

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001531.D
 Acq On : 06 Feb 2020 15:26
 Operator : SY/MD
 Sample : L1360-04RE
 Misc : 13.05G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4RE

Quant Time: Feb 07 04:29:24 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	7.82	168	169584	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	313478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	292467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	138157	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	104193	61.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.04%	
35) Dibromofluoromethane	7.75	113	92525	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
50) Toluene-d8	10.19	98	372060	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
62) 4-Bromofluorobenzene	12.49	95	144243	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	

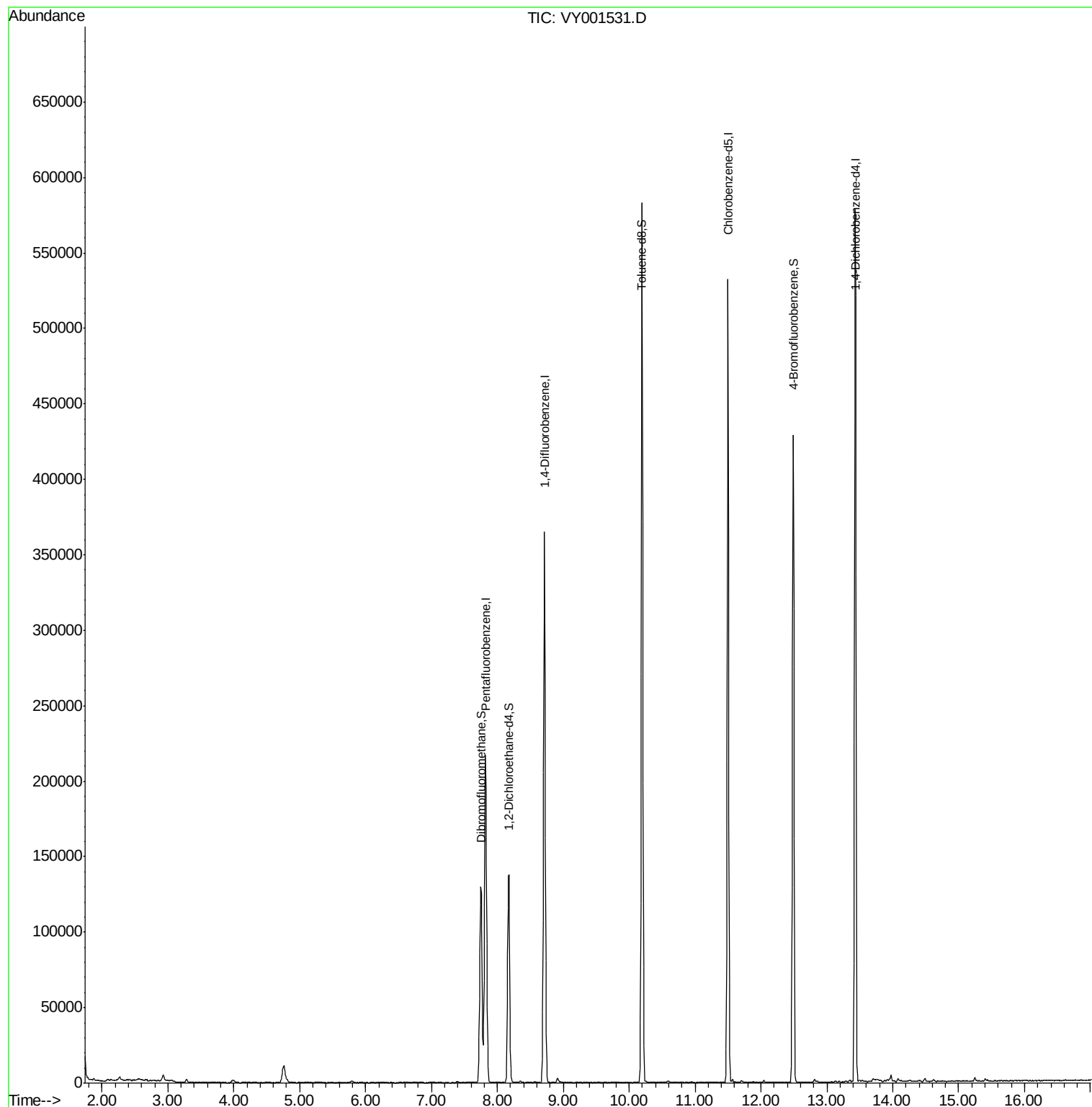
Target Compounds	Qvalue
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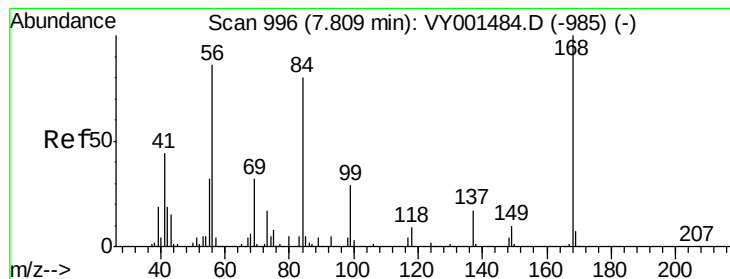
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001531.D

