

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
 Data File : VY003528.D
 Acq On : 12 Nov 2020 12:43
 Operator : SY/MD
 Sample : L4622-01
 Misc : 4.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAV-B12-110220-0-1

Quant Time: Nov 13 02:21:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

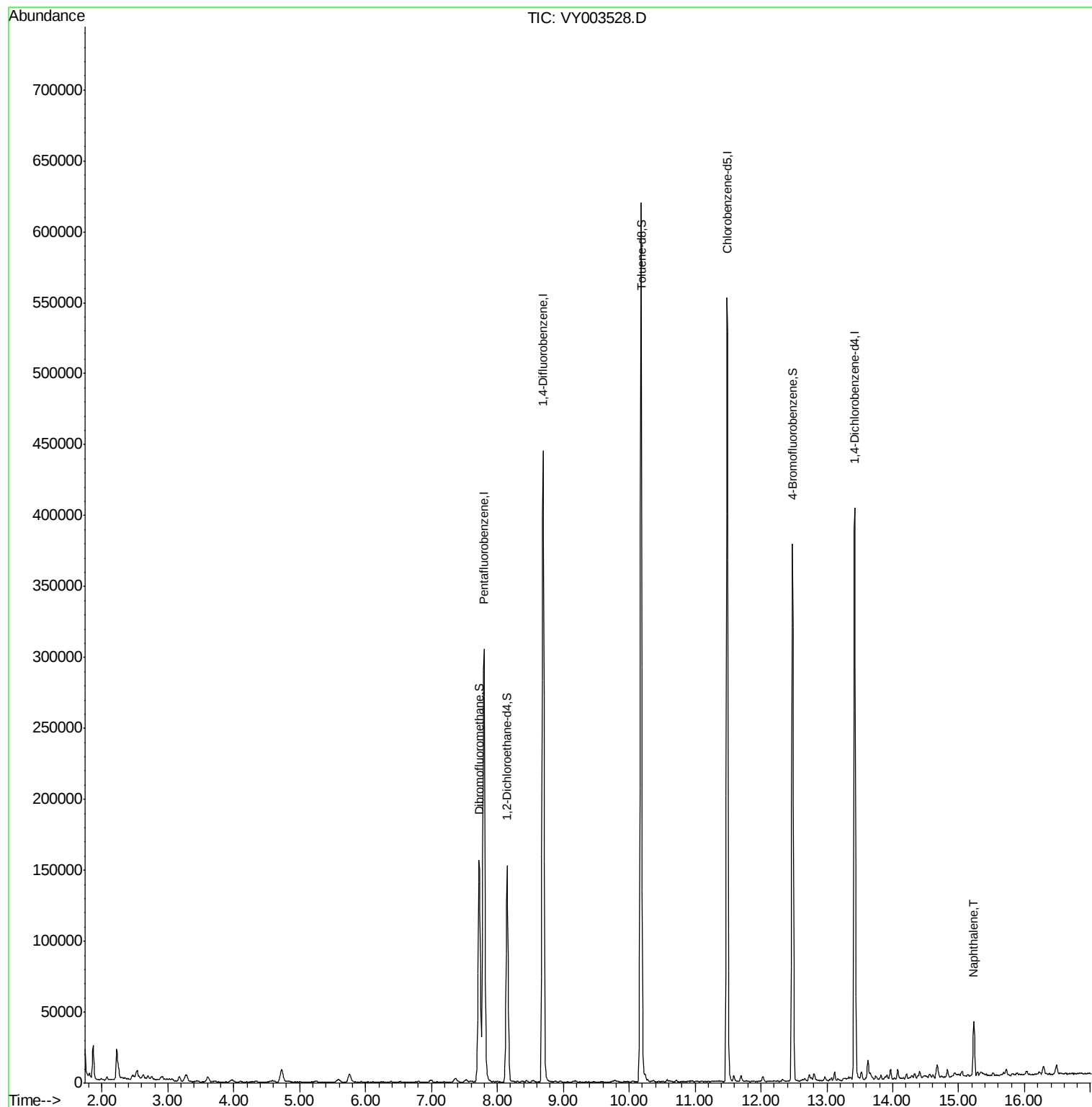
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	254874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	375042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	306579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	109251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	121536	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
35) Dibromofluoromethane	7.72	113	109611	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	10.18	98	404395	42.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.18%	
62) 4-Bromofluorobenzene	12.48	95	109132	34.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.38%	
Target Compounds						
95) Naphthalene	15.23	128	31900	7.505	ug/l	Qvalue 98

