

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003564.D
 Acq On : 20 Nov 2020 13:57
 Operator : SY/MD
 Sample : VY1120SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBL01

Quant Time: Nov 21 02:20:11 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	121260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	254347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	229789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	99636	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	83648	66.44	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.88%
35) Dibromofluoromethane	7.72	113	83232	49.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.56%
50) Toluene-d8	10.18	98	299527	46.07	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.14%
62) 4-Bromofluorobenzene	12.48	95	92394	44.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.56%

Target Compounds

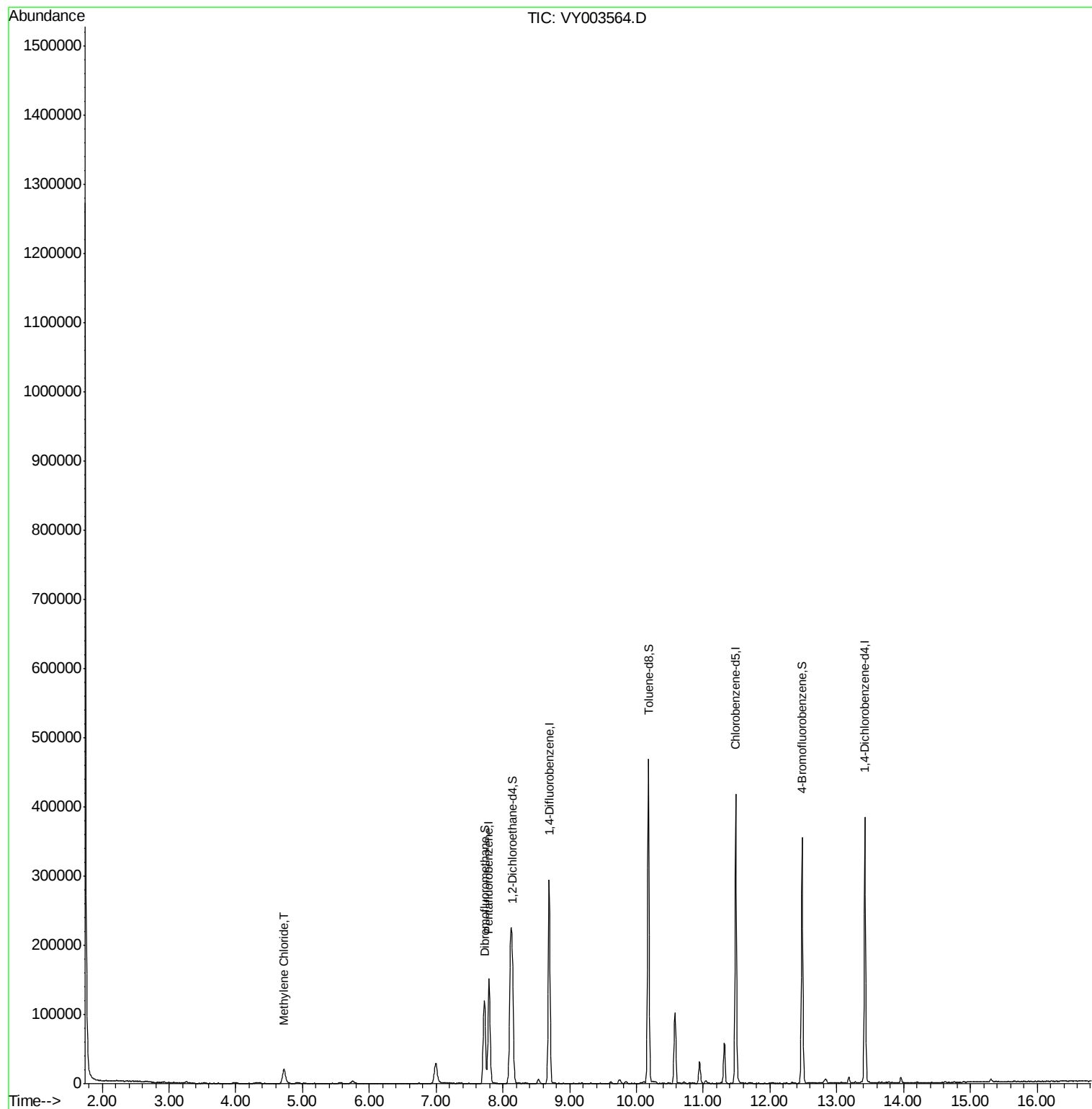
	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.71	84	14895	5.962	ug/l	91

