

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110420\
 Data File : VY003508.D
 Acq On : 04 Nov 2020 15:35
 Operator : SY/MD
 Sample : L4631-01
 Misc : 5.71G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PAV-B11-110420-0-1

Quant Time: Nov 05 00:42:19 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

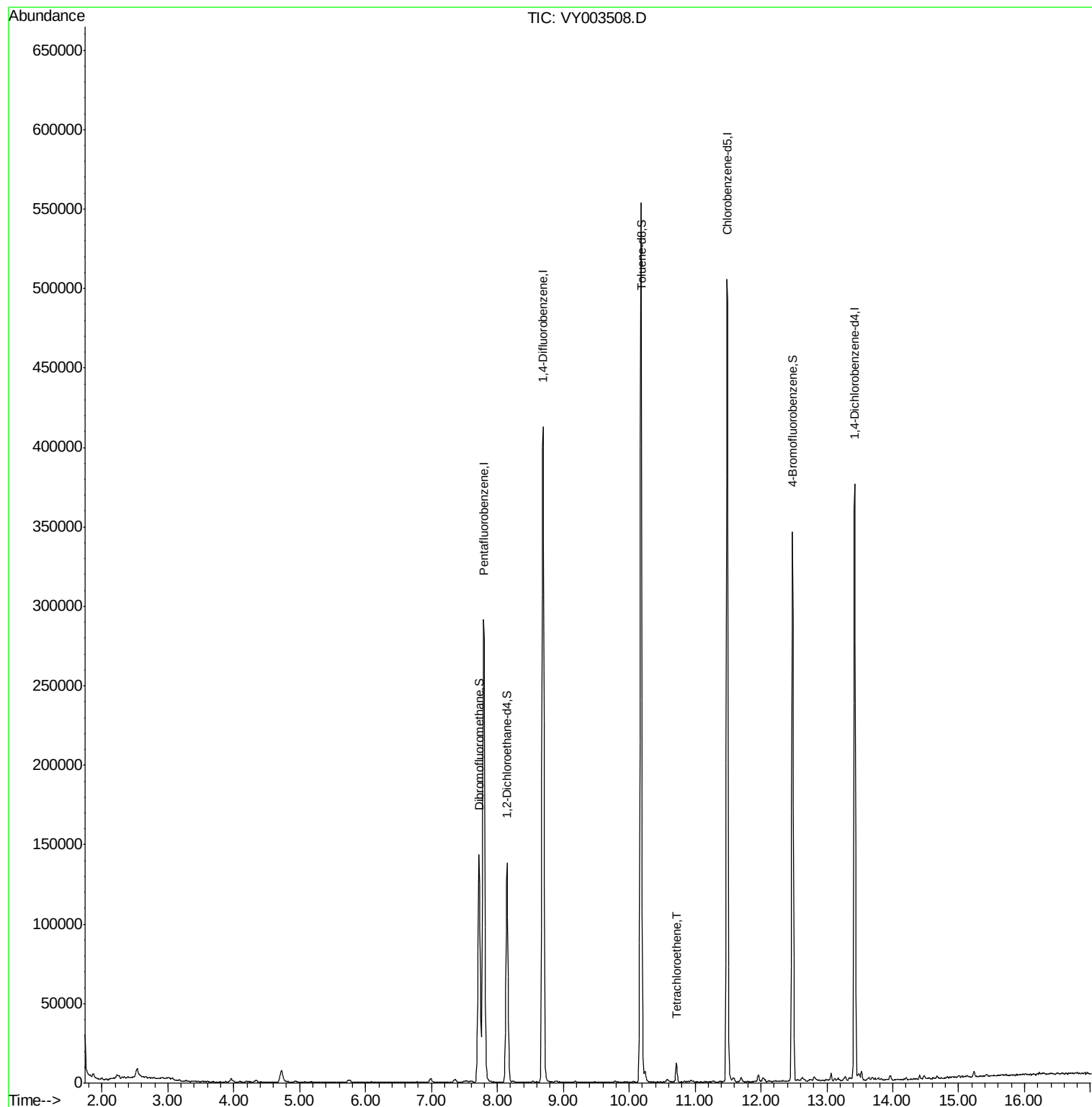
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	240537	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	356251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	285425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	100679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	110165	44.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.34%	
35) Dibromofluoromethane	7.72	113	100000	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
50) Toluene-d8	10.18	98	371470	41.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.38%	
62) 4-Bromofluorobenzene	12.48	95	97649	32.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.36%	
Target Compounds						
64) Tetrachloroethene	10.72	164	2683	1.259	ug/l #	Qvalue 86

