

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122419\
 Data File : VY001059.D
 Acq On : 24 Dec 2019 19:21
 Operator : SY/MD
 Sample : K6414-06
 Misc : 7.22G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K183-SB-06

Quant Time: Dec 26 08:49:13 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

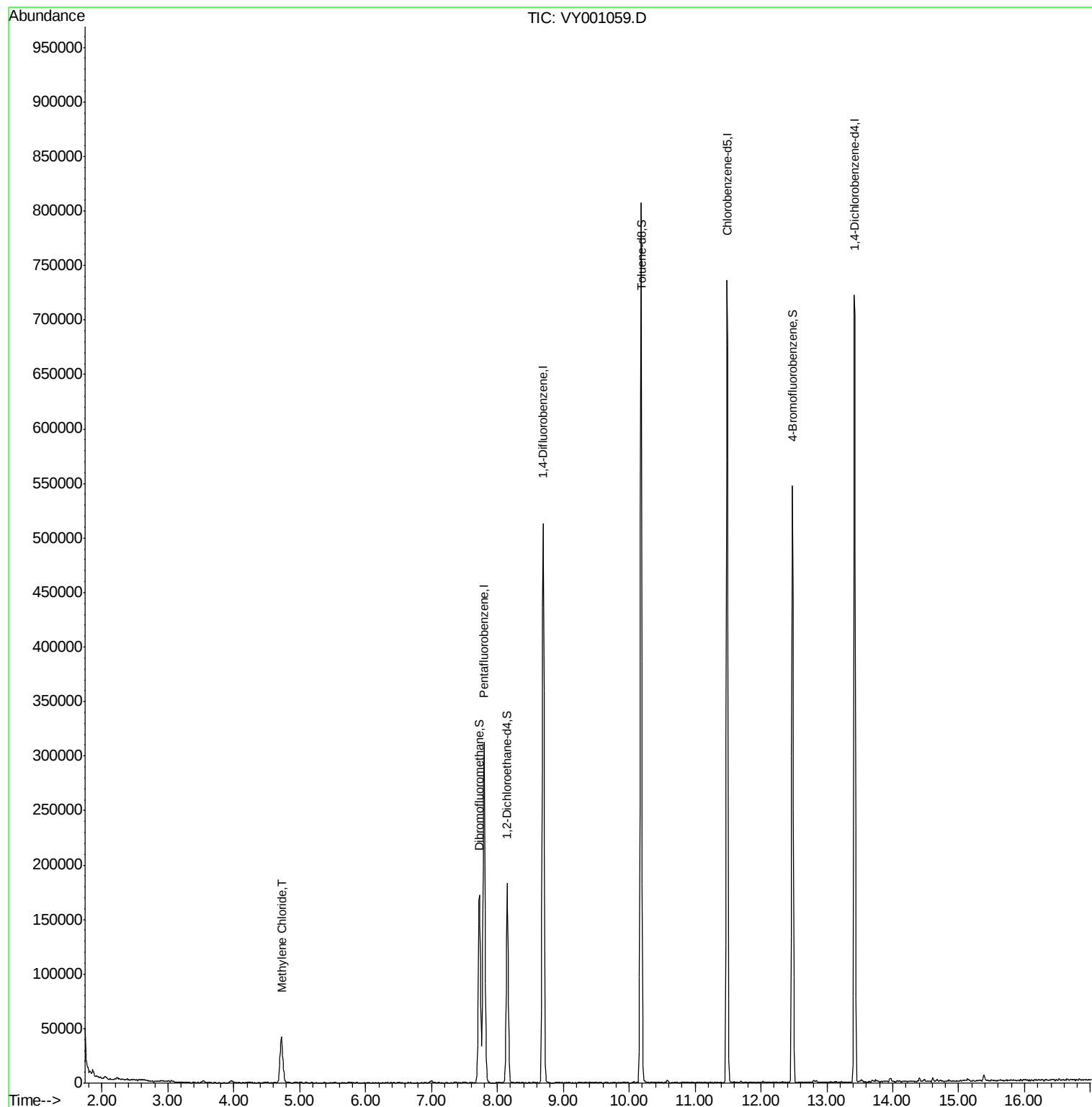
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	239760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	448171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	405313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	181610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	128510	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
35) Dibromofluoromethane	7.73	113	124790	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	10.18	98	531184	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.48	95	176231	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
Target Compounds						
20) Methylene Chloride	4.72	84	33149	10.338	ug/l	Qvalue 96

