

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001572.D
 Acq On : 07 Feb 2020 21:57
 Operator : SY/MD
 Sample : L1473-02
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-1A

Quant Time: Feb 08 04:15:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	23024	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	37918	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	31500	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	13413	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	12368	53.35	ug/l	0.02
Spiked Amount 50.000			Recovery	=	106.70%	
35) Dibromofluoromethane	7.76	113	10202	46.66	ug/l	0.02
Spiked Amount 50.000			Recovery	=	93.32%	
50) Toluene-d8	10.21	98	43921	53.09	ug/l	0.02
Spiked Amount 50.000			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.50	95	13018	39.95	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.90%	

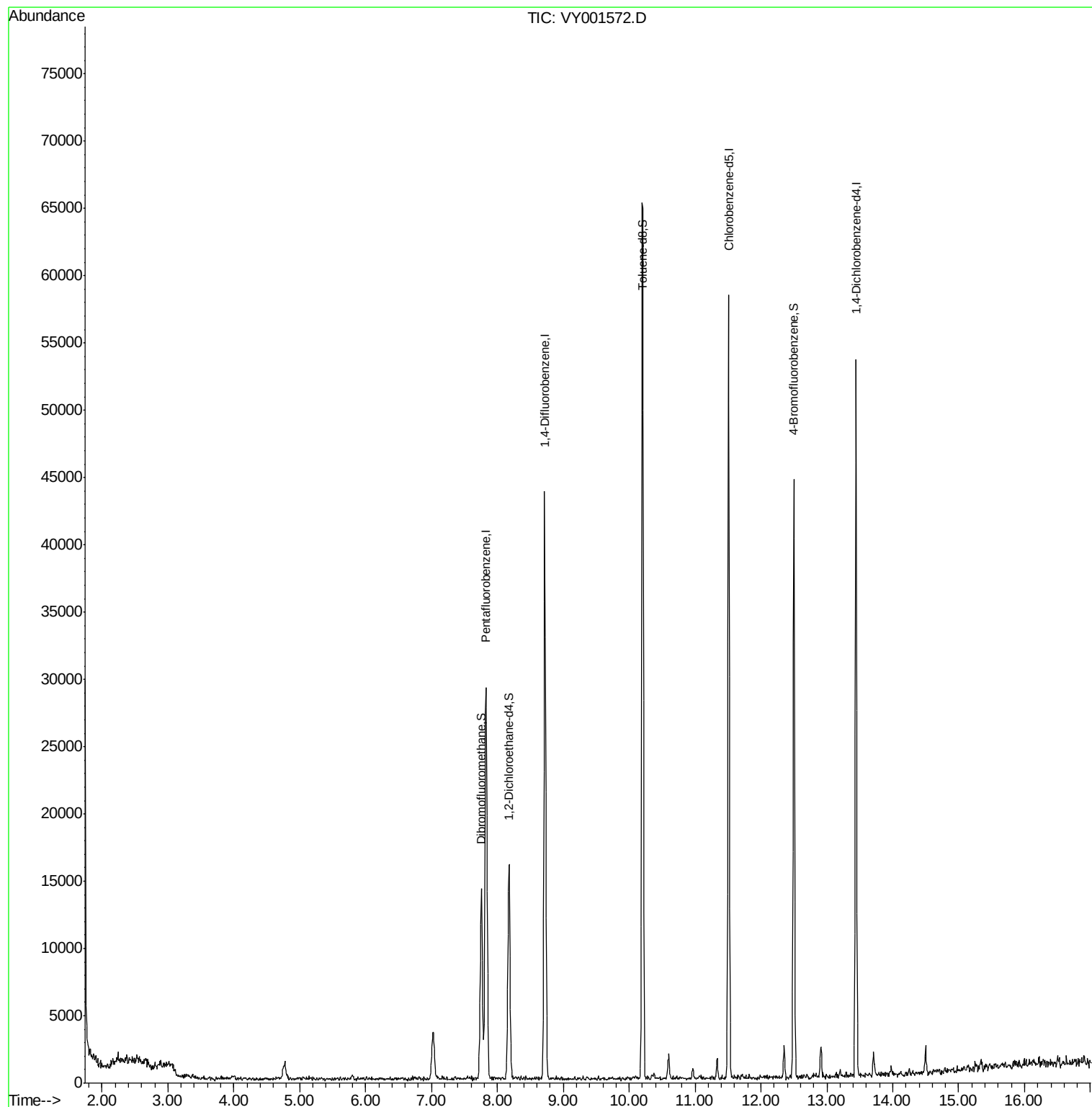
Target Compounds	Qvalue
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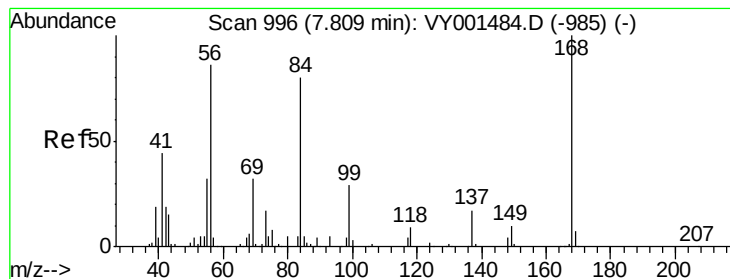
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.02 min