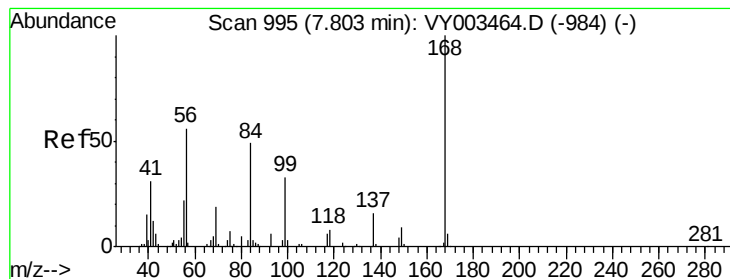
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003528.D

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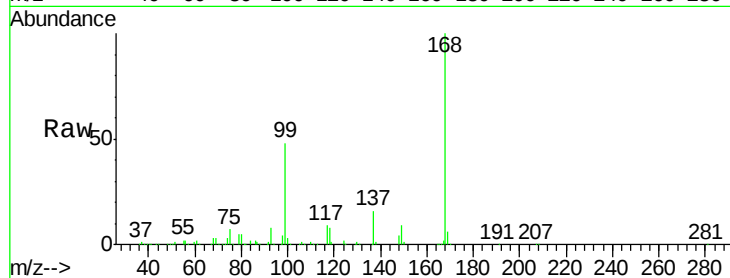
PAV-B12-110220-0-1

Tot Ion:168 Resp: 254874

Ion Ratio Lower Upper

168 100

99 47.8 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003464.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY003464.D (-984) (-)

7.80

120000

100000

80000

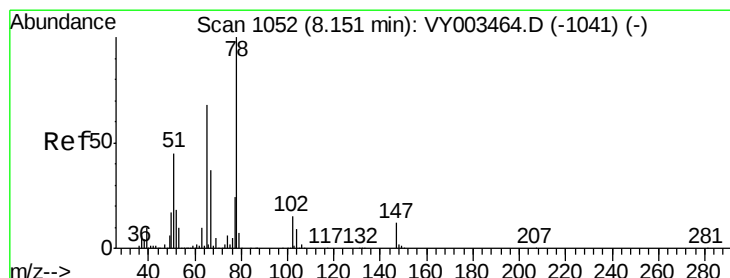
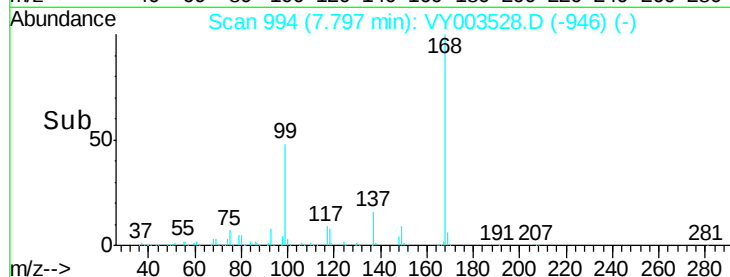
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.513 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY003528.D

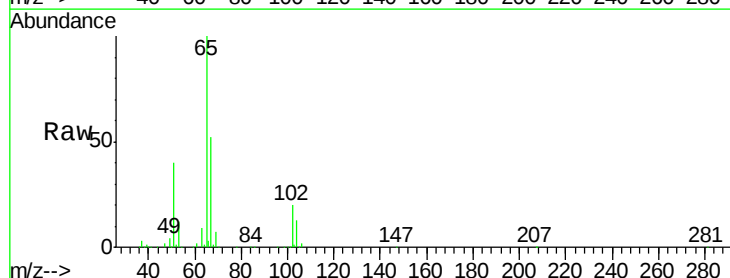
Acq: 12 Nov 2020 12:43

Tgt Ion: 65 Resp: 121536

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VY003464.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY003464.D (-1041) (-)

