

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122619\
 Data File : VY001069.D
 Acq On : 26 Dec 2019 14:08
 Operator : SY/MD
 Sample : K6431-06
 Misc : 6.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-(0-2)

Quant Time: Dec 27 06:10:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

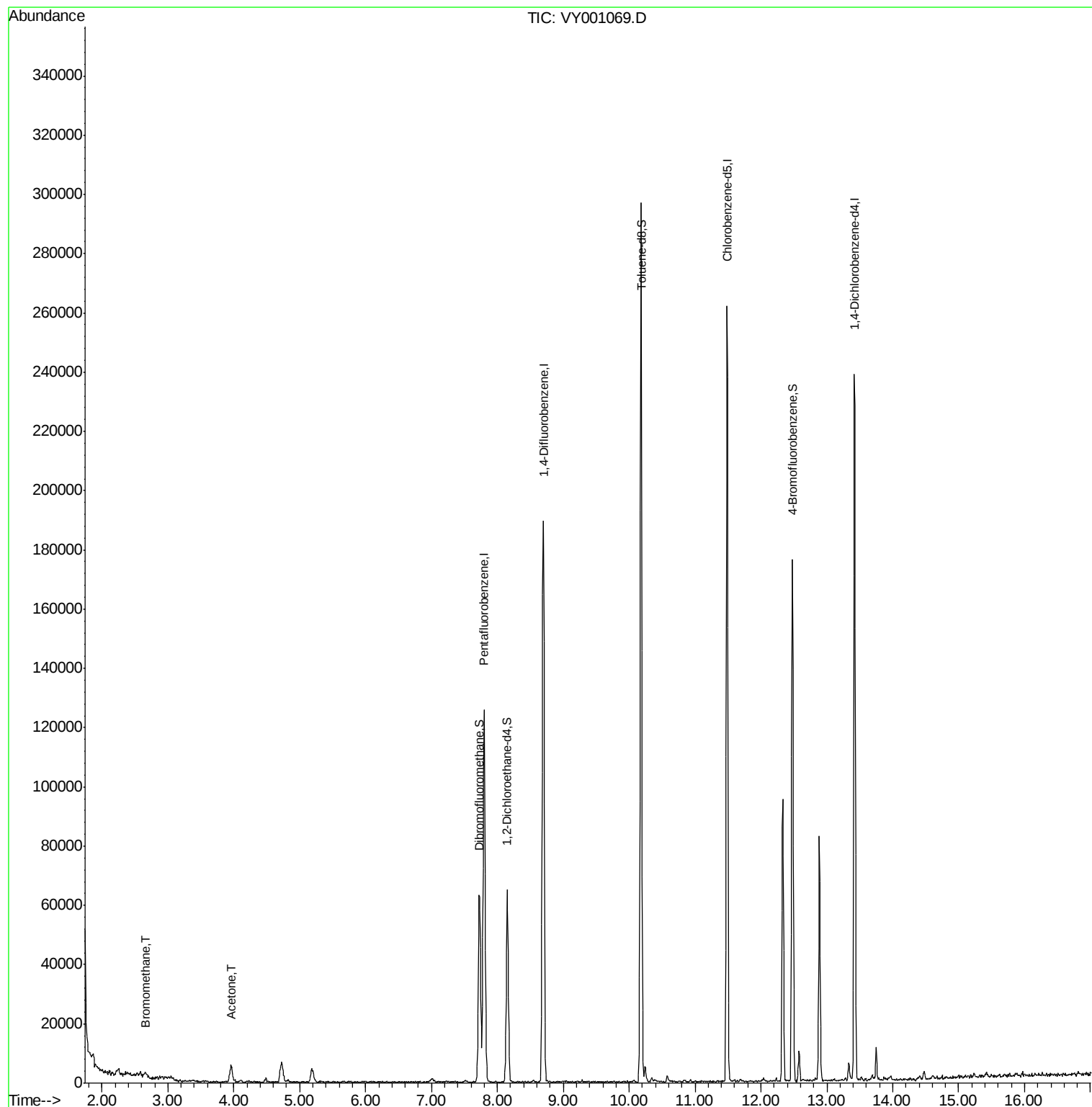
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	96526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	172520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	142337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	58715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	44336	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
35) Dibromofluoromethane	7.73	113	47168	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
50) Toluene-d8	10.18	98	197831	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.48	95	60093	41.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.80%	
Target Compounds						
5) Bromomethane	2.66	94	526	1.408	ug/l #	42
16) Acetone	3.96	43	9287	42.345	ug/l #	83

