

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003571.D
 Acq On : 20 Nov 2020 16:33
 Operator : SY/MD
 Sample : L4836-03
 Misc : 6.69G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03

Quant Time: Nov 21 02:35:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	100500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	222603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	209893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	96657	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	75172	72.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.08%
35) Dibromofluoromethane	7.72	113	76642	52.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.76%
50) Toluene-d8	10.18	98	273367	48.04	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.08%
62) 4-Bromofluorobenzene	12.48	95	85983	47.62	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.24%

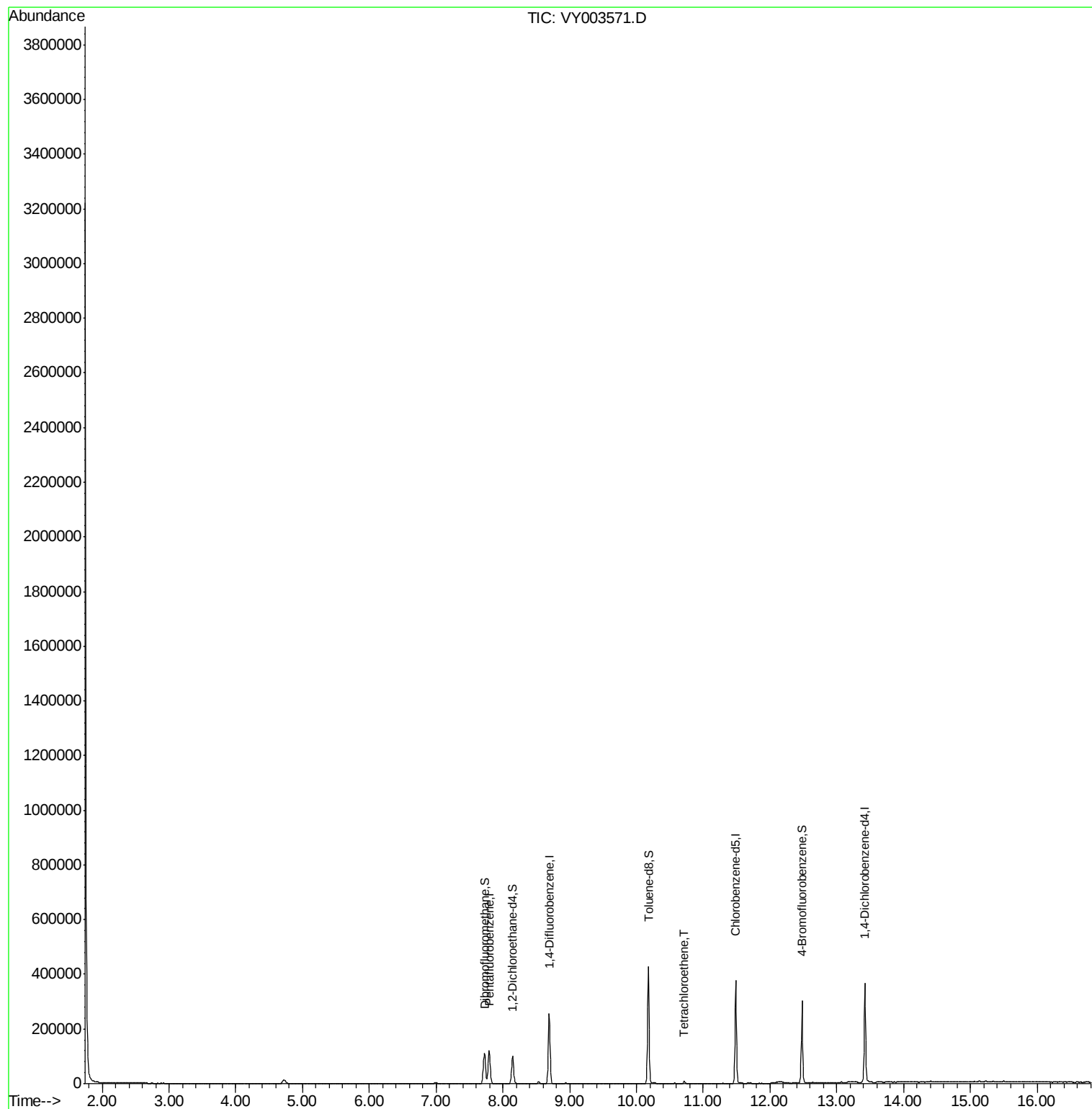
Target Compounds					Qvalue
64) Tetrachloroethene	10.72	164	1844	1.176 ug/l	90