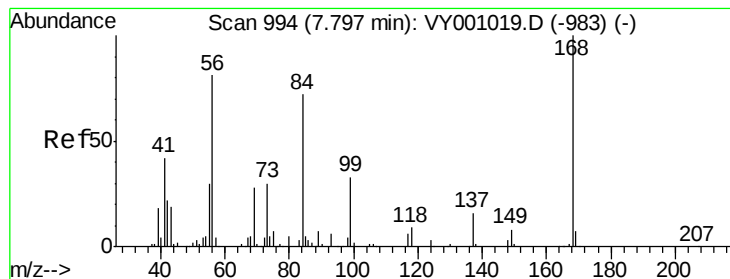
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY122419\
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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: VY001059.D

Acq: 24 Dec 2019 19:21

Instrument :

MSVOA_Y

ClientSampleId :

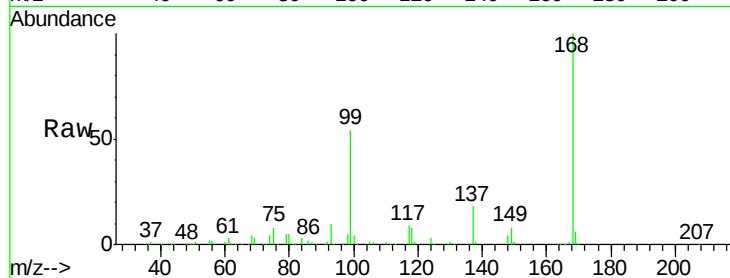
K183-SB-06

Tot Ion:168 Resp: 239760

Ion Ratio Lower Upper

168 100

99 53.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

120000

100000

80000

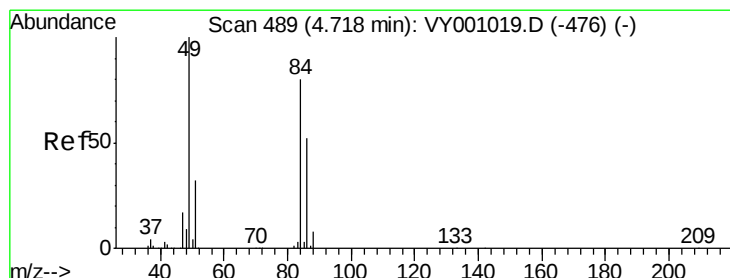
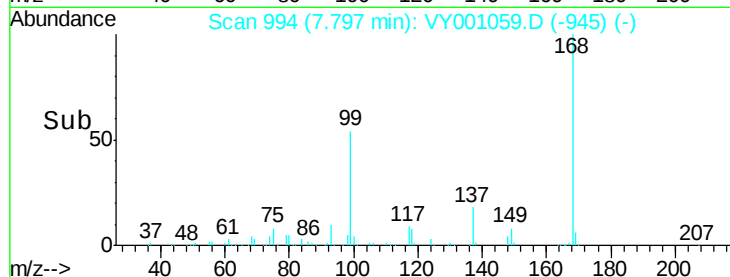
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 10.338 ug/l

