

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003576.D
 Acq On : 20 Nov 2020 18:24
 Operator : SY/MD
 Sample : L4836-08
 Misc : 7.15G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08

Quant Time: Nov 21 03:10:01 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	92227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	222695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	214283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	96303	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	78148	81.61	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	163.22%#
35) Dibromofluoromethane	7.72	113	79910	54.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.18%
50) Toluene-d8	10.17	98	278534	48.93	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.86%
62) 4-Bromofluorobenzene	12.48	95	86380	47.82	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.64%

Target Compounds

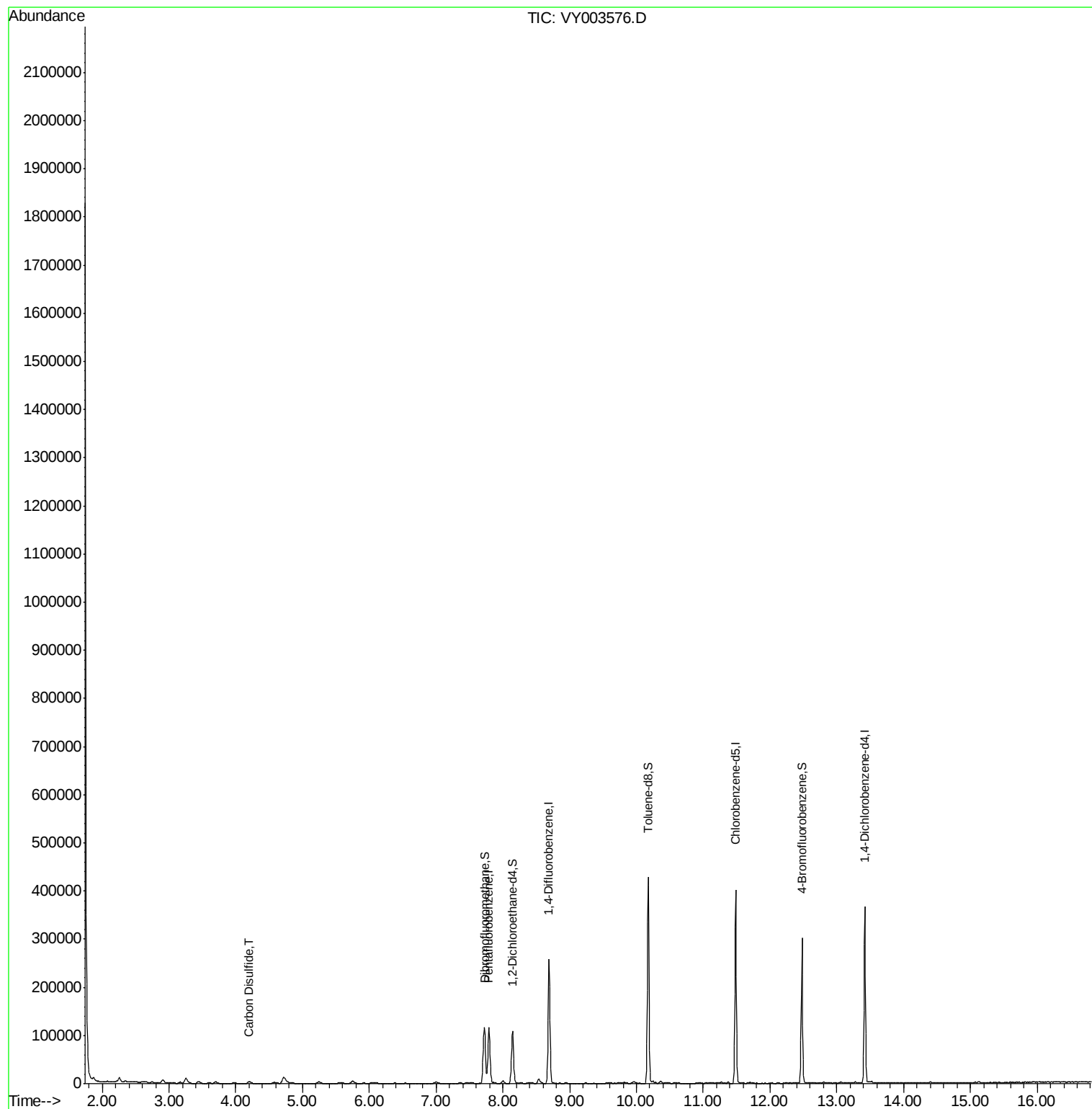
	R.T.	QIon	Response	Conc	Units	Qvalue
17) Carbon Disulfide	4.20	76	9435	3.609	ug/l	99