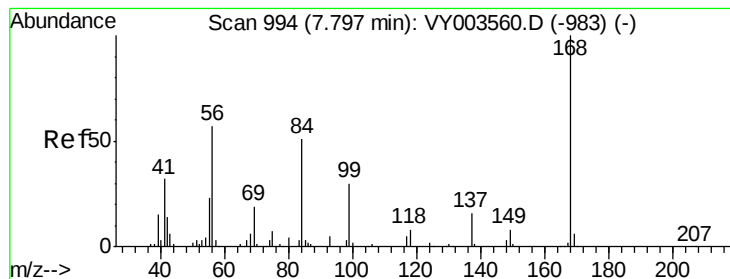
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003571.D

Acq: 20 Nov 2020 16:33

Instrument :

MSVOA_Y

ClientSampled :

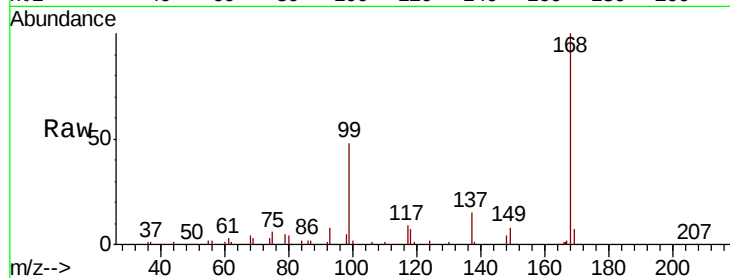
SB-03

Tot Ion:168 Resp: 100500

Ion Ratio Lower Upper

168 100

99 47.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003560.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003560.D (-983) (-)

7.80

40000

30000

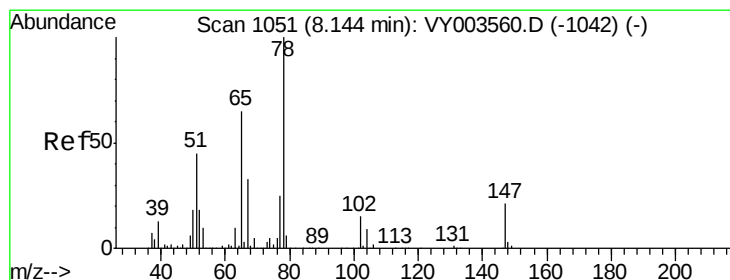
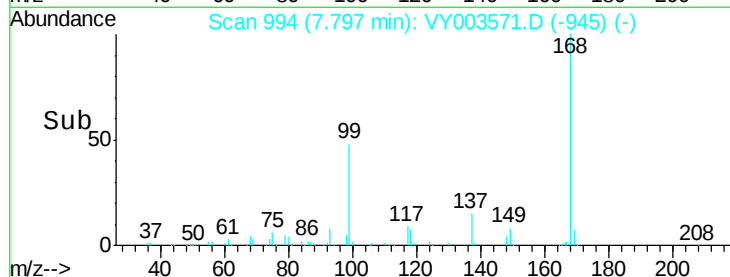
20000

10000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 72.037 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003571.D