Acq: 06 Feb 2020 15:26

Instrument :

MSVOA_Y

ClientSampleId :

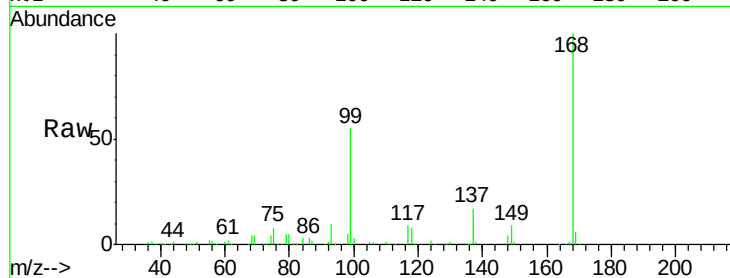
TP-4RE

Tot Ion:168 Resp: 169584

Ion Ratio Lower Upper

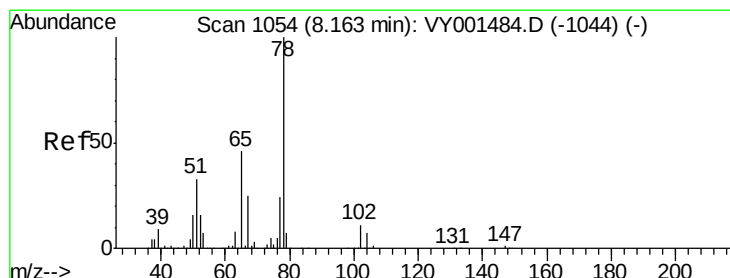
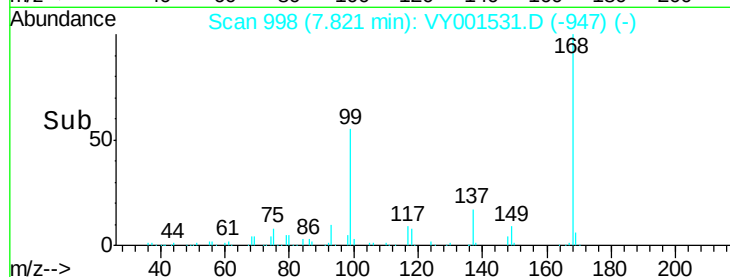
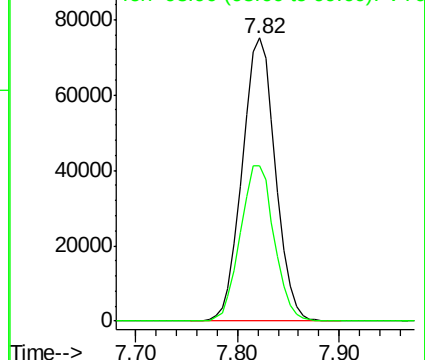
168 100

99 55.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001531.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001531.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 61.022 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001531.D