8.14

60000

50000

40000

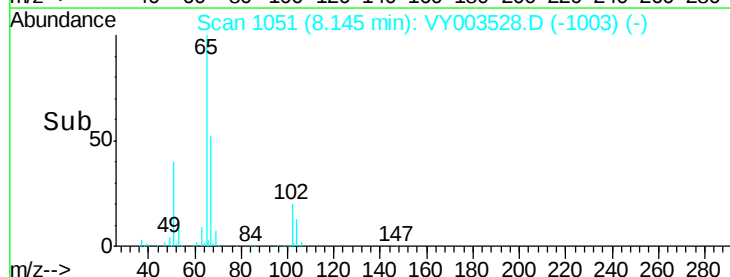
30000

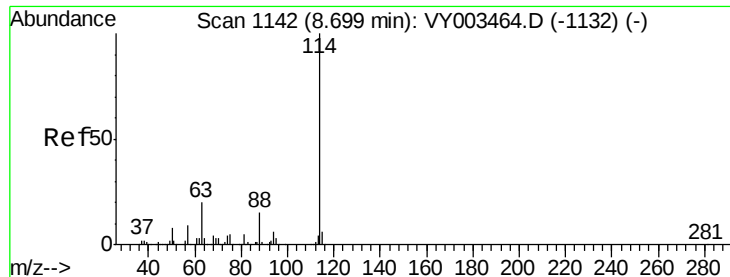
20000

10000

0

Time-->

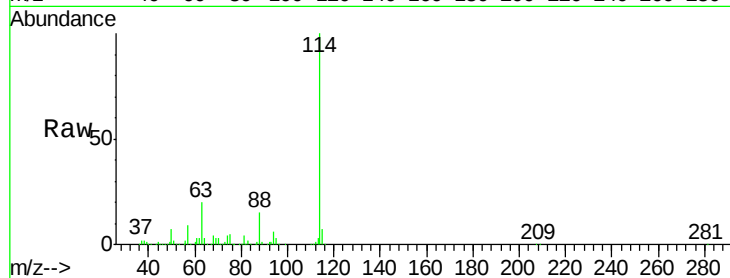




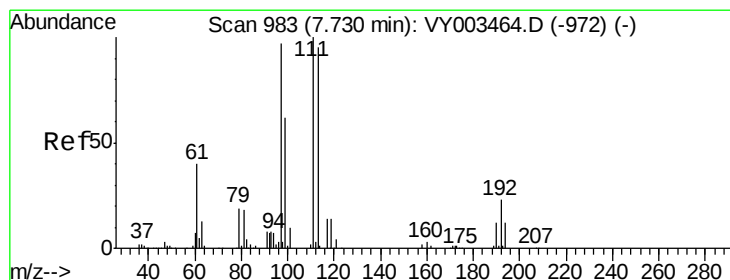
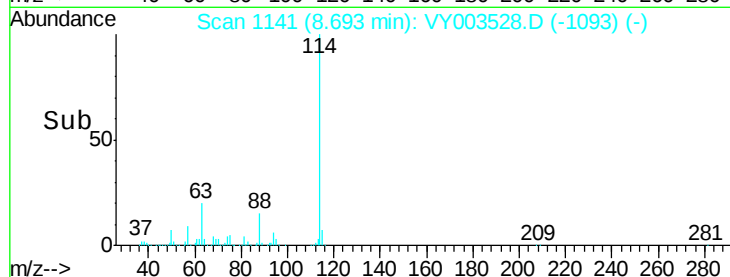
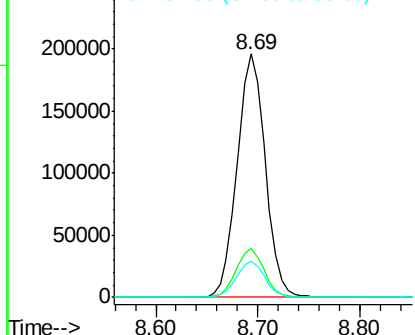
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003528.D
 Acq: 12 Nov 2020 12:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAV-B12-110220-0-1

Tot Ion:114 Resp: 375042
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.6
 88 14.9 0.0 29.4