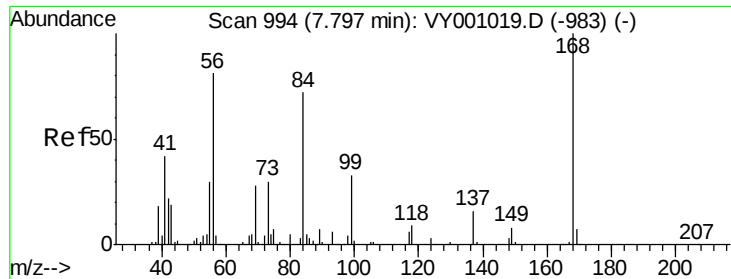
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001069.D

Acq: 26 Dec 2019 14:08

Instrument :

MSVOA_Y

ClientSampleId :

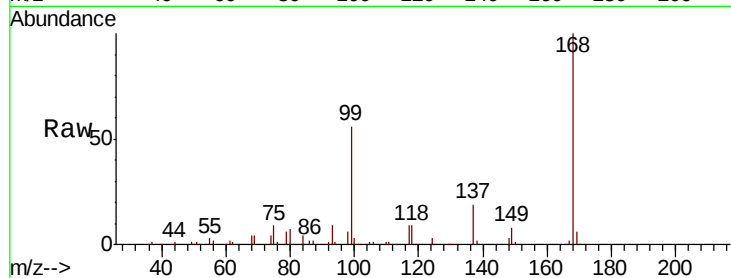
SB-3-(0-2)

Tot Ion:168 Resp: 96526

Ion Ratio Lower Upper

168 100

99 55.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

40000

30000

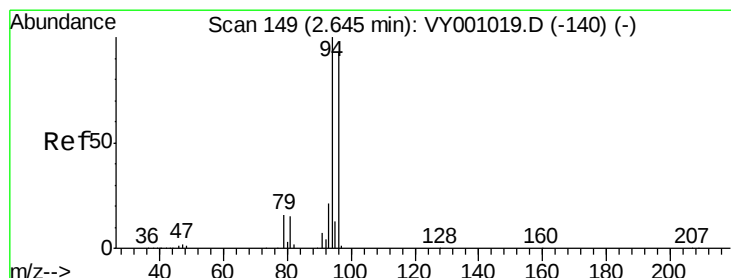
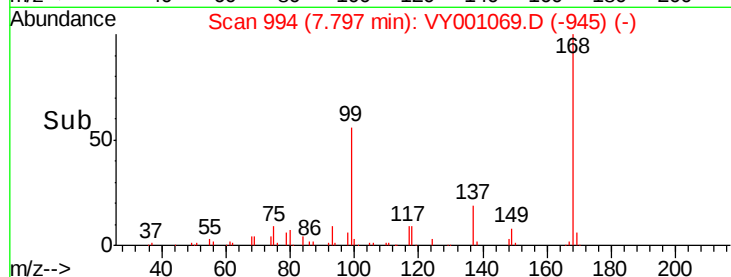
20000