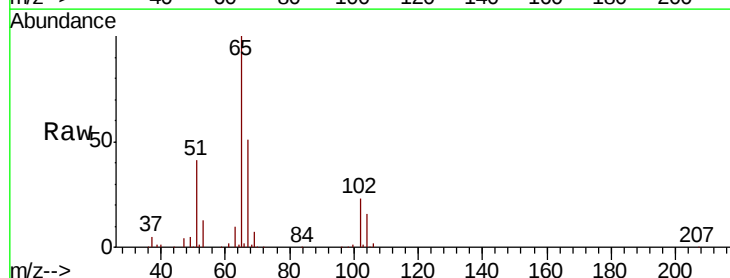
Acq: 20 Nov 2020 16:33

Tgt Ion: 65 Resp: 75172

Ion Ratio Lower Upper

65 100

67 53.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VY003560.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY003560.D (-1042) (-)

8.14

40000

30000

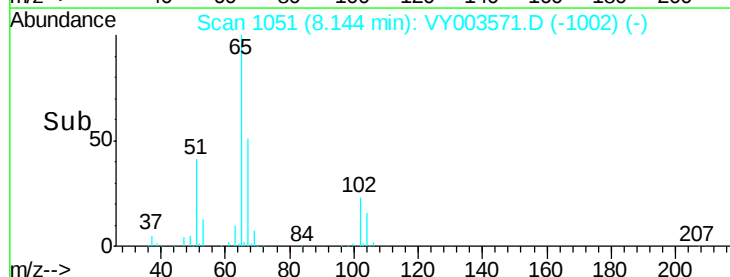
20000

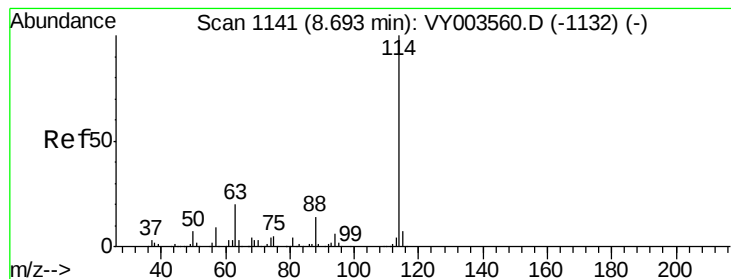
10000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003571.D

Acq: 20 Nov 2020 16:33

Instrument :

MSVOA_Y

ClientSampled :

SB-03

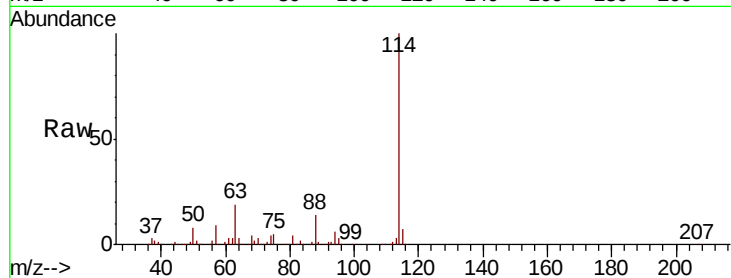
Tot Ion:114 Resp: 222603

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.8

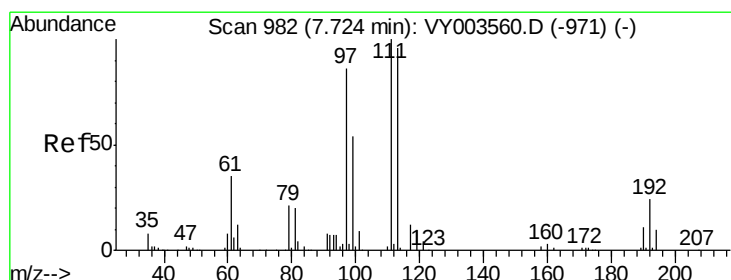
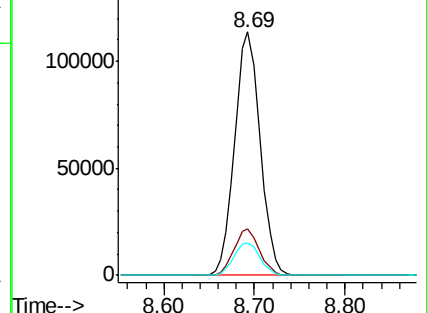
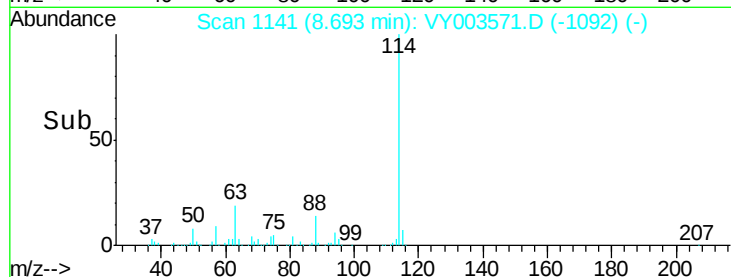
88 13.5 0.0 29.0