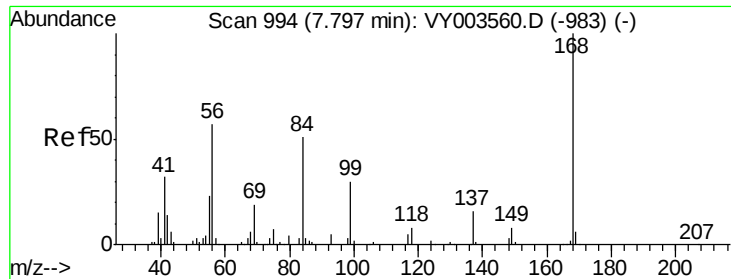
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003576.D

Acq: 20 Nov 2020 18:24

Instrument :

MSVOA_Y

ClientSampled :

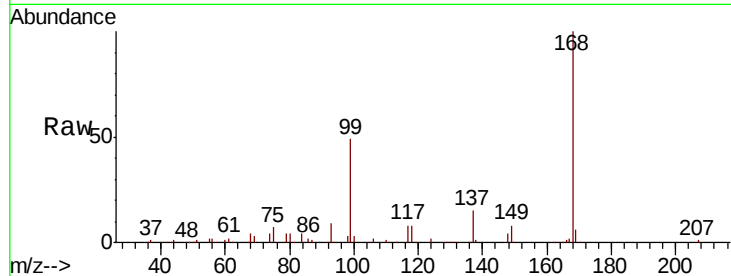
SB-08

Tot Ion:168 Resp: 92227

Ion Ratio Lower Upper

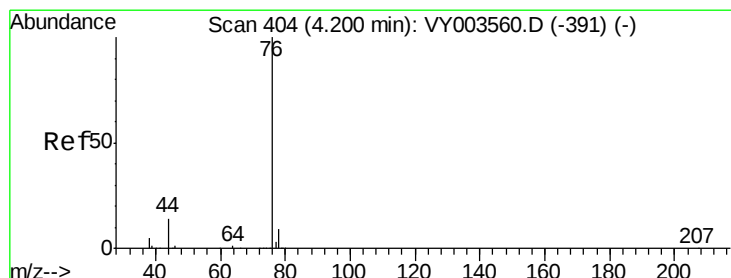
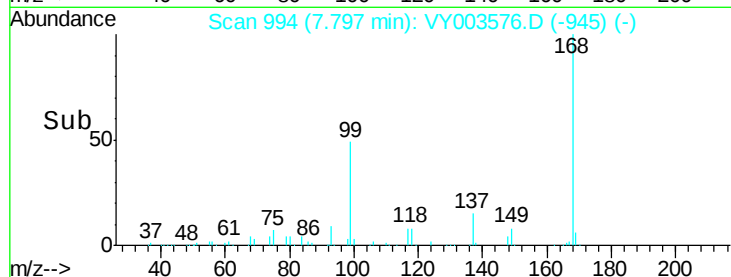
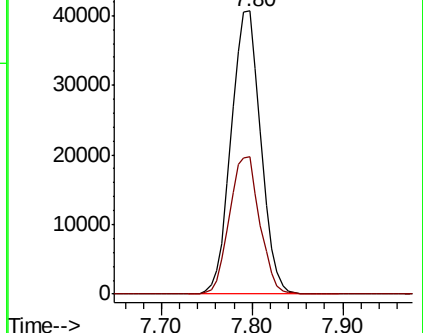
168 100

99 48.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VY003576.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003576.D (-945) (-)