10000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#5

Bromomethane

Concen: 1.408 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.02 min

Lab File: VY001069.D

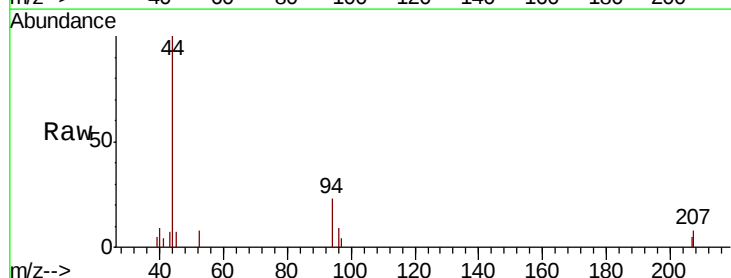
Acq: 26 Dec 2019 14:08

Tgt Ion: 94 Resp: 526

Ion Ratio Lower Upper

94 100

96 37.4 74.2 111.4#



Abundance Ion 93.90 (93.60 to 94.60): VY001019.D (-140) (-)

Ion 95.90 (95.60 to 96.60): VY001019.D (-140) (-)

2.66

400

300

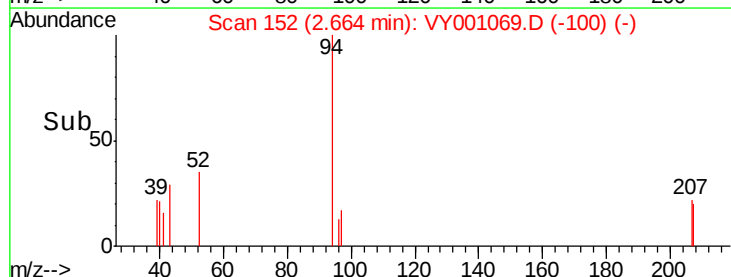
200

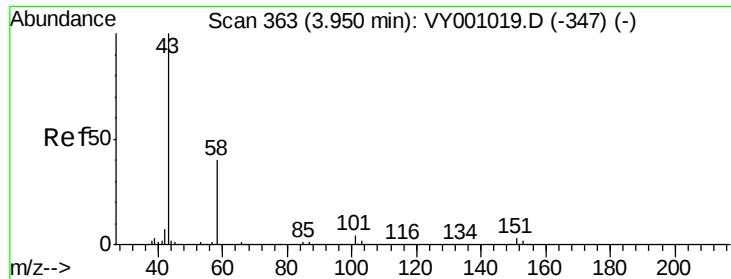
100

0

2.60 2.65 2.70

Time-->





#16

Acetone

Concen: 42.345 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001069.D

Acq: 26 Dec 2019 14:08

Instrument :

MSVOA_Y

ClientSampleId :

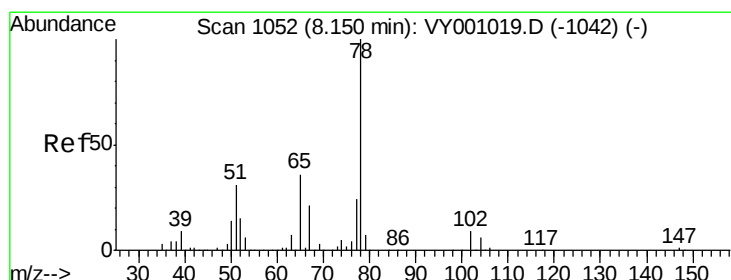
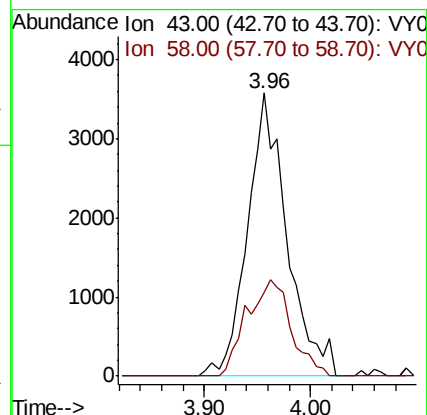
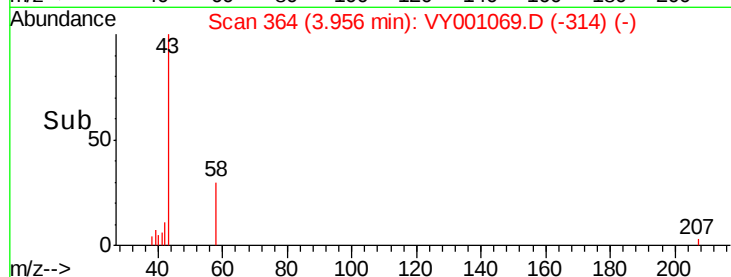
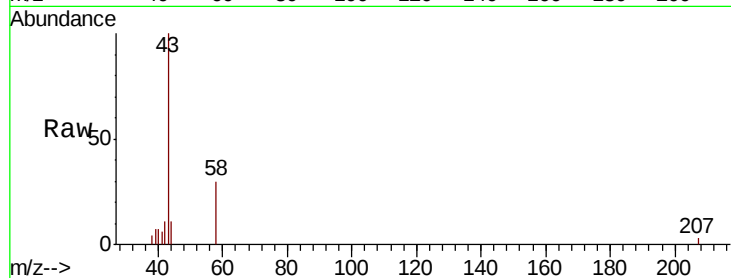
SB-3-(0-2)

