

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122419\
 Data File : VY001040.D
 Acq On : 24 Dec 2019 12:20
 Operator : SY/MD
 Sample : K6396-03
 Misc : 5.75G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)

Quant Time: Dec 25 03:48:24 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

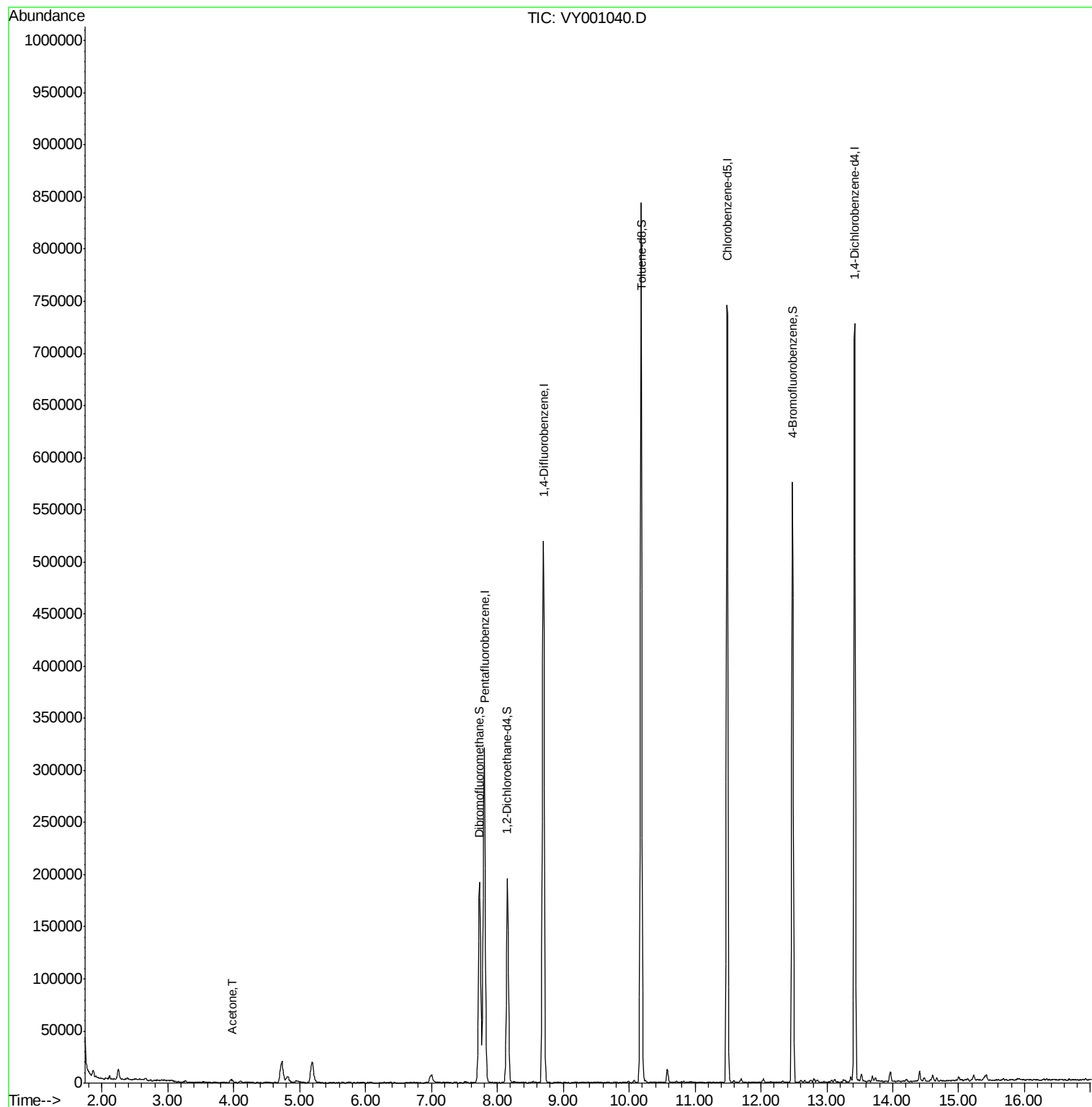
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Pentafluorobenzene	7.80	168	253649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	467601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	418304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	182588	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	139931	55.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.86%	
35) Dibromofluoromethane	7.73	113	138102	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
50) Toluene-d8	10.18	98	559937	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.48	95	181401	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
Target Compounds						Qvalue
16) Acetone	3.97	43	5382	9.339	ug/l #	70
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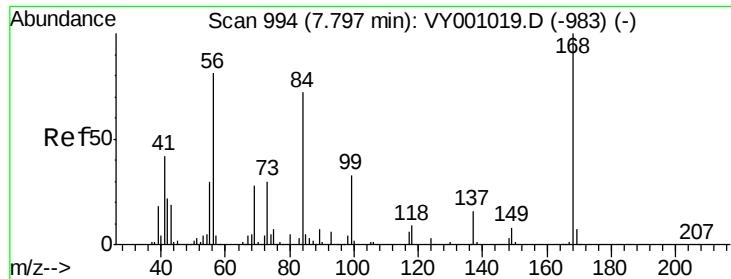
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001040.D