#17

Carbon Disulfide

Concen: 3.609 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003576.D

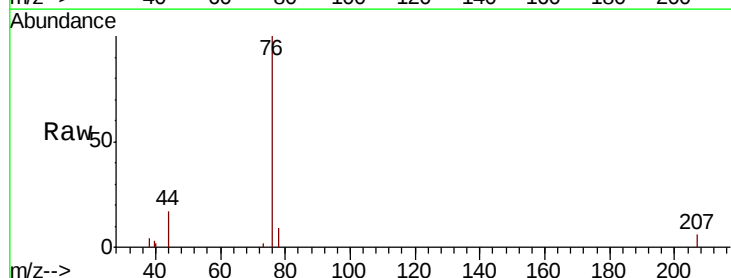
Acq: 20 Nov 2020 18:24

Tgt Ion: 76 Resp: 9435

Ion Ratio Lower Upper

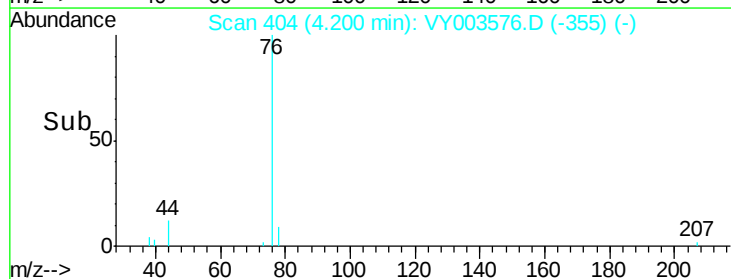
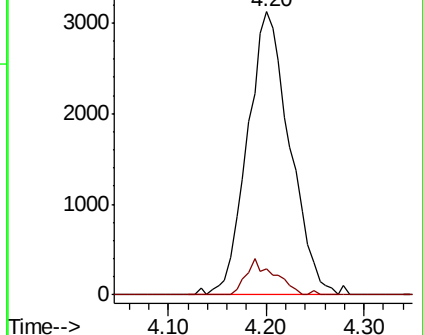
76 100

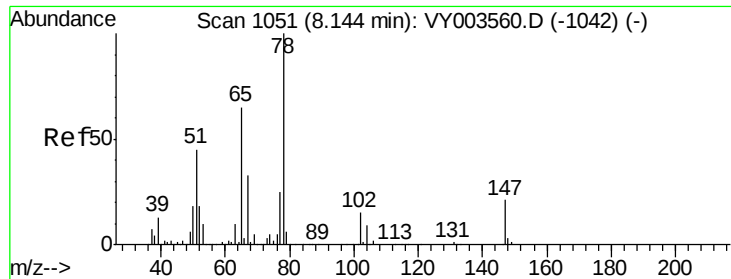
78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VY003576.D (-355) (-)

Ion 77.90 (77.60 to 78.60): VY003576.D (-355) (-)





#33

1,2-Dichloroethane-d4

Concen: 81.607 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003576.D

Acq: 20 Nov 2020 18:24

Instrument :

MSVOA_Y

ClientSampleId :