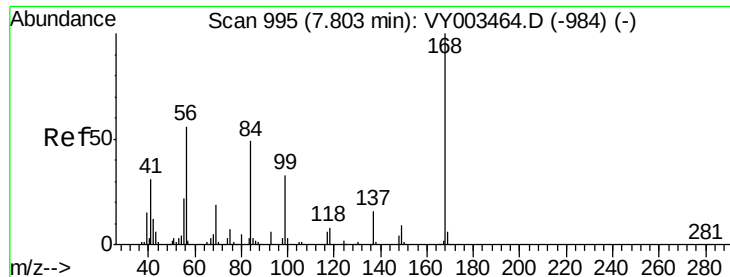
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

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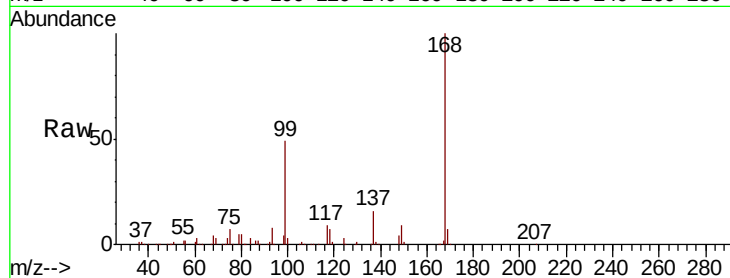
PAV-B11-110420-0-1

Tot Ion:168 Resp: 240537

Ion Ratio Lower Upper

168 100

99 49.5 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) (-)

7.79

120000

100000

80000

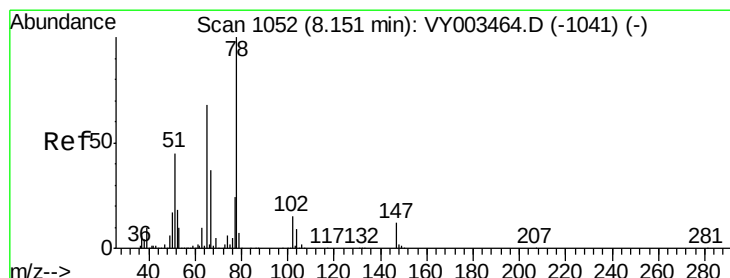
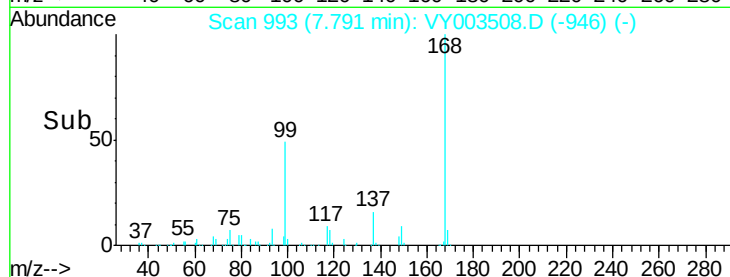
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.674 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY003508.D

