

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002194.D
 Acq On : 02 Apr 2020 15:59
 Operator : SY/MD
 Sample : L2135-09
 Misc : 7.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3k-(7-9)

Quant Time: Apr 03 04:17:57 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	7.80	168	128674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	256596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	239045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	104663	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	80709	56.74	ug/l	0.00
Spiked Amount			Recovery	=	113.48%	
35) Dibromofluoromethane	7.74	113	74581	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
50) Toluene-d8	10.19	98	312904	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.49	95	109671	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	

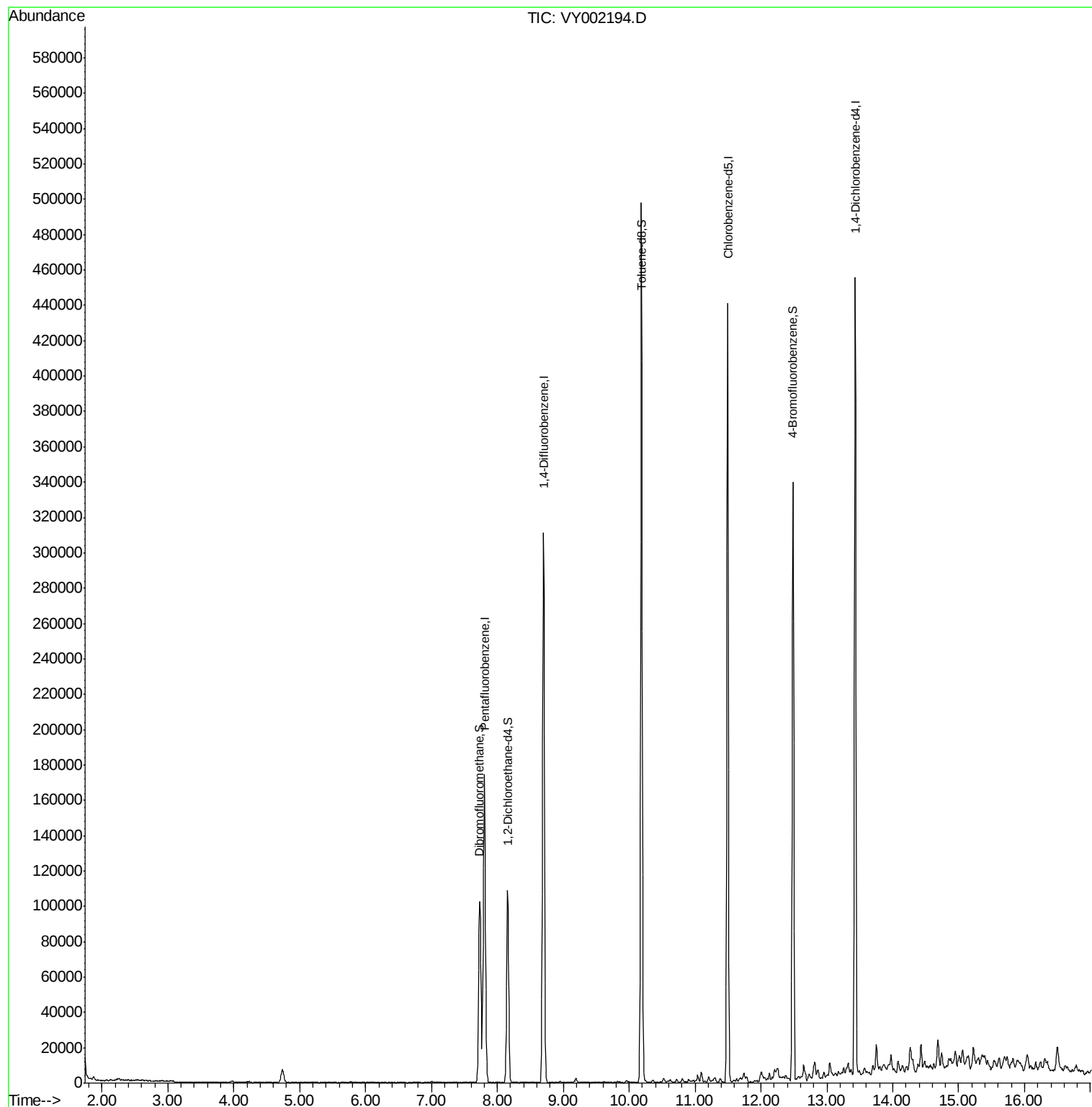
Target Compounds	Qvalue
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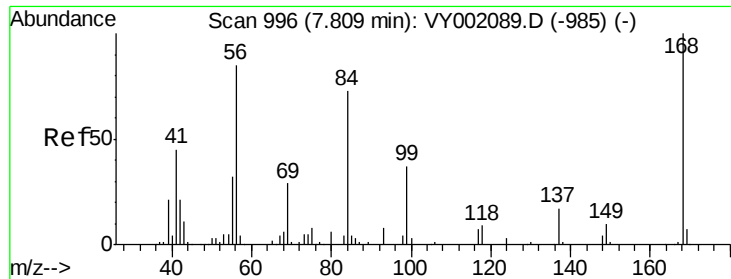
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002194.D

