

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003575.D
 Acq On : 20 Nov 2020 18:02
 Operator : SY/MD
 Sample : L4836-07
 Misc : 5.29G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07

Quant Time: Nov 21 03:07:17 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	87301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	212015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	200942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	86384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	73877	81.50	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	163.00%
35) Dibromofluoromethane	7.72	113	75955	54.50	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.00%
50) Toluene-d8	10.17	98	264865	48.87	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.74%
62) 4-Bromofluorobenzene	12.48	95	81140	47.18	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.36%

Target Compounds

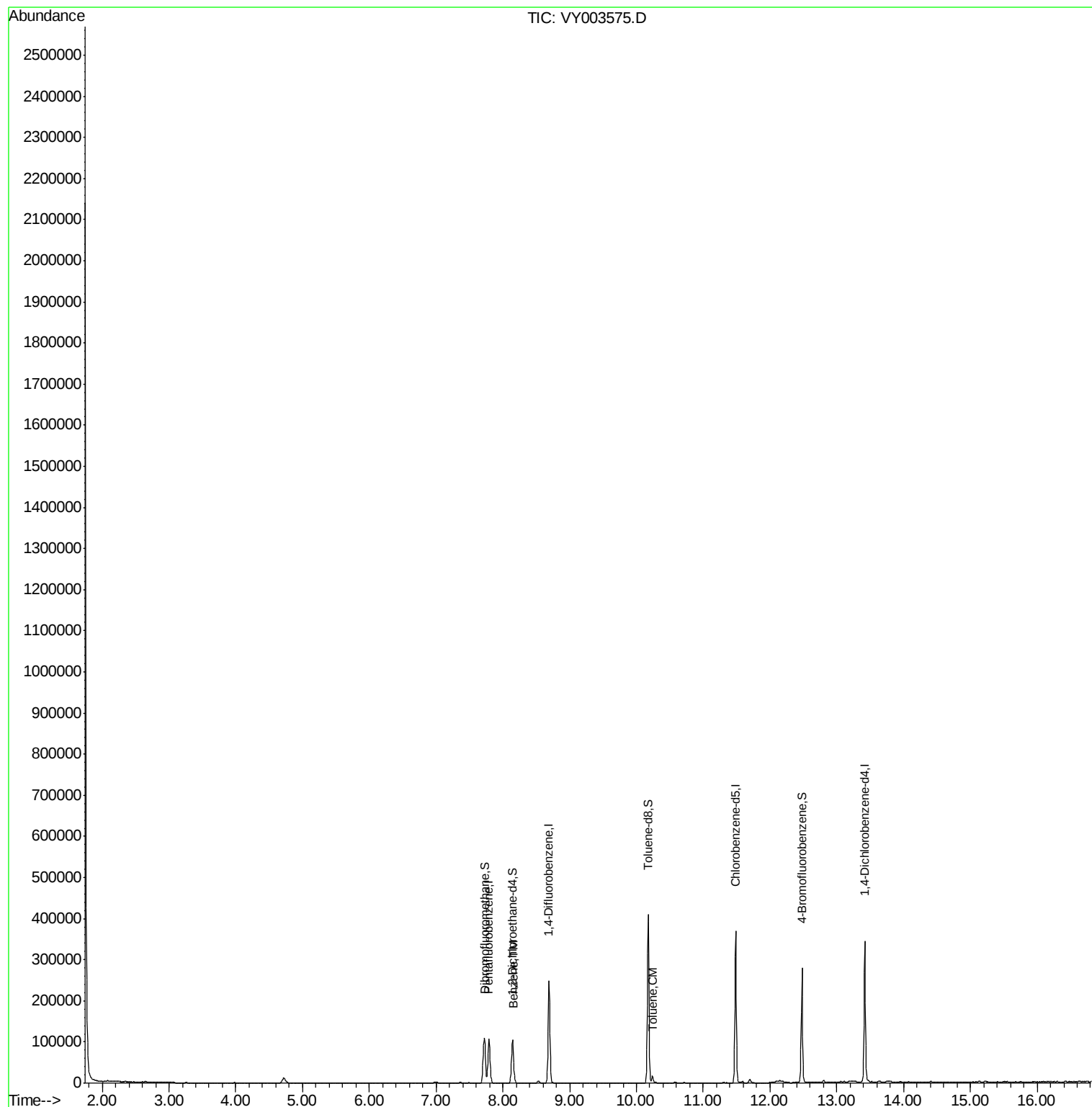
					Qvalue
40) Benzene	8.16	78	6768	1.094 ug/l	97
52) Toluene	10.24	92	6240	1.647 ug/l	98

