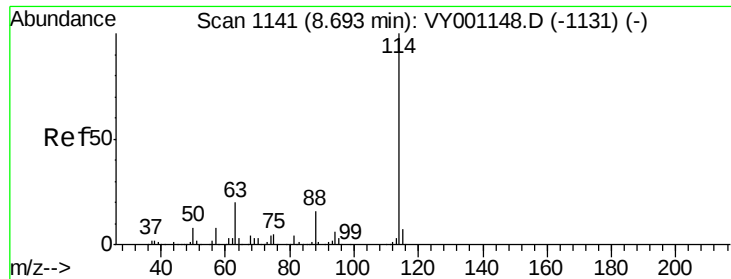
65 100

67 53.6 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001174.D (-1003) (-)

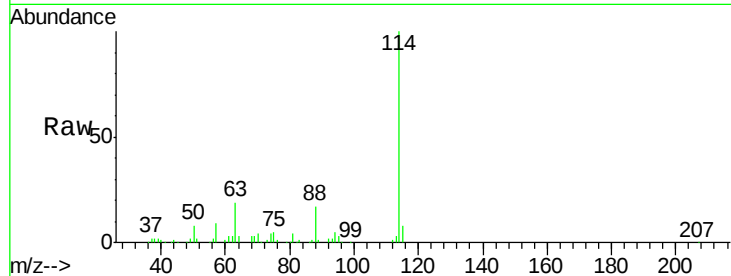




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001174.D
 Acq: 13 Jan 2020 12:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-04-0-2

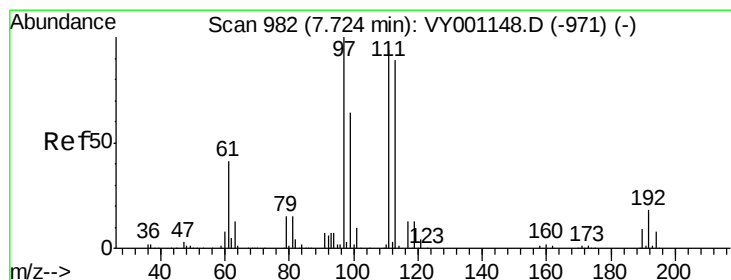
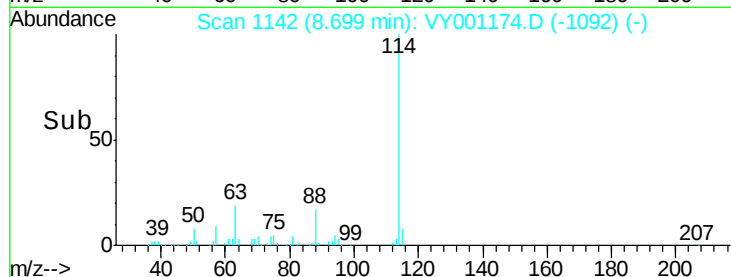
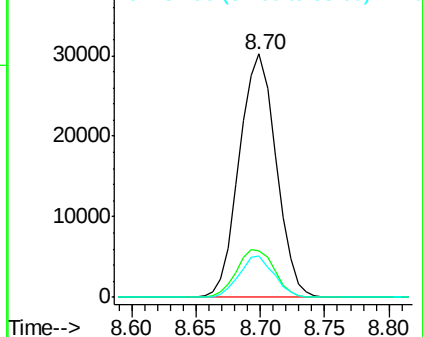
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	40.8
88	17.1	0.0	32.4