RT: 4.72 min Scan# 489

Delta R.T. 0.00 min

Lab File: VY001059.D

Acq: 24 Dec 2019 19:21

Tgt Ion: 84 Resp: 33149

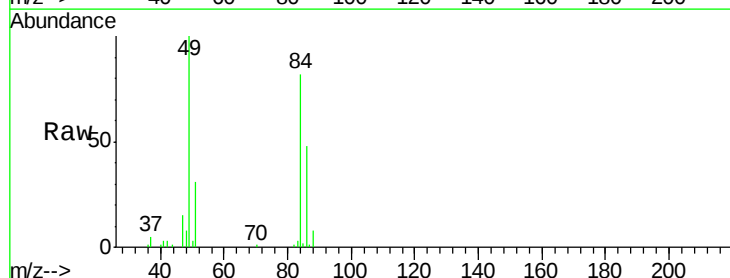
Ion Ratio Lower Upper

84 100

49 121.9 99.8 149.6

51 37.6 31.4 47.2

86 58.6 52.2 78.2



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

20000

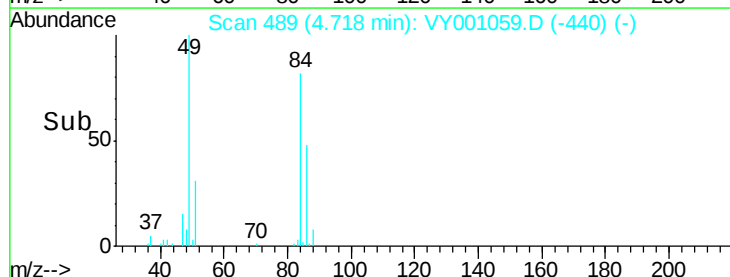
15000

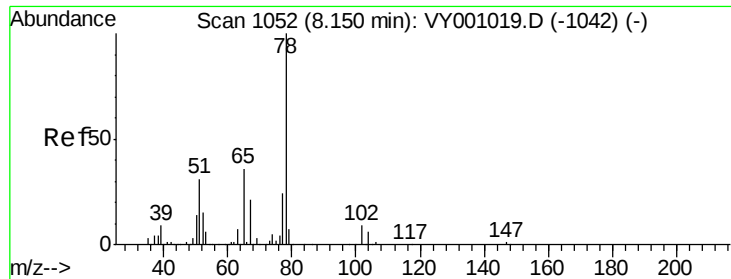
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.345 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001059.D

Acq: 24 Dec 2019 19:21

Instrument :

MSVOA_Y

ClientSampleId :

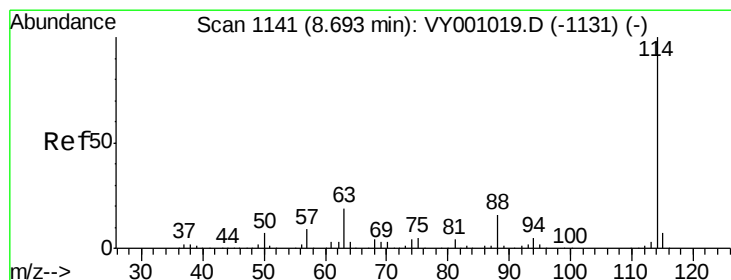
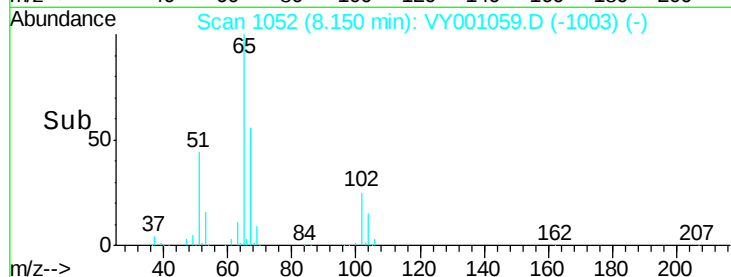
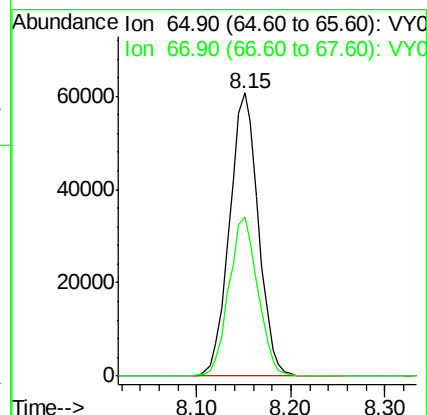
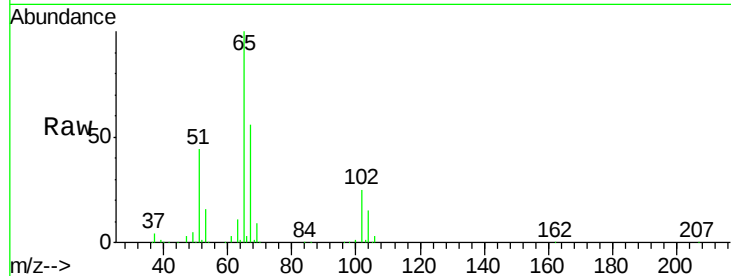
K183-SB-06