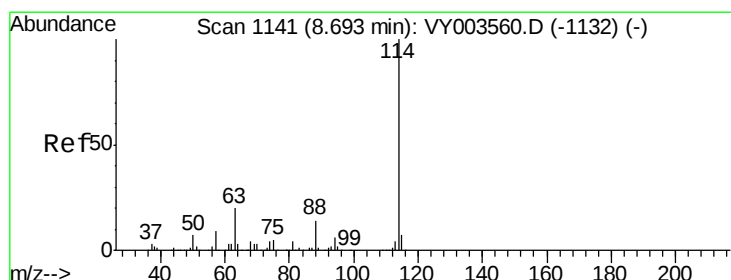
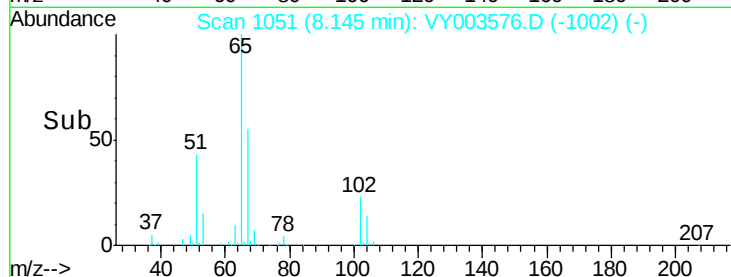
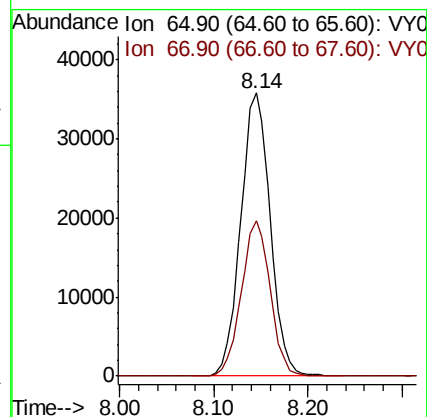
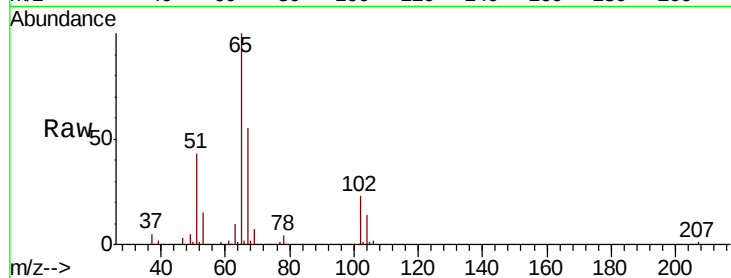
SB-08

Tot Ion: 65 Resp: 78148

Ion Ratio Lower Upper

65 100

67 53.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003576.D

Acq: 20 Nov 2020 18:24

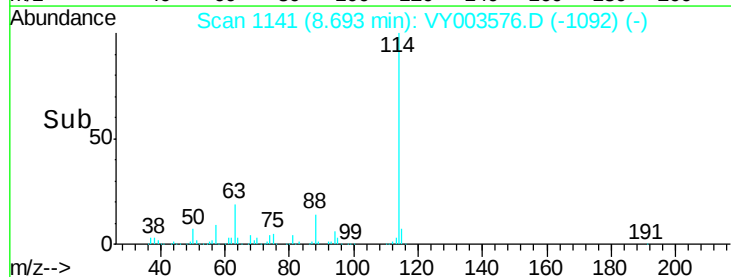
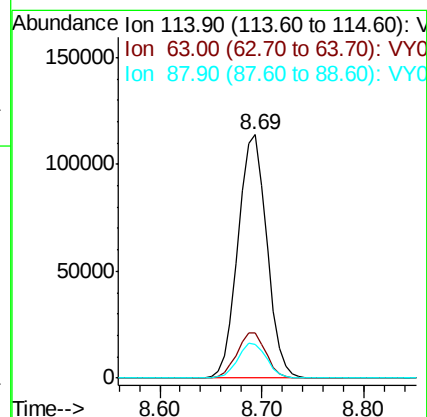
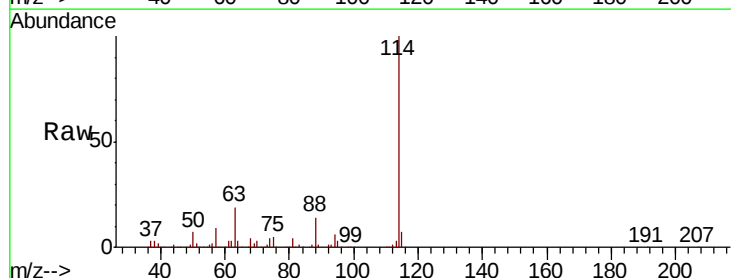
Tgt Ion: 114 Resp: 222695

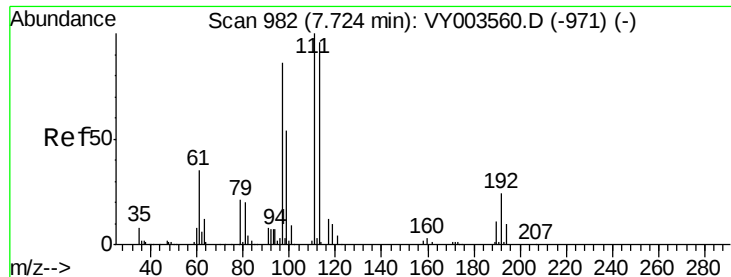
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.8

