

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001541.D
 Acq On : 06 Feb 2020 19:10
 Operator : SY/MD
 Sample : L1421-01
 Misc : 5.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-12017

Quant Time: Feb 07 05:35:53 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	160606	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	297244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	271939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	126280	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	98406	60.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.70%	
35) Dibromofluoromethane	7.75	113	88207	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	10.19	98	353601	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
62) 4-Bromofluorobenzene	12.49	95	129902	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

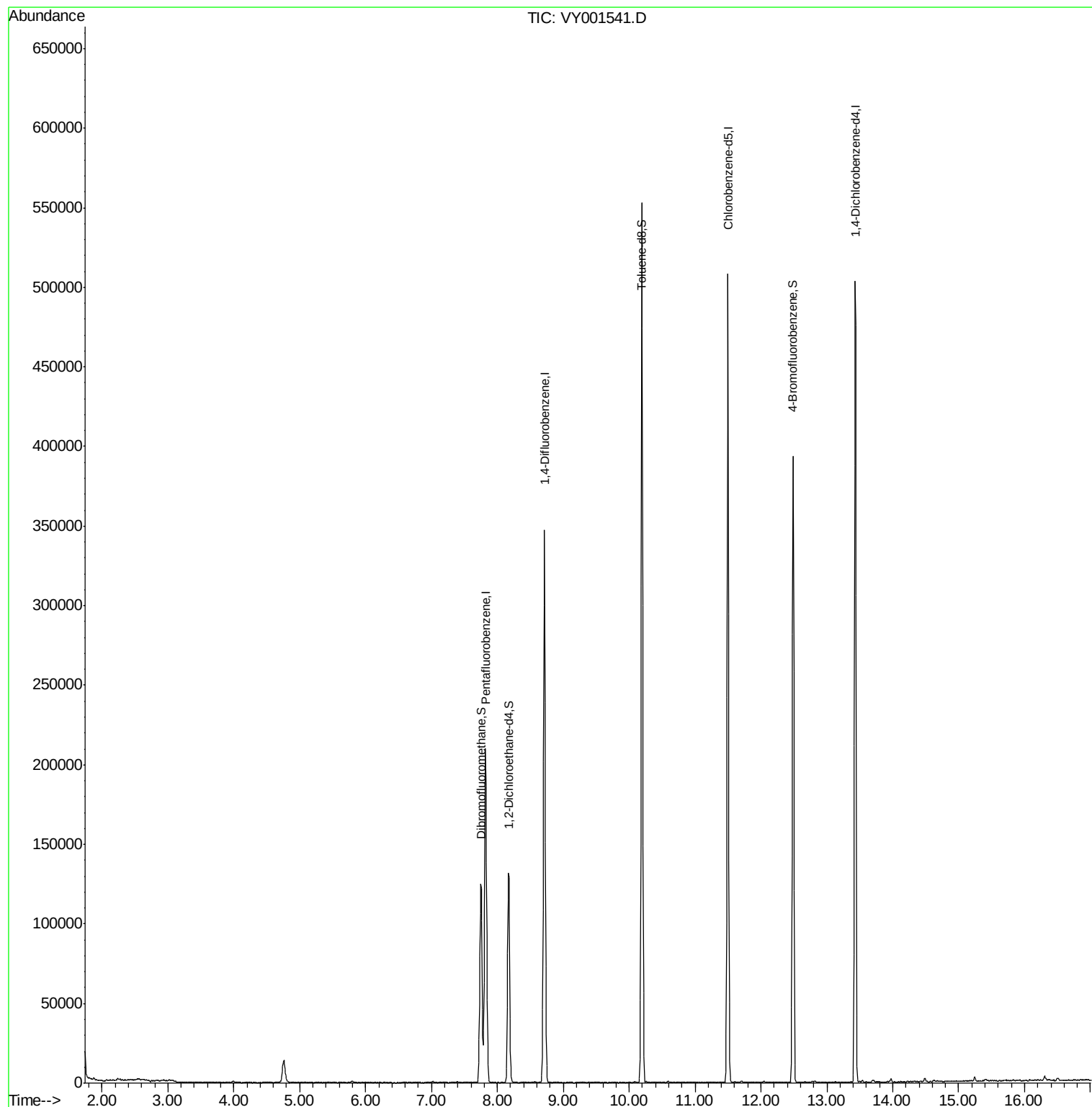
Target Compounds	Qvalue

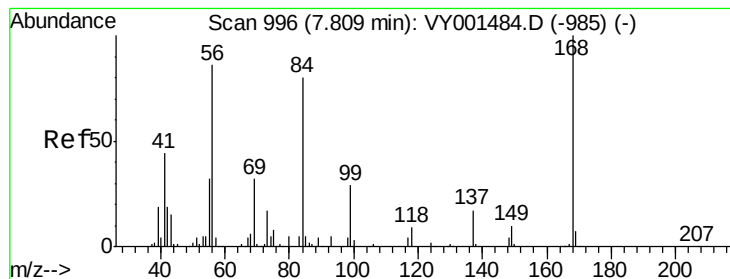
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

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Instrument :

MSVOA_Y

ClientSampleId :

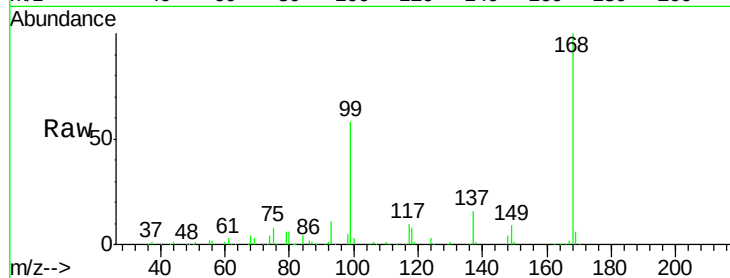
72-12017

Tot Ion:168 Resp: 160606

Ion Ratio Lower Upper

168 100

99 57.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.82

80000

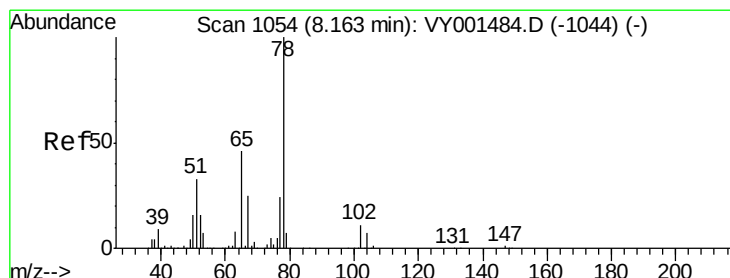
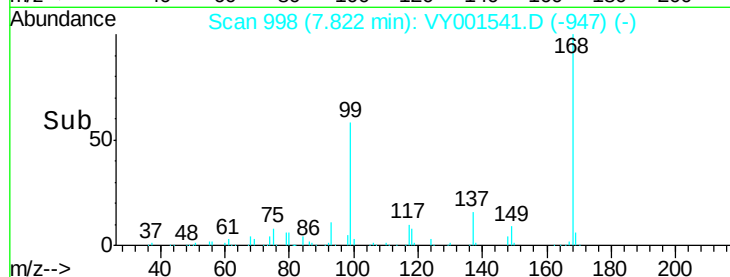
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 60.855 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001541.D