Acq: 24 Dec 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

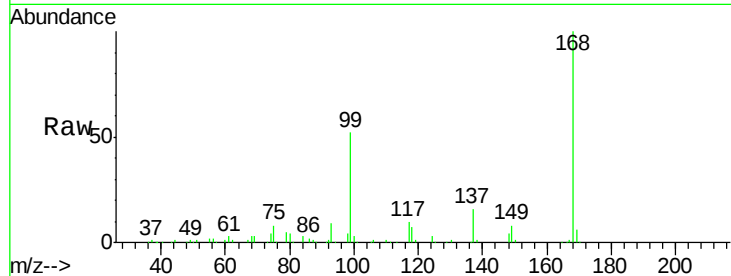
SB-2-(4-5)

Tot Ion:168 Resp: 253649

Ion Ratio Lower Upper

168 100

99 51.8 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) (-)

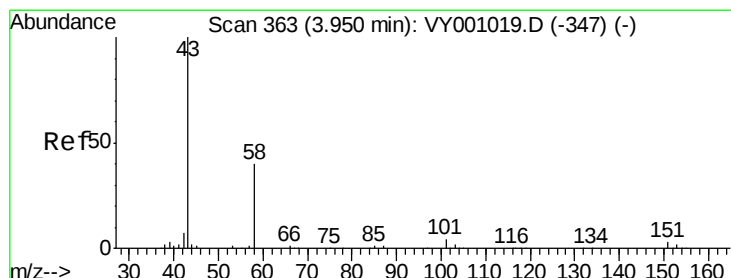
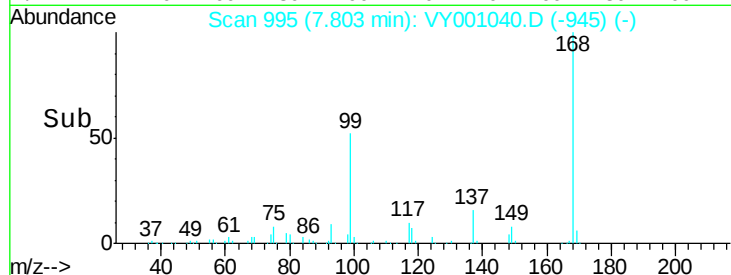
7.80

100000

50000

0

Time-->



#16

Acetone

Concen: 9.339 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001040.D

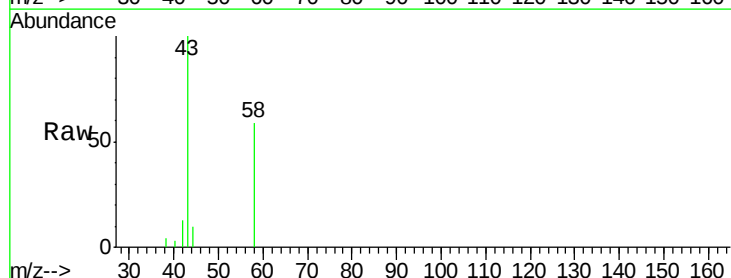
Acq: 24 Dec 2019 12:20

Tgt Ion: 43 Resp: 5382

Ion Ratio Lower Upper

43 100

58 58.6 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)