88 13.8 0.0 29.0

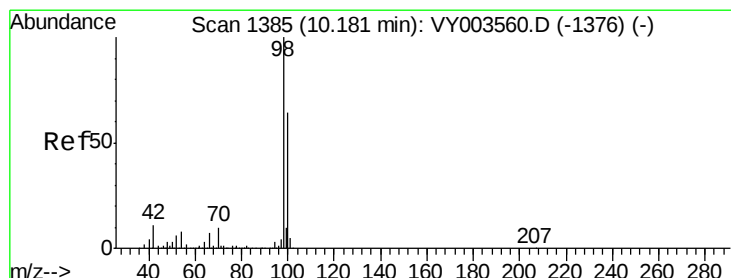
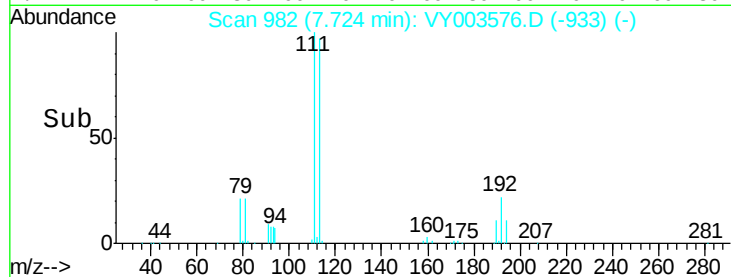
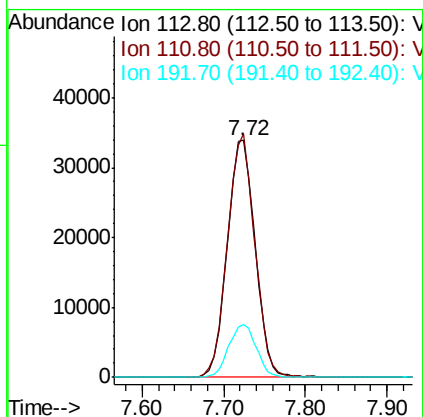
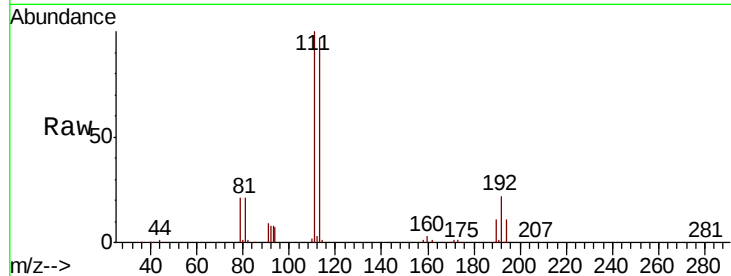




#35
 Dibromofluoromethane
 Concen: 54.589 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003576.D
 Acq: 20 Nov 2020 18:24

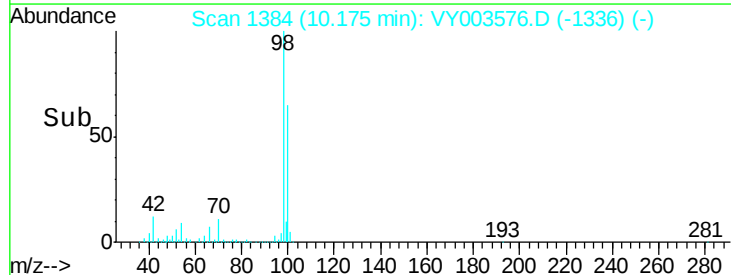
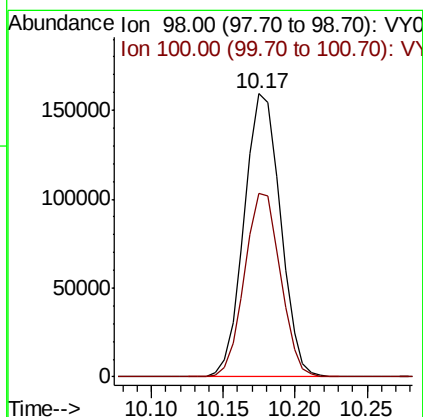
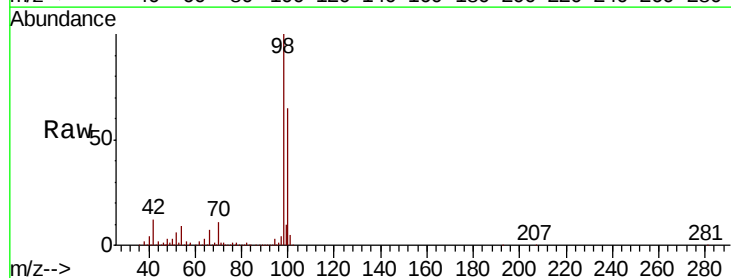
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08

