

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000555.D
 Acq On : 06 Nov 2019 16:39
 Operator : SY/MD
 Sample : K5717-03
 Misc : 6.31G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VC-TP

Quant Time: Nov 07 06:10:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	195622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	354212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	322024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	147347	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	118946	58.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.52%	
35) Dibromofluoromethane	7.73	113	105346	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.18	98	409838	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.48	95	144575	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

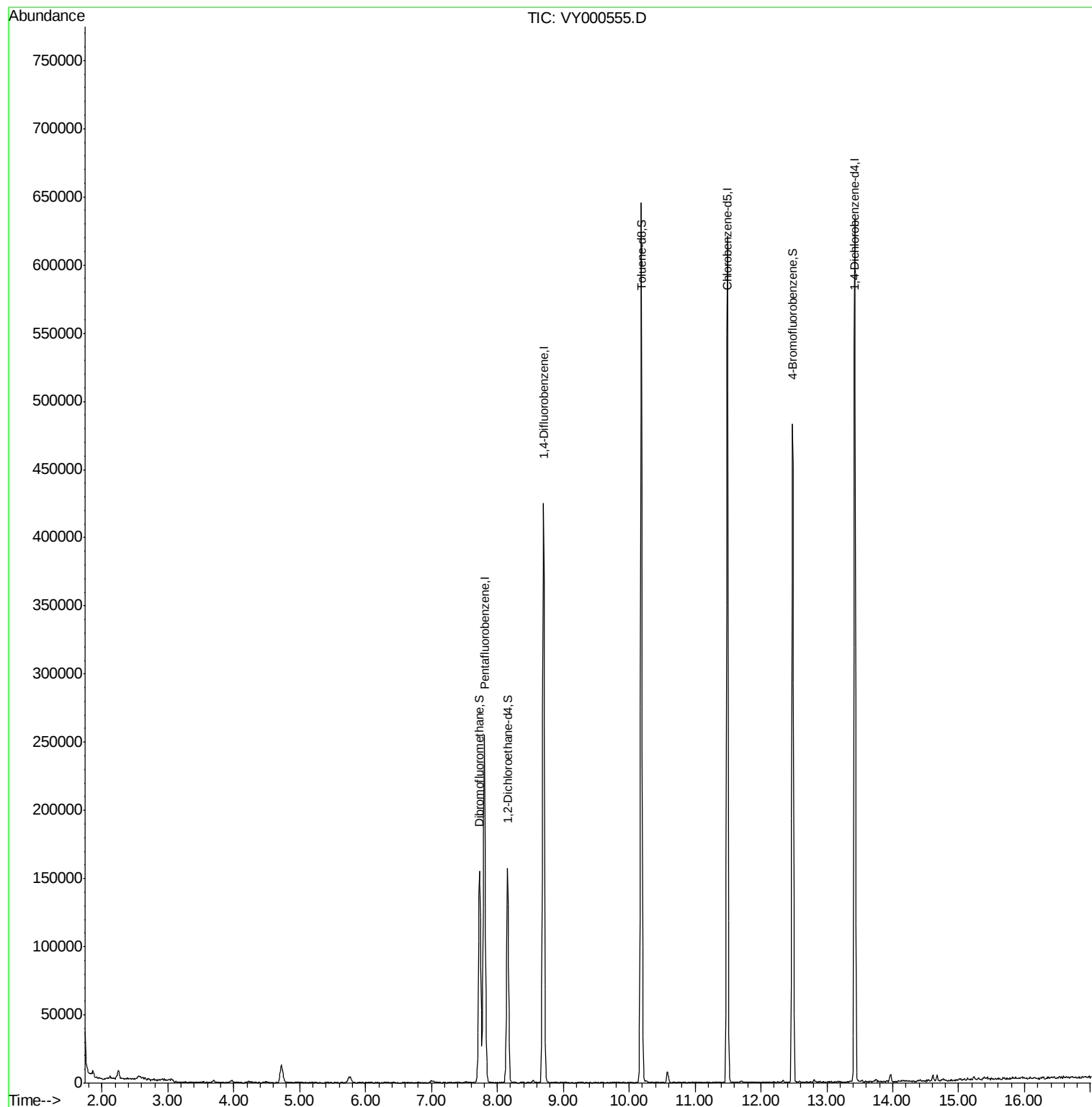
Target Compounds	Qvalue
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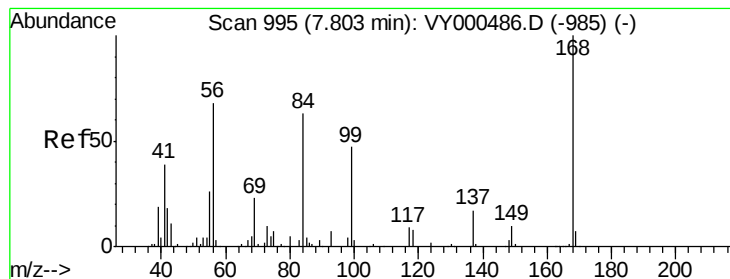
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000555.D

