

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002131.D
 Acq On : 31 Mar 2020 14:30
 Operator : SY/MD
 Sample : L2055-08
 Misc : 7.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-(1-3)

Quant Time: Mar 31 18:33:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	126332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	249823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	228222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	93769	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	81332	58.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.48%	
35) Dibromofluoromethane	7.75	113	74791	53.43	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.86%	
50) Toluene-d8	10.19	98	302380	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.49	95	99293	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

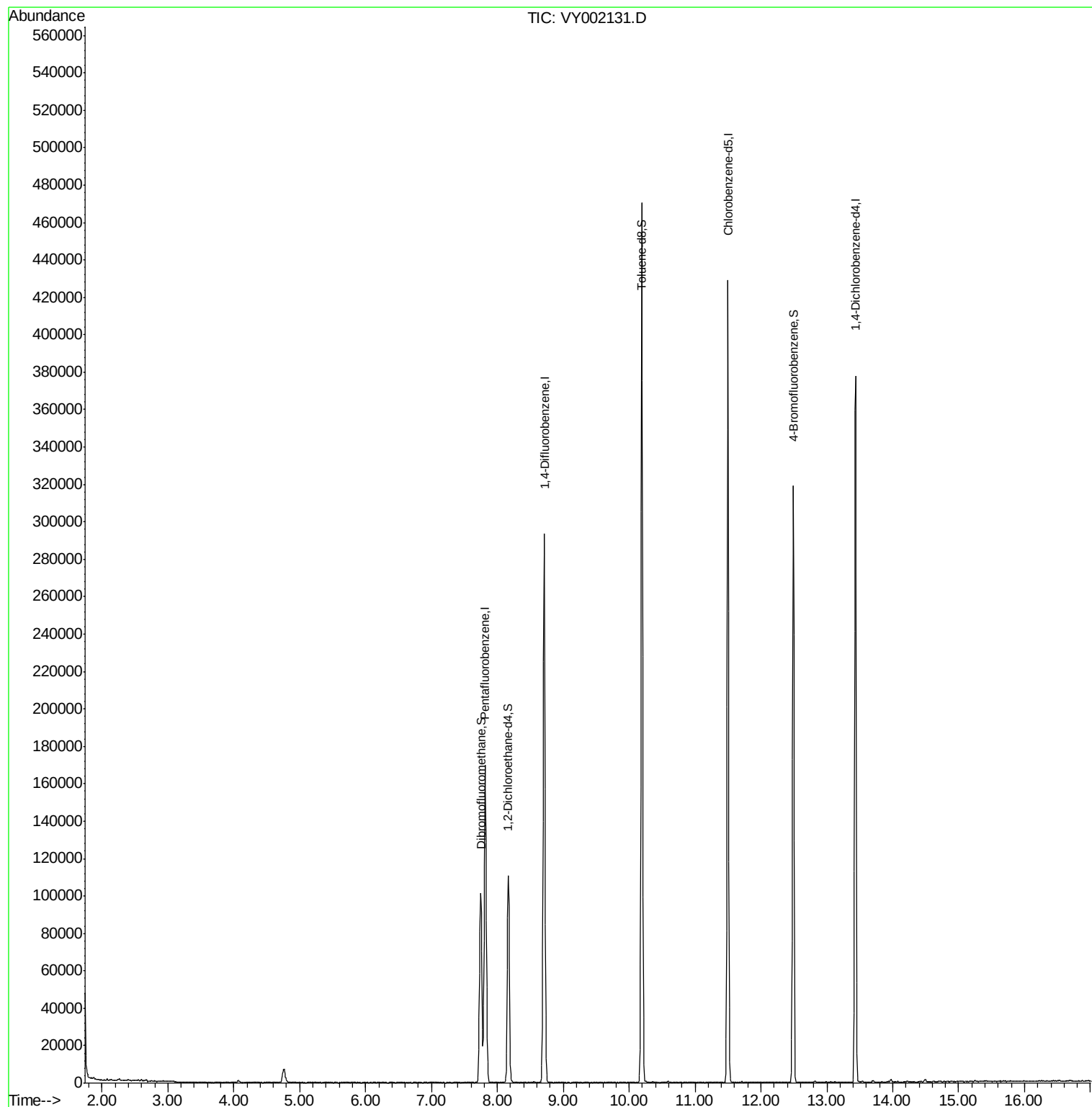
Target Compounds	Qvalue
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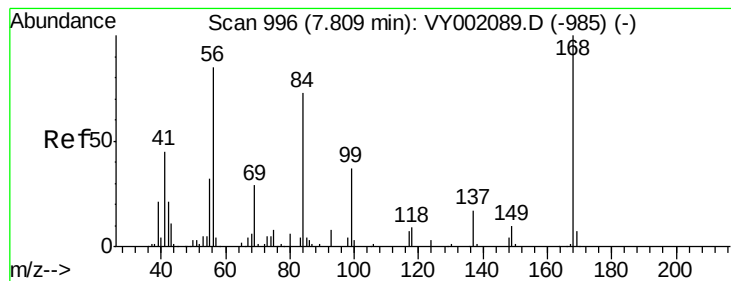
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002131.D