Abundance Ion 113.90 (113.60 to 114.60): V

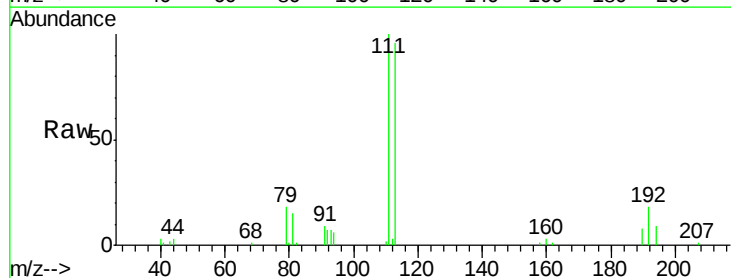
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 44.264 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001174.D
 Acq: 13 Jan 2020 12:43

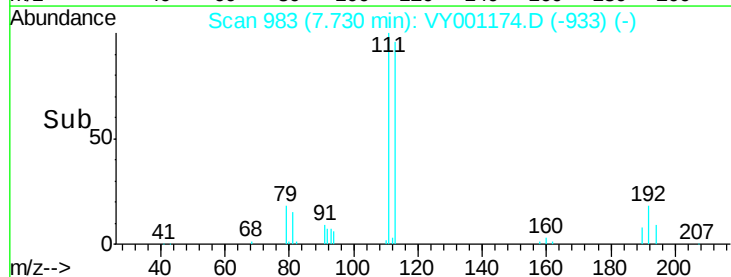
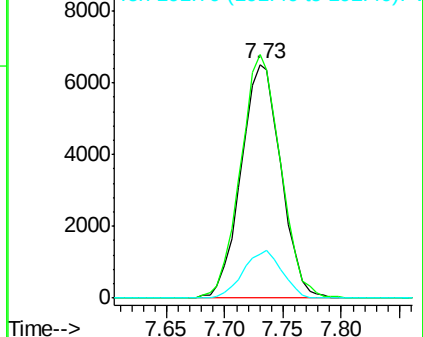
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.9	124.3
192	19.7	15.4	23.2

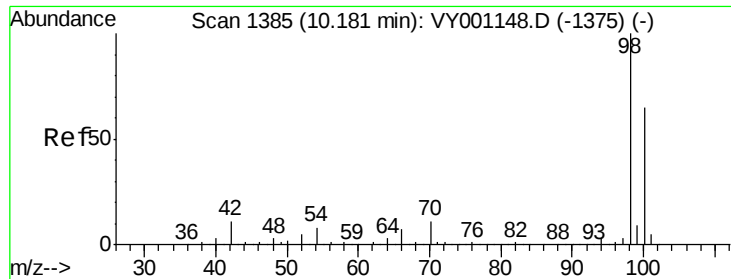


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.914 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001174.D

