

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001533.D
 Acq On : 06 Feb 2020 16:12
 Operator : SY/MD
 Sample : L1360-03RE
 Misc : 16.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3RE

Quant Time: Feb 07 04:32:35 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	168191	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	313473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	290147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	141310	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	102710	60.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.30%	
35) Dibromofluoromethane	7.75	113	94864	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
50) Toluene-d8	10.19	98	373107	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.49	95	140628	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	

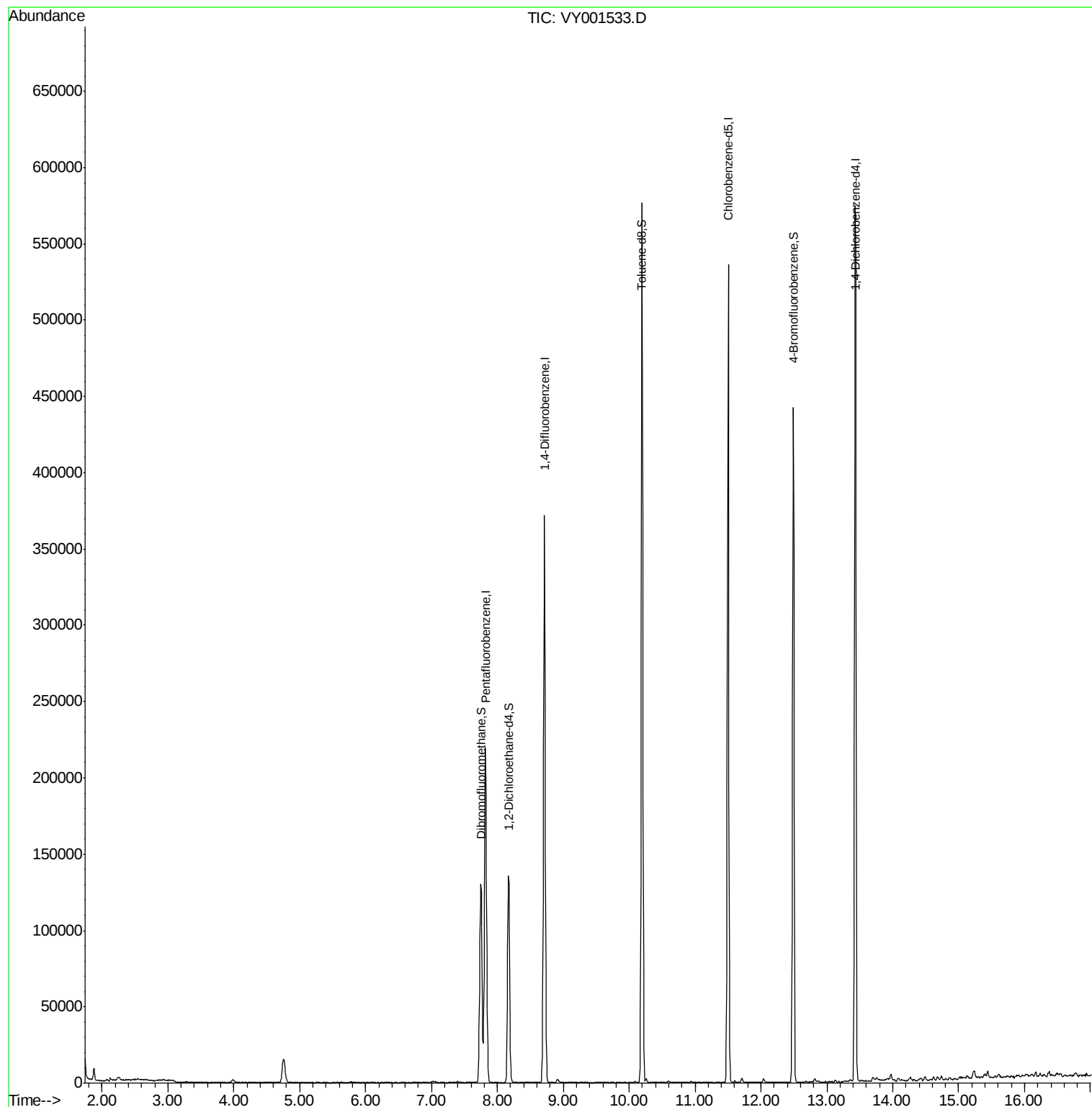
Target Compounds	Qvalue

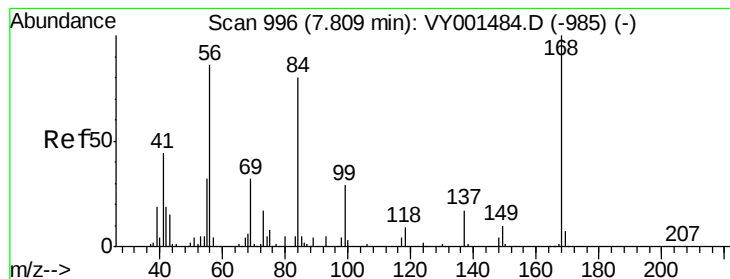
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001533.D

Acq: 06 Feb 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

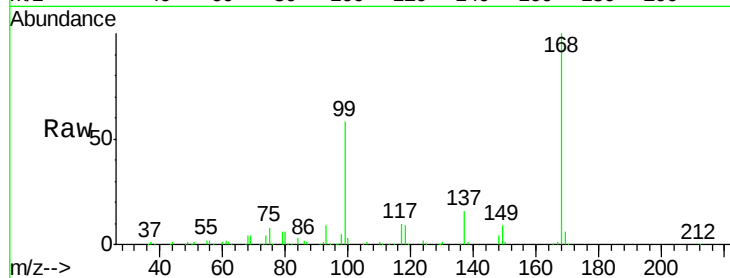
TP-3RE

Tot Ion:168 Resp: 168191

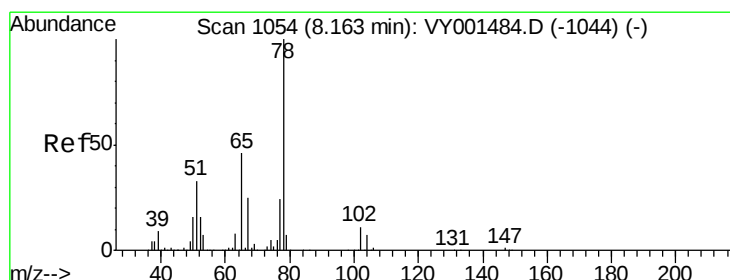
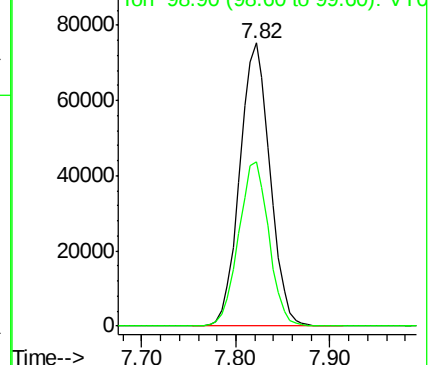
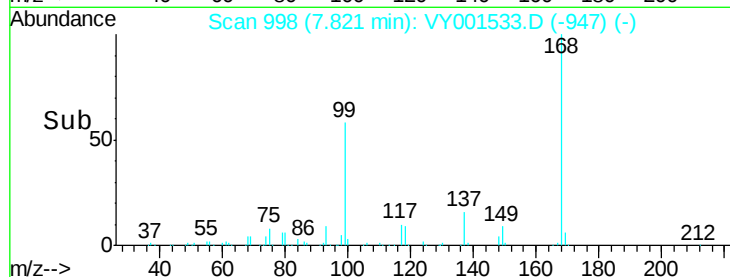
Ion Ratio Lower Upper

168 100

99 58.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001533.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 60.652 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001533.D