Acq: 06 Nov 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

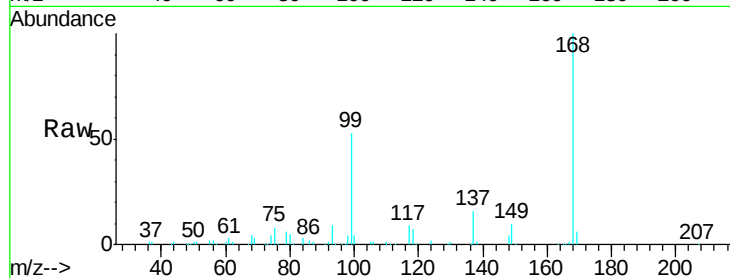
VC-TP

Tgt Ion: 168 Resp: 195622

Ion Ratio Lower Upper

168 100

99 53.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

100000

80000

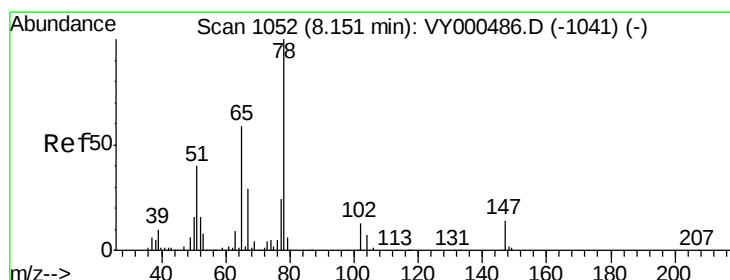
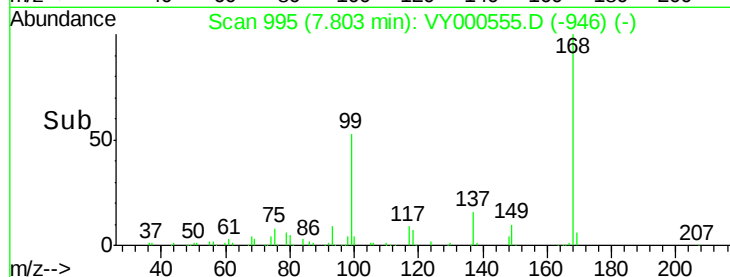
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.755 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000555.D