Acq: 31 Mar 2020 14:30

Instrument :

MSVOA_Y

ClientSampleId :

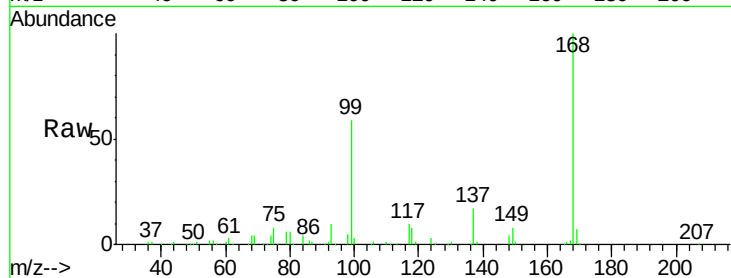
SB-7-(1-3)

Tot Ion:168 Resp: 126332

Ion Ratio Lower Upper

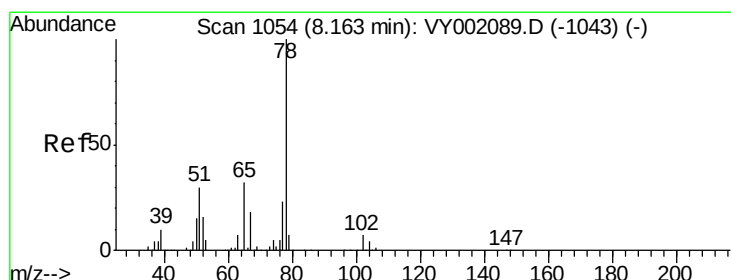
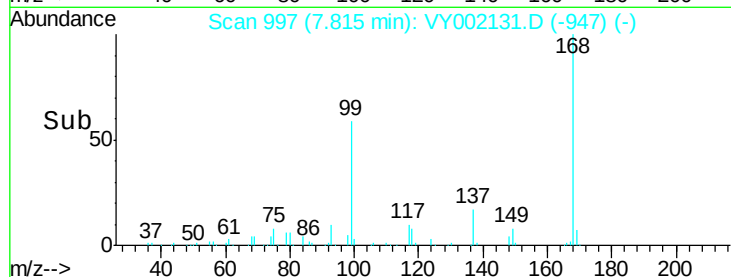
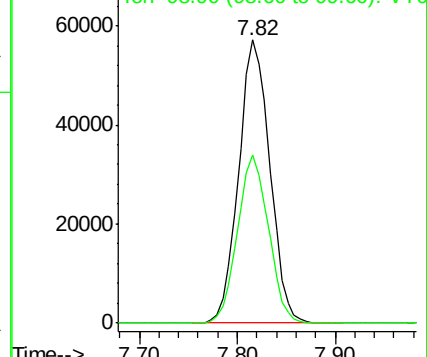
168 100

99 59.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002131.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002131.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.237 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY002131.D