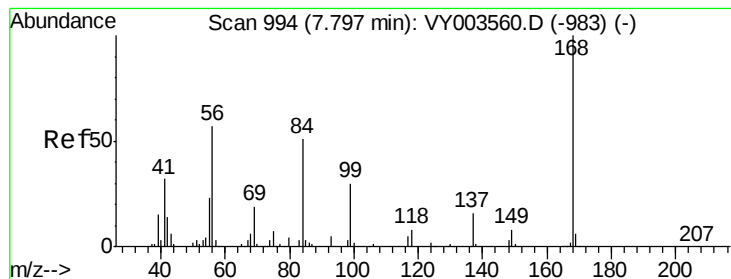
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003564.D

Acq: 20 Nov 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

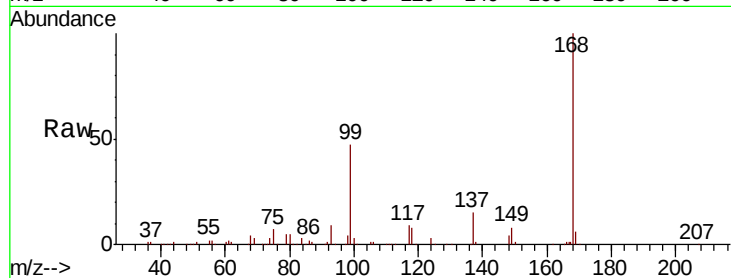
VY1120SBL01

Tot Ion:168 Resp: 121260

Ion Ratio Lower Upper

168 100

99 47.3 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

60000

50000

40000

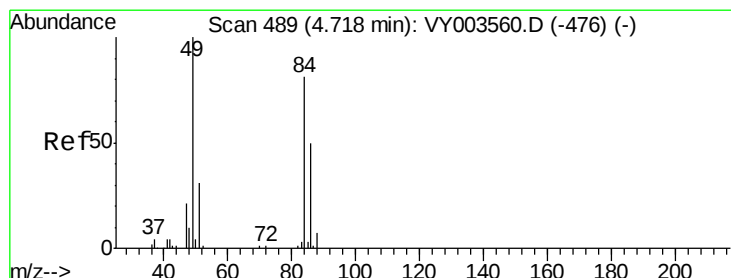
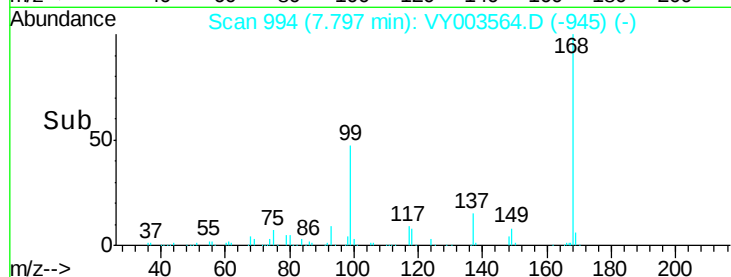
30000

20000

10000

0

Time-->



#20

Methylene Chloride

Concen: 5.962 ug/l

RT: 4.71 min Scan# 488

Delta R.T. -0.01 min

Lab File: VY003564.D

Acq: 20 Nov 2020 13:57

Tgt Ion: 84 Resp: 14895

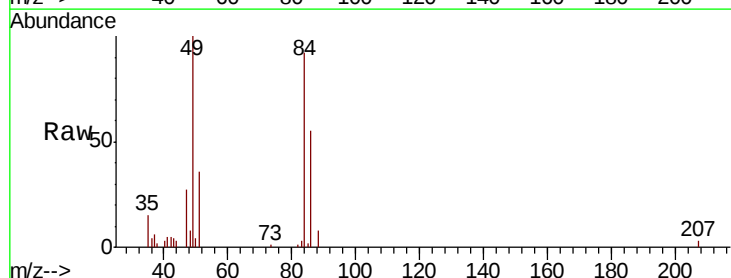
Ion Ratio Lower Upper

84 100

49 108.5 99.0 148.6

51 38.6 30.5 45.7

86 59.7 49.9 74.9



Abundance Ion 83.90 (83.60 to 84.60): VY003560.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY003560.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY003560.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY003560.D (-476) (-)