Acq: 13 Jan 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

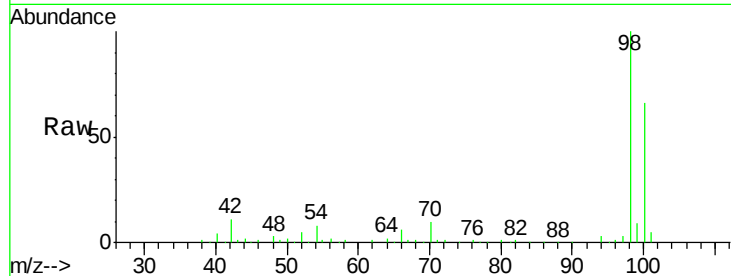
CIY1-SB-04-0-2

Tot Ion: 98 Resp: 70109

Ion Ratio Lower Upper

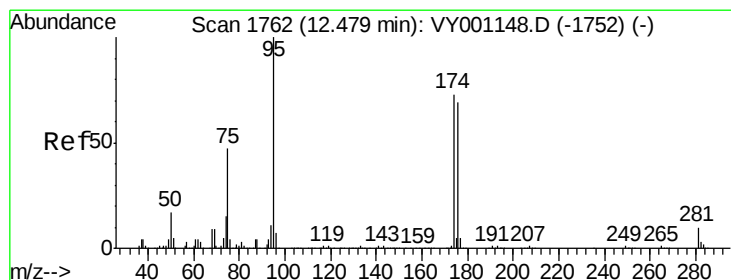
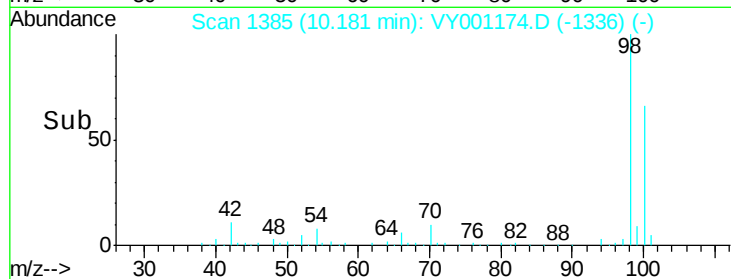
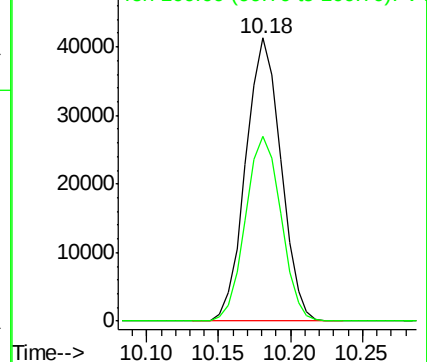
98 100

100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 36.115 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001174.D

Acq: 13 Jan 2020 12:43

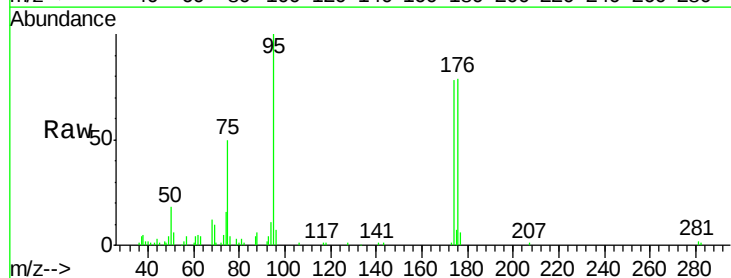
Tgt Ion: 95 Resp: 19940

Ion Ratio Lower Upper

95 100

174 76.9 0.0 143.2

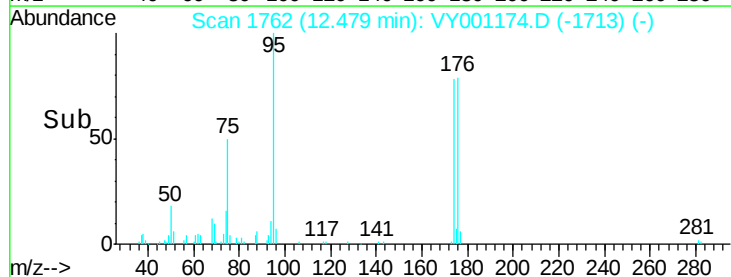
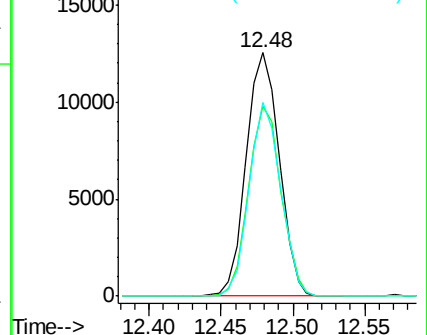
176 75.6 0.0 136.0