Acq: 02 Apr 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

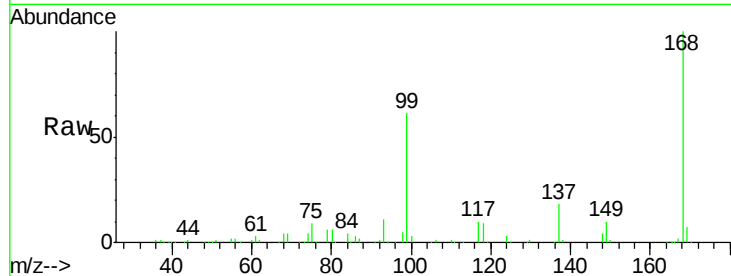
SB-3k-(7-9)

Tot Ion:168 Resp: 128674

Ion Ratio Lower Upper

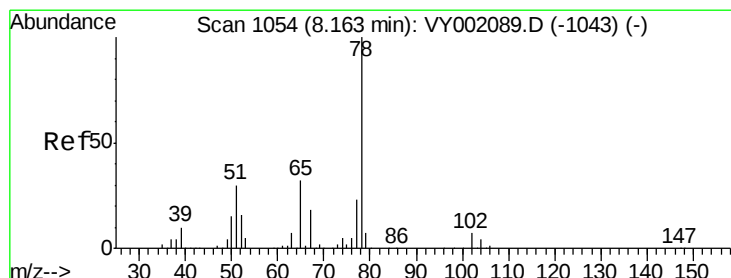
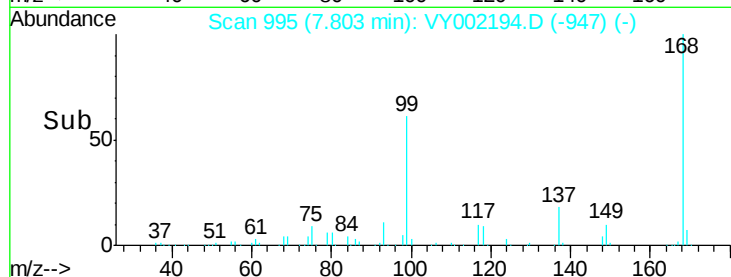
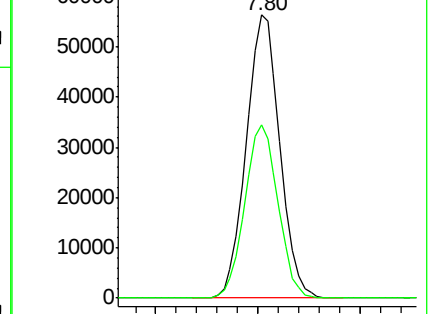
168 100

99 61.4 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002194.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002194.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.739 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002194.D