8000

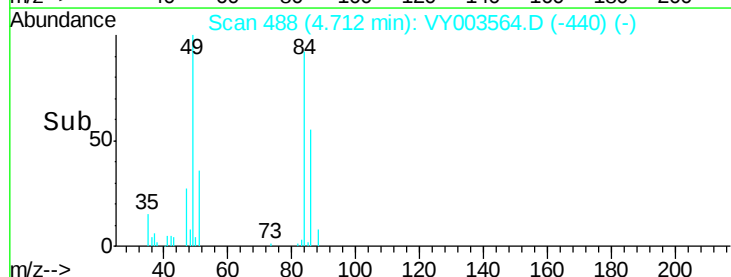
6000

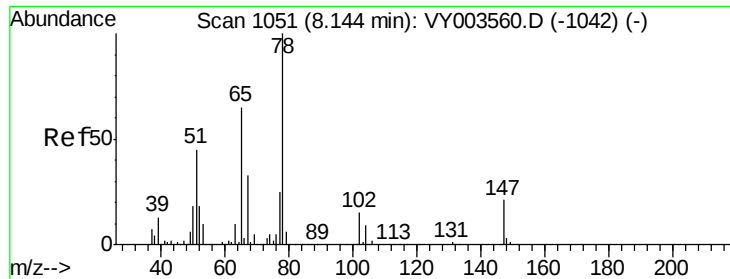
4000

2000

0

Time-->

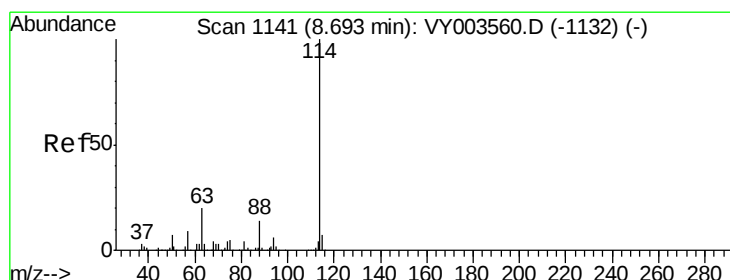
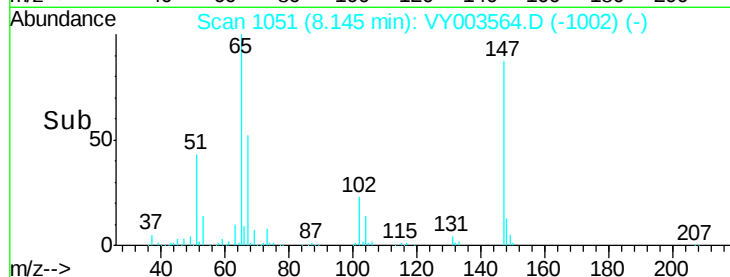
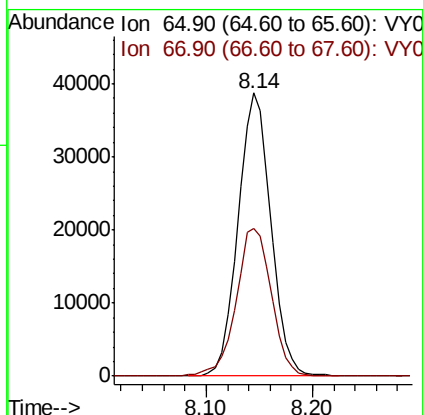
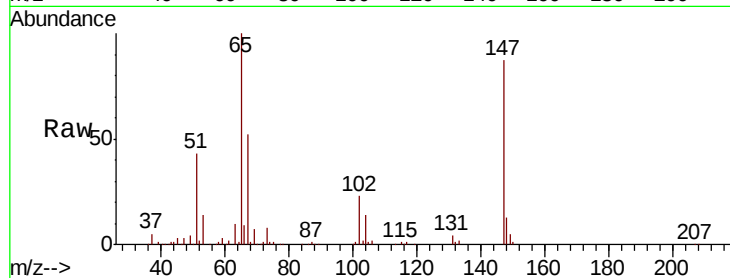




#33
 1,2-Dichloroethane-d4
 Concen: 66.436 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003564.D
 Acq: 20 Nov 2020 13:57