Tot Ion: 43 Resp: 9287

Ion Ratio Lower Upper

43 100

58 29.8 32.1 48.1#



#33

1,2-Dichloroethane-d4

Concen: 46.571 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001069.D

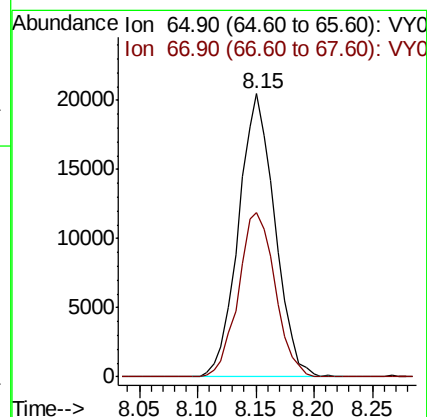
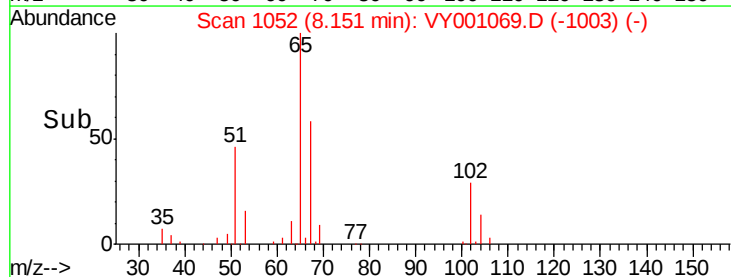
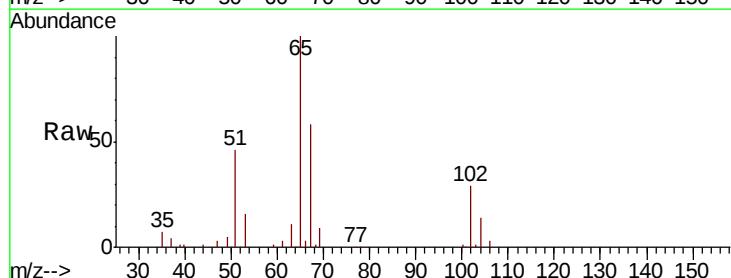
Acq: 26 Dec 2019 14:08

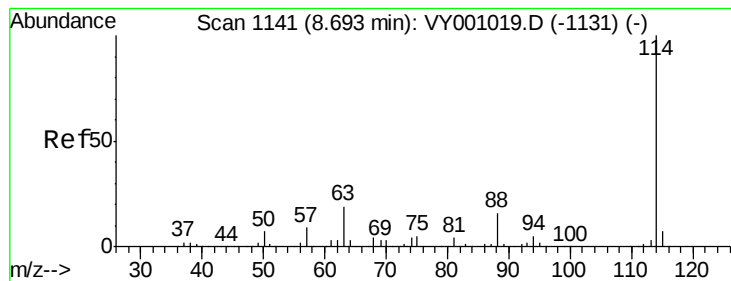
Tgt Ion: 65 Resp: 44336

Ion Ratio Lower Upper

65 100

67 58.8 0.0 112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001069.D

Acq: 26 Dec 2019 14:08

Instrument :