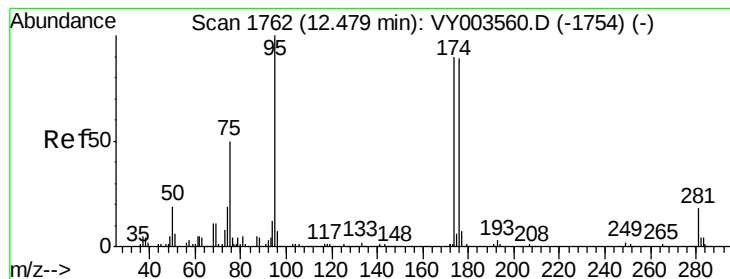
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.4	122.0
192	22.0	18.1	27.1



#50
 Toluene-d8
 Concen: 48.932 ug/l
 RT: 10.17 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: VY003576.D
 Acq: 20 Nov 2020 18:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.4	77.2





#62

4-Bromofluorobenzene

Concen: 47.817 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003576.D

Acq: 20 Nov 2020 18:24

Instrument :

MSVOA_Y

ClientSampleId :

SB-08

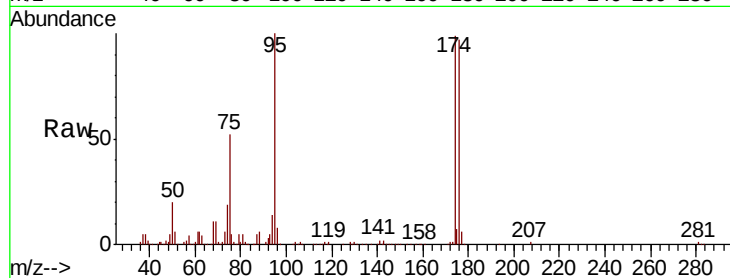
Tot Ion: 95 Resp: 86380

Ion Ratio Lower Upper

95 100

174 95.1 0.0 184.0

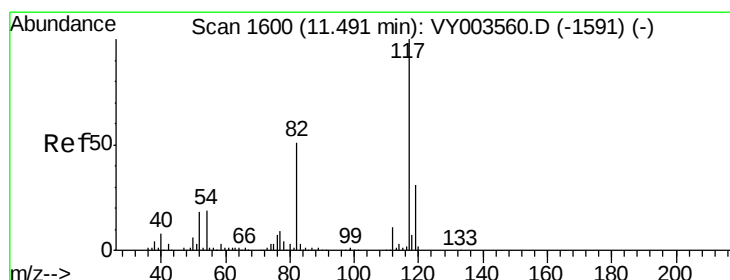
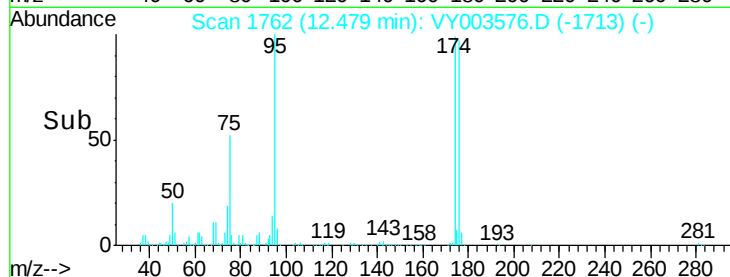
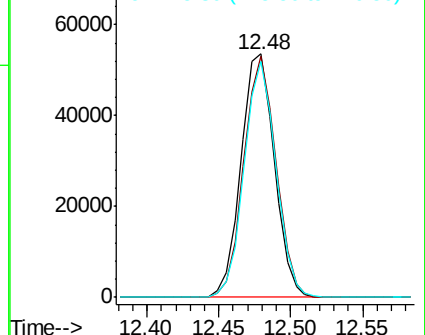
176 91.7 0.0 180.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003576.D