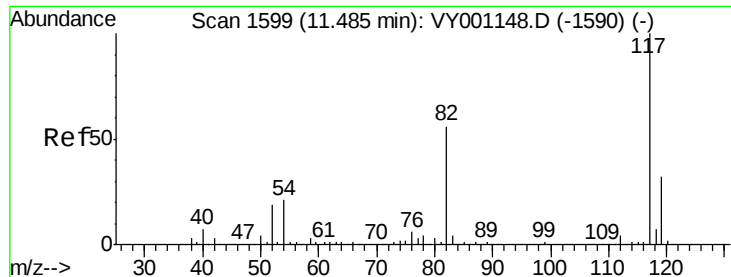


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

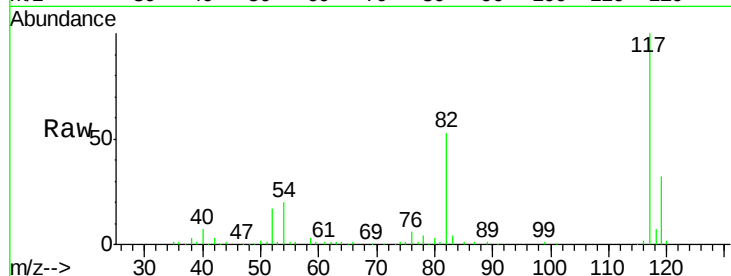




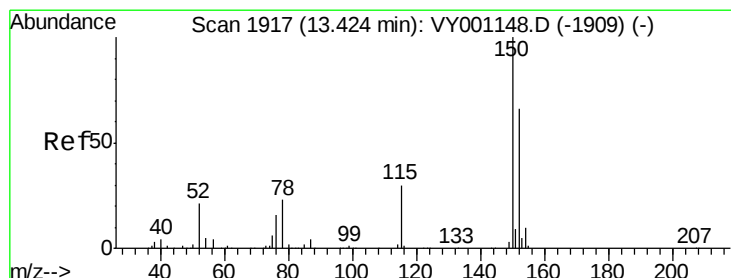
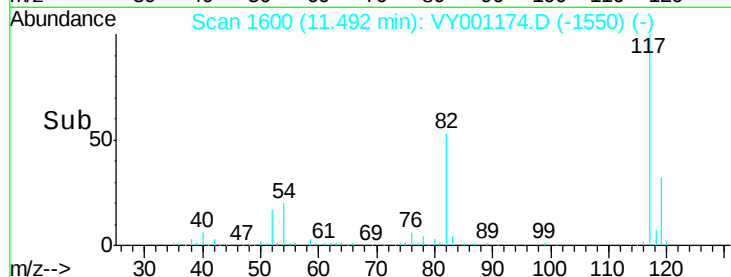
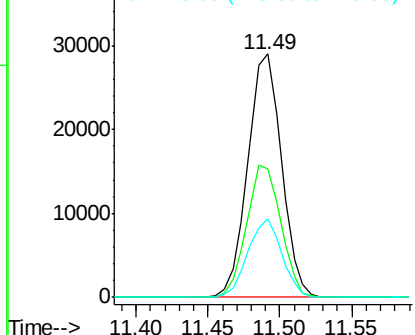
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001174.D
Acq: 13 Jan 2020 12:43

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-04-0-2

Tot Ion:117 Resp: 46971
Ion Ratio Lower Upper
117 100
82 52.6 44.9 67.3
119 32.3 25.7 38.5

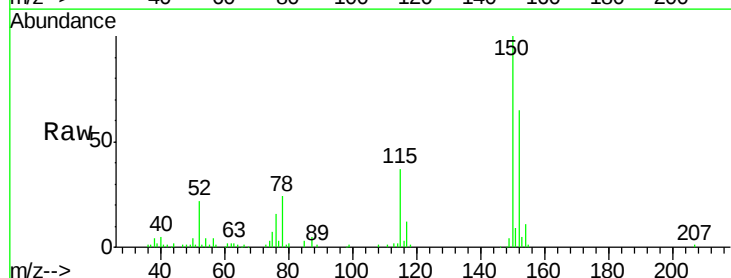


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001174.D
Acq: 13 Jan 2020 12:43

Tgt Ion:152 Resp: 19053
Ion Ratio Lower Upper
152 100
115 59.1 30.9 92.5
150 154.7 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