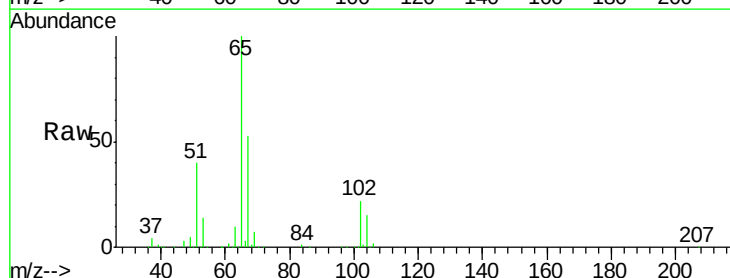
Acq: 06 Feb 2020 15:26

Tgt Ion: 65 Resp: 104193

Ion Ratio Lower Upper

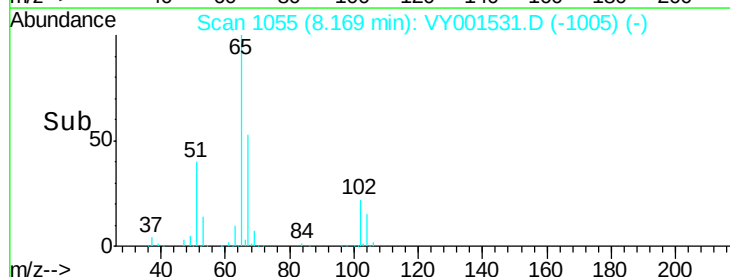
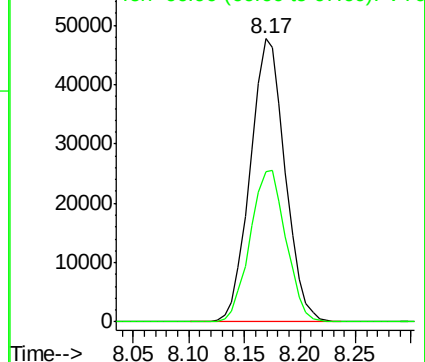
65 100

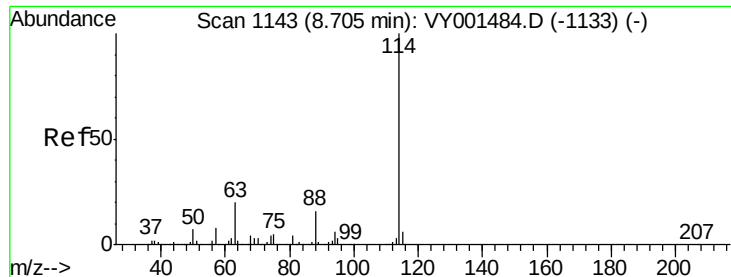
67 54.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001531.D (-1005) (-)

Ion 66.90 (66.60 to 67.60): VY001531.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001531.D

Acq: 06 Feb 2020 15:26

Instrument :

MSVOA_Y

ClientSampleId :

TP-4RE

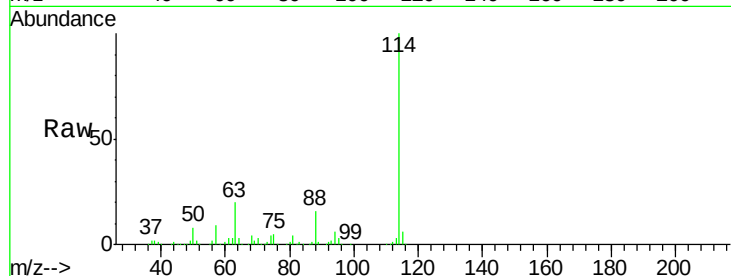
Tot Ion:114 Resp: 313478

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

88 15.5 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

200000

150000

100000

50000

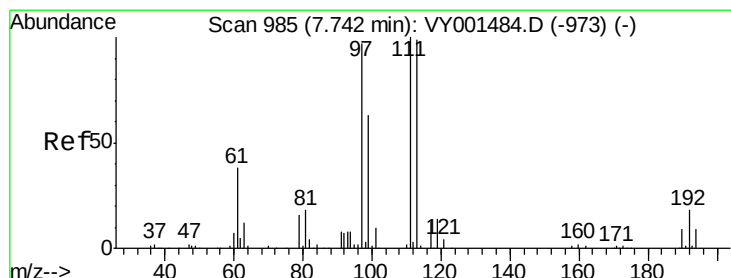
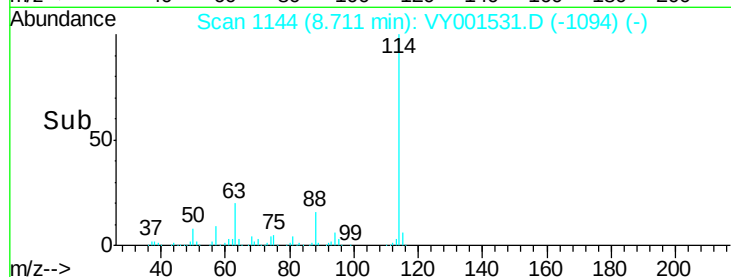
0