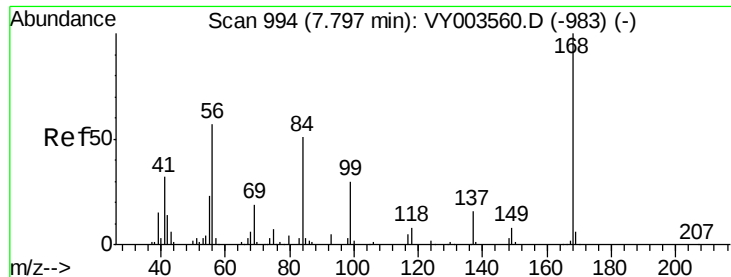
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003575.D

Acq: 20 Nov 2020 18:02

Instrument :

MSVOA_Y

ClientSampled :

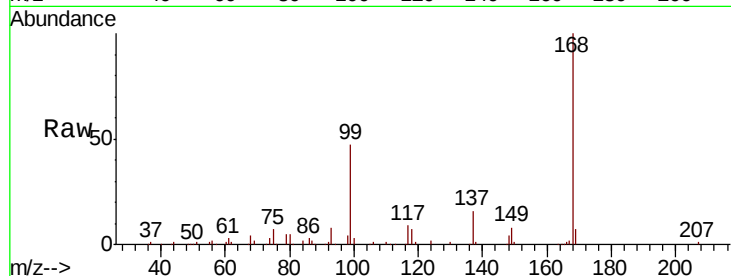
SB-07

Tot Ion:168 Resp: 87301

Ion Ratio Lower Upper

168 100

99 47.5 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

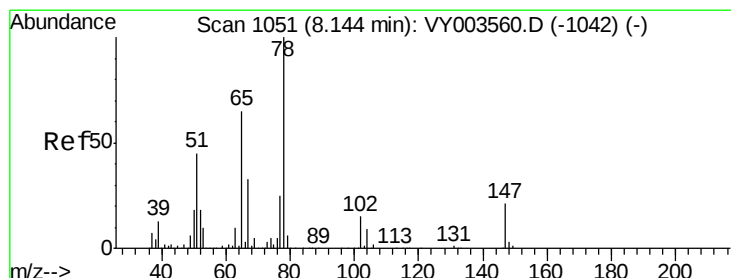
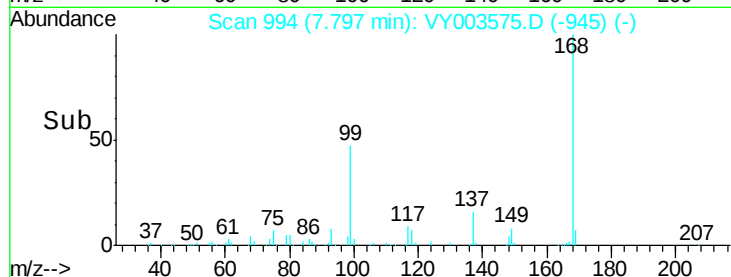
20000

10000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 81.500 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003575.D