3.97

2000

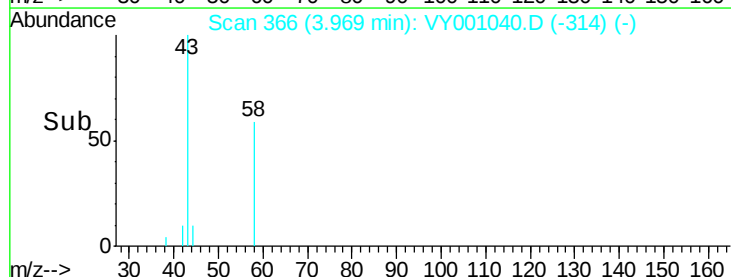
1500

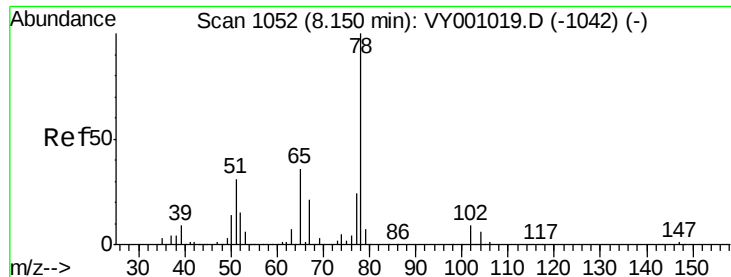
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 55.935 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY001040.D

Acq: 24 Dec 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

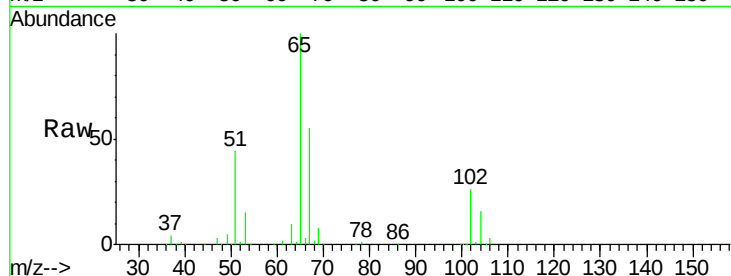
SB-2-(4-5)

Tot Ion: 65 Resp: 139931

Ion Ratio Lower Upper

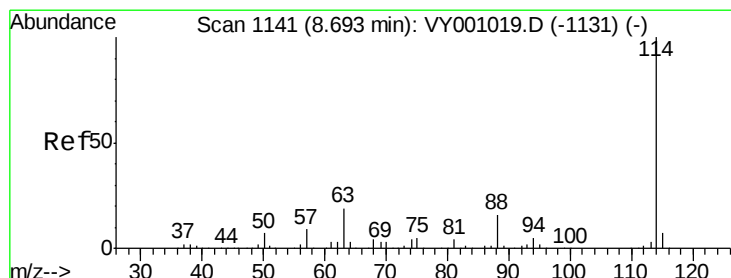
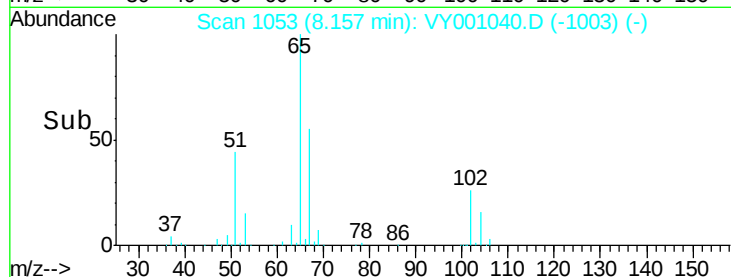
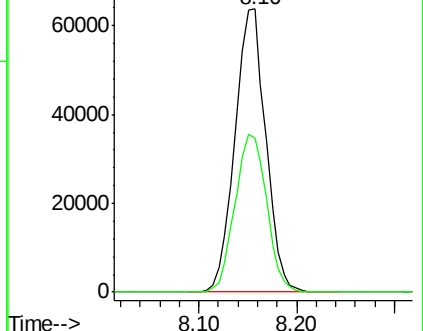
65 100