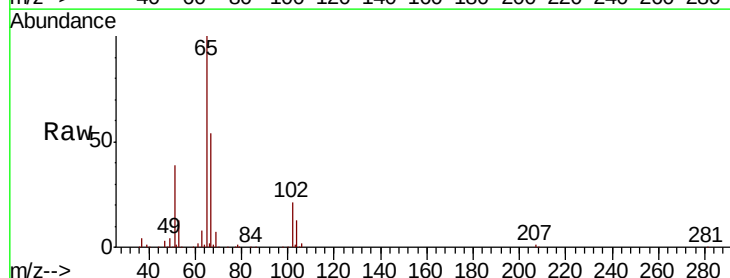
Acq: 04 Nov 2020 15:35

Tgt Ion: 65 Resp: 110165

Ion Ratio Lower Upper

65 100

67 52.2 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

50000

40000

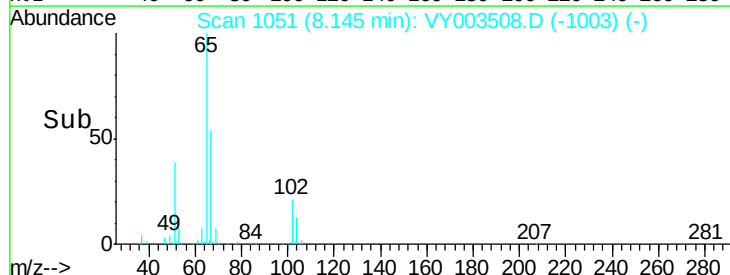
30000

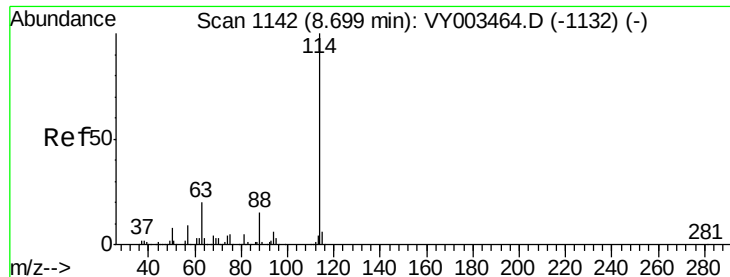
20000

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: VY003508.D

Acq: 04 Nov 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

PAV-B11-110420-0-1

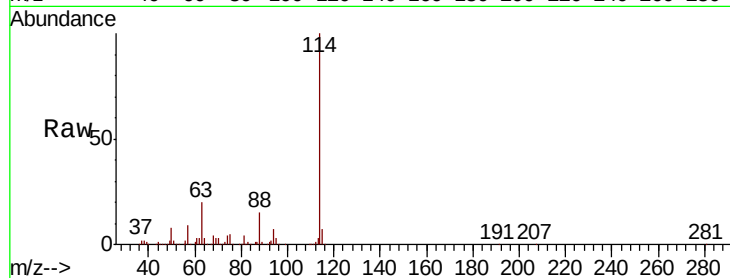
Tot Ion:114 Resp: 356251

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

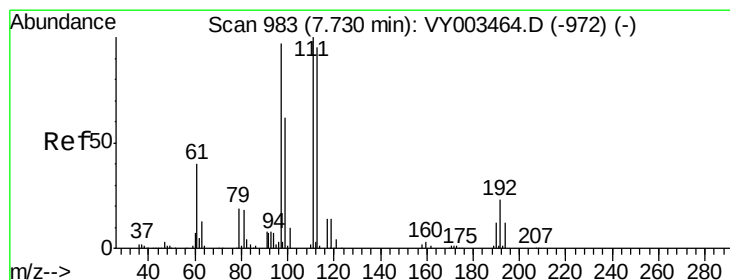
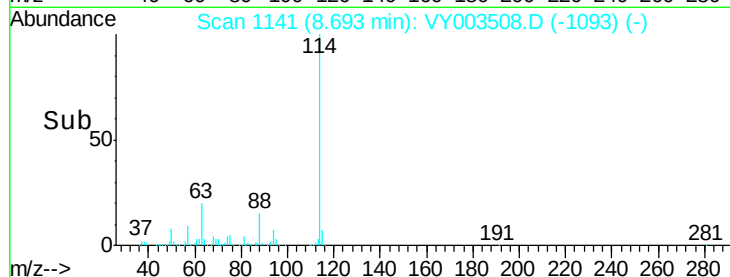
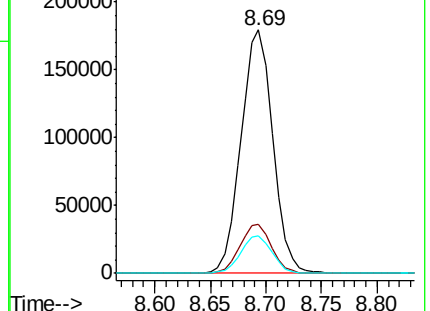
88 15.4 0.0 29.4



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: 46.128 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY003508.D