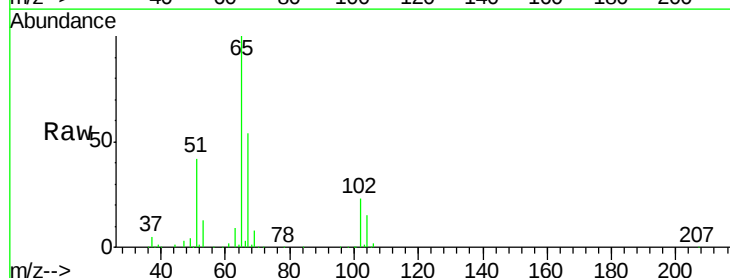
Acq: 06 Feb 2020 16:12

Tgt Ion: 65 Resp: 102710

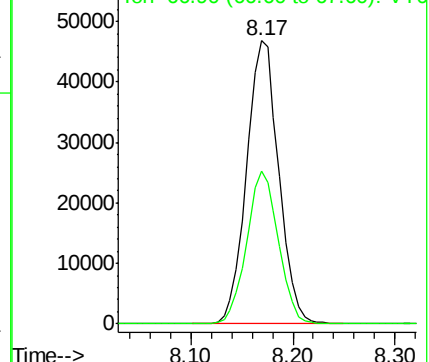
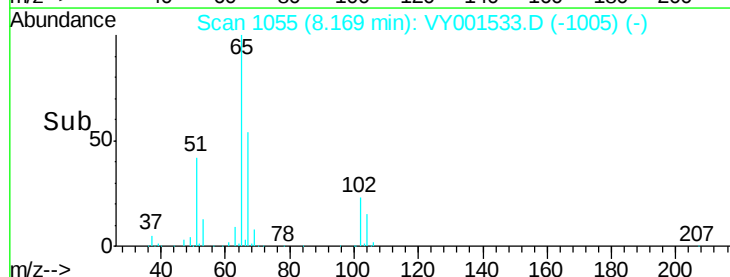
Ion Ratio Lower Upper

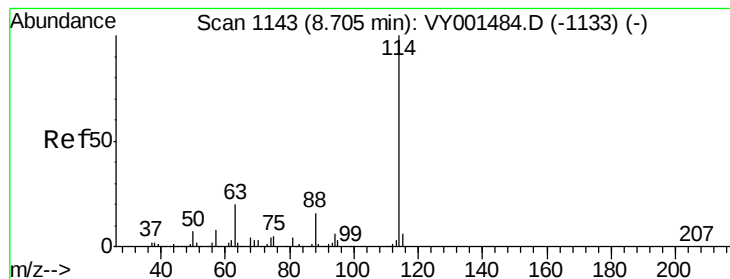
65 100

67 53.1 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001533.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: VY001533.D

Acq: 06 Feb 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

TP-3RE

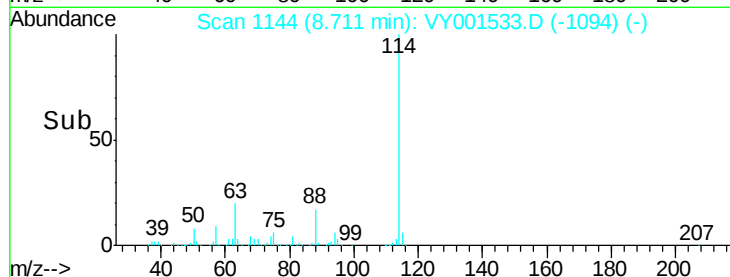
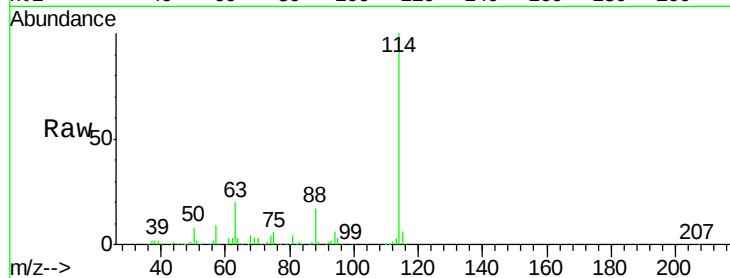
Tot Ion:114 Resp: 313473