67 57.0 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY001040.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY001040.D (-1042) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001040.D

Acq: 24 Dec 2019 12:20

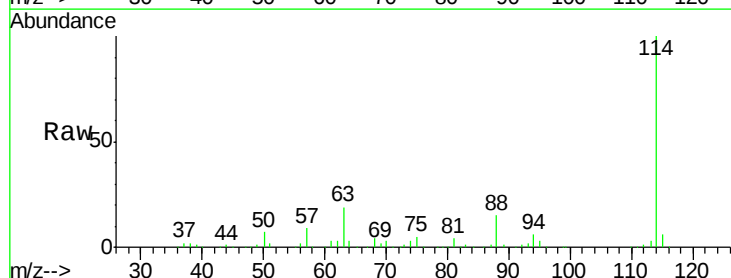
Tgt Ion: 114 Resp: 467601

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.0

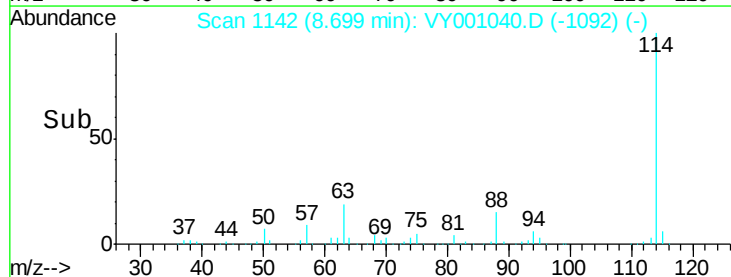
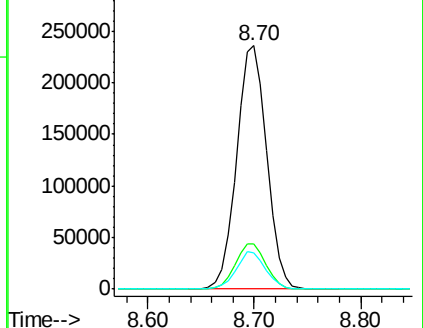
88 14.7 0.0 32.0

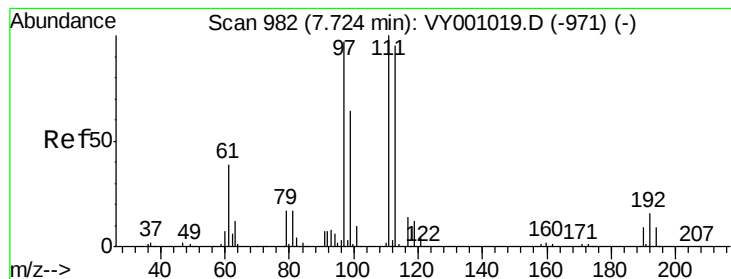


Abundance Ion 113.90 (113.60 to 114.60): VY001040.D (-1092) (-)

Ion 63.00 (62.70 to 63.70): VY001040.D (-1092) (-)

Ion 87.90 (87.60 to 88.60): VY001040.D (-1092) (-)





#35

Dibromofluoromethane

Concen: 50.155 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001040.D

Acq: 24 Dec 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)