Acq: 04 Nov 2020 15:35

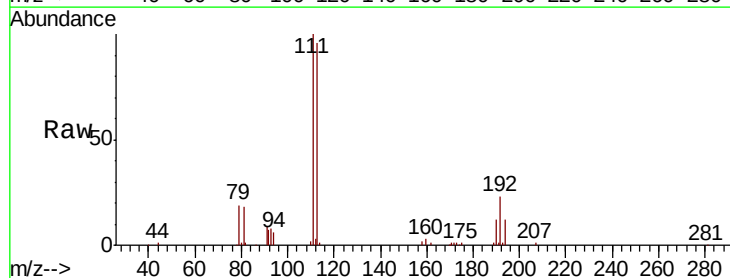
Tgt Ion:113 Resp: 100000

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.6

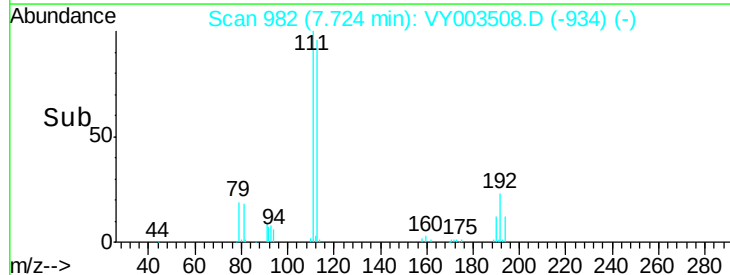
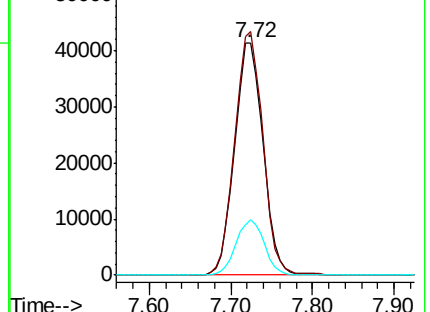
192 23.6 18.8 28.2

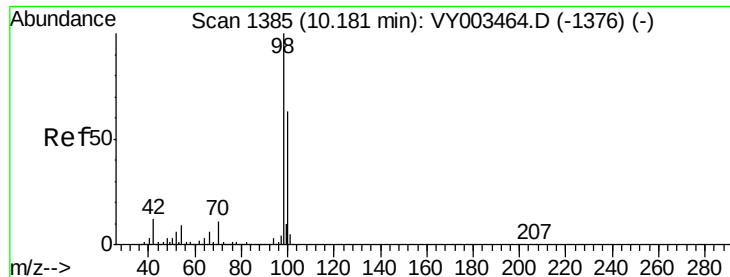


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 41.190 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003508.D

Acq: 04 Nov 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

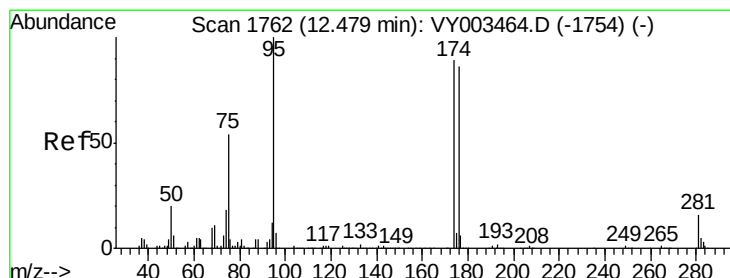
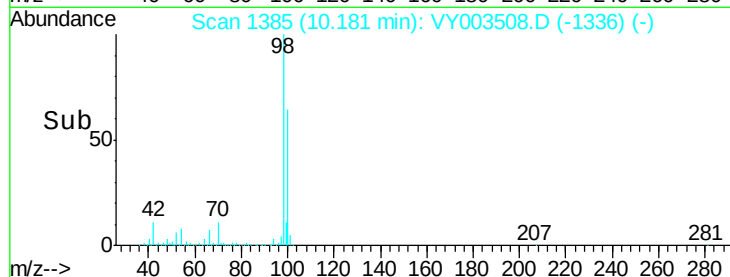
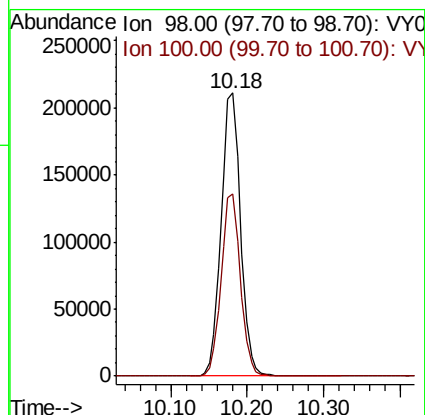
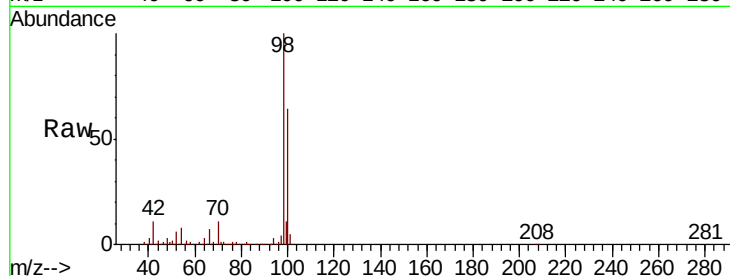
PAV-B11-110420-0-1