8.60

8.71

8.80

Time-->



#35

Dibromofluoromethane

Concen: 51.185 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001531.D

Acq: 06 Feb 2020 15:26

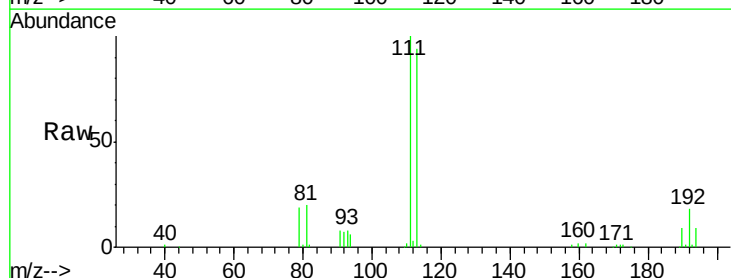
Tgt Ion:113 Resp: 92525

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 19.2 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

50000

40000

30000

20000

10000

0

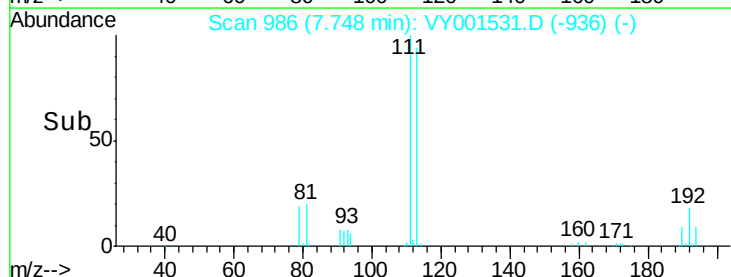
7.60

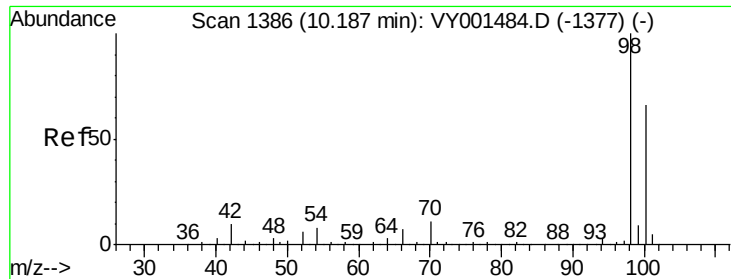
7.75

7.80

7.90

Time-->





#50

Toluene-d8

Concen: 54.401 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001531.D

Acq: 06 Feb 2020 15:26

Instrument :

MSVOA_Y

ClientSampleId :