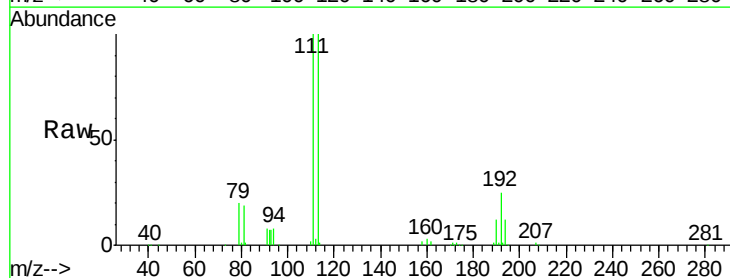


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

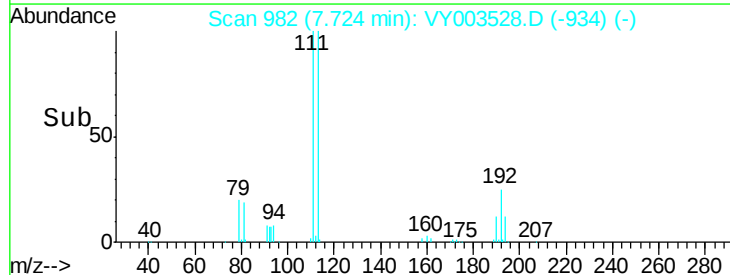
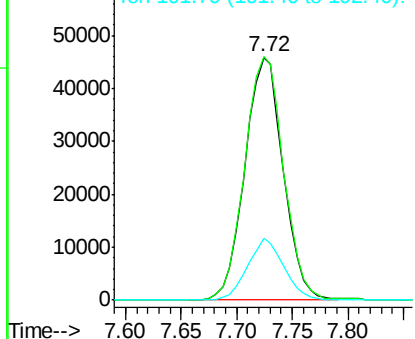


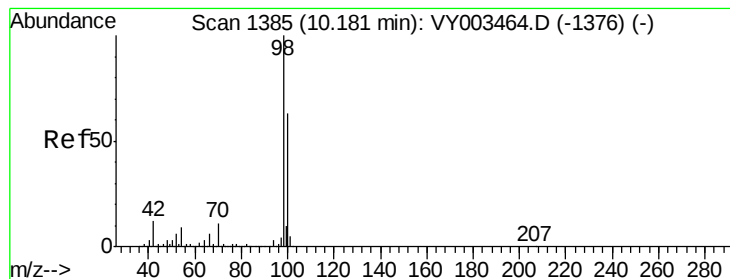
#35
 Dibromofluoromethane
 Concen: 48.028 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY003528.D
 Acq: 12 Nov 2020 12:43

Tgt Ion:113 Resp: 109611
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.6
 192 24.1 18.8 28.2



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: 42.594 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003528.D

Acq: 12 Nov 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

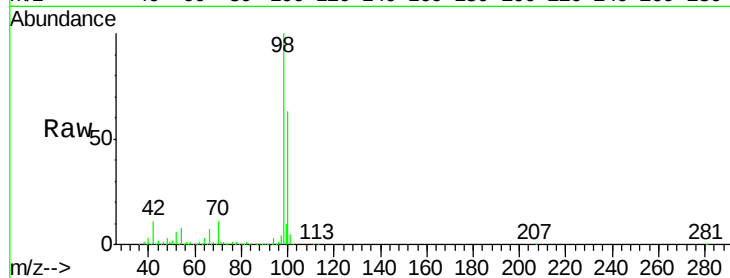
PAV-B12-110220-0-1

Tot Ion: 98 Resp: 404395

Ion Ratio Lower Upper

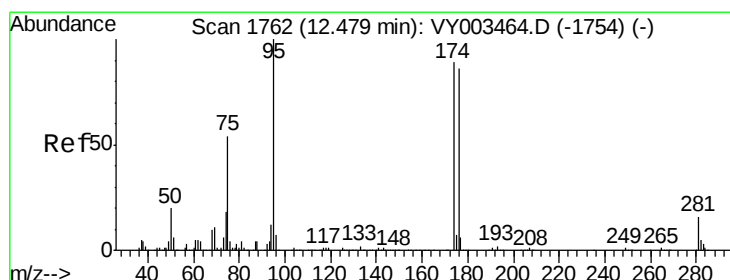
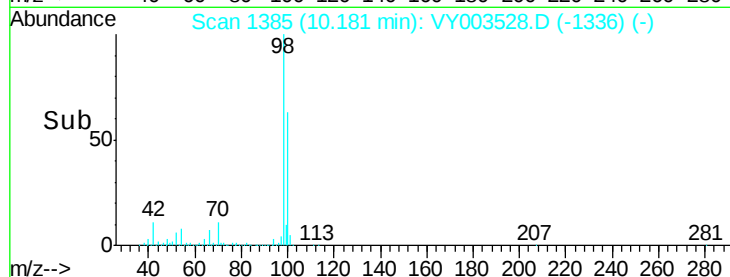
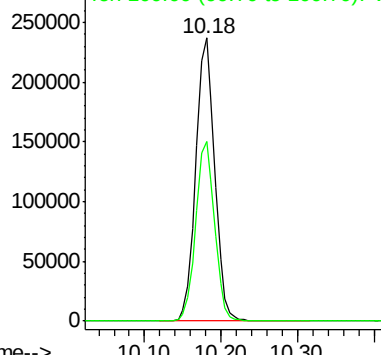
98 100