Tot Ion: 98 Resp: 371470

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 32.679 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003508.D

Acq: 04 Nov 2020 15:35

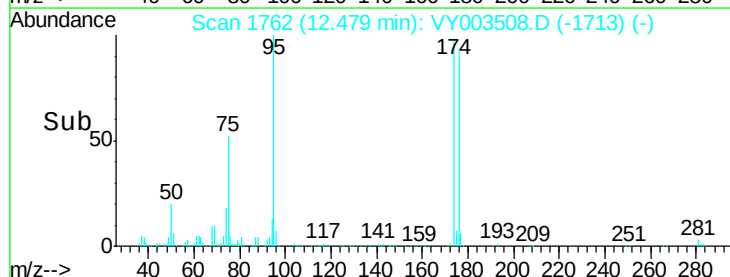
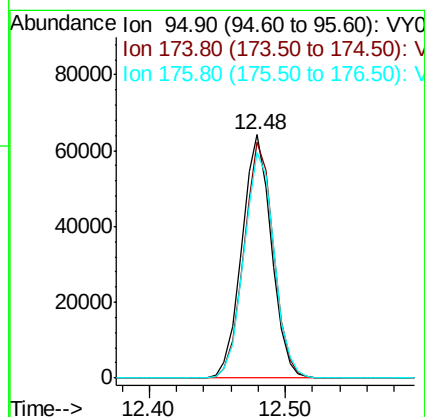
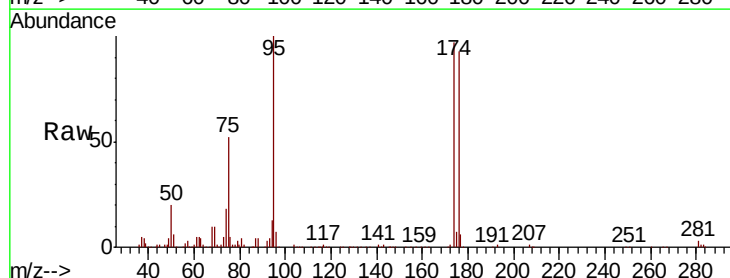
Tgt Ion: 95 Resp: 97649

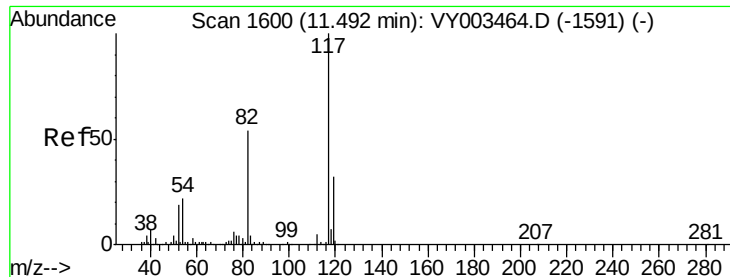
Ion Ratio Lower Upper

95 100

174 97.0 0.0 193.0

176 94.5 0.0 187.4

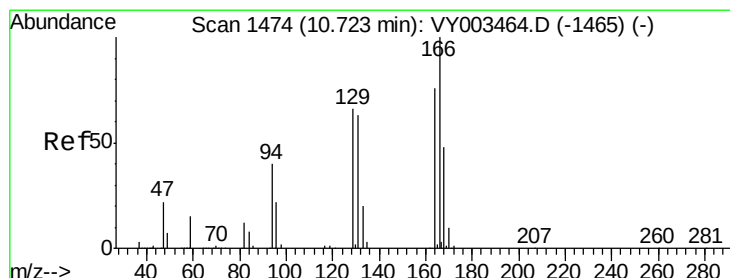
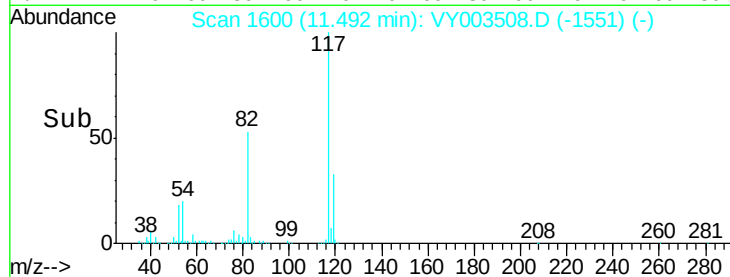
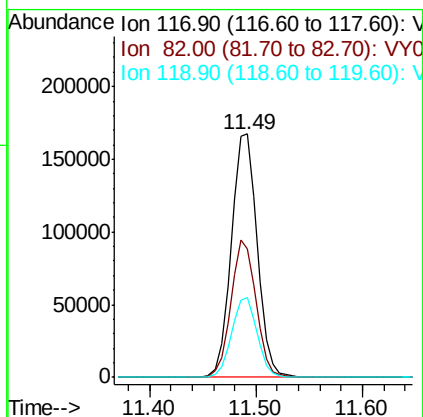
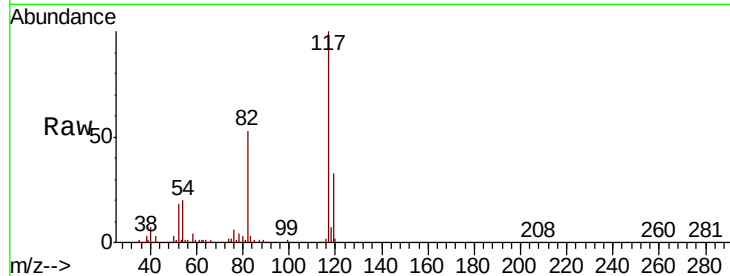