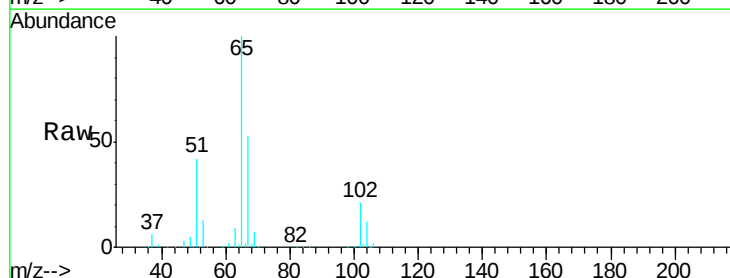
Acq: 06 Nov 2019 16:39

Tgt Ion: 65 Resp: 118946

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

8.16

60000

50000

40000

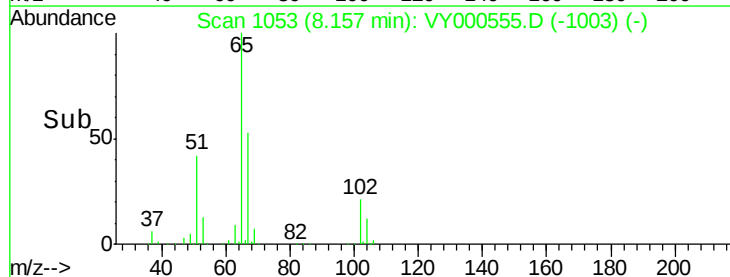
30000

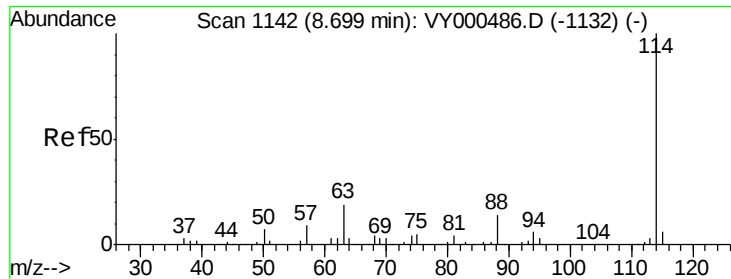
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000555.D

Acq: 06 Nov 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

VC-TP

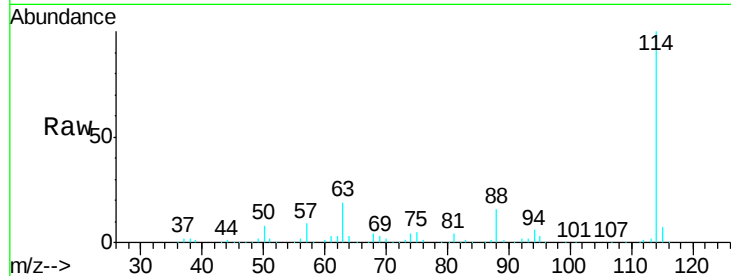
Tgt Ion:114 Resp: 354212

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

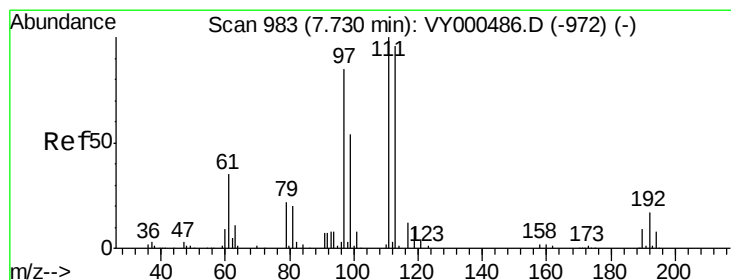
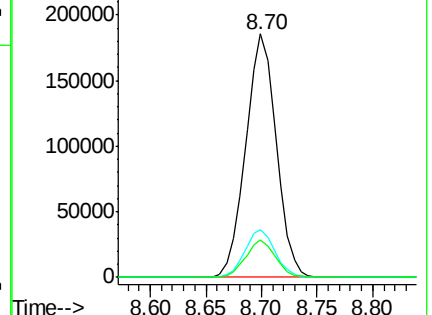
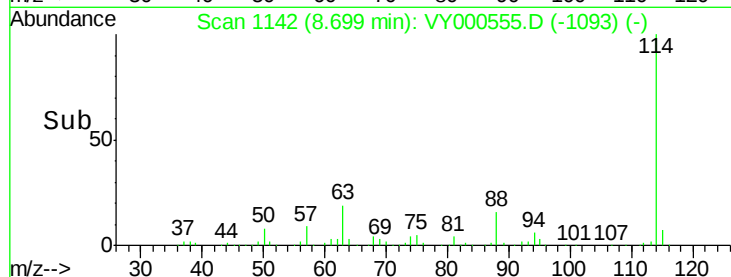
88 15.6 0.0 28.6