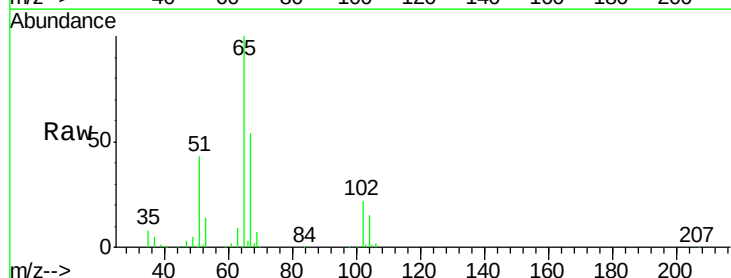
Acq: 31 Mar 2020 14:30

Tgt Ion: 65 Resp: 81332

Ion Ratio Lower Upper

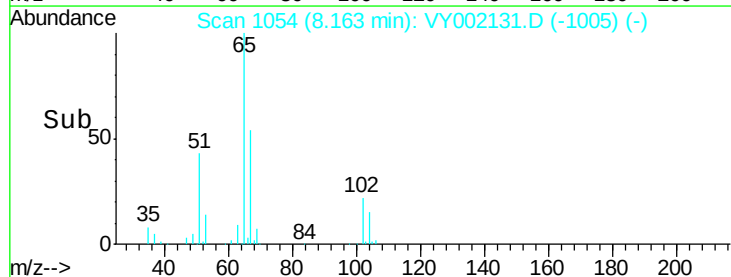
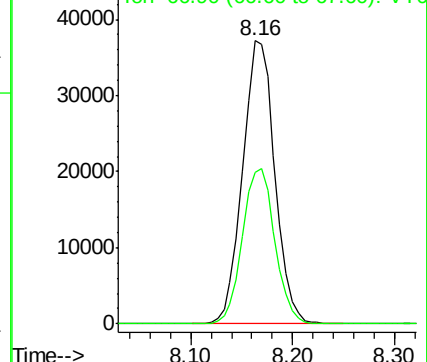
65 100

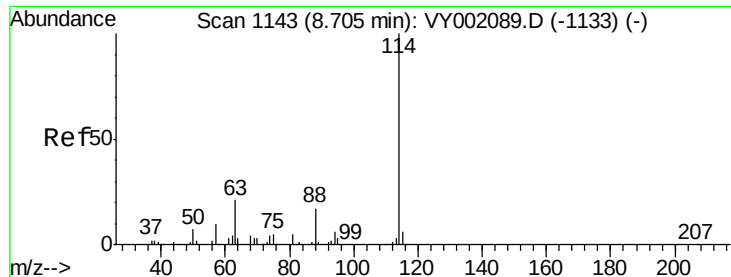
67 55.2 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002131.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002131.D (-1005) (-)

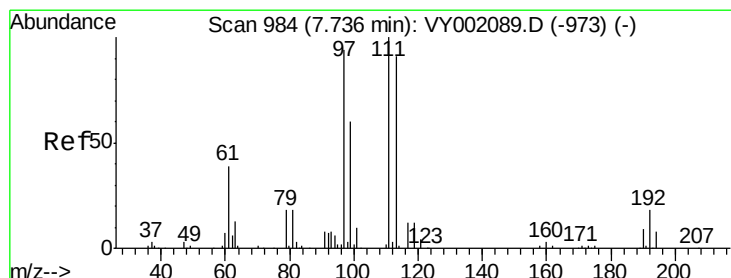
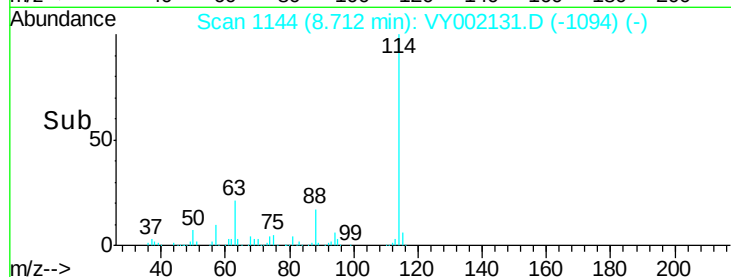
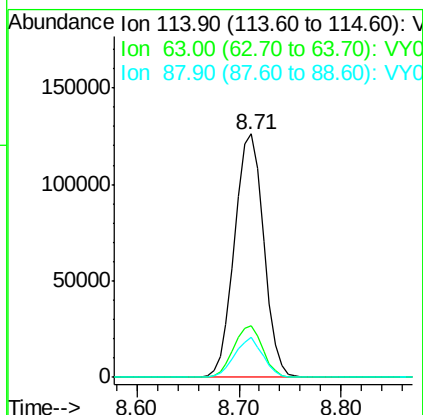
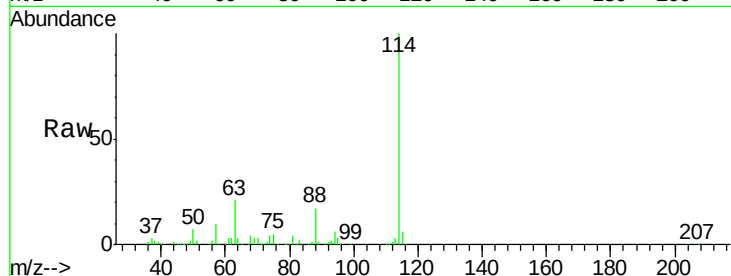