MSVOA_Y

ClientSampleId :

SB-3-(0-2)

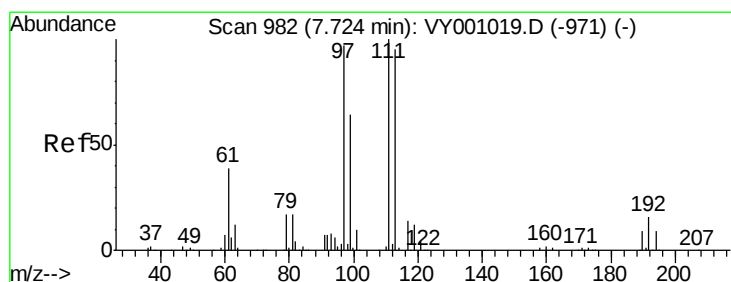
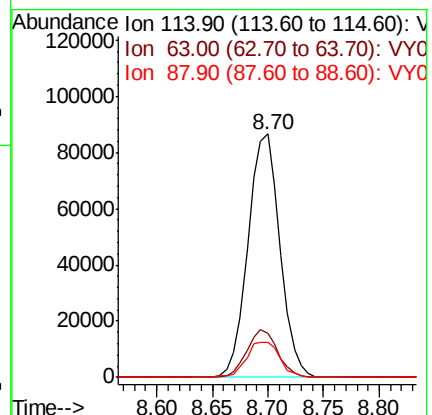
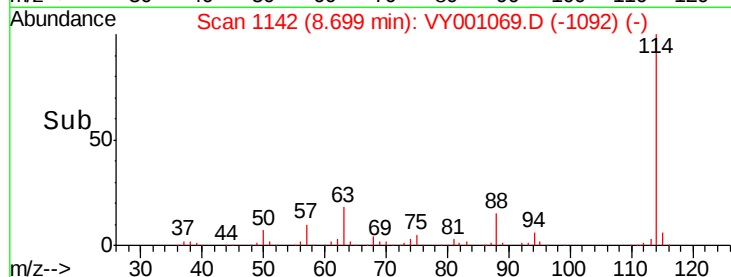
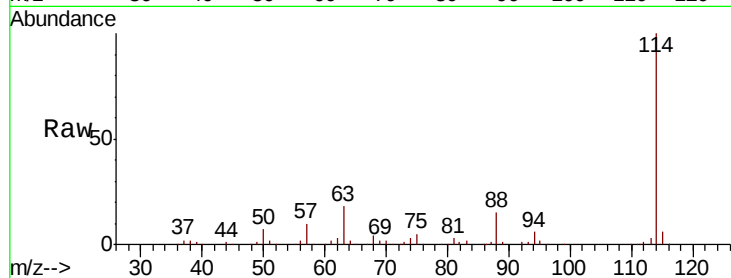
Tot Ion:114 Resp: 172520