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: 52.378 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003571.D

Acq: 20 Nov 2020 16:33

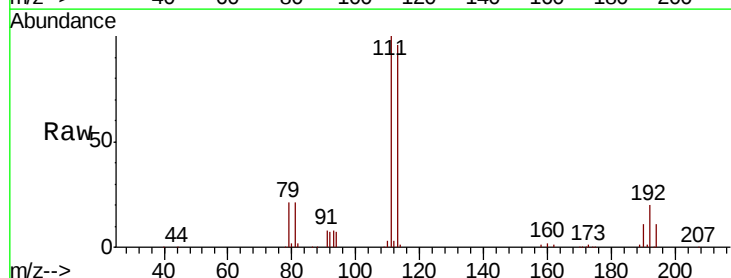
Tgt Ion:113 Resp: 76642

Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

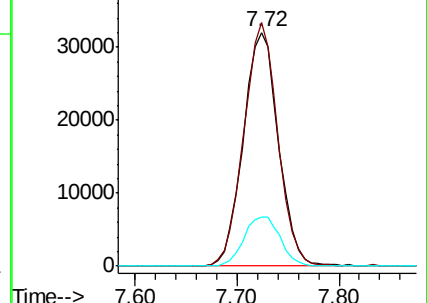
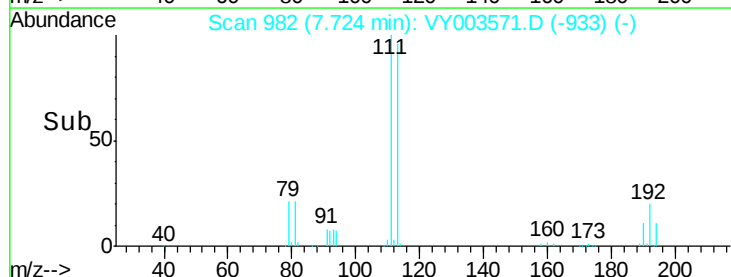
192 21.7 18.1 27.1

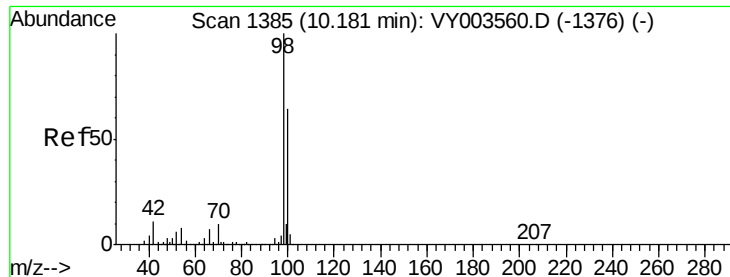


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.044 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003571.D