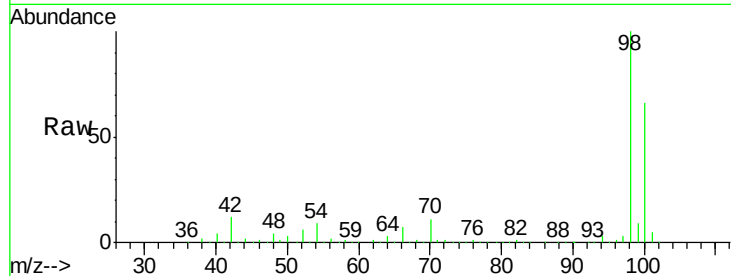
TP-4RE

Tot Ion: 98 Resp: 372060

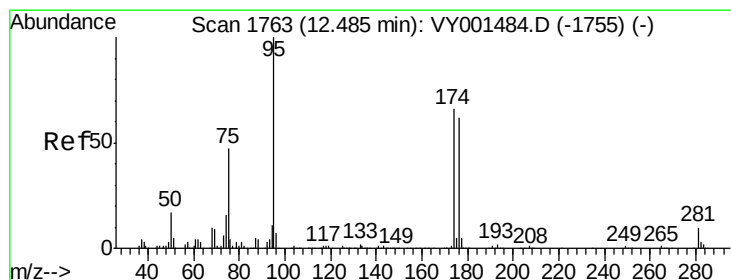
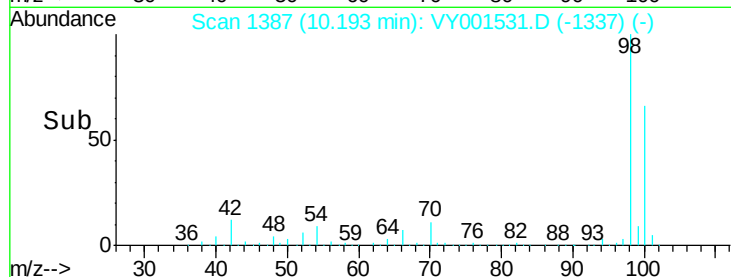
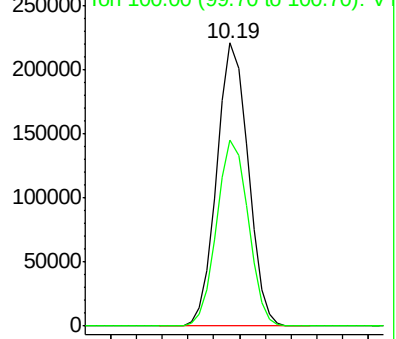
Ion Ratio Lower Upper

98 100

100 66.0 53.0 79.6



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



#62

4-Bromofluorobenzene

Concen: 53.537 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001531.D

Acq: 06 Feb 2020 15:26

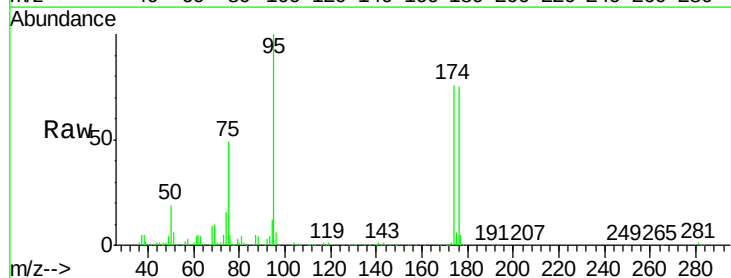
Tgt Ion: 95 Resp: 144243

Ion Ratio Lower Upper

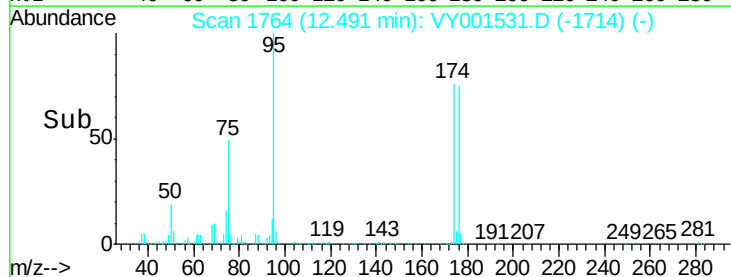
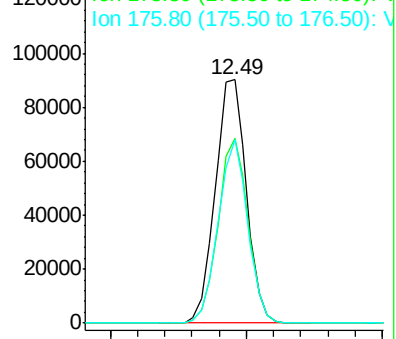
95 100