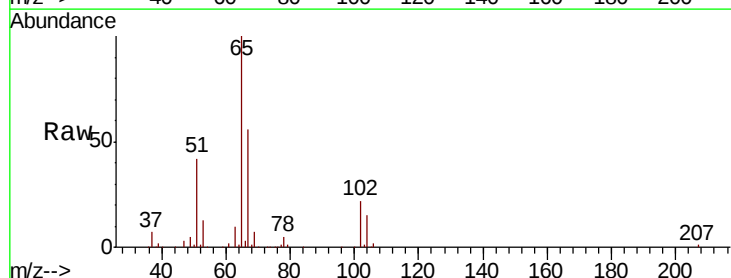
Acq: 20 Nov 2020 18:02

Tgt Ion: 65 Resp: 73877

Ion Ratio Lower Upper

65 100

67 54.0 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

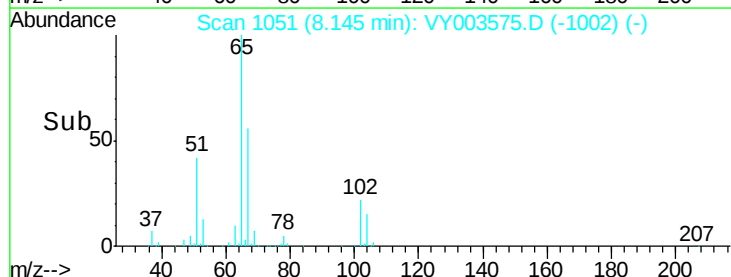
20000

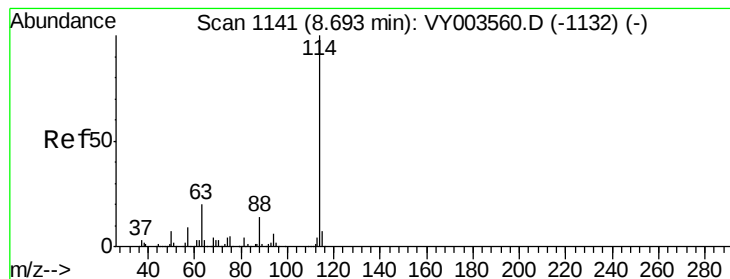
10000

0

8.05 8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1140

Delta R.T. -0.01 min

Lab File: VY003575.D

Acq: 20 Nov 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-07

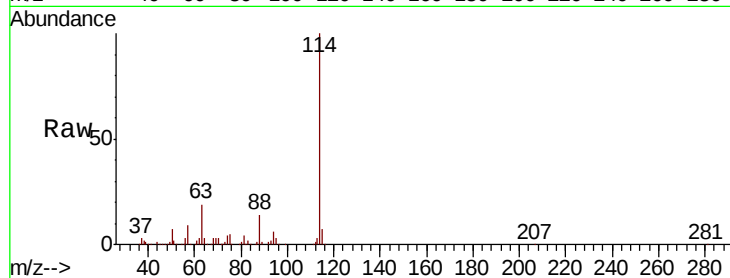
Tot Ion:114 Resp: 212015

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

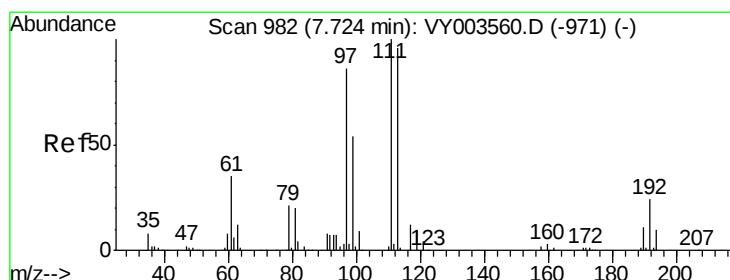
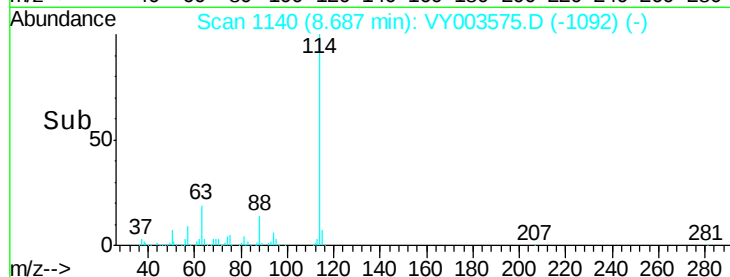
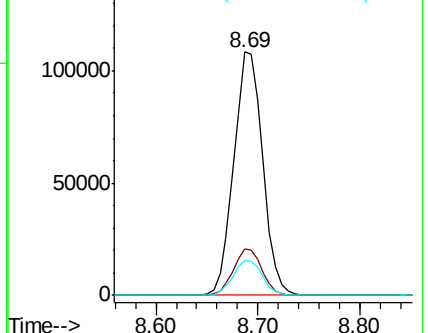
88 14.5 0.0 29.0



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: 54.501 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003575.D