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.0

88 14.6 0.0 32.0



#35

Dibromofluoromethane

Concen: 46.430 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001069.D

Acq: 26 Dec 2019 14:08

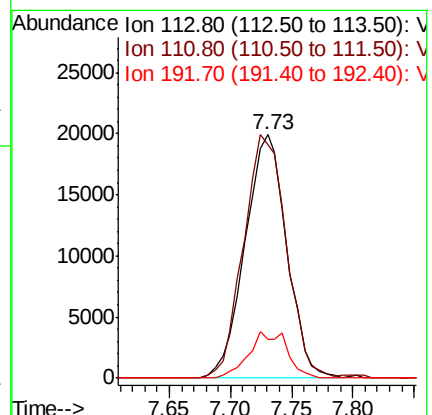
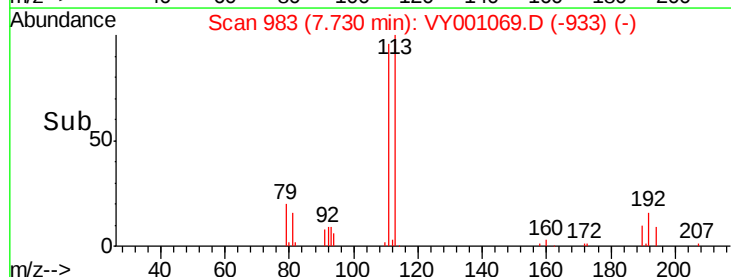
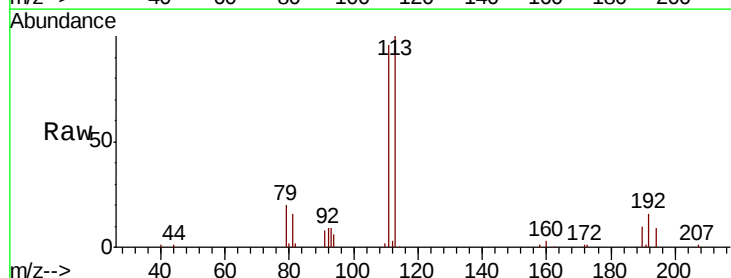
Tgt Ion:113 Resp: 47168

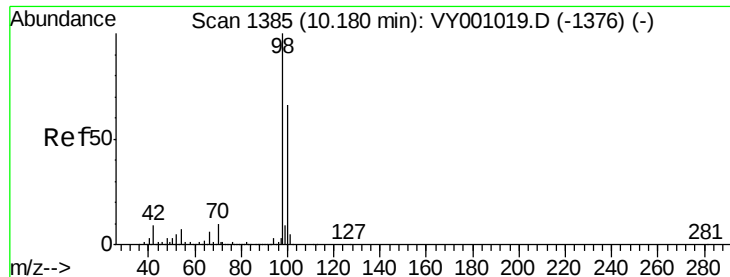
Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.4

192 17.5 14.6 21.8





#50

Toluene-d8

Concen: 49.830 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001069.D

Acq: 26 Dec 2019 14:08

Instrument :

MSVOA_Y

ClientSampleId :

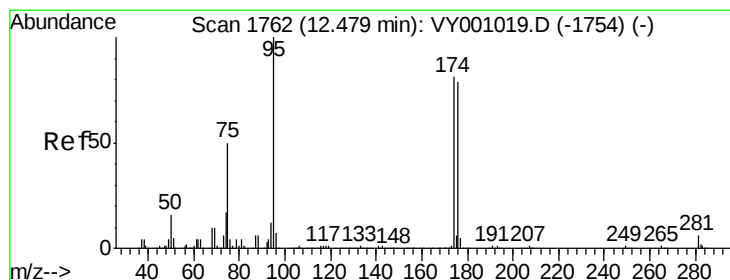
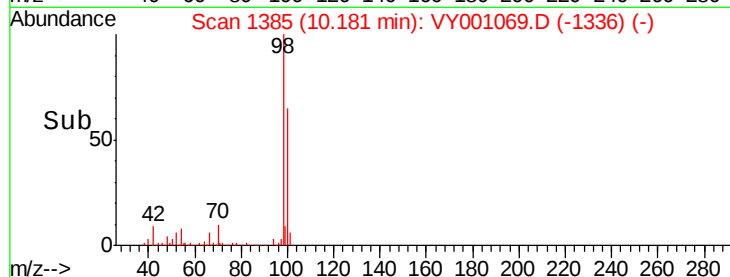
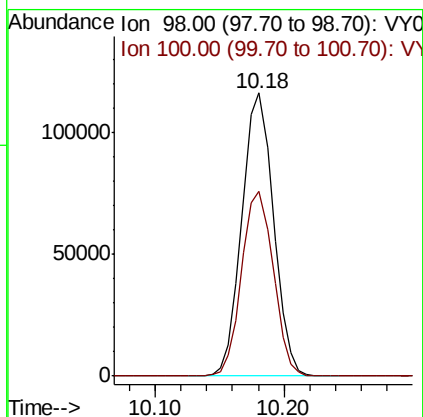
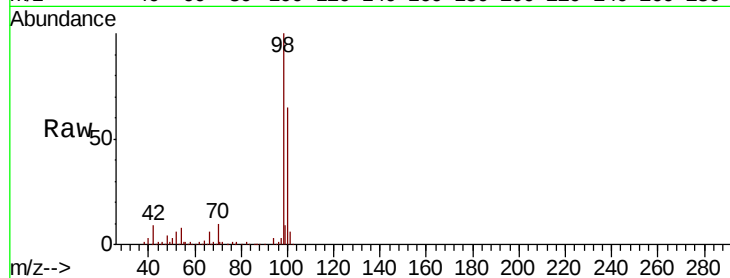
SB-3-(0-2)