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

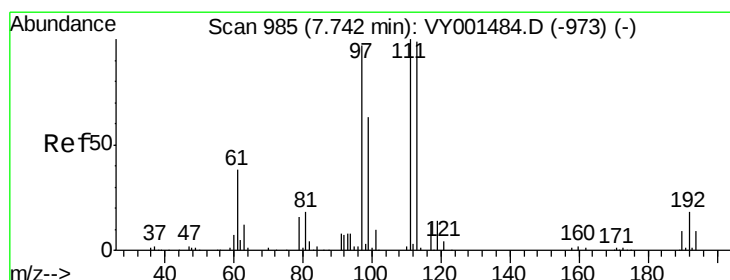
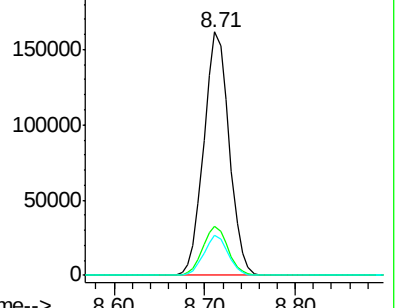
88 16.6 0.0 32.6



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: 52.480 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001533.D

Acq: 06 Feb 2020 16:12

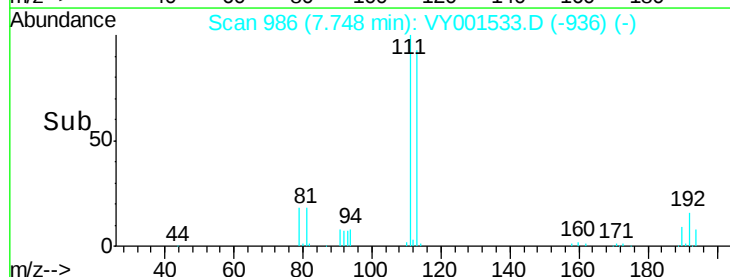
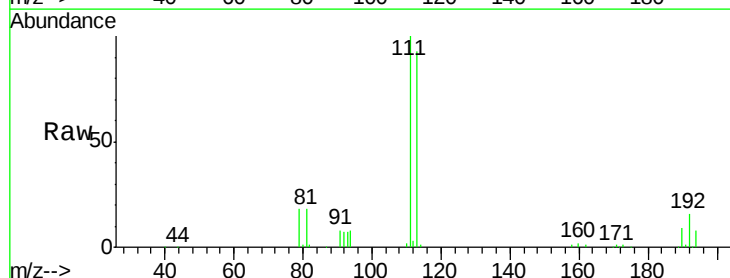
Tgt Ion:113 Resp: 94864

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

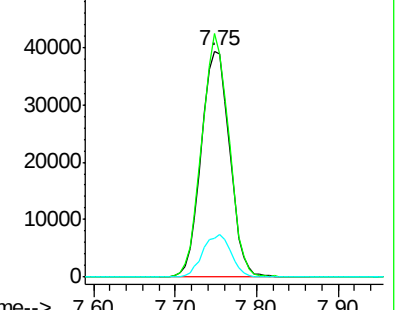
192 18.9 14.6 22.0

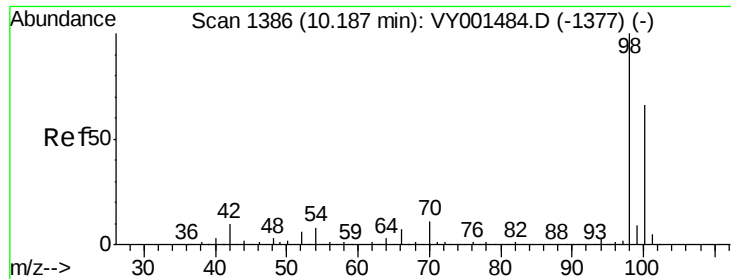


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.555 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001533.D

Acq: 06 Feb 2020 16:12

Instrument :

MSVOA_Y

ClientSampleId :