Acq: 20 Nov 2020 18:02

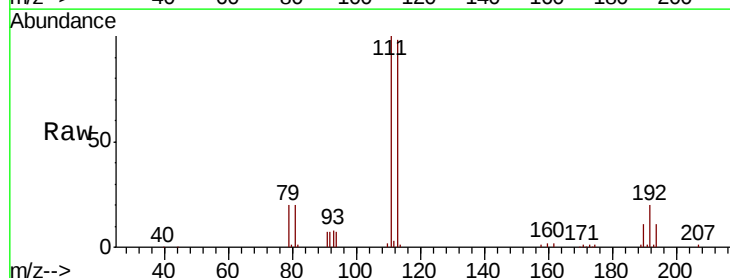
Tgt Ion:113 Resp: 75955

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

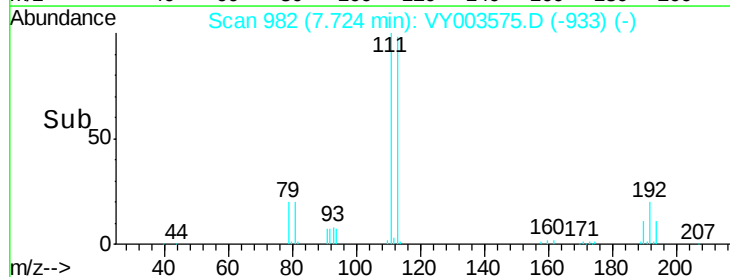
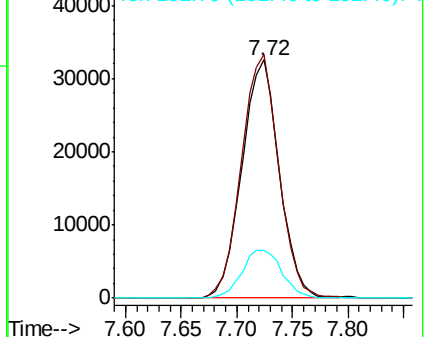
192 21.7 18.1 27.1

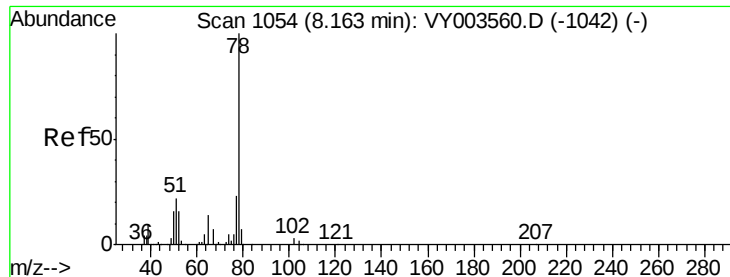


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.094 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VY003575.D

Acq: 20 Nov 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

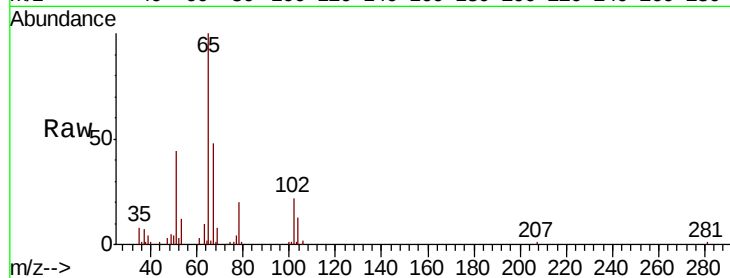
SB-07

Tot Ion: 78 Resp: 6768

Ion Ratio Lower Upper

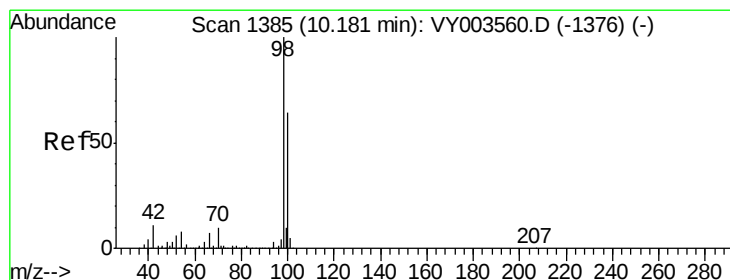
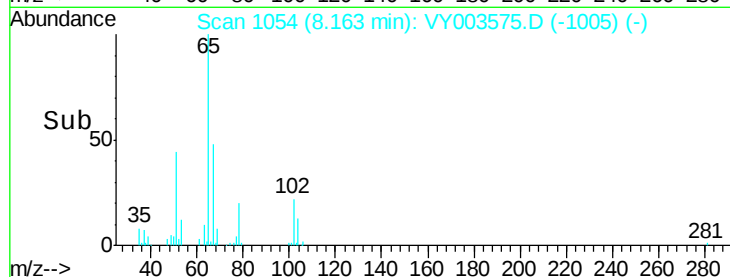
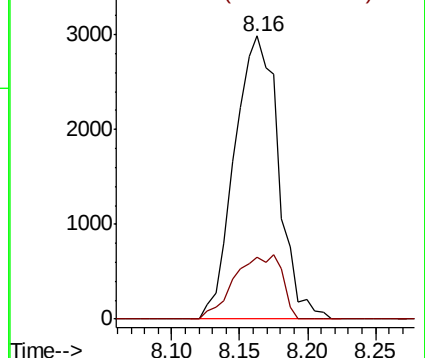
78 100