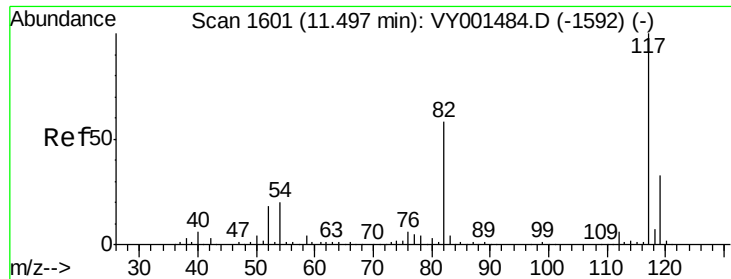
174 73.4 0.0 141.4

176 71.5 0.0 135.4



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

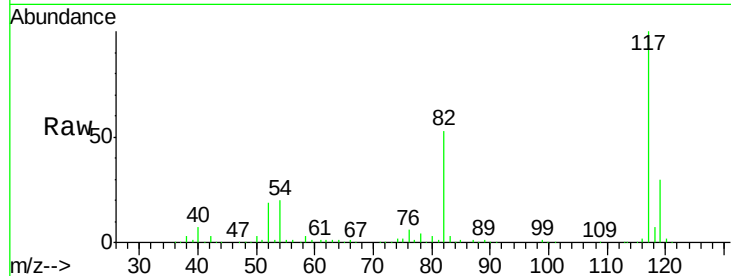




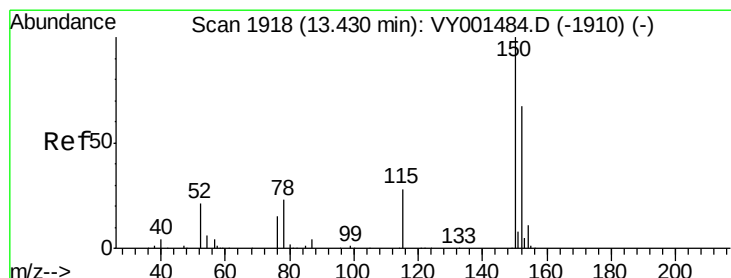
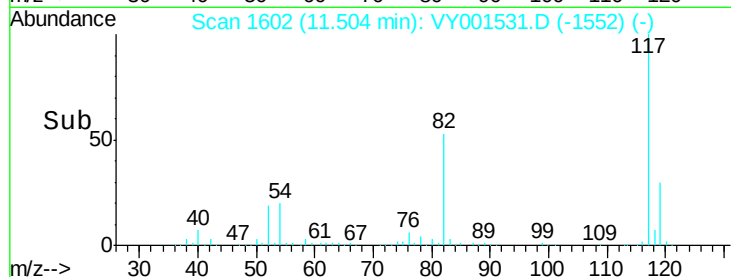
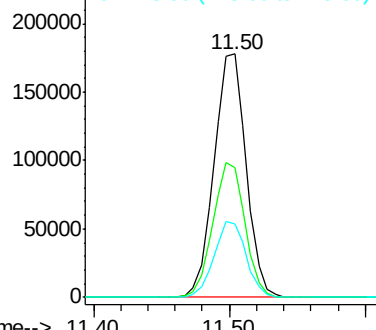
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001531.D
Acq: 06 Feb 2020 15:26

Instrument :
MSVOA_Y
ClientSampled :
TP-4RE

Tot Ion:117 Resp: 292467
Ion Ratio Lower Upper
117 100
82 53.4 46.1 69.1
119 30.3 26.1 39.1

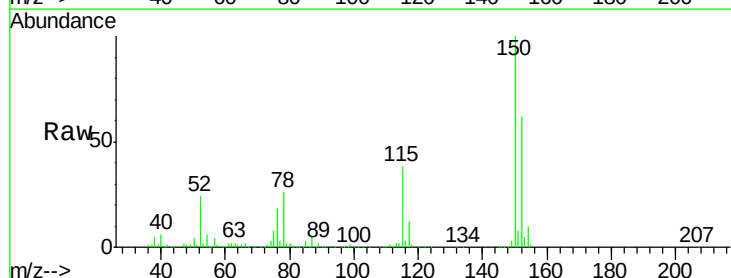


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001531.D
Acq: 06 Feb 2020 15:26

Tgt Ion:152 Resp: 138157
Ion Ratio Lower Upper
152 100
115 60.3 31.4 94.3
150 158.1 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