Lab File: VY001572.D

Acq: 07 Feb 2020 21:57

Instrument :

MSVOA_Y

ClientSampleId :

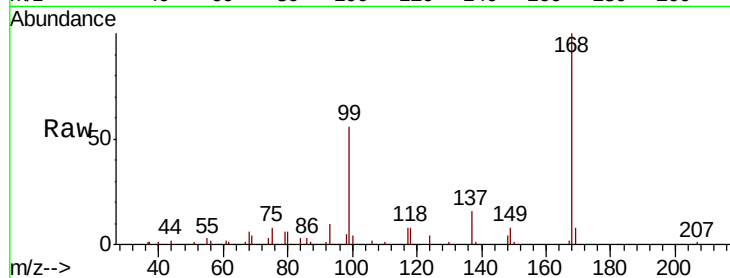
P-1A

Tot Ion:168 Resp: 23024

Ion Ratio Lower Upper

168 100

99 56.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001572.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001572.D (-947) (-)

7.83

10000

8000

6000

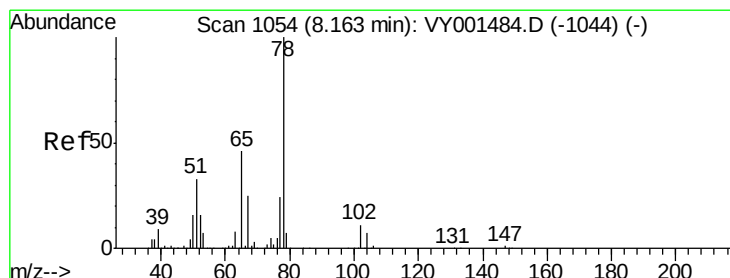
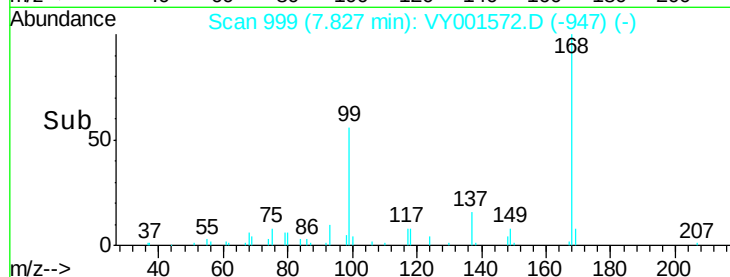
4000

2000

0

7.75 7.80 7.85 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.352 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.02 min

Lab File: VY001572.D

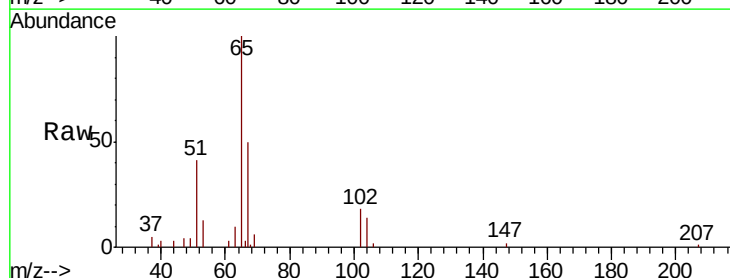
Acq: 07 Feb 2020 21:57

Tgt Ion: 65 Resp: 12368

Ion Ratio Lower Upper

65 100

67 51.0 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001572.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001572.D (-1005) (-)