77 22.0 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VY0

Ion 77.00 (76.70 to 77.70): VY0



#50

Toluene-d8

Concen: 48.875 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY003575.D

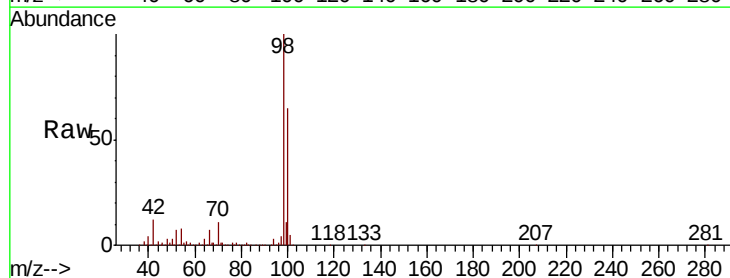
Acq: 20 Nov 2020 18:02

Tgt Ion: 98 Resp: 264865

Ion Ratio Lower Upper

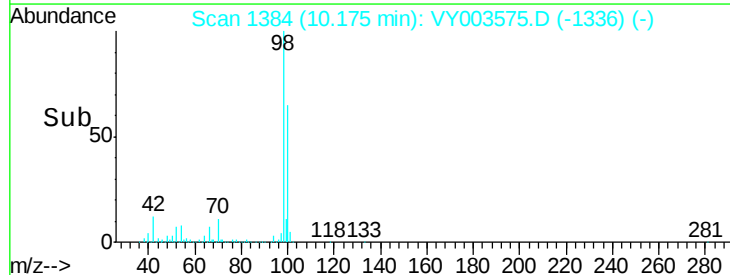
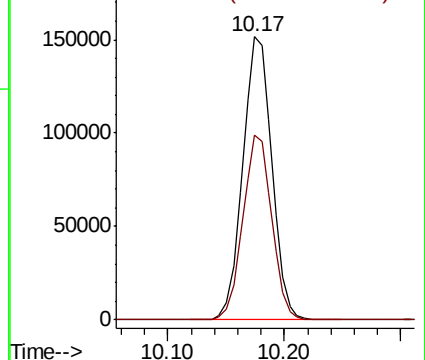
98 100

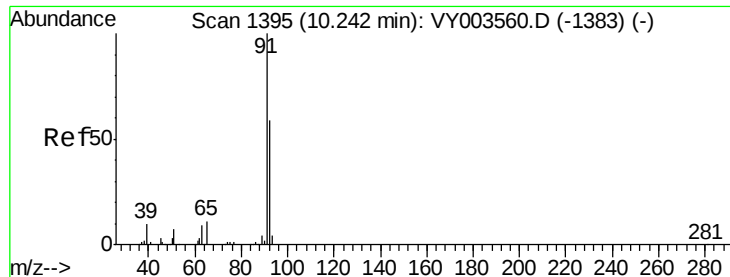
100 64.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#52

Toluene

Concen: 1.647 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003575.D

Acq: 20 Nov 2020 18:02

Instrument :

MSVOA_Y

ClientSampleId :