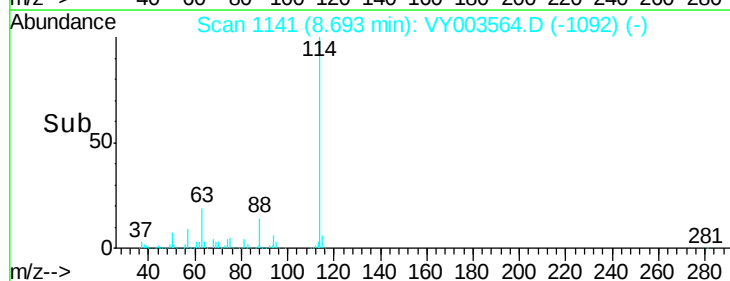
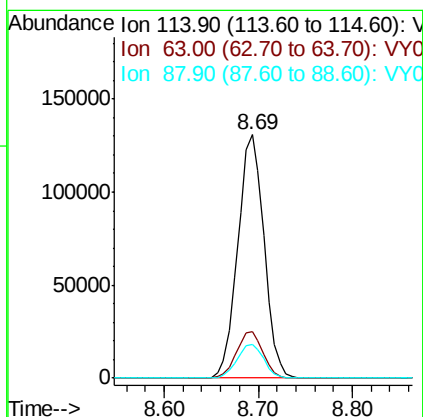
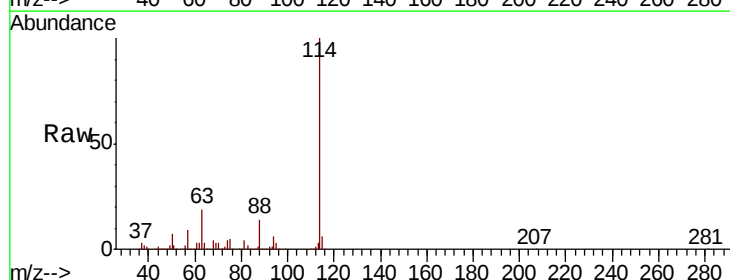
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBL01

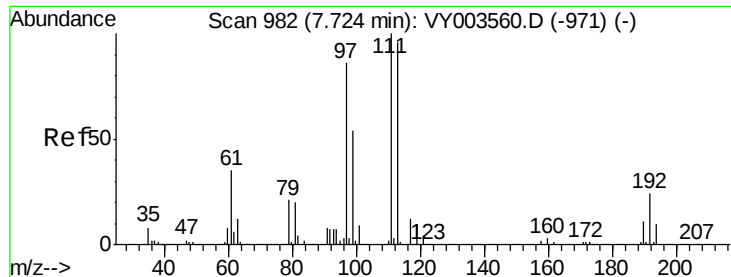
Tot Ion: 65 Resp: 83648
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003564.D
 Acq: 20 Nov 2020 13:57

Tgt Ion: 114 Resp: 254347
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.8
 88 13.8 0.0 29.0

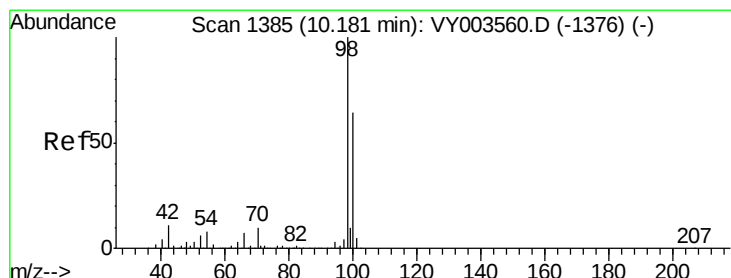
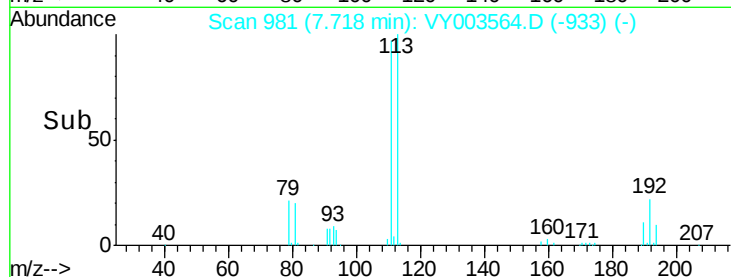
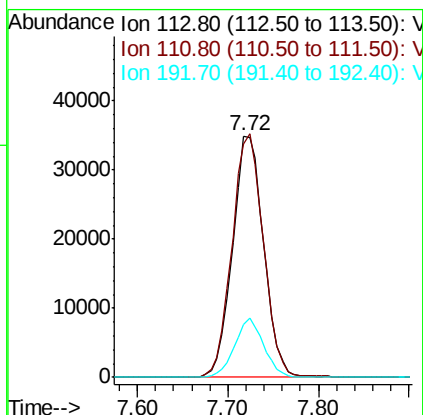
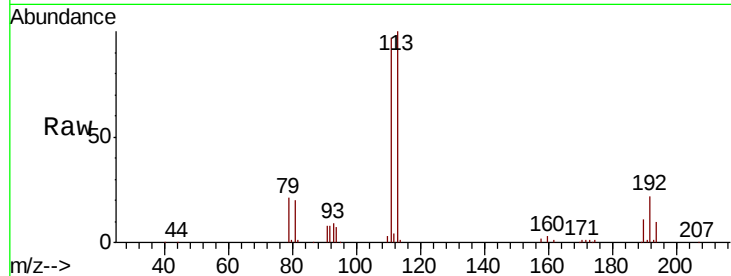