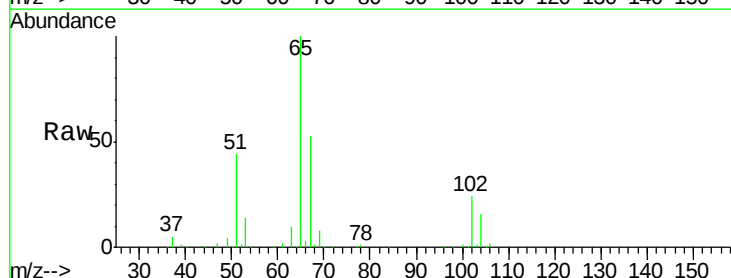
Acq: 02 Apr 2020 15:59

Tgt Ion: 65 Resp: 80709

Ion Ratio Lower Upper

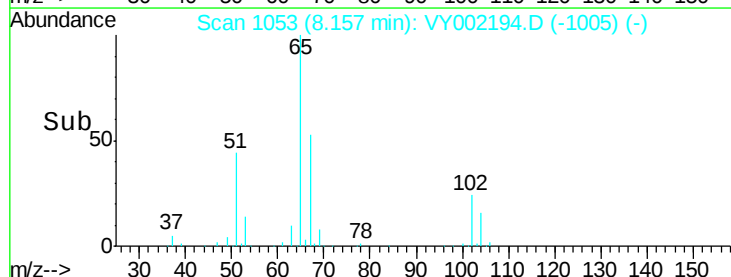
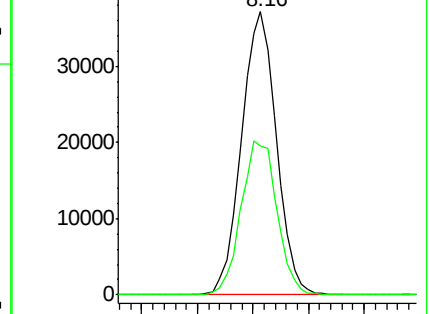
65 100

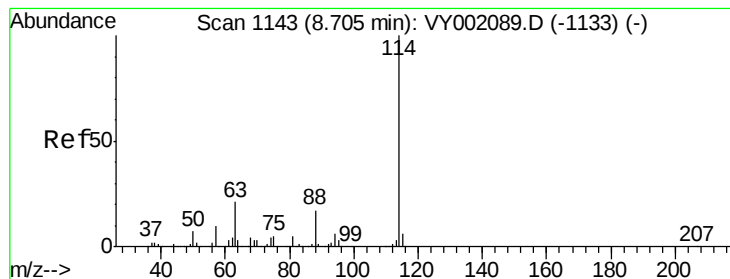
67 56.0 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002194.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY002194.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002194.D

Acq: 02 Apr 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

SB-3k-(7-9)

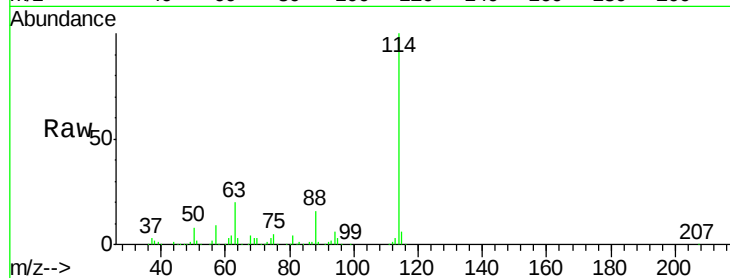
Tot Ion:114 Resp: 256596

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

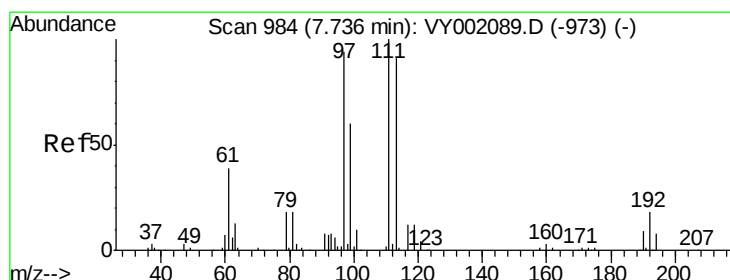
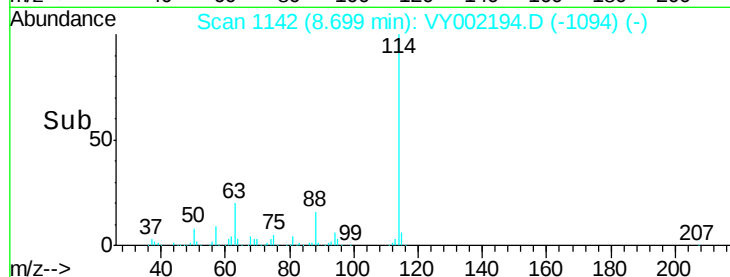
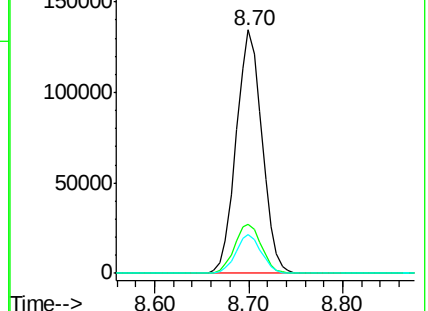
88 16.0 0.0 33.0