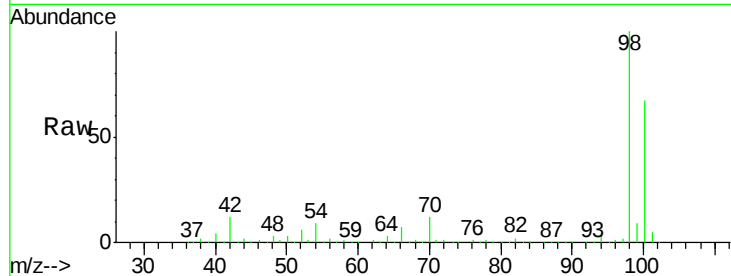
TP-3RE

Tot Ion: 98 Resp: 373107

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001533.D (-1337) (-)

Ion 100.00 (99.70 to 100.70): VY001533.D (-1337) (-)

10.19

250000

200000

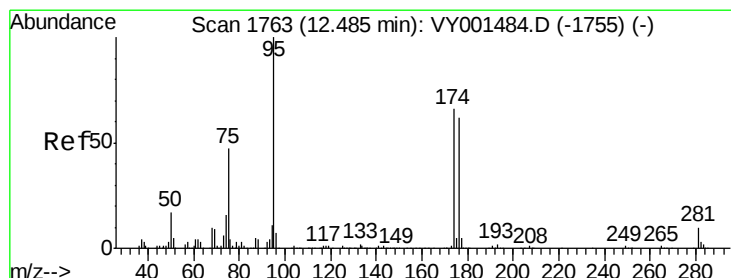
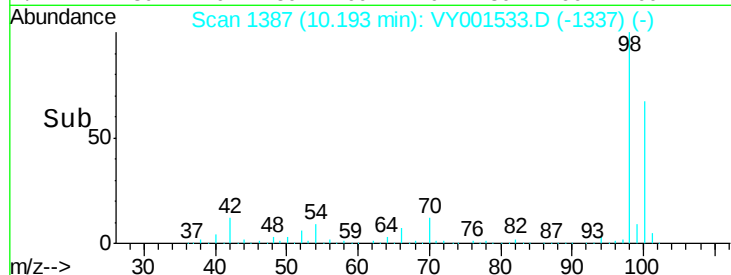
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.196 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001533.D

Acq: 06 Feb 2020 16:12

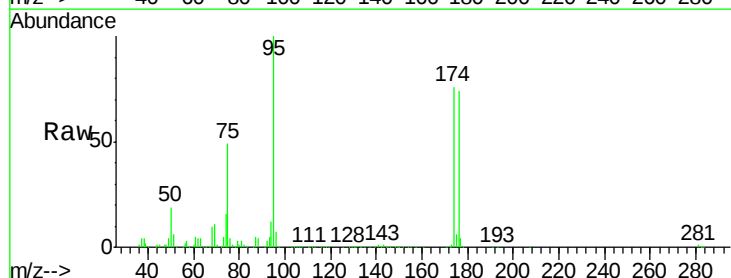
Tgt Ion: 95 Resp: 140628

Ion Ratio Lower Upper

95 100

174 74.0 0.0 141.4

176 72.2 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VY001533.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY001533.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY001533.D (-1714) (-)