100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 34.692 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003528.D

Acq: 12 Nov 2020 12:43

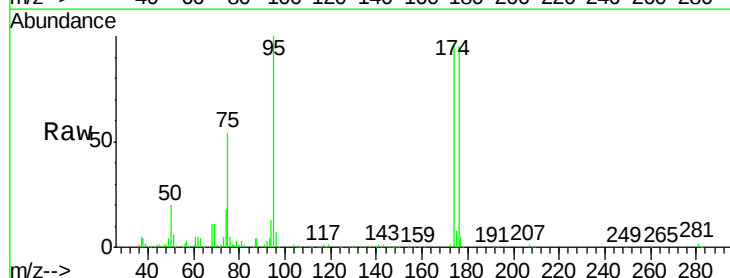
Tgt Ion: 95 Resp: 109132

Ion Ratio Lower Upper

95 100

174 97.9 0.0 193.0

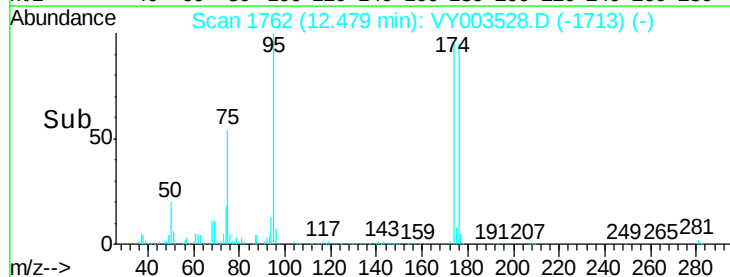
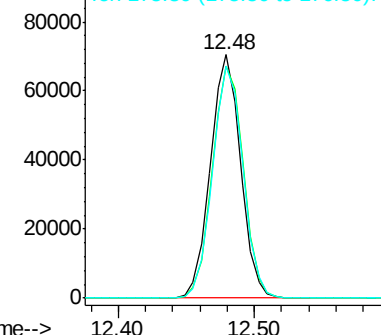
176 96.5 0.0 187.4

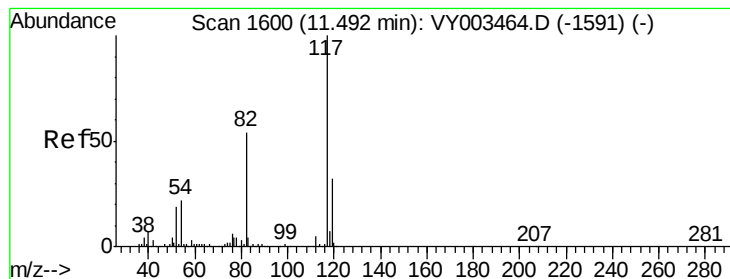


Abundance Ion 94.90 (94.60 to 95.60): VY0

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# 1599

Delta R.T. -0.01 min

Lab File: VY003528.D

Acq: 12 Nov 2020 12:43

Instrument :

MSVOA_Y

ClientSampleId :