#35
 Dibromofluoromethane
 Concen: 49.783 ug/l
 RT: 7.72 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VY003564.D
 Acq: 20 Nov 2020 13:57

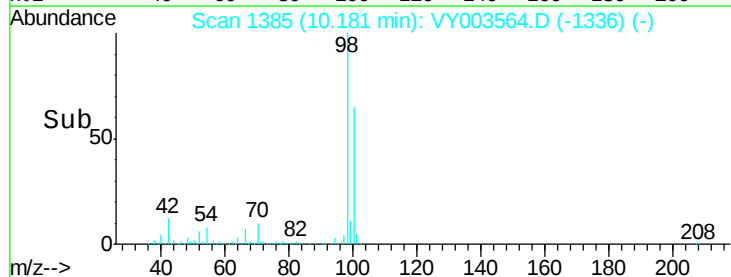
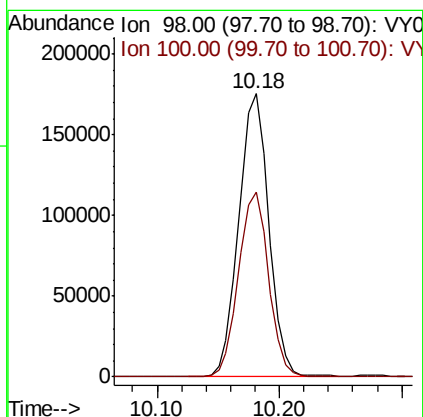
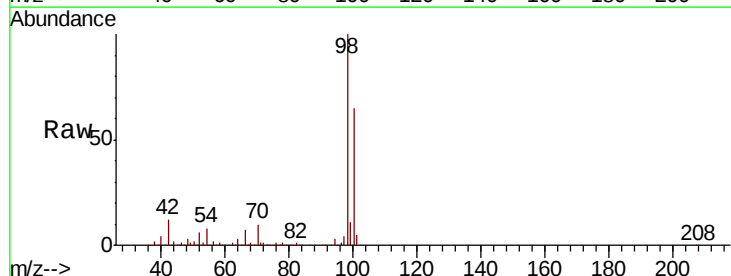
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBL01

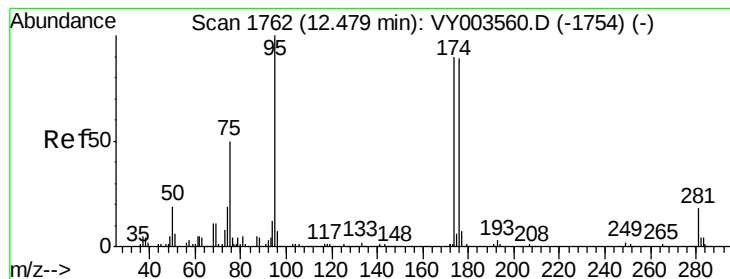
Tot Ion:113 Resp: 83232
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 22.8 18.1 27.1



#50
 Toluene-d8
 Concen: 46.072 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY003564.D
 Acq: 20 Nov 2020 13:57

Tgt Ion: 98 Resp: 299527
 Ion Ratio Lower Upper
 98 100
 100 65.2 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 44.782 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003564.D