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: 51.874 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.00 min

Lab File: VY002194.D

Acq: 02 Apr 2020 15:59

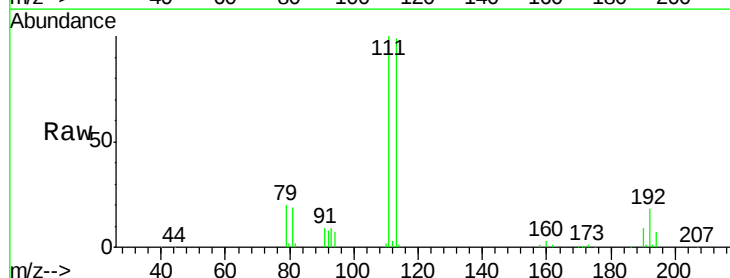
Tgt Ion:113 Resp: 74581

Ion Ratio Lower Upper

113 100

111 105.4 84.4 126.6

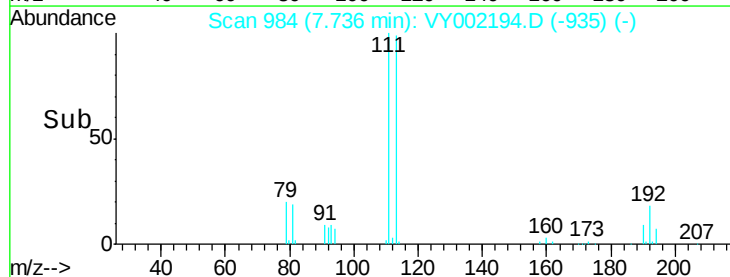
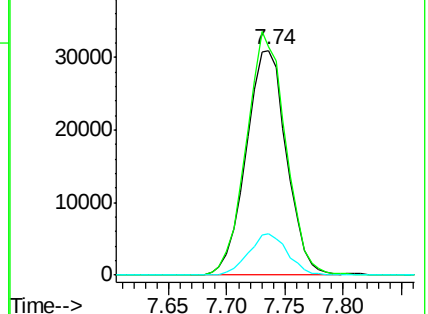
192 17.8 14.6 21.8

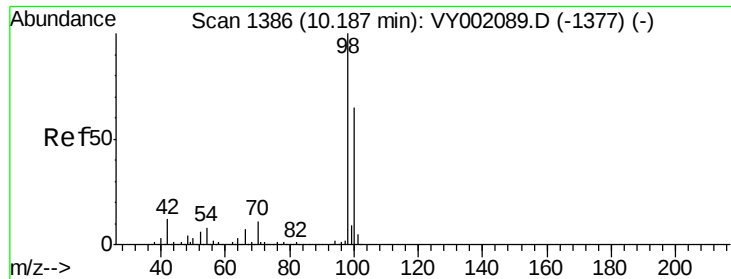


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.389 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002194.D