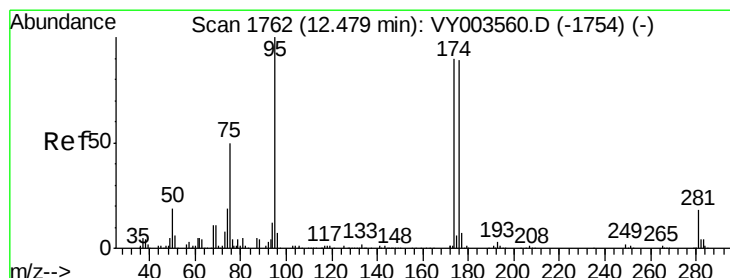
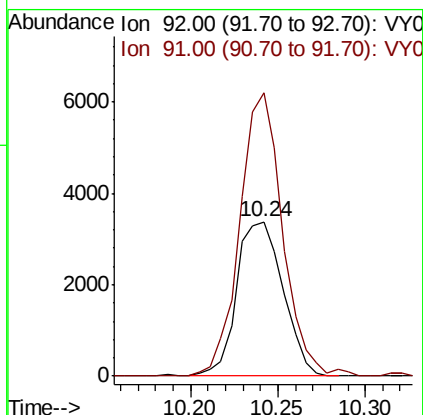
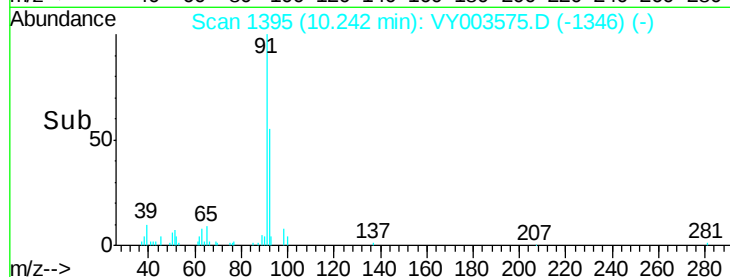
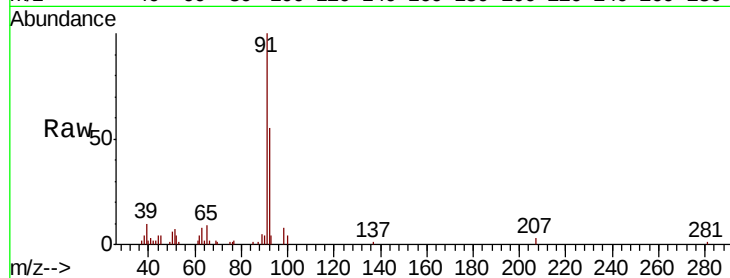
SB-07

Tot Ion: 92 Resp: 6240

Ion Ratio Lower Upper

92 100

91 169.3 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 47.179 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003575.D

Acq: 20 Nov 2020 18:02

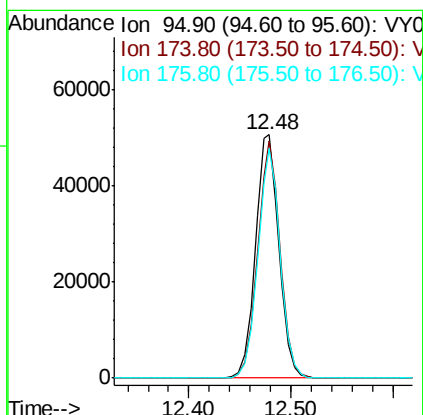
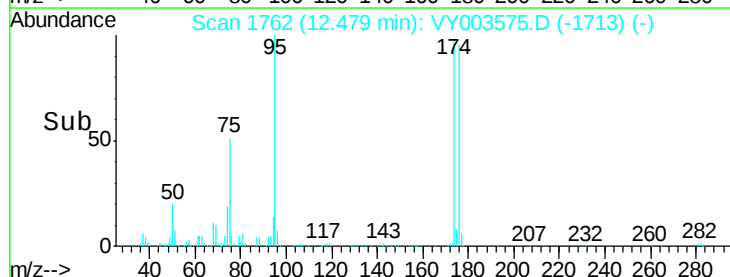
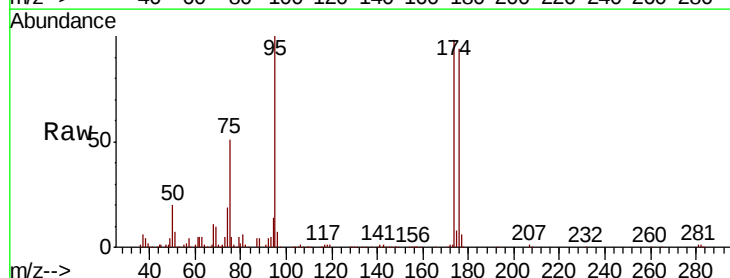
Tgt Ion: 95 Resp: 81140