Tot Ion: 65 Resp: 128510

Ion Ratio Lower Upper

65 100

67 56.7 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001059.D

Acq: 24 Dec 2019 19:21

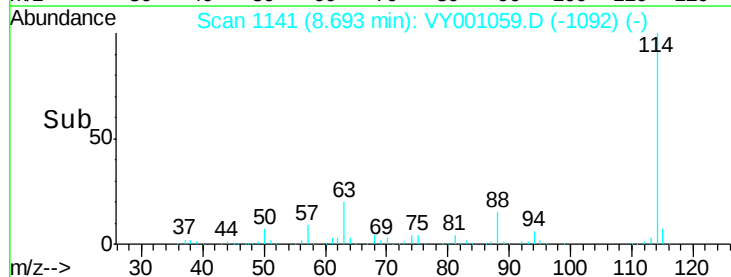
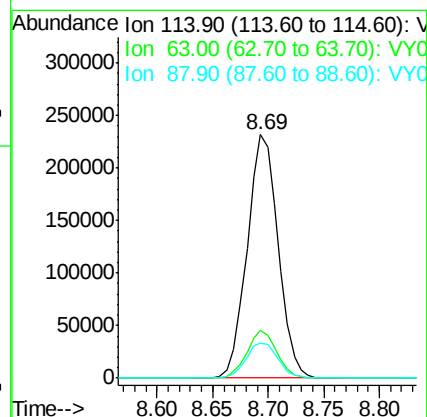
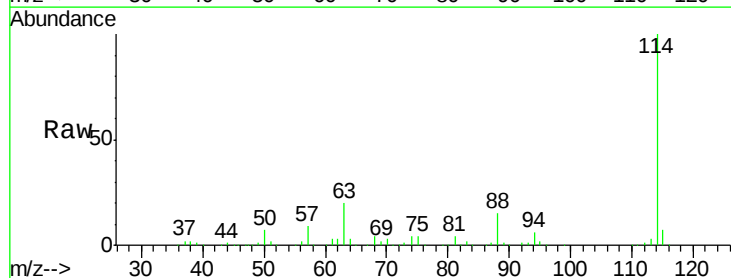
Tgt Ion: 114 Resp: 448171

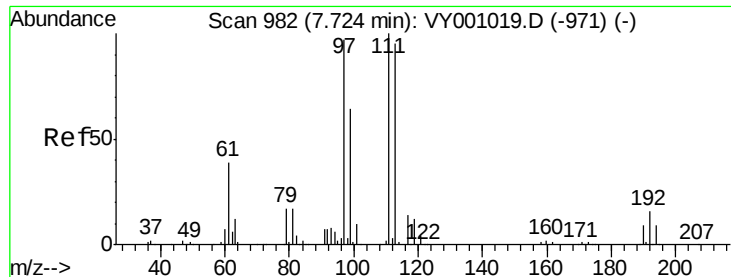
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.0

88 14.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 47.285 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001059.D

Acq: 24 Dec 2019 19:21

Instrument :

MSVOA_Y

ClientSampleId :