Acq: 02 Apr 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

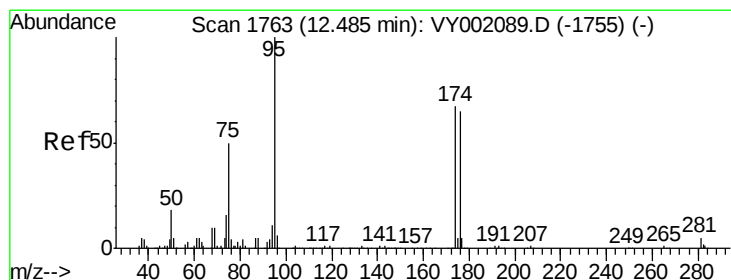
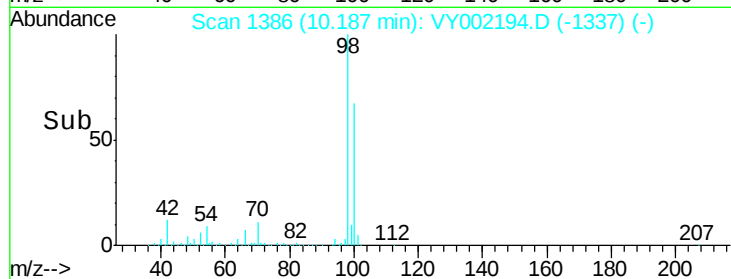
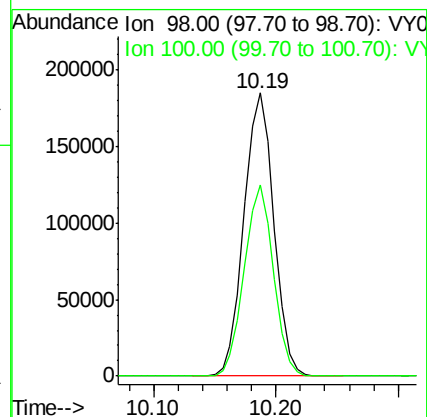
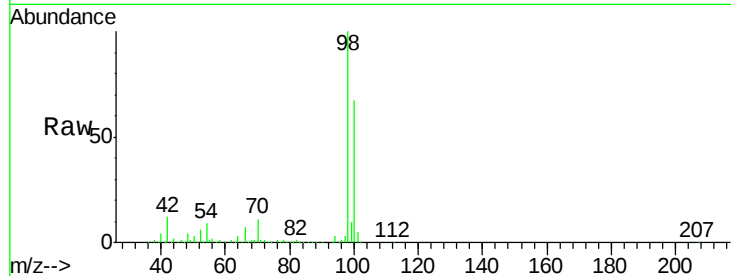
SB-3k-(7-9)

Tot Ion: 98 Resp: 312904

Ion Ratio Lower Upper

98 100

100 66.2 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 52.503 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002194.D

Acq: 02 Apr 2020 15:59

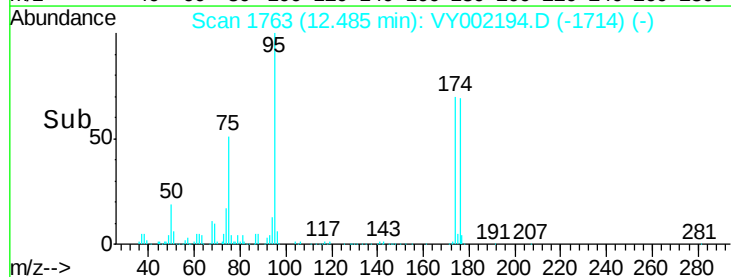
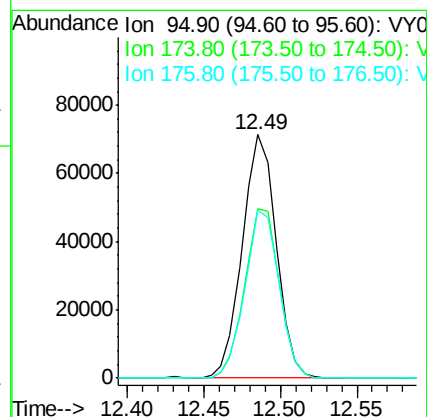
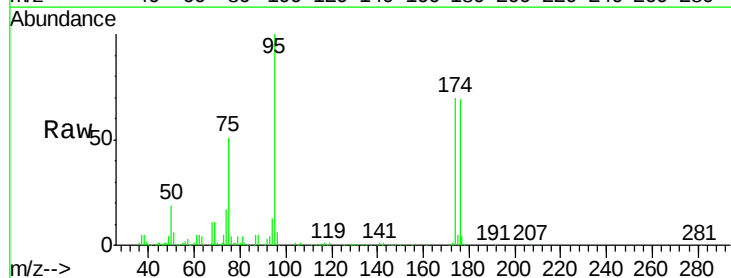
Tgt Ion: 95 Resp: 109671