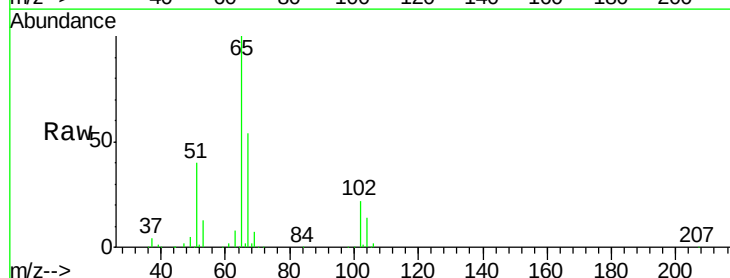
Acq: 06 Feb 2020 19:10

Tgt Ion: 65 Resp: 98406

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

8.17

50000

40000

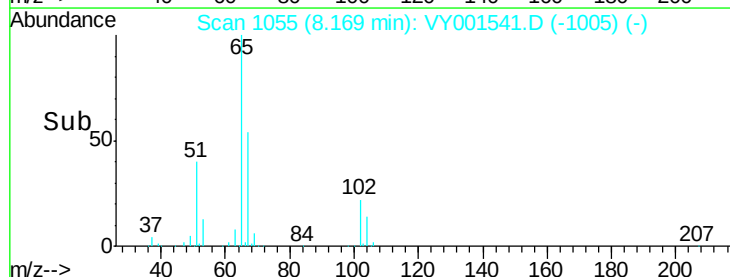
30000

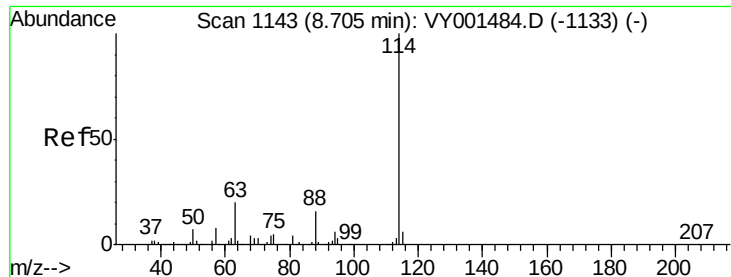
20000

10000

0

Time--> 8.10 8.20 8.30





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY001541.D

Acq: 06 Feb 2020 19:10

Instrument :

MSVOA_Y

ClientSampleId :

72-12017

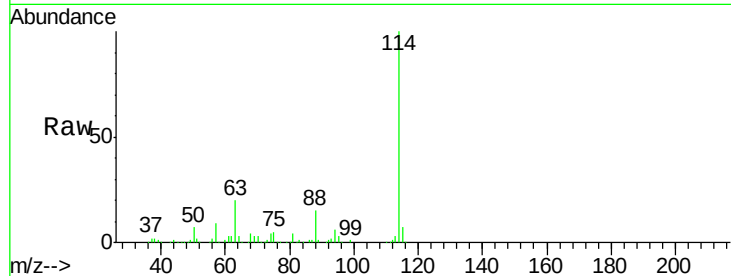
Tot Ion:114 Resp: 297244

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

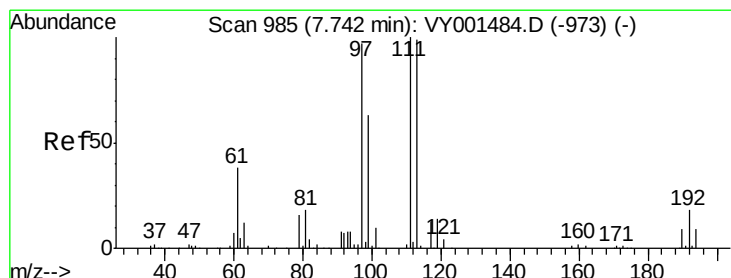
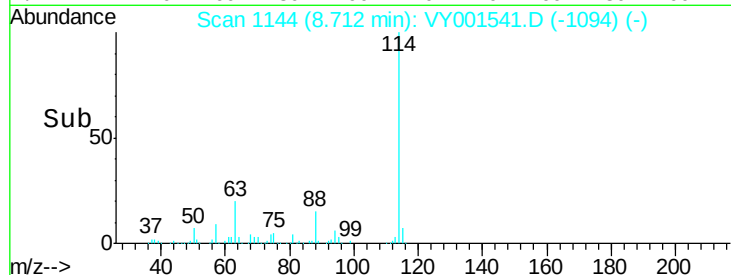
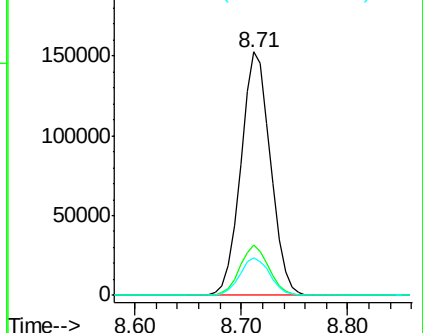
88 15.5 0.0 32.6