K183-SB-06

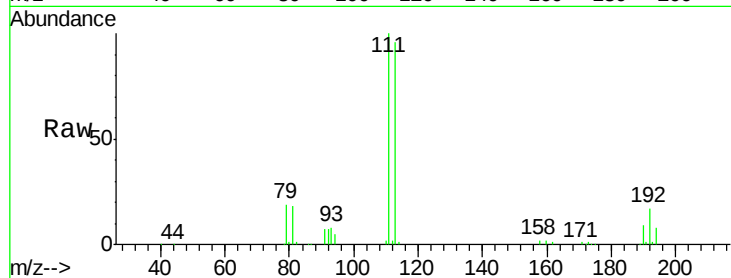
Tot Ion:113 Resp: 124790

Ion Ratio Lower Upper

113 100

111 105.7 83.0 124.4

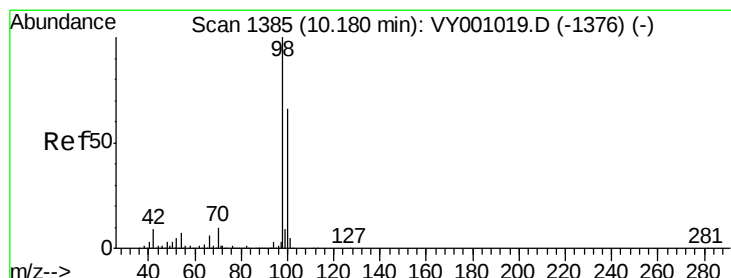
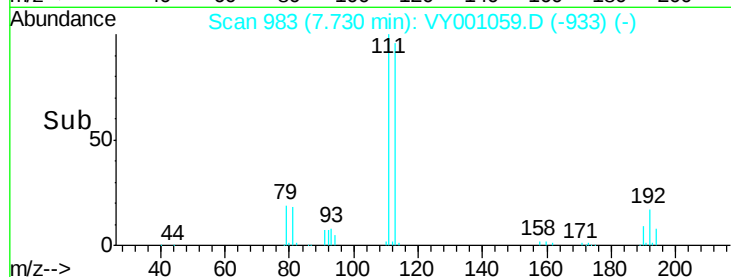
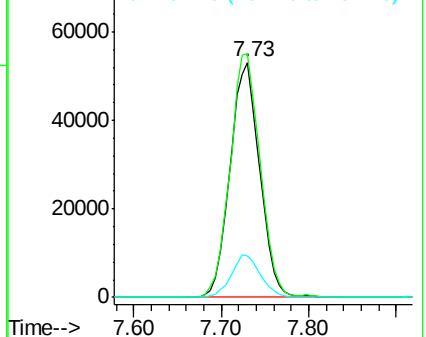
192 18.0 14.6 21.8



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: 51.504 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001059.D

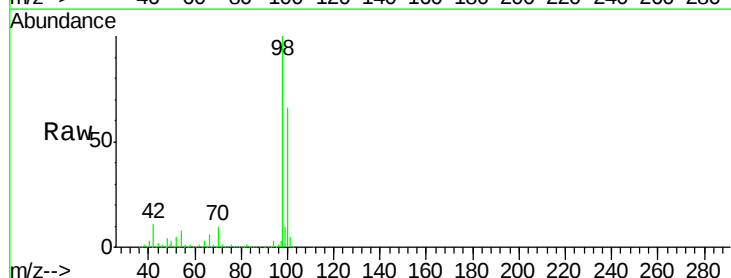
Acq: 24 Dec 2019 19:21

Tgt Ion: 98 Resp: 531184

Ion Ratio Lower Upper

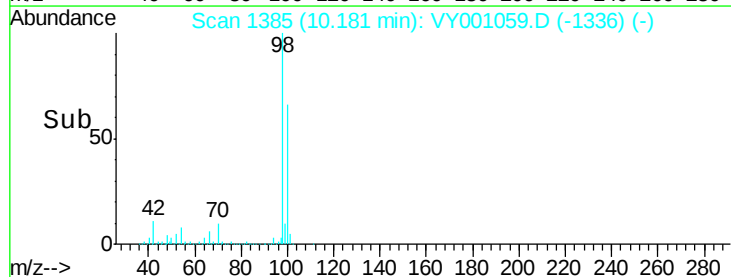
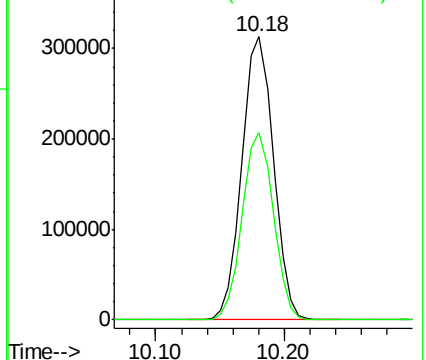
98 100