8.18

6000

5000

4000

3000

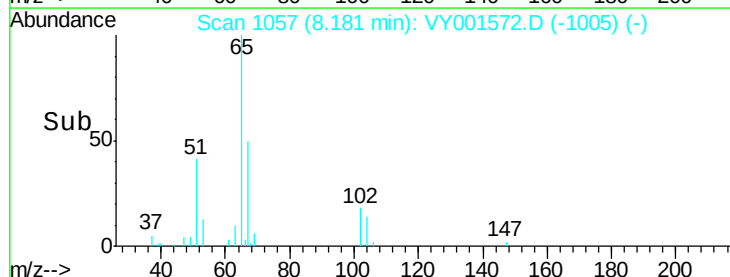
2000

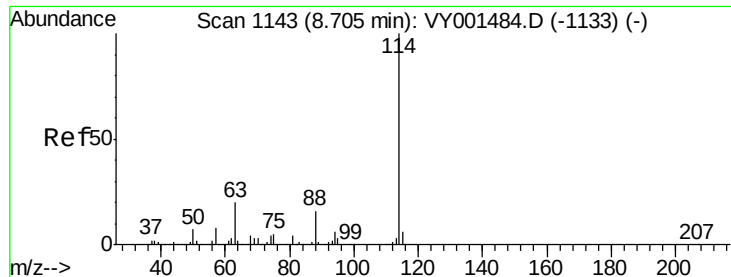
1000

0

8.10 8.15 8.20 8.25

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001572.D

Acq: 07 Feb 2020 21:57

Instrument :

MSVOA_Y

ClientSampleId :

P-1A

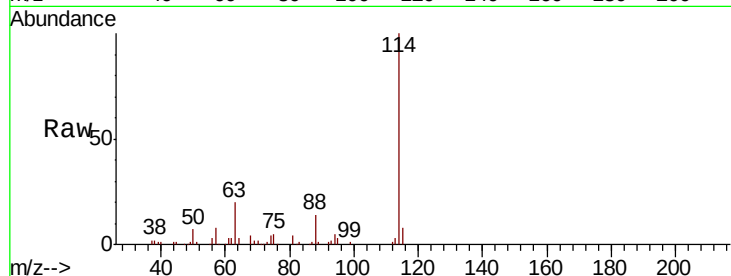
Tot Ion:114 Resp: 37918

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

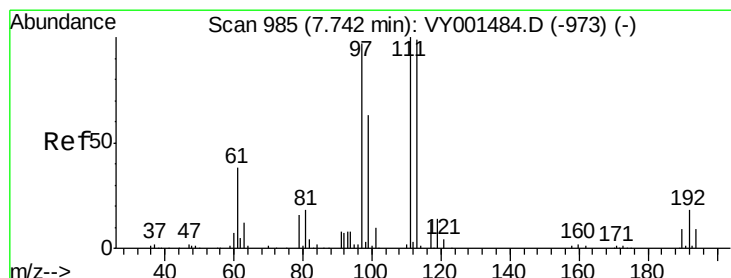
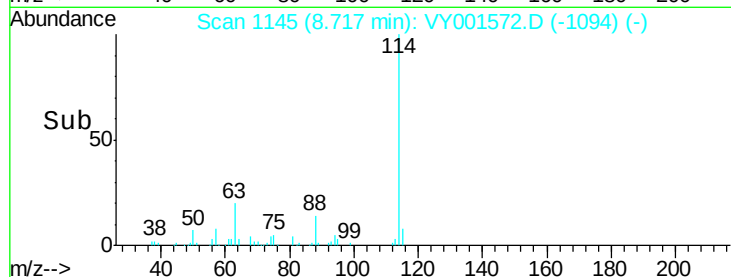
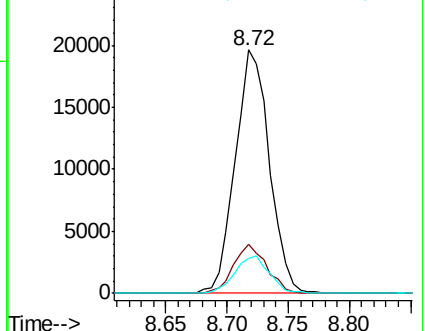
88 14.2 0.0 32.6