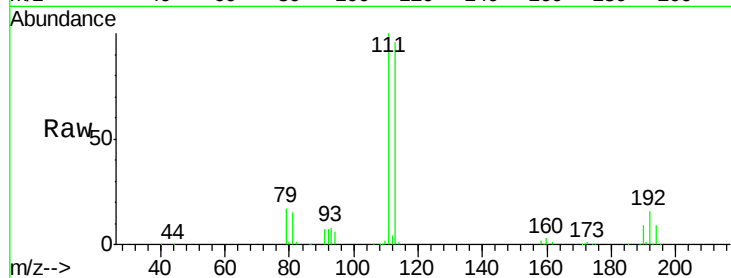
Tot Ion:113 Resp: 138102

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.4

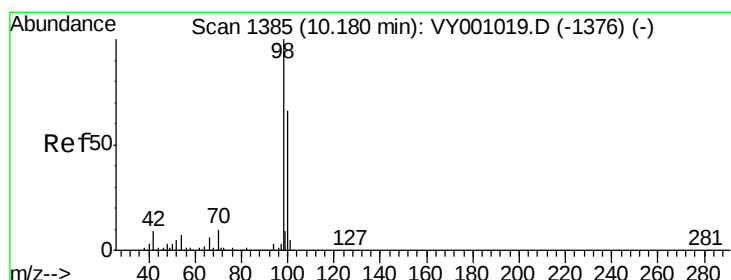
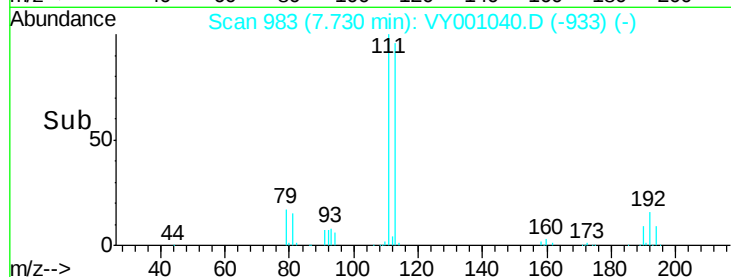
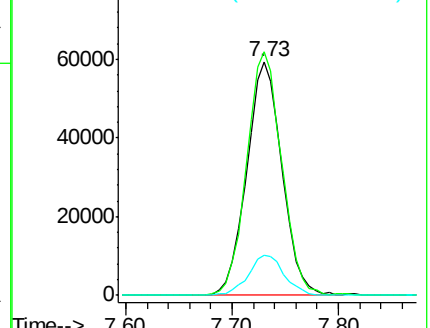
192 17.4 14.6 21.8



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: 52.036 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001040.D

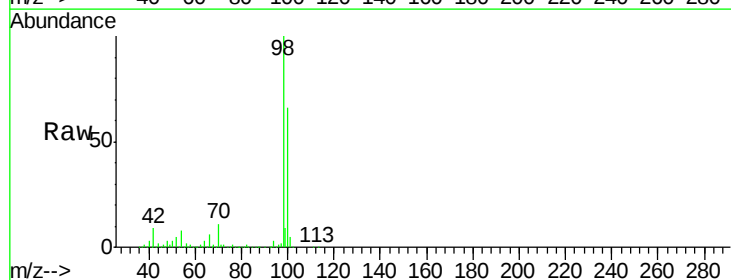
Acq: 24 Dec 2019 12:20

Tgt Ion: 98 Resp: 559937

Ion Ratio Lower Upper

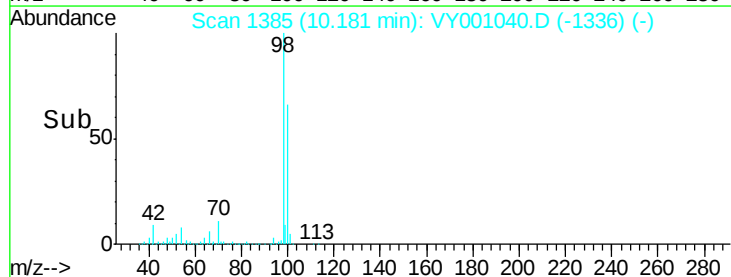
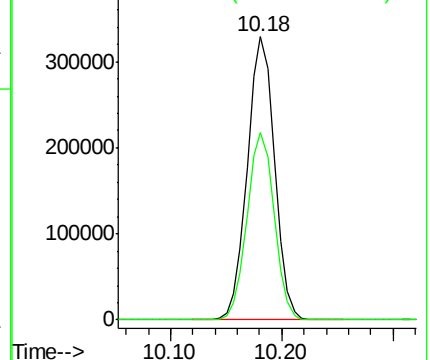
98 100