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002131.D
 Acq: 31 Mar 2020 14:30

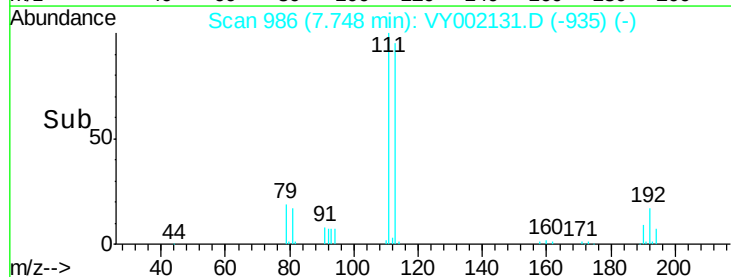
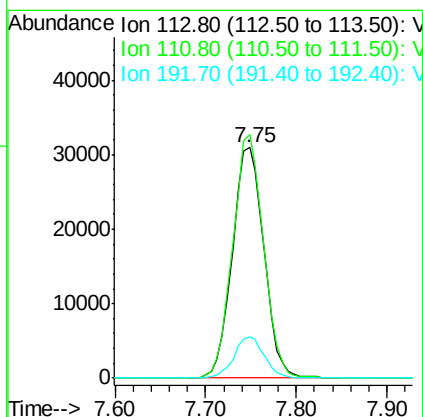
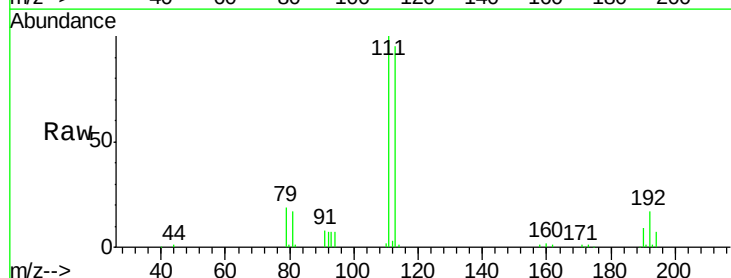
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7-(1-3)

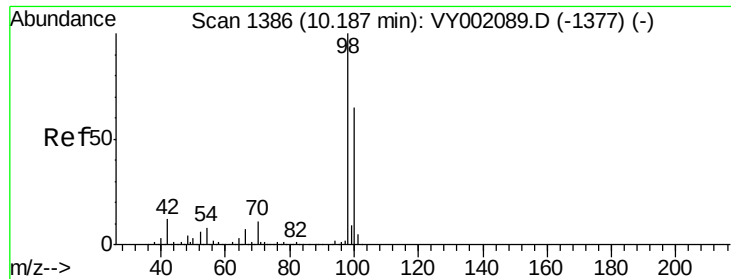
Tot Ion:114 Resp: 249823
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 16.6 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 53.430 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002131.D
 Acq: 31 Mar 2020 14:30

Tgt Ion:113 Resp: 74791
 Ion Ratio Lower Upper
 113 100
 111 103.0 84.4 126.6
 192 17.2 14.6 21.8





#50

Toluene-d8

Concen: 51.999 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002131.D

Acq: 31 Mar 2020 14:30

Instrument :

MSVOA_Y

ClientSampleId :