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: 46.658 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.02 min

Lab File: VY001572.D

Acq: 07 Feb 2020 21:57

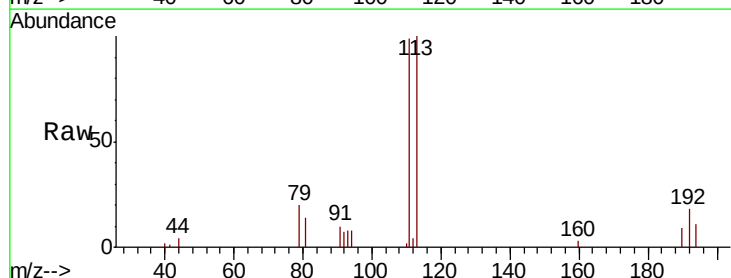
Tgt Ion:113 Resp: 10202

Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

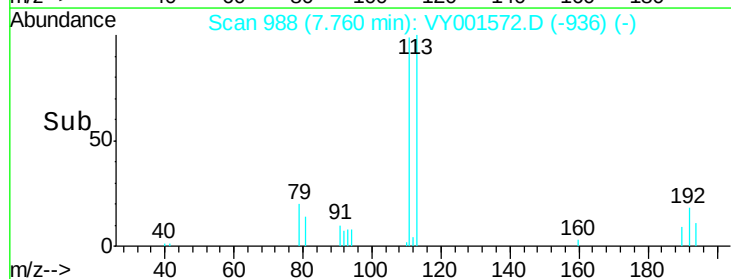
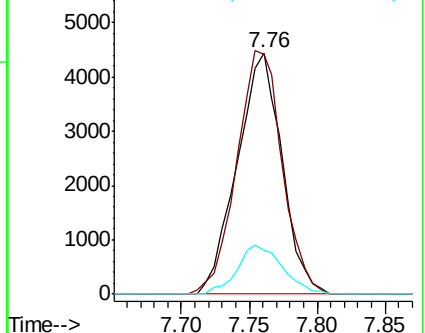
192 20.5 14.6 22.0

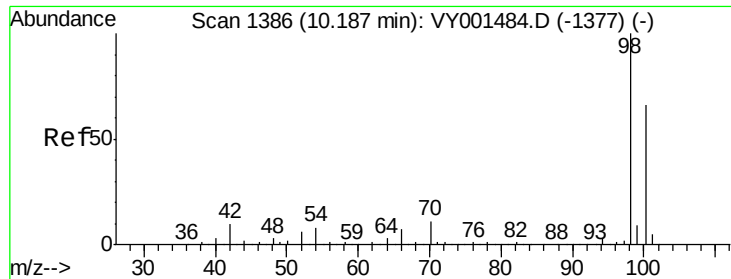


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.092 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001572.D

Acq: 07 Feb 2020 21:57

Instrument :

MSVOA_Y

ClientSampled :