Acq: 20 Nov 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

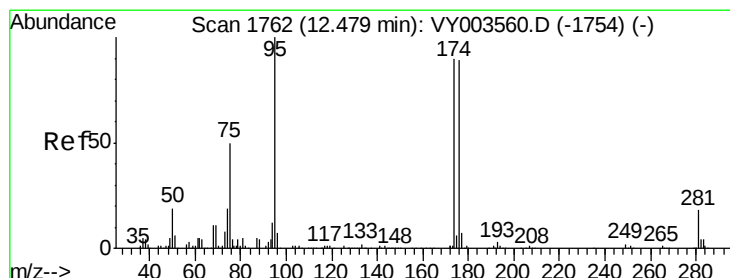
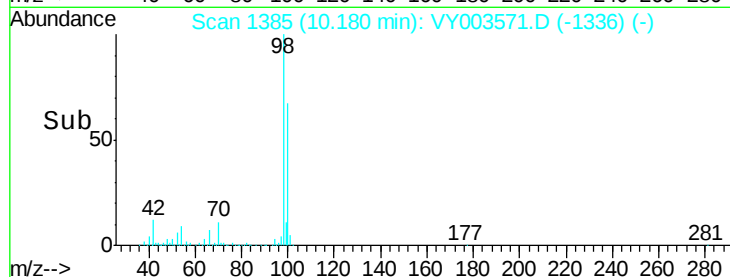
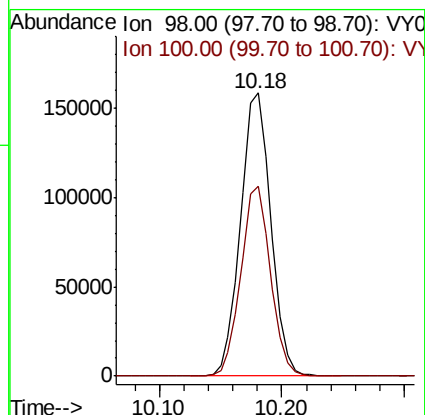
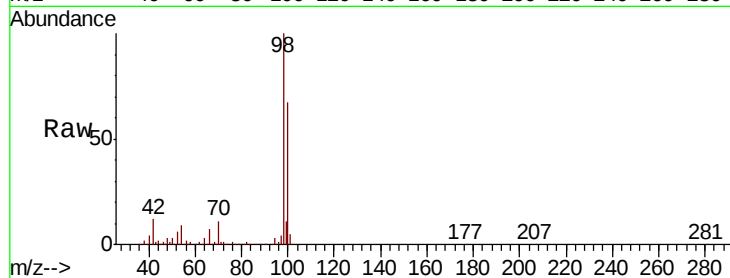
SB-03

Tot Ion: 98 Resp: 273367

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 47.617 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003571.D

Acq: 20 Nov 2020 16:33

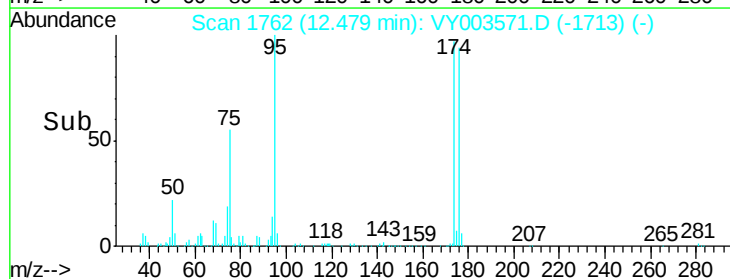
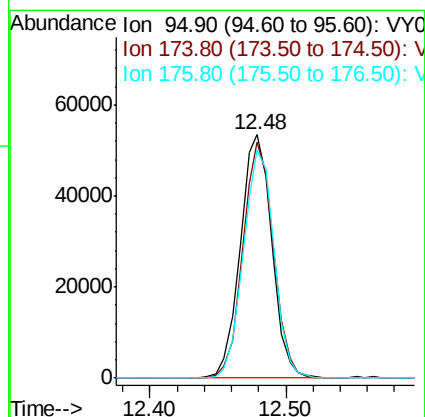
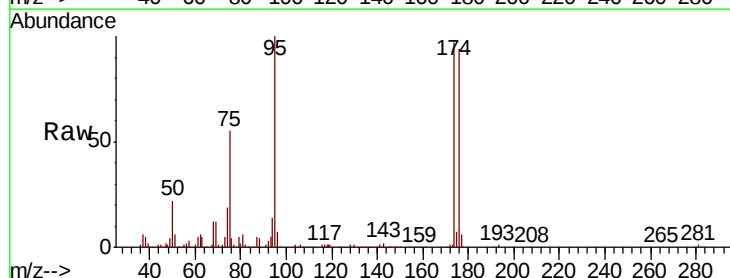
Tgt Ion: 95 Resp: 85983