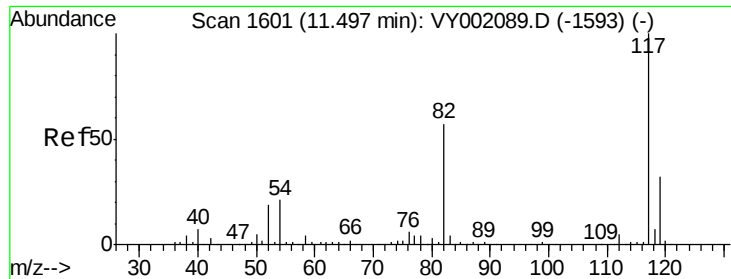
Ion Ratio Lower Upper

95 100

174 71.5 0.0 143.4

176 69.7 0.0 137.0

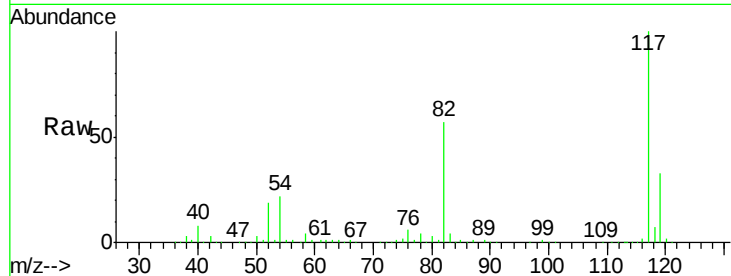




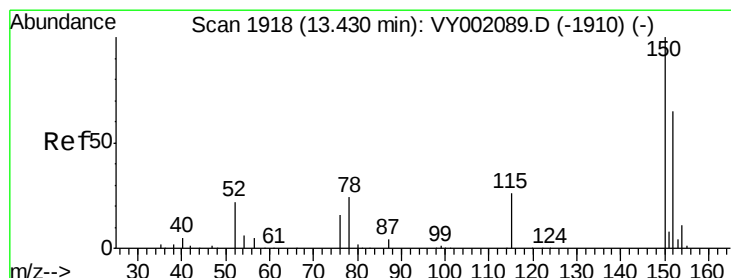
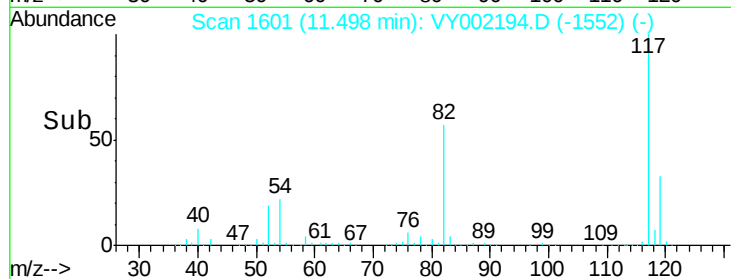
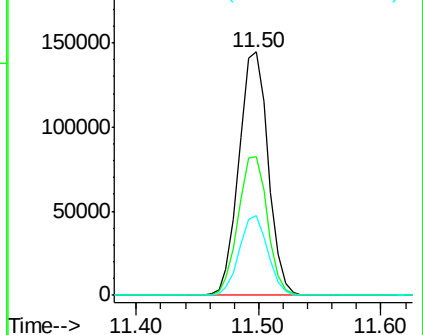
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002194.D
Acq: 02 Apr 2020 15:59

Instrument :
MSVOA_Y
ClientSampleId :
SB-3k-(7-9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.4	68.2
119	32.8	25.3	37.9

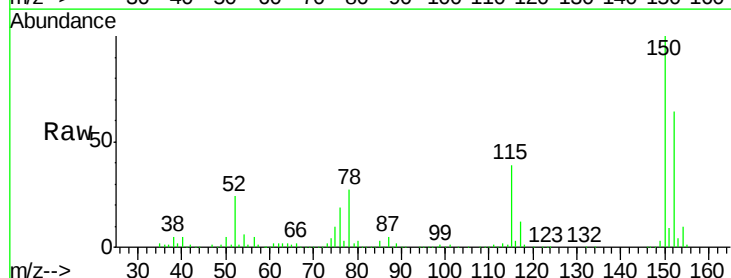


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002194.D
Acq: 02 Apr 2020 15:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.2	93.6
150	159.0	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