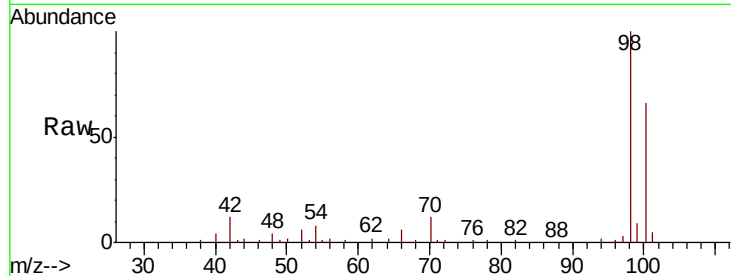
P-1A

Tot Ion: 98 Resp: 43921

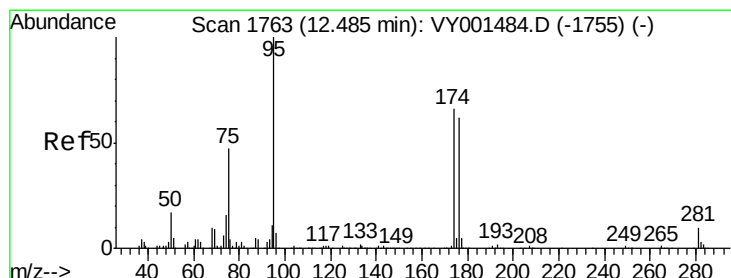
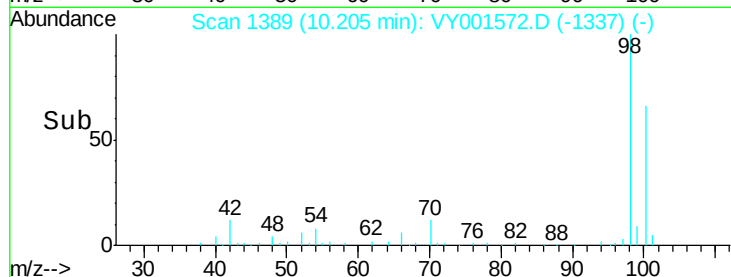
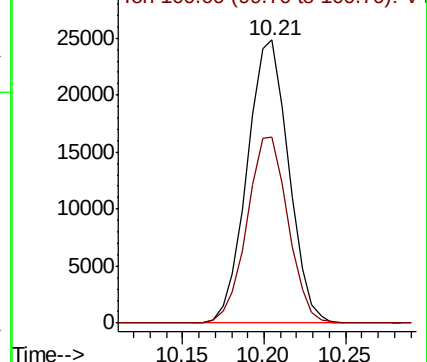
Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001484.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 39.945 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001572.D

Acq: 07 Feb 2020 21:57

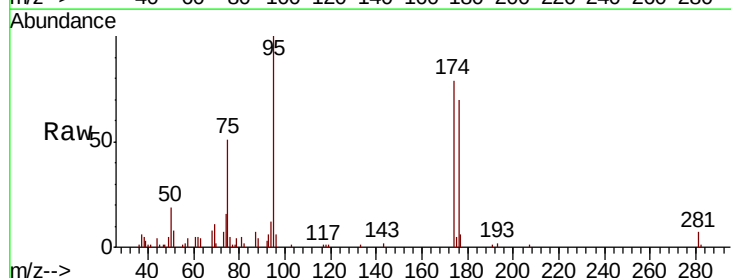
Tgt Ion: 95 Resp: 13018

Ion Ratio Lower Upper

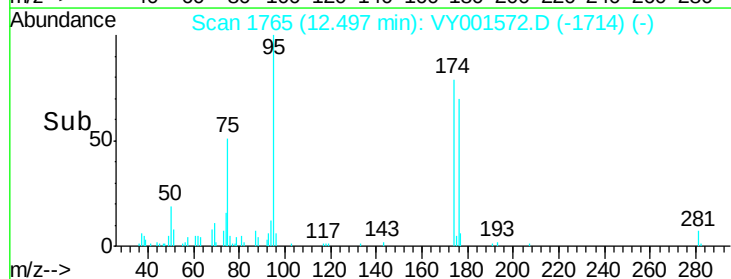
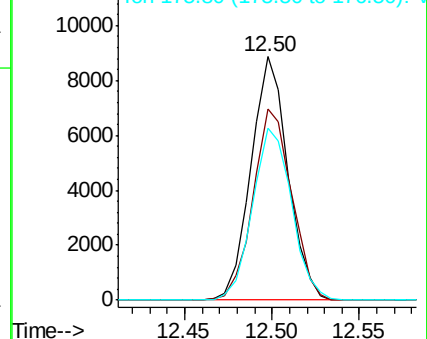
95 100