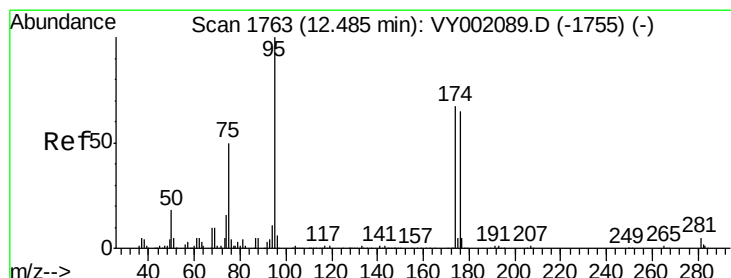
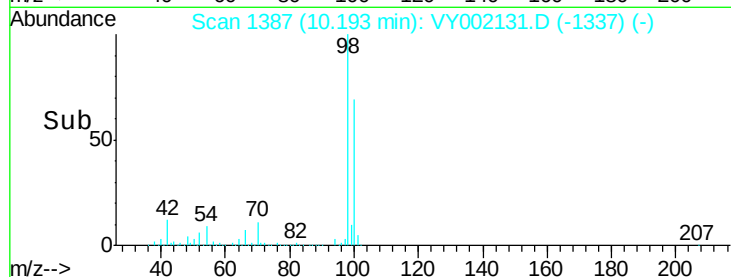
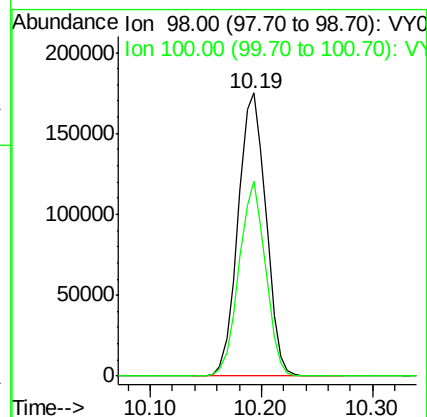
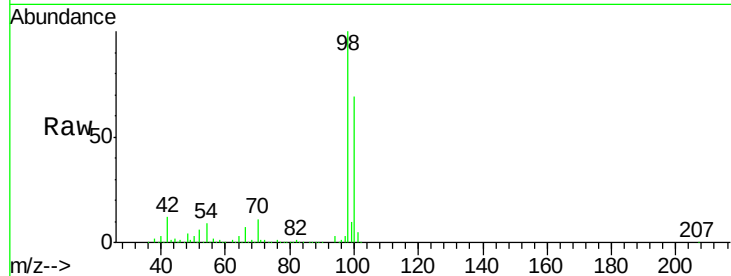
SB-7-(1-3)

Tot Ion: 98 Resp: 302380

Ion Ratio Lower Upper

98 100

100 65.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 48.823 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002131.D

Acq: 31 Mar 2020 14:30

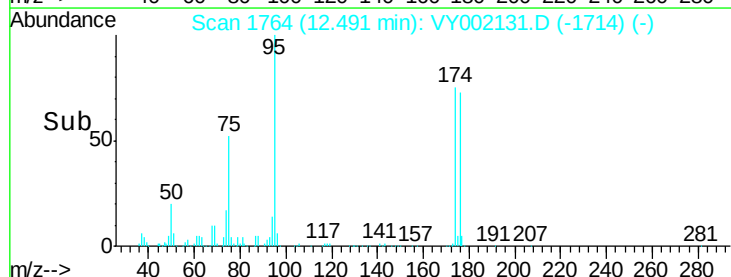
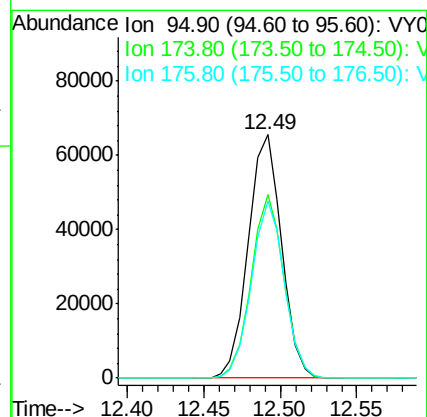
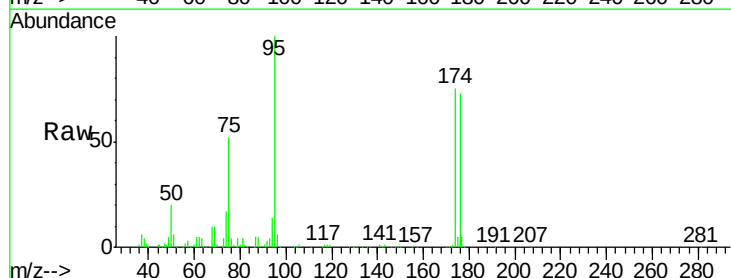
Tgt Ion: 95 Resp: 99293