PAV-B12-110220-0-1

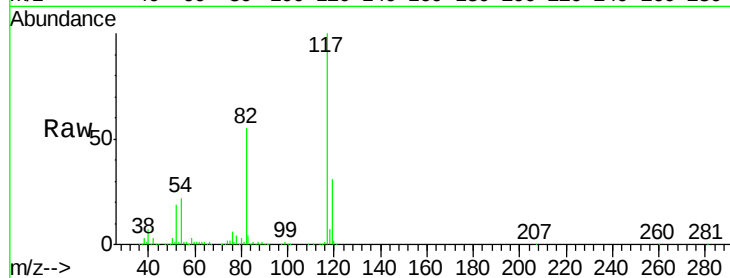
Tot Ion:117 Resp: 306579

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.2

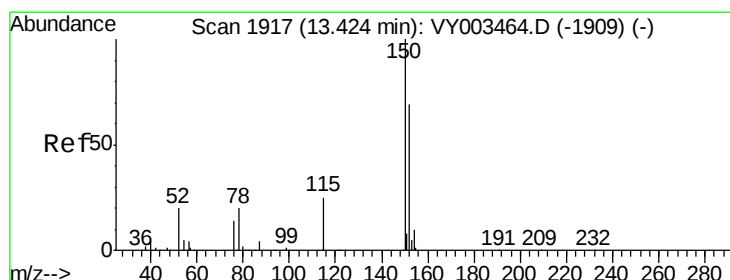
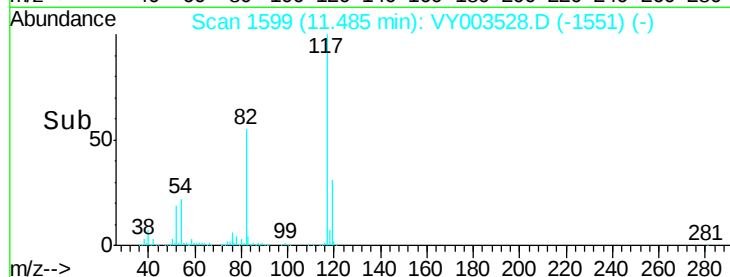
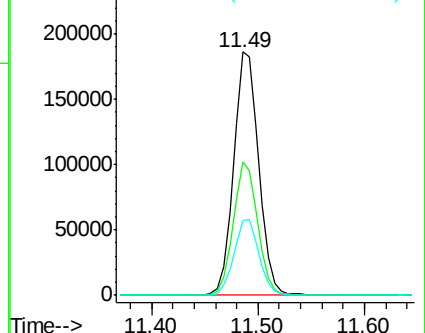
119 30.8 25.8 38.6



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: VY003528.D

Acq: 12 Nov 2020 12:43

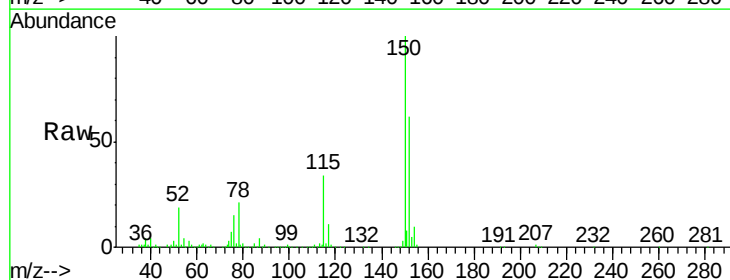
Tgt Ion:152 Resp: 109251

Ion Ratio Lower Upper

152 100

115 54.4 27.5 82.4

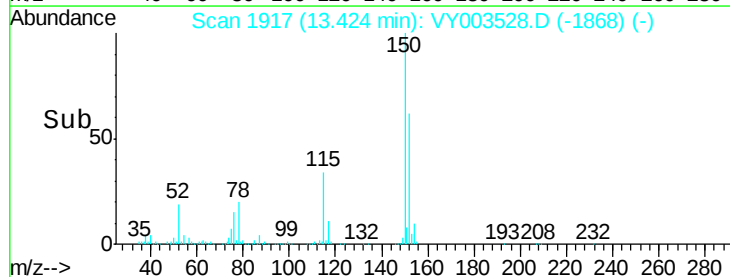
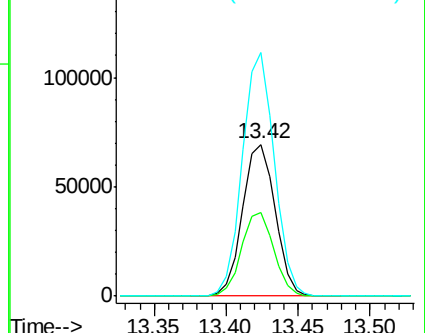
150 156.7 0.0 345.8

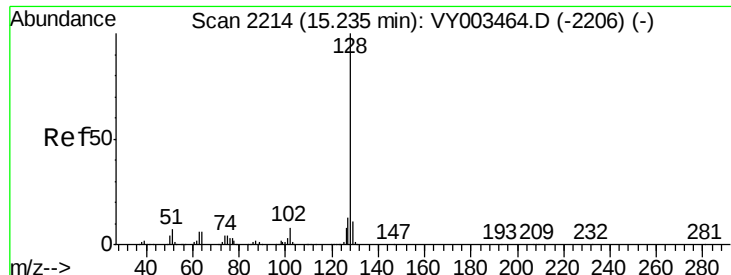


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 7.505 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY003528.D
Acq: 12 Nov 2020 12:43

Instrument :
MSVOA_Y
ClientSampleId :
PAV-B12-110220-0-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.5	15.7
129	11.0	8.6	13.0