Tot Ion: 98 Resp: 197831

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 41.400 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001069.D

Acq: 26 Dec 2019 14:08

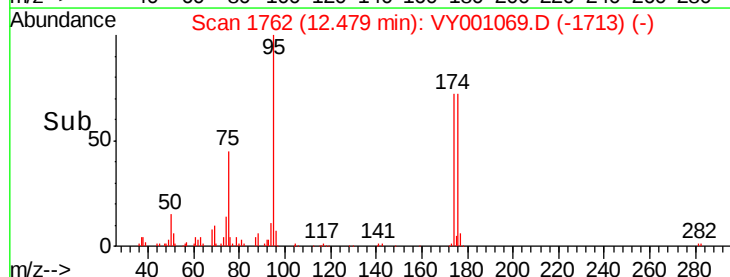
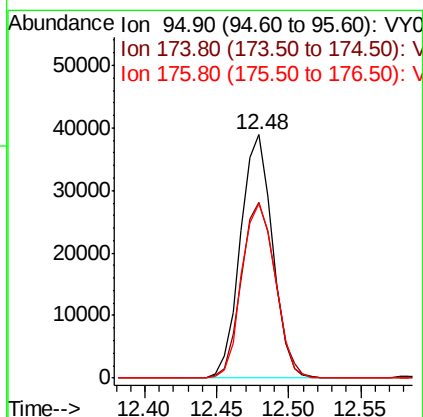
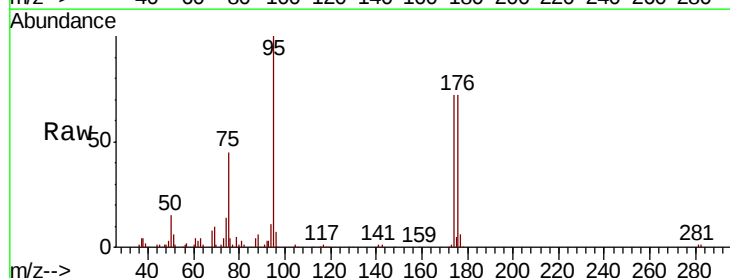
Tgt Ion: 95 Resp: 60093