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



#35

Dibromofluoromethane

Concen: 51.461 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001541.D

Acq: 06 Feb 2020 19:10

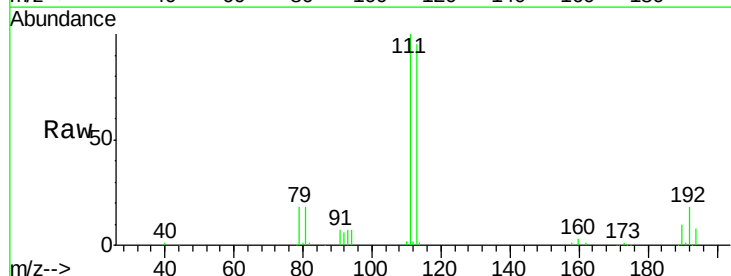
Tgt Ion:113 Resp: 88207

Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

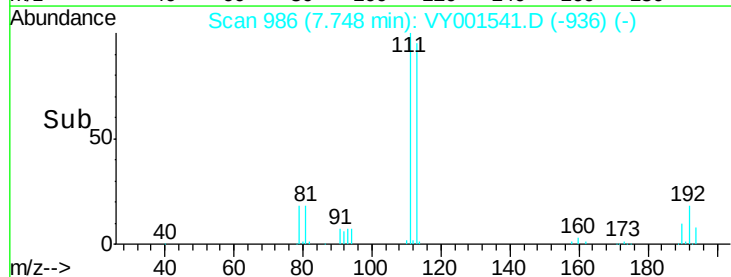
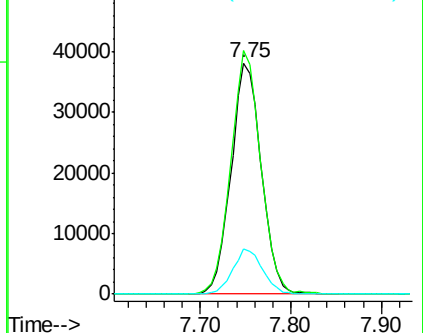
192 19.3 14.6 22.0

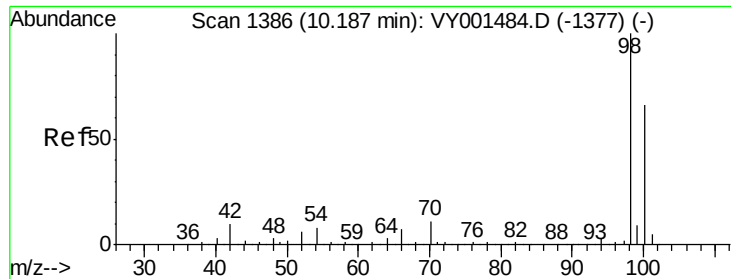


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.526 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001541.D

Acq: 06 Feb 2020 19:10

Instrument :

MSVOA_Y

ClientSampleId :