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: 50.660 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000555.D

Acq: 06 Nov 2019 16:39

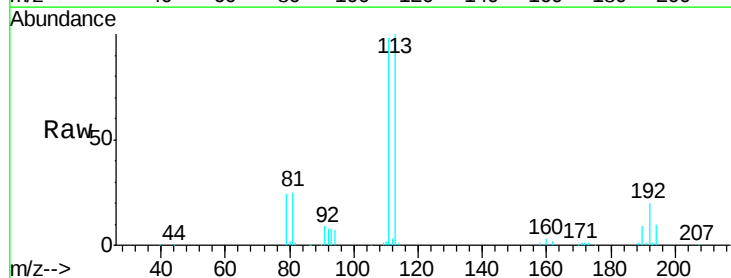
Tgt Ion:113 Resp: 105346

Ion Ratio Lower Upper

113 100

111 103.2 81.7 122.5

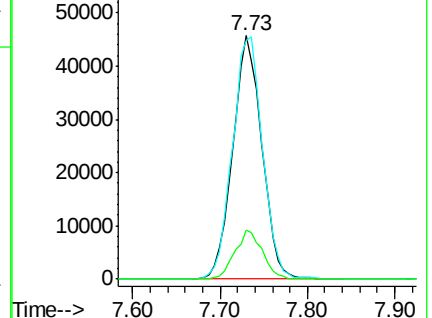
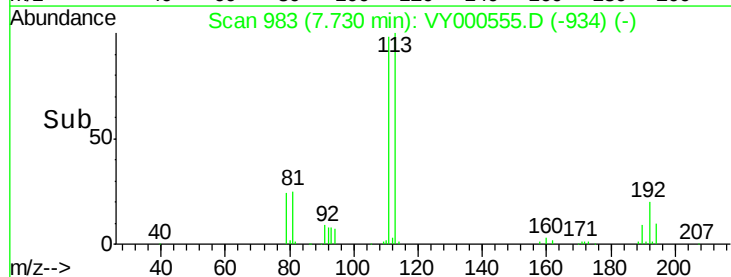
192 19.1 15.0 22.4

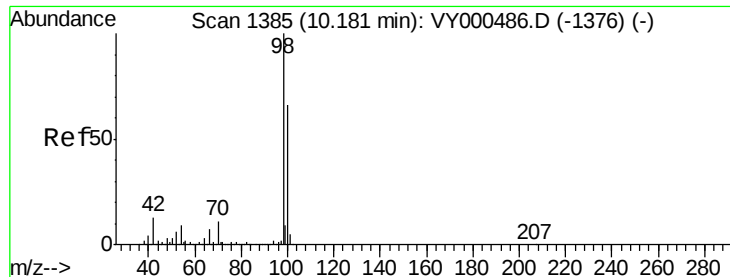


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.941 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000555.D

Acq: 06 Nov 2019 16:39

Instrument :

MSVOA_Y

ClientSampleId :