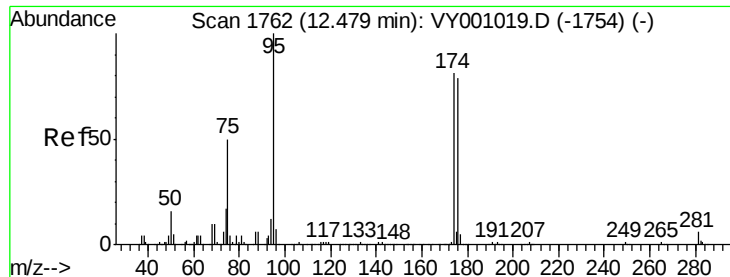
100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 46.108 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001040.D

Acq: 24 Dec 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)

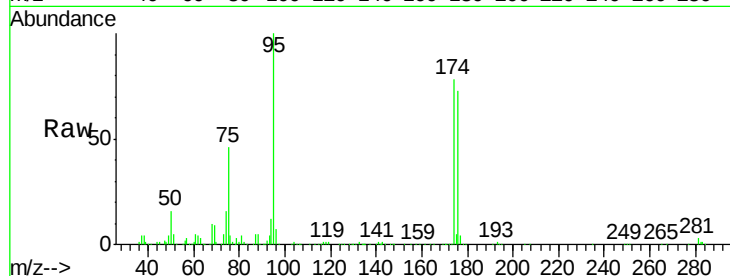
Tot Ion: 95 Resp: 181401

Ion Ratio Lower Upper

95 100

174 79.5 0.0 156.4

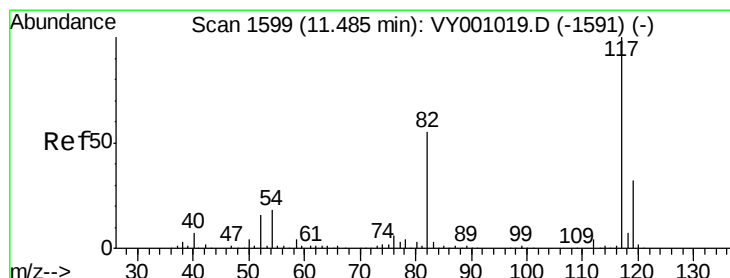
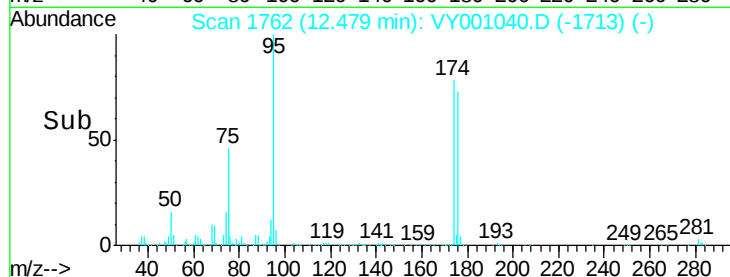
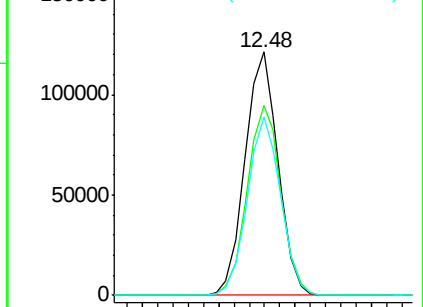
176 74.1 0.0 155.0