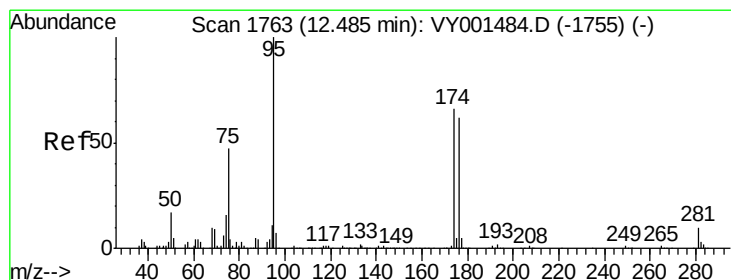
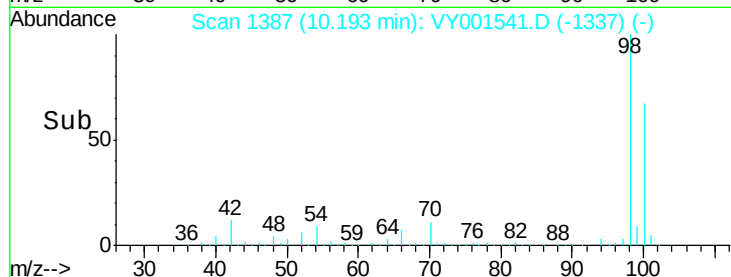
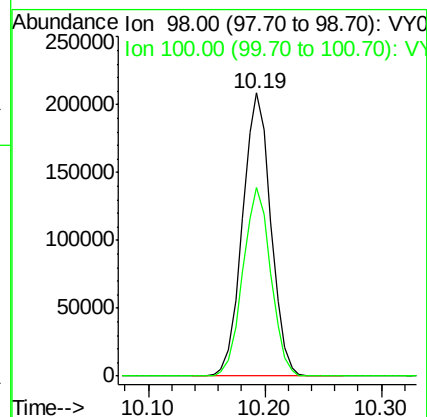
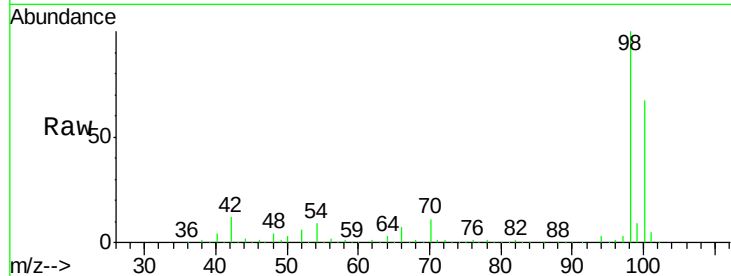
72-12017

Tot Ion: 98 Resp: 353601

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 50.847 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY001541.D

Acq: 06 Feb 2020 19:10

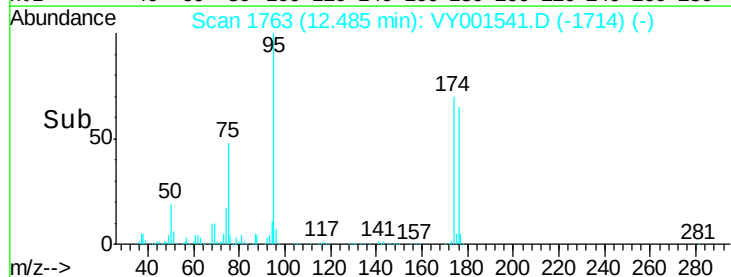
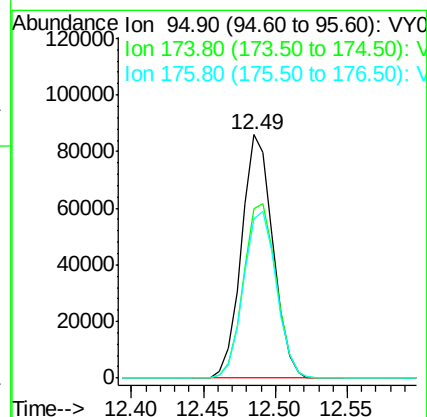
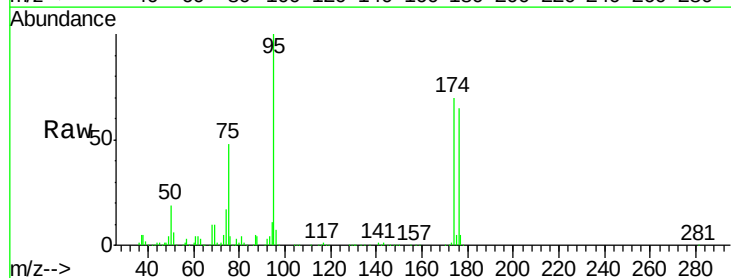
Tgt Ion: 95 Resp: 129902