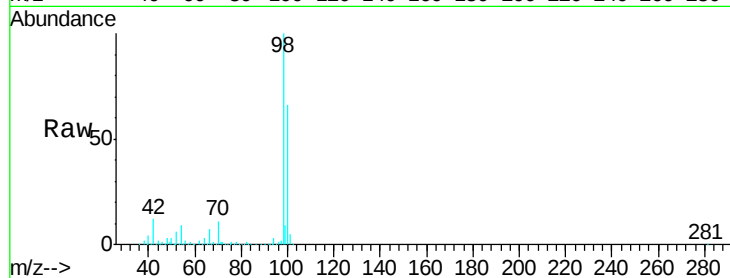
VC-TP

Tgt Ion: 98 Resp: 409838

Ion Ratio Lower Upper

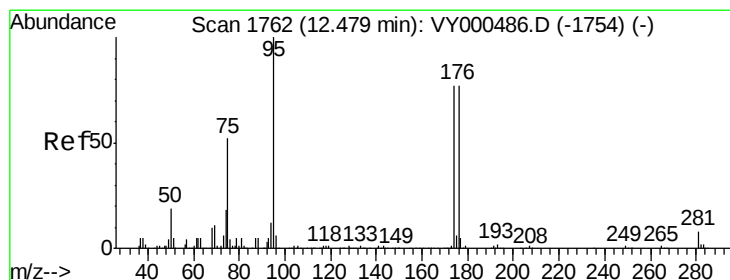
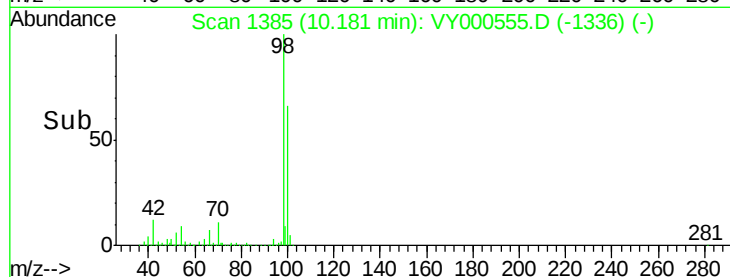
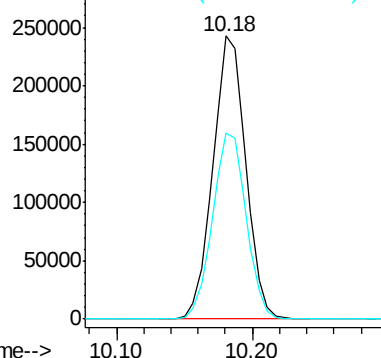
98 100

100 67.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 48.130 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000555.D

Acq: 06 Nov 2019 16:39

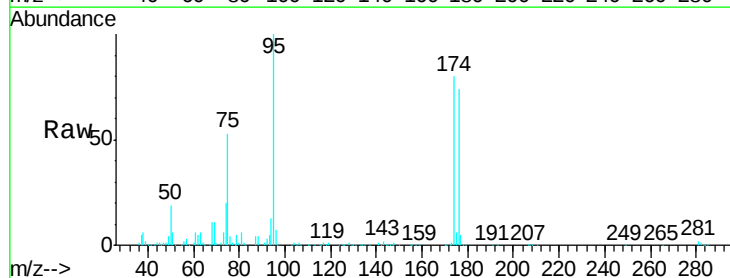
Tgt Ion: 95 Resp: 144575

Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.6

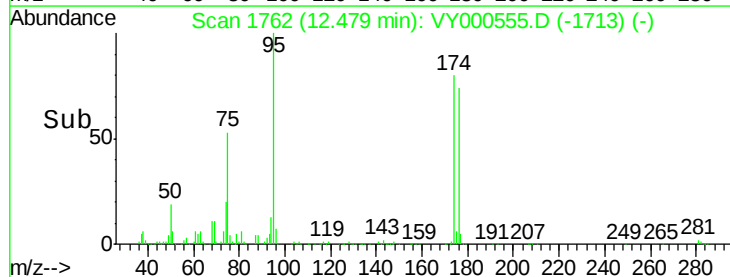
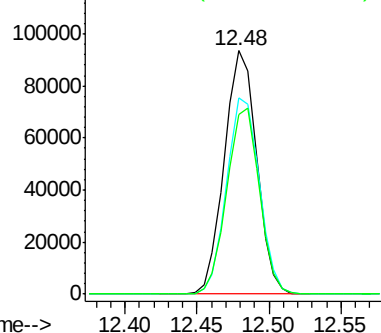
176 77.2 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