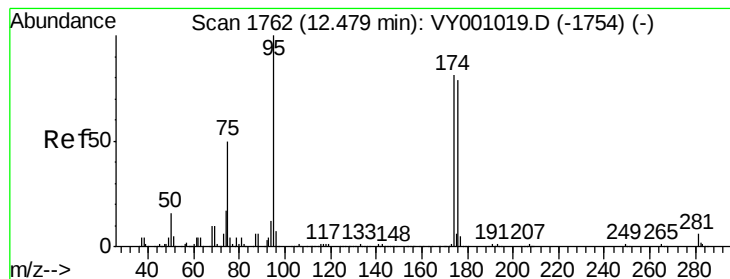
100 65.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 46.736 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001059.D

Acq: 24 Dec 2019 19:21

Instrument :

MSVOA_Y

ClientSampleId :

K183-SB-06

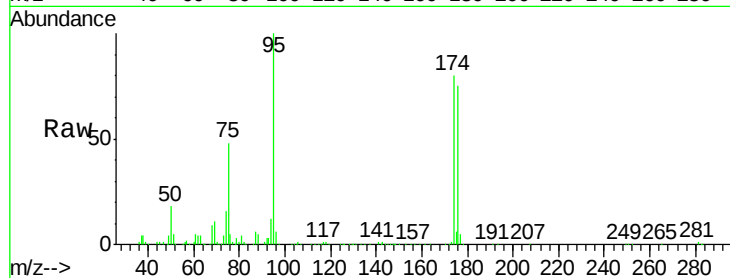
Tot Ion: 95 Resp: 176231

Ion Ratio Lower Upper

95 100

174 78.1 0.0 156.4

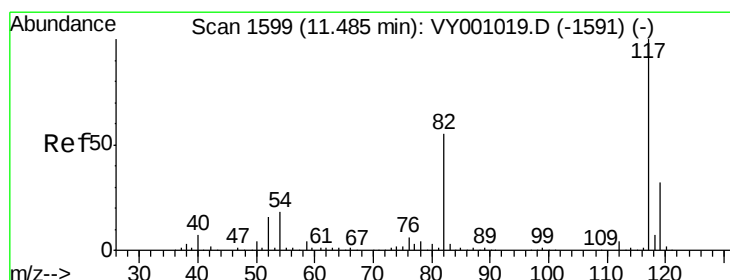
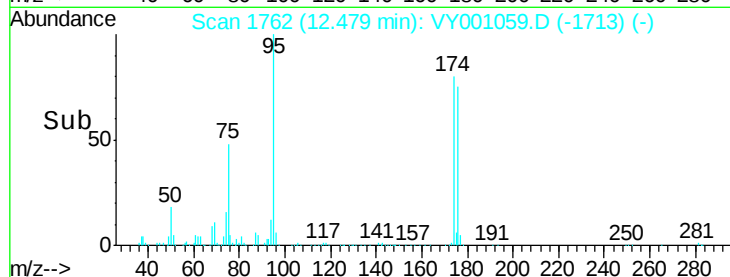
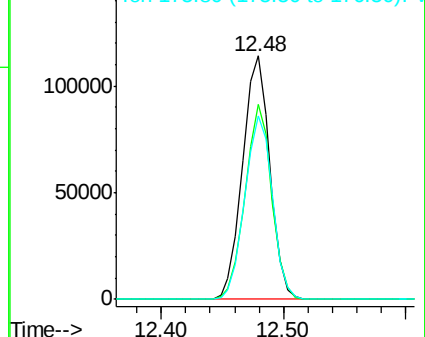
176 76.0 0.0 155.0



Abundance Ion 94.90 (94.60 to 95.60): VY001019.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY001019.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY001019.D (-1754) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VY001059.D