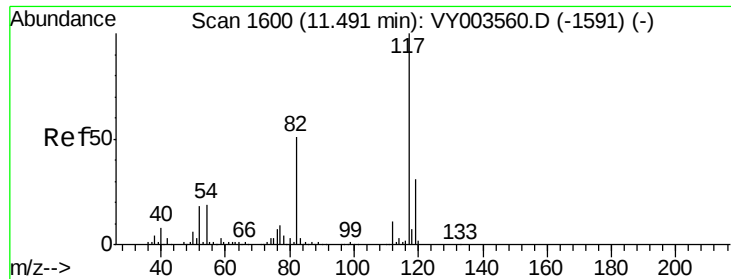
Ion Ratio Lower Upper

95 100

174 93.2 0.0 184.0

176 89.9 0.0 180.4

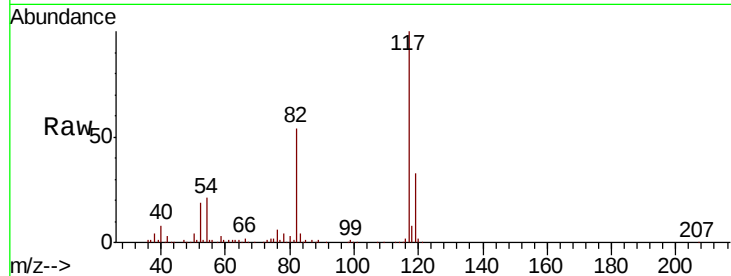




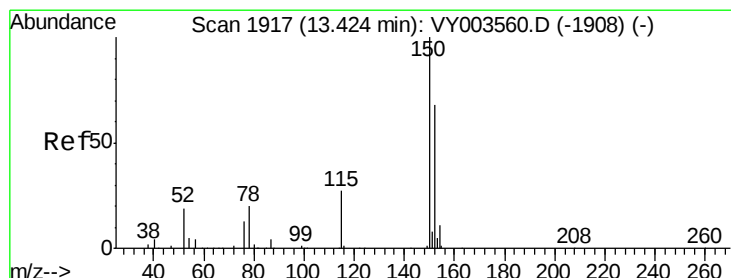
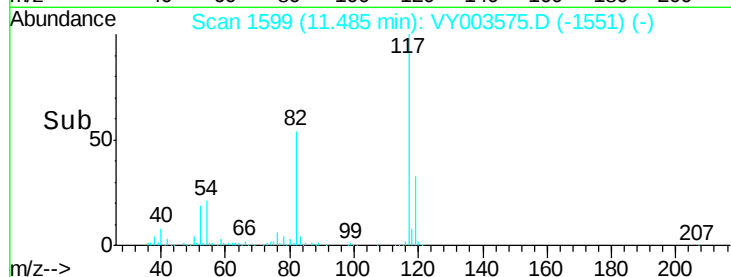
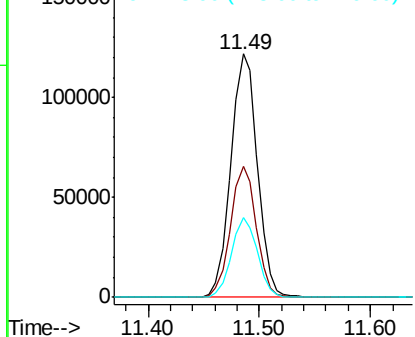
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003575.D
Acq: 20 Nov 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :
SB-07

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.0	61.6
119	32.6	25.0	37.6

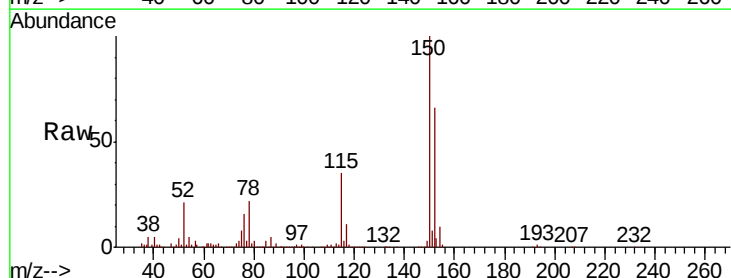


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY003575.D
Acq: 20 Nov 2020 18:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	27.4	82.0
150	157.0	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