Acq: 20 Nov 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBL01

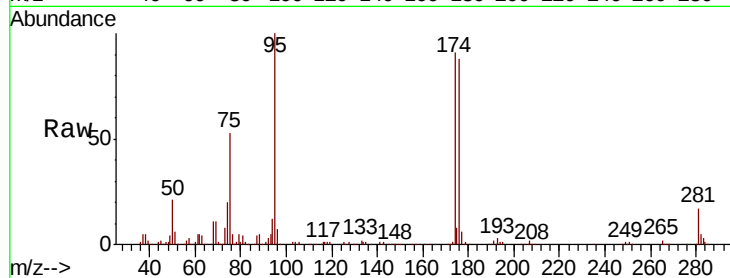
Tot Ion: 95 Resp: 92394

Ion Ratio Lower Upper

95 100

174 94.1 0.0 184.0

176 89.4 0.0 180.4



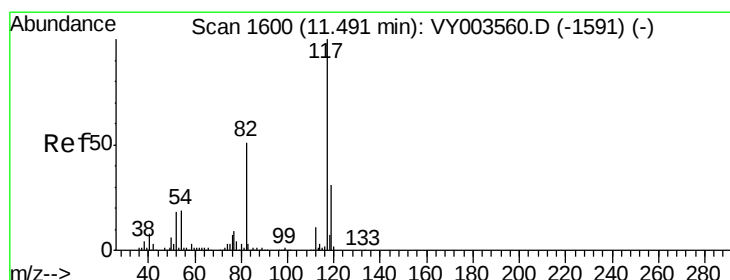
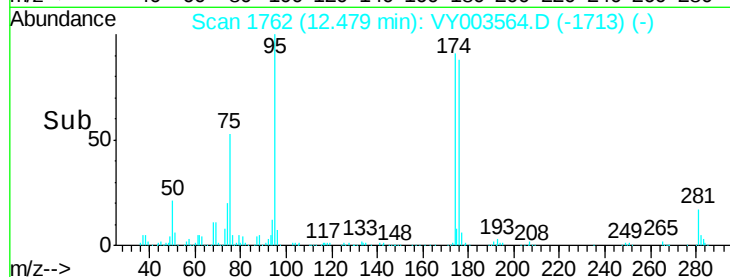
Abundance Ion 94.90 (94.60 to 95.60): VY003564.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003564.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003564.D (-1754) (-)

12.48

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003564.D

Acq: 20 Nov 2020 13:57

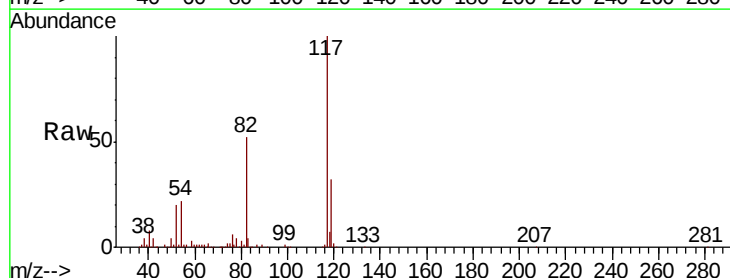
Tgt Ion: 117 Resp: 229789

Ion Ratio Lower Upper

117 100

82 52.3 41.0 61.6

119 32.1 25.0 37.6



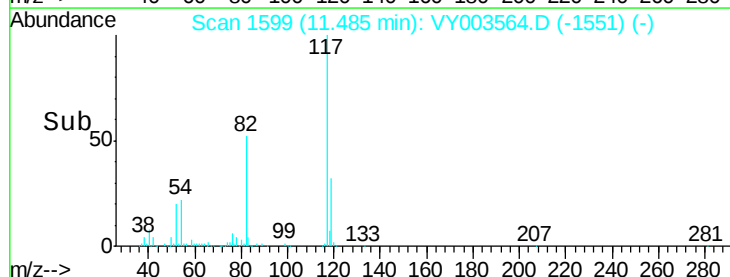
Abundance Ion 116.90 (116.60 to 117.60): VY003564.D (-1551) (-)

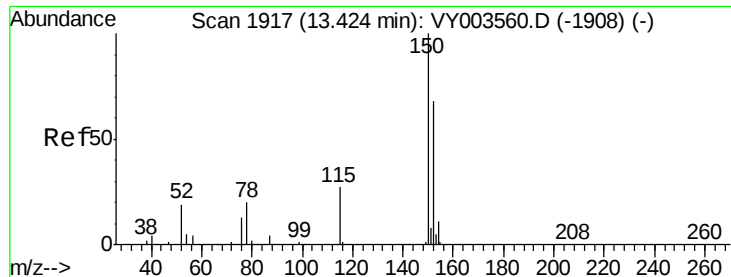
Ion 82.00 (81.70 to 82.70): VY003564.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003564.D (-1551) (-)

11.49

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003564.D

Acq: 20 Nov 2020 13:57

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBL01

Tot Ion:152 Resp: 99636

Ion Ratio Lower Upper

152 100

115 54.5 27.4 82.0

150 157.9 0.0 349.6