12.49

120000

100000

80000

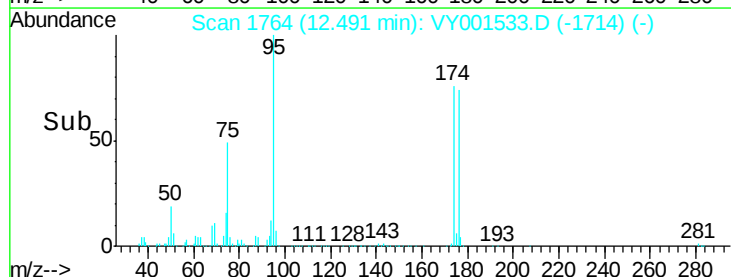
60000

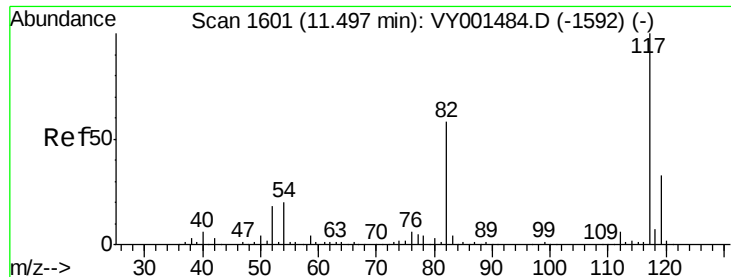
40000

20000

0

Time-->

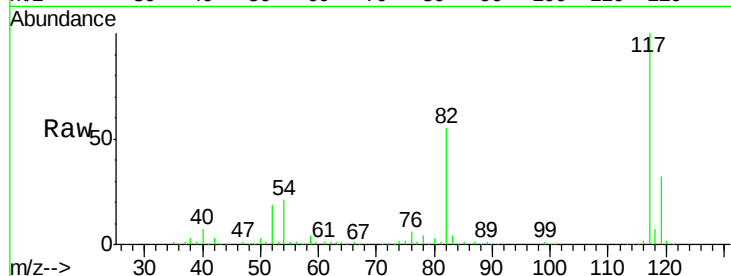




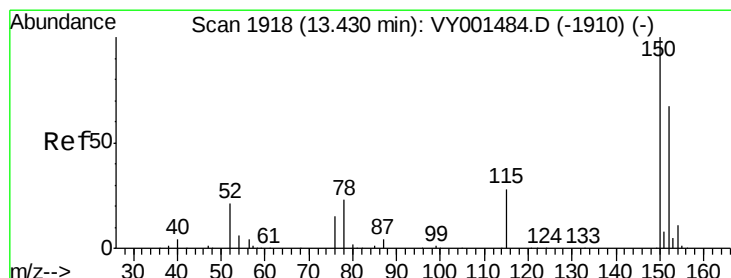
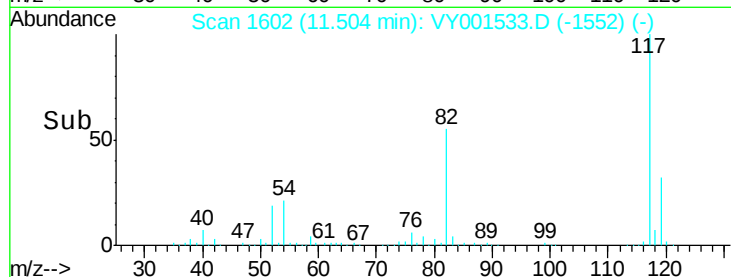
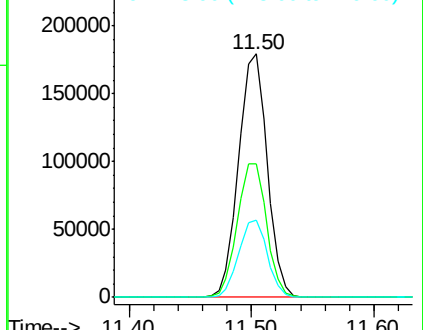
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001533.D
Acq: 06 Feb 2020 16:12

Instrument :
MSVOA_Y
ClientSampleId :
TP-3RE

Tot Ion:117 Resp: 290147
Ion Ratio Lower Upper
117 100
82 55.0 46.1 69.1
119 31.9 26.1 39.1

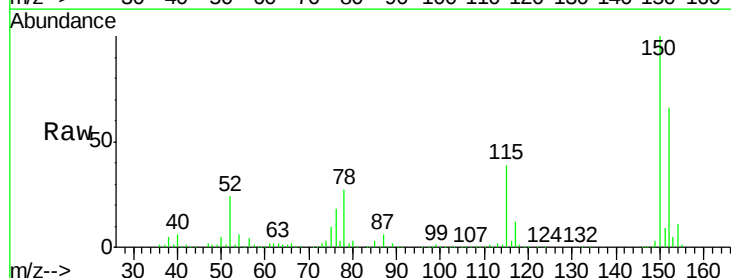


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001533.D
Acq: 06 Feb 2020 16:12

Tgt Ion:152 Resp: 141310
Ion Ratio Lower Upper
152 100
115 58.8 31.4 94.3
150 155.1 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