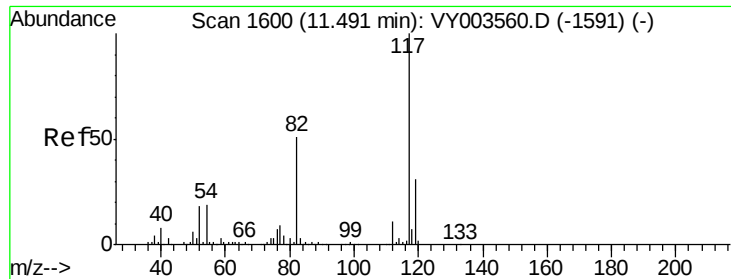
Ion Ratio Lower Upper

95 100

174 94.3 0.0 184.0

176 91.8 0.0 180.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003571.D

Acq: 20 Nov 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-03

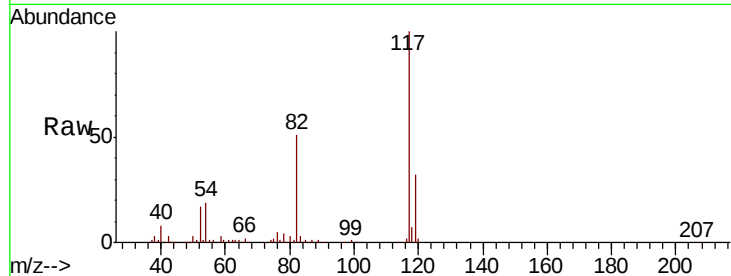
Tot Ion:117 Resp: 209893

Ion Ratio Lower Upper

117 100

82 50.5 41.0 61.6

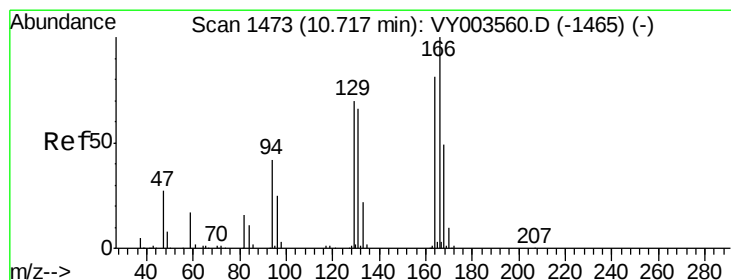
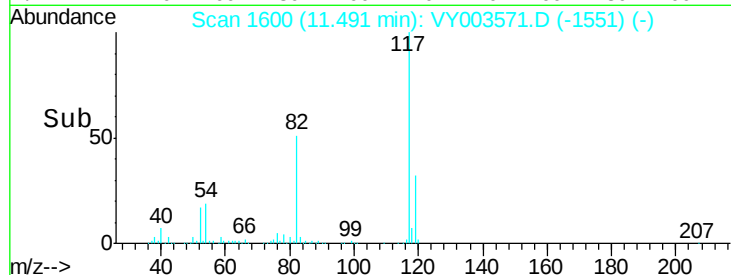
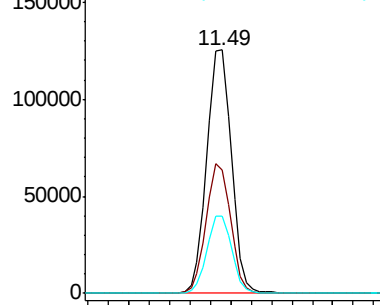
119 31.7 25.0 37.6