Acq: 20 Nov 2020 18:24

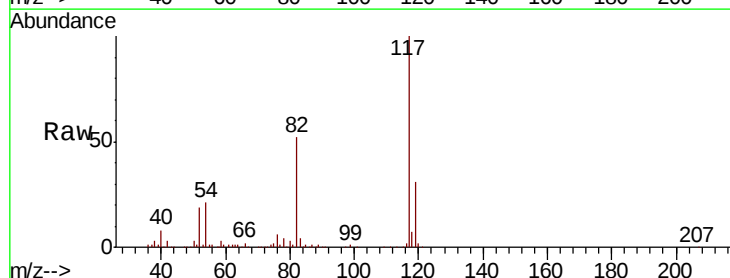
Tgt Ion: 117 Resp: 214283

Ion Ratio Lower Upper

117 100

82 52.5 41.0 61.6

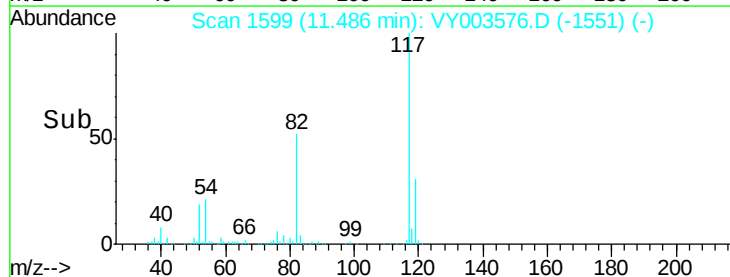
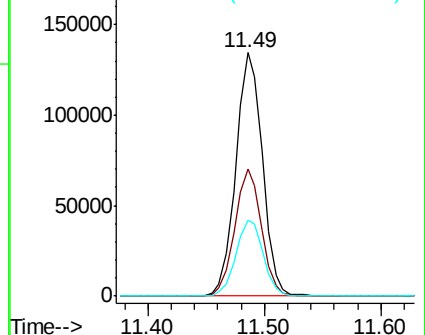
119 31.1 25.0 37.6

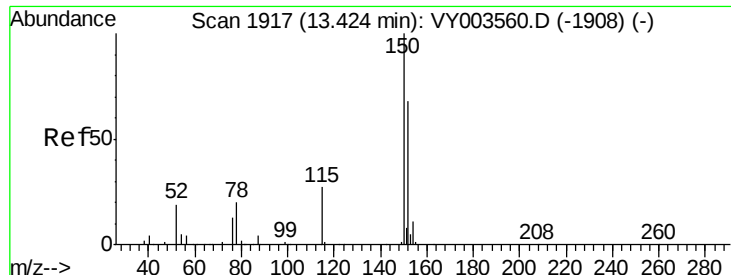


Abundance Ion 116.90 (116.60 to 117.60): VY0

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): VY0



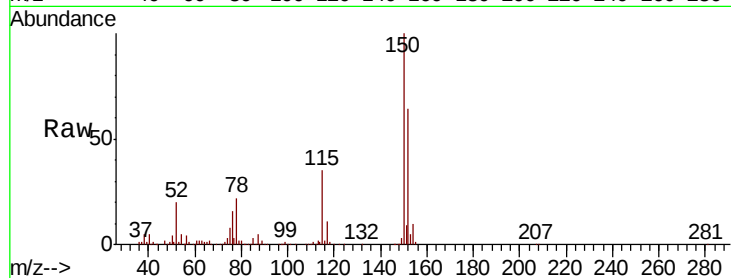


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: VY003576.D
 Acq: 20 Nov 2020 18:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	27.4	82.0
150	157.3	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