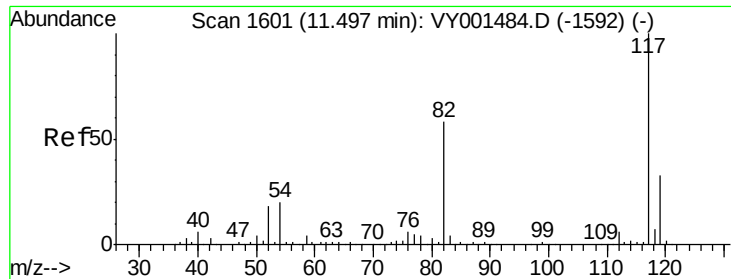
Ion Ratio Lower Upper

95 100

174 74.9 0.0 141.4

176 71.6 0.0 135.4

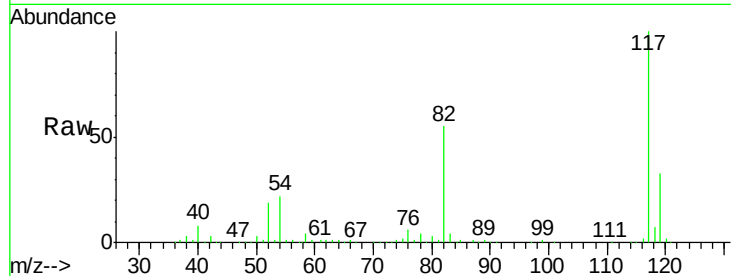




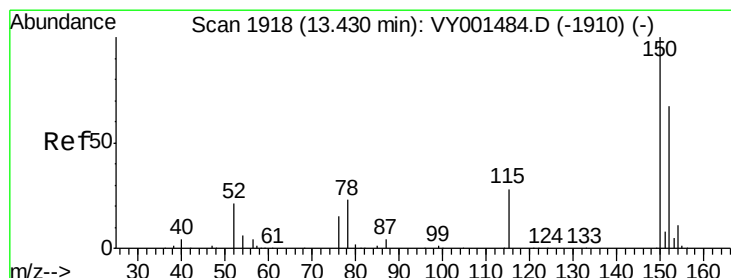
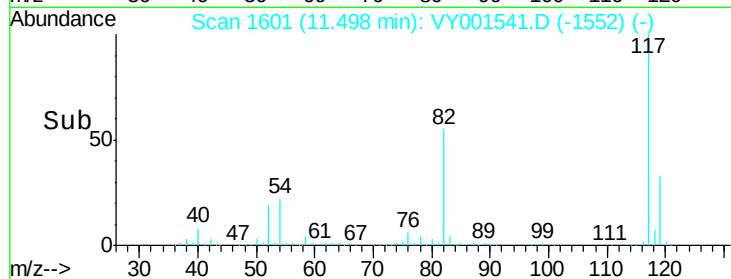
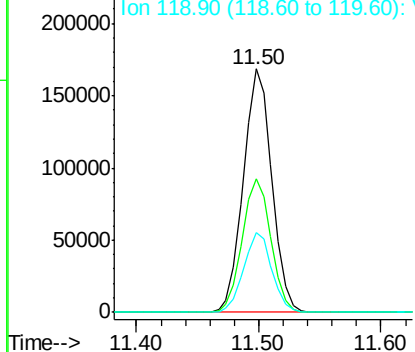
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001541.D
Acq: 06 Feb 2020 19:10

Instrument :
MSVOA_Y
ClientSampleId :
72-12017

Tot Ion:117 Resp: 271939
Ion Ratio Lower Upper
117 100
82 54.9 46.1 69.1
119 32.9 26.1 39.1

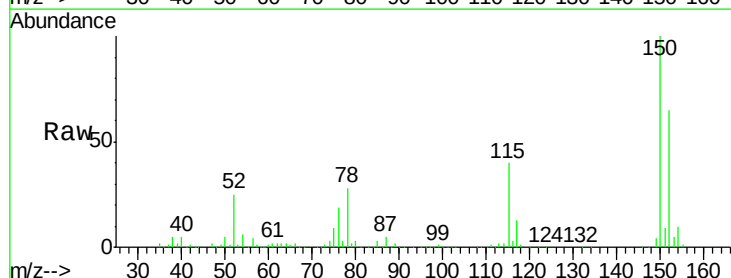


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001541.D
Acq: 06 Feb 2020 19:10

Tgt Ion:152 Resp: 126280
Ion Ratio Lower Upper
152 100
115 60.3 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