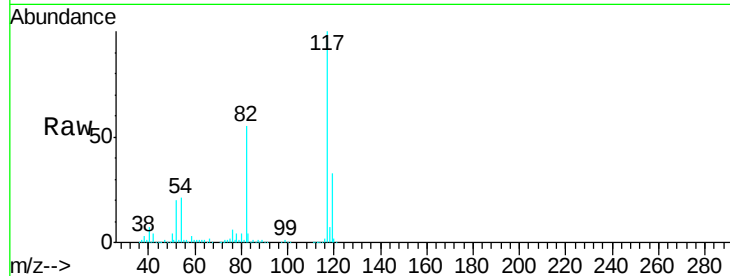




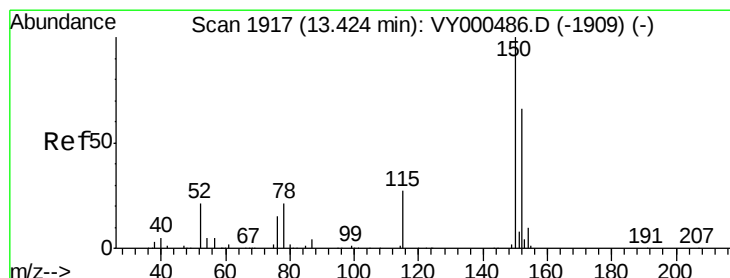
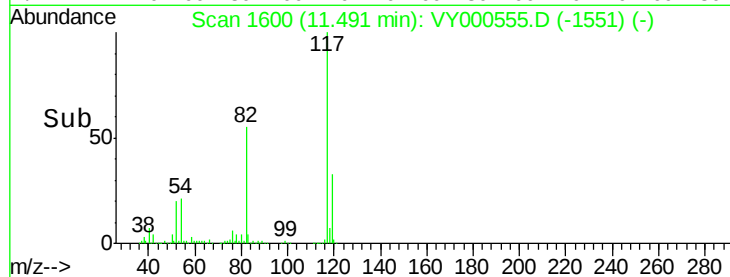
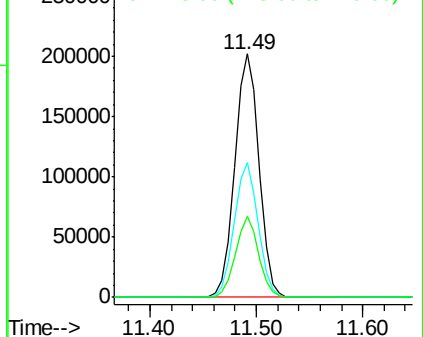
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000555.D
Acq: 06 Nov 2019 16:39

Instrument :
MSVOA_Y
ClientSampled :
VC-TP

Tgt Ion:117 Resp: 322024
Ion Ratio Lower Upper
117 100
82 55.5 40.8 61.2
119 33.4 26.2 39.2

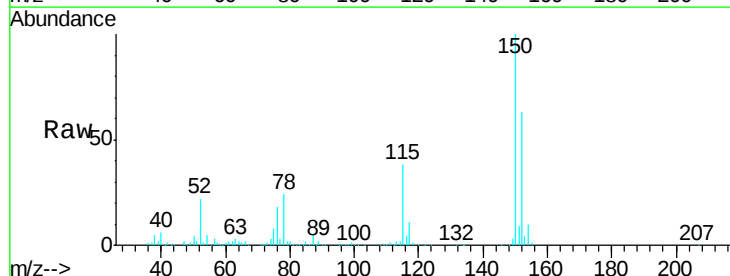


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000555.D
Acq: 06 Nov 2019 16:39

Tgt Ion:152 Resp: 147347
Ion Ratio Lower Upper
152 100
115 59.2 29.1 87.4
150 161.6 0.0 348.8



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