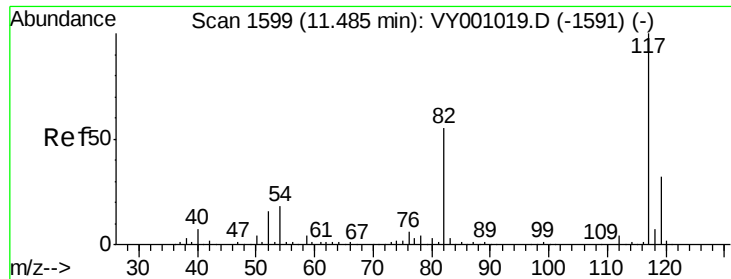
Ion Ratio Lower Upper

95 100

174 76.2 0.0 156.4

176 75.1 0.0 155.0

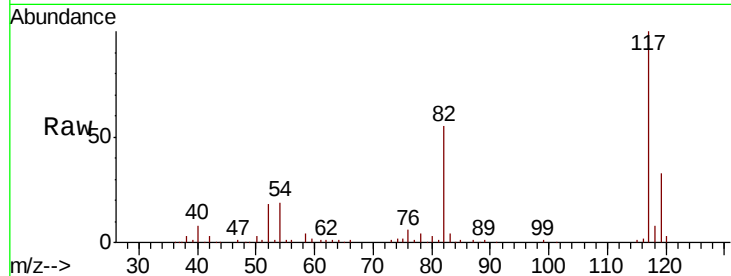




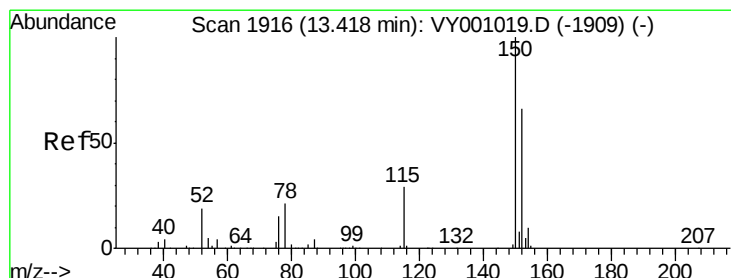
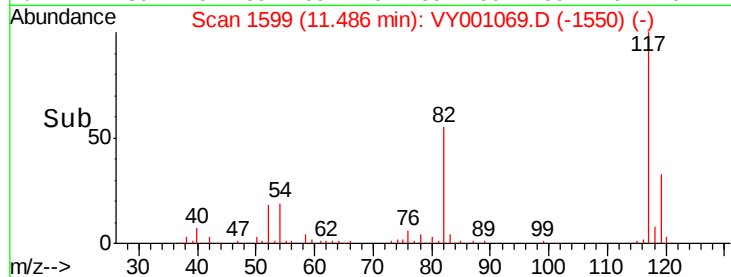
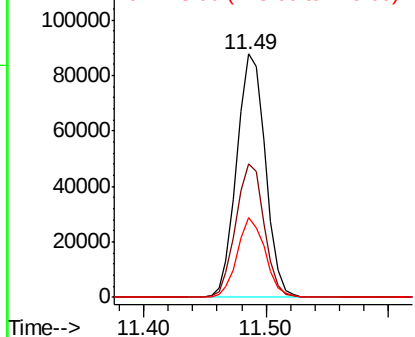
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001069.D
Acq: 26 Dec 2019 14:08

Instrument :
MSVOA_Y
ClientSampleId :
SB-3-(0-2)

Tot Ion:117 Resp: 142337
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 32.9 25.8 38.6

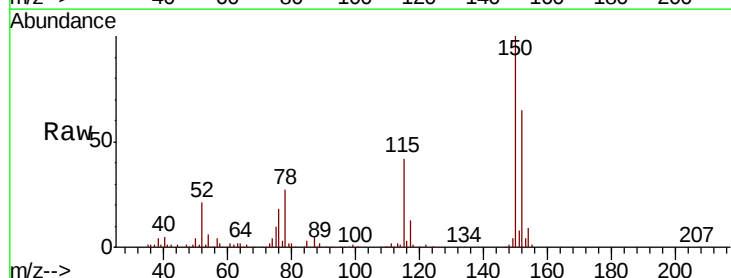


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VY001069.D
Acq: 26 Dec 2019 14:08

Tgt Ion:152 Resp: 58715
Ion Ratio Lower Upper
152 100
115 61.3 29.8 89.3
150 160.4 0.0 352.6



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