Acq: 24 Dec 2019 19:21

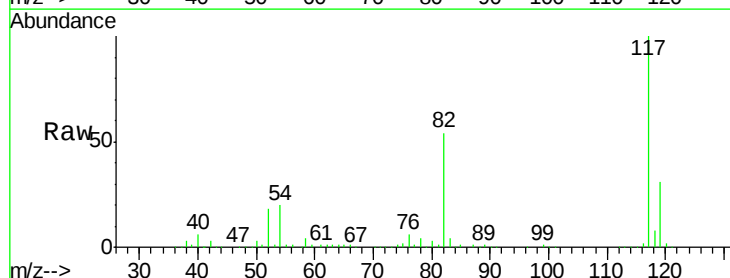
Tgt Ion: 117 Resp: 405313

Ion Ratio Lower Upper

117 100

82 54.2 43.8 65.8

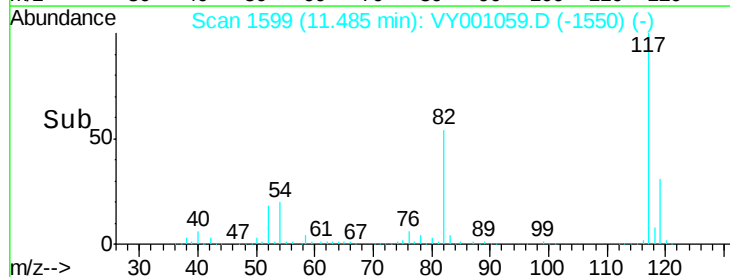
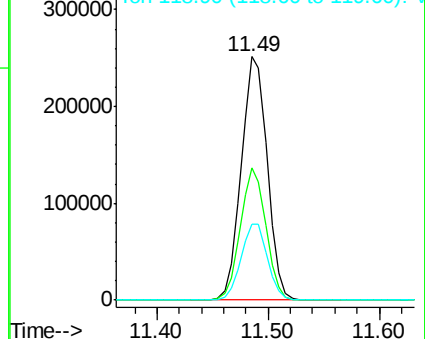
119 31.2 25.8 38.6

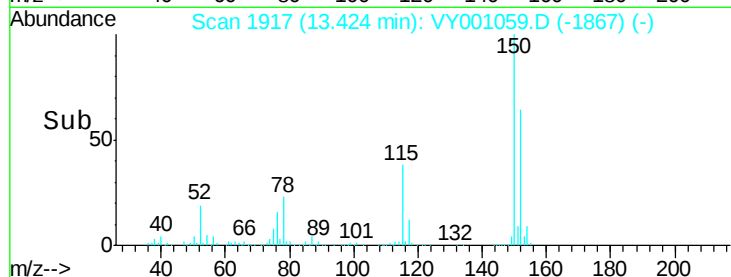
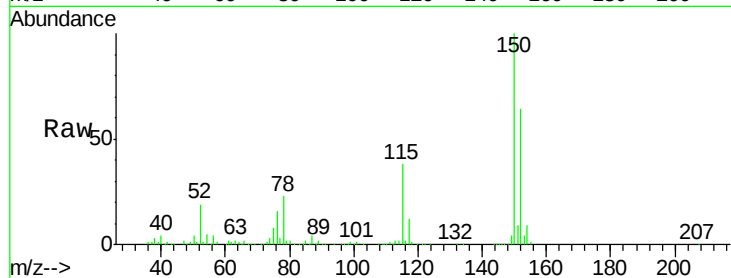
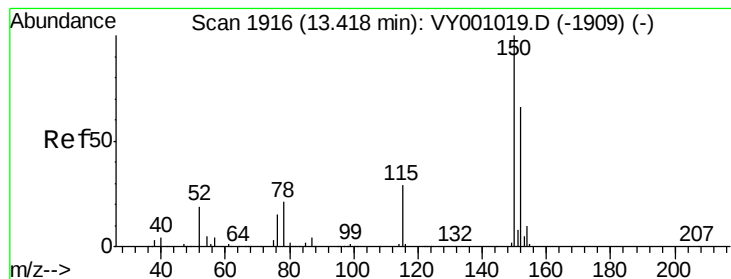


Abundance Ion 116.90 (116.60 to 117.60): VY001019.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY001019.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY001019.D (-1591) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.01 min

Lab File: VY001059.D

Acq: 24 Dec 2019 19:21

Instrument :

MSVOA_Y

ClientSampleId :

K183-SB-06

Tot Ion:152 Resp: 181610

Ion Ratio Lower Upper

152 100

115 60.8 29.8 89.3

150 158.2 0.0 352.6