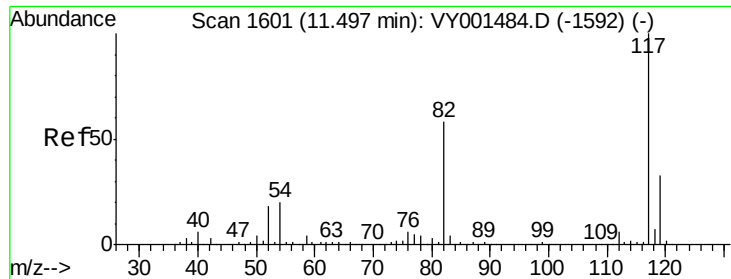
174 81.9 0.0 141.4

176 74.8 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001484.D (-1755) (-)

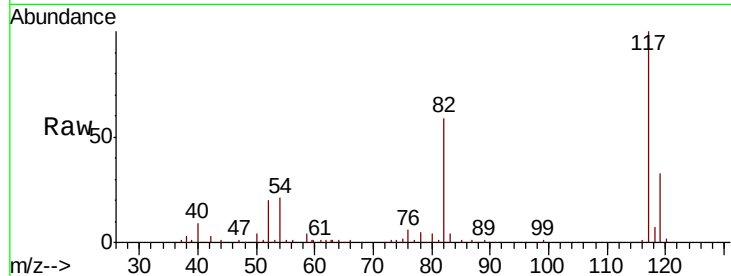




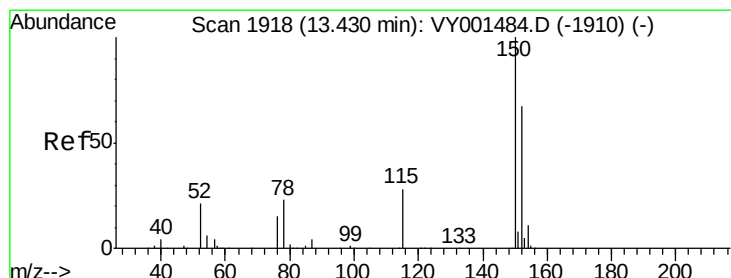
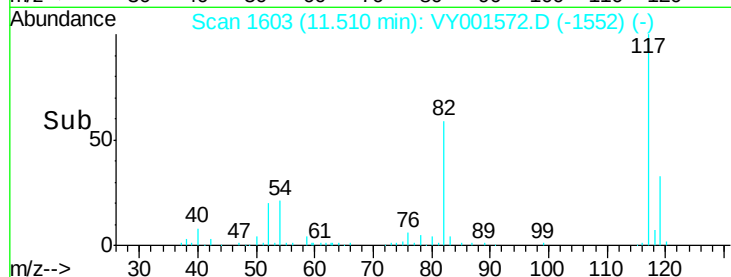
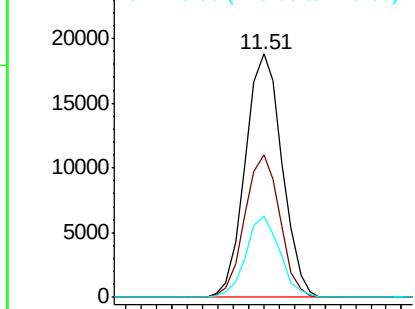
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001572.D
Acq: 07 Feb 2020 21:57

Instrument :
MSVOA_Y
ClientSampleId :
P-1A

Tot Ion:117 Resp: 31500
Ion Ratio Lower Upper
117 100
82 58.8 46.1 69.1
119 33.2 26.1 39.1

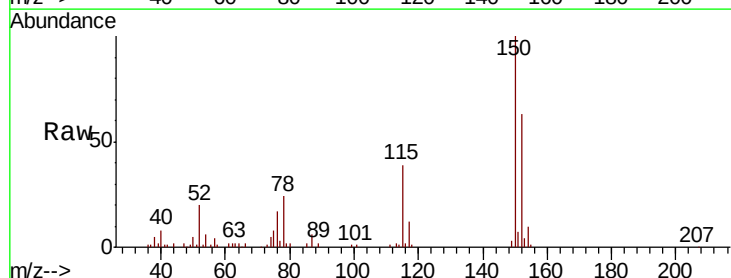


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001572.D
Acq: 07 Feb 2020 21:57

Tgt Ion:152 Resp: 13413
Ion Ratio Lower Upper
152 100
115 61.1 31.4 94.3
150 154.4 0.0 346.8



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