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



#64

Tetrachloroethene

Concen: 1.176 ug/l

RT: 10.72 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VY003571.D

Acq: 20 Nov 2020 16:33

Tgt Ion:164 Resp: 1844

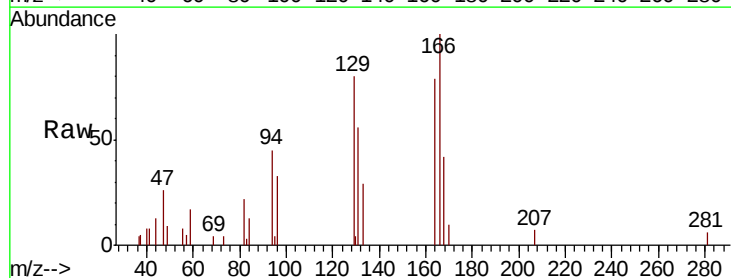
Ion Ratio Lower Upper

164 100

166 127.3 99.0 148.4

129 102.3 69.1 103.7

131 71.8 65.4 98.0

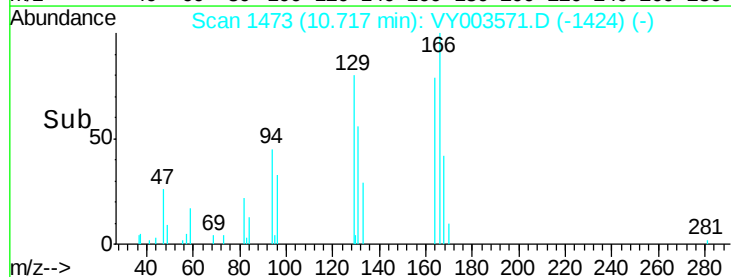
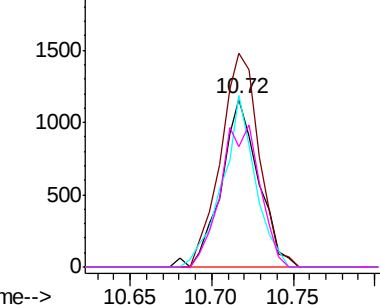


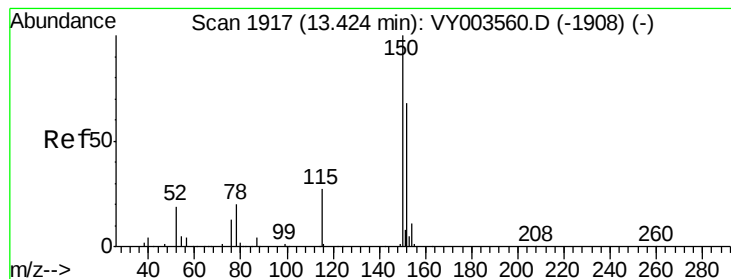
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003571.D

Acq: 20 Nov 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-03

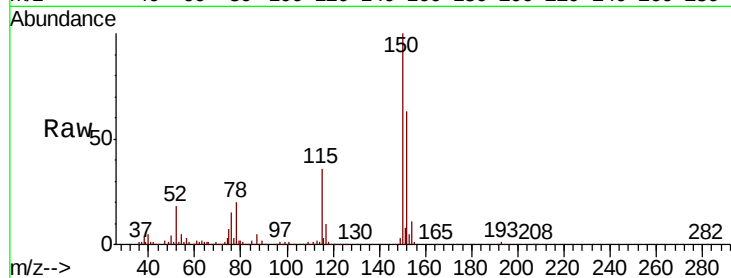
Tot Ion:152 Resp: 96657

Ion Ratio Lower Upper

152 100

115 55.7 27.4 82.0

150 156.4 0.0 349.6



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