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# 1600

Delta R.T. 0.01 min

Lab File: VY001040.D

Acq: 24 Dec 2019 12:20

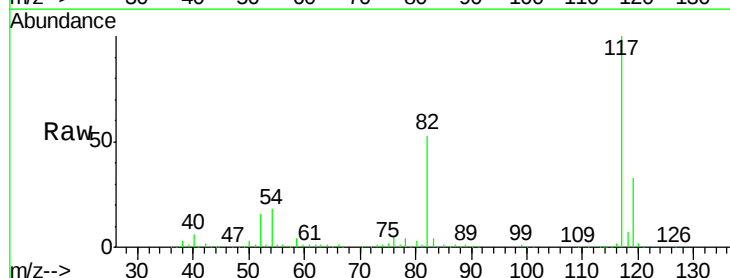
Tgt Ion: 117 Resp: 418304

Ion Ratio Lower Upper

117 100

82 53.0 43.8 65.8

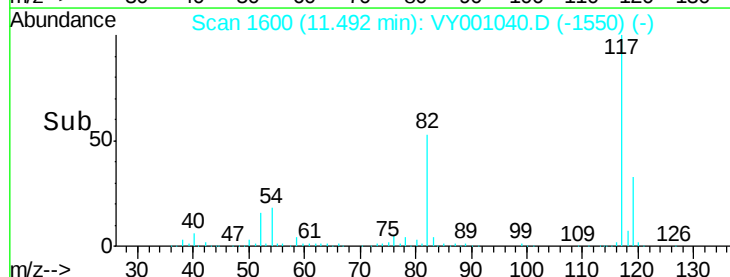
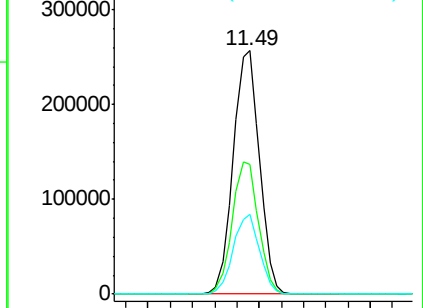
119 32.8 25.8 38.6

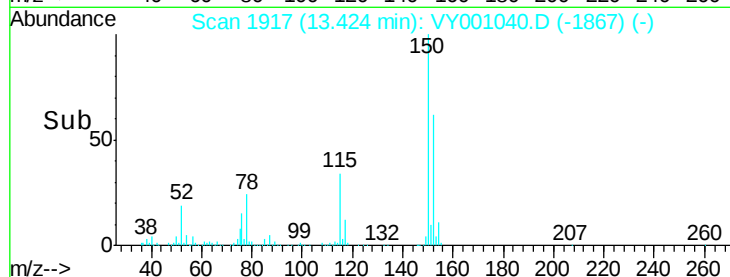
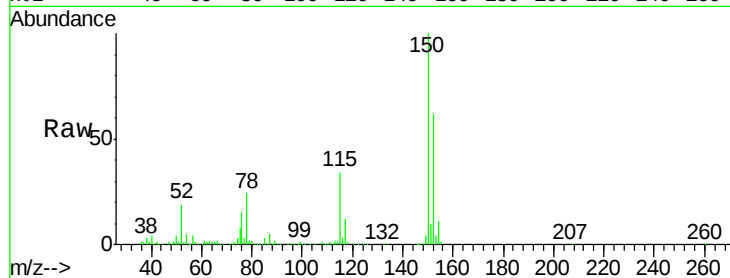
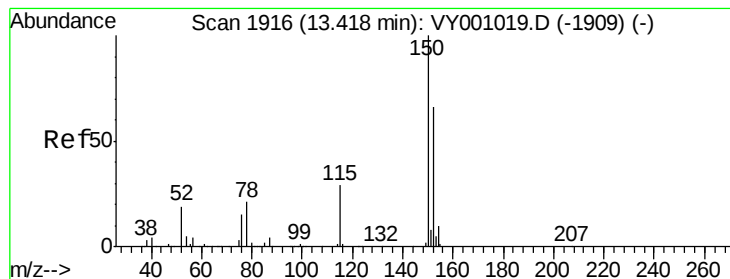


Abundance Ion 116.90 (116.60 to 117.60): VY001019.D (-1591) (-)

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: VY001040.D

Acq: 24 Dec 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)

Tot Ion:152 Resp: 182588

Ion Ratio Lower Upper

152 100

115 59.5 29.8 89.3

150 159.4 0.0 352.6