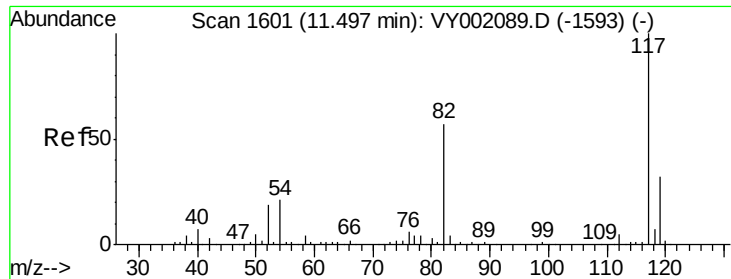
Ion Ratio Lower Upper

95 100

174 74.0 0.0 143.4

176 71.5 0.0 137.0

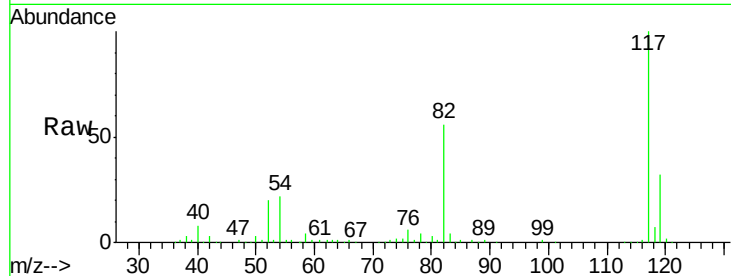




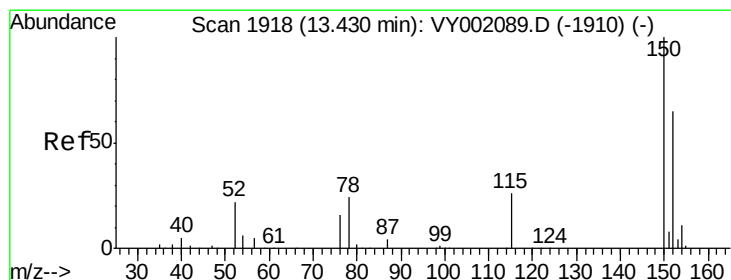
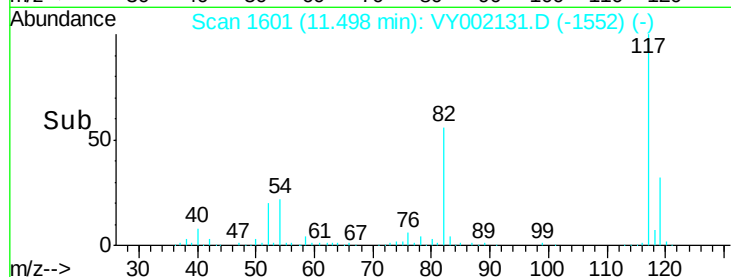
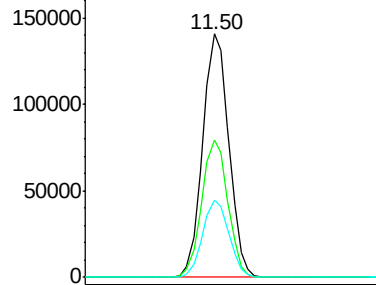
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002131.D
Acq: 31 Mar 2020 14:30

Instrument :
MSVOA_Y
ClientSampleId :
SB-7-(1-3)

Tot Ion:117 Resp: 228222
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 31.9 25.3 37.9

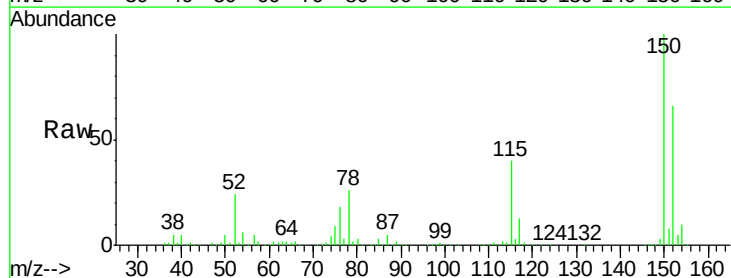


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002131.D
Acq: 31 Mar 2020 14:30

Tgt Ion:152 Resp: 93769
Ion Ratio Lower Upper
152 100
115 60.9 31.2 93.6
150 156.6 0.0 354.8



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