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003508.D
Acq: 04 Nov 2020 15:35

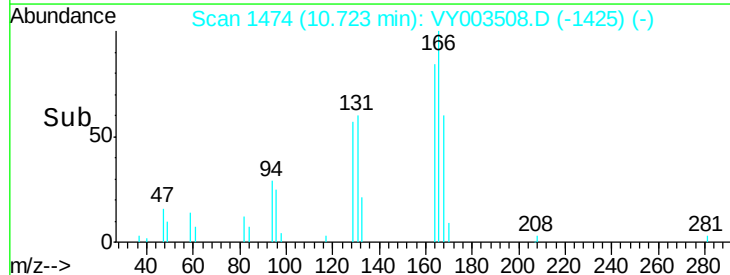
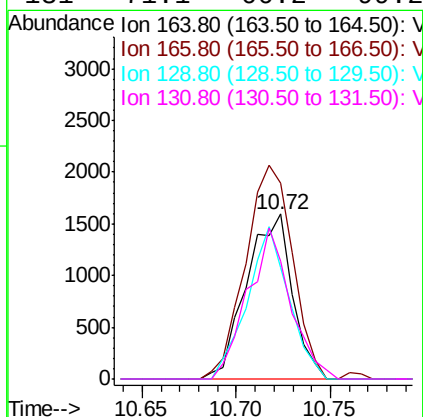
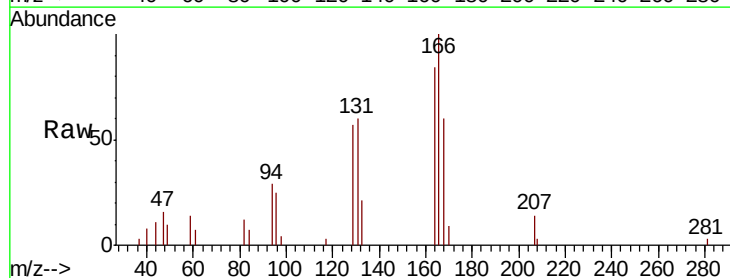
Instrument :
MSVOA_Y
ClientSampleId :
PAV-B11-110420-0-1

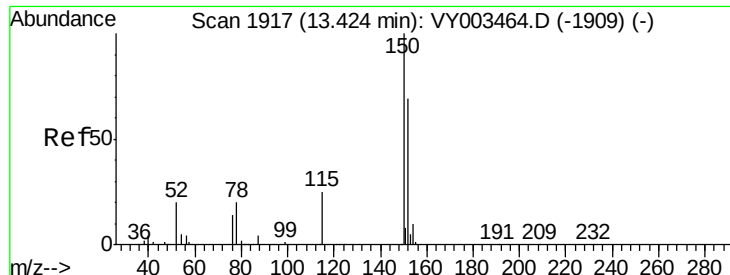
Tot Ion:117 Resp: 285425
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.2
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 1.259 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY003508.D
Acq: 04 Nov 2020 15:35

Tgt Ion:164 Resp: 2683
Ion Ratio Lower Upper
164 100
166 118.6 104.9 157.3
129 67.7 68.9 103.3#
131 71.1 66.2 99.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003508.D

Acq: 04 Nov 2020 15:35

Instrument :

MSVOA_Y

ClientSampleId :

PAV-B11-110420-0-1

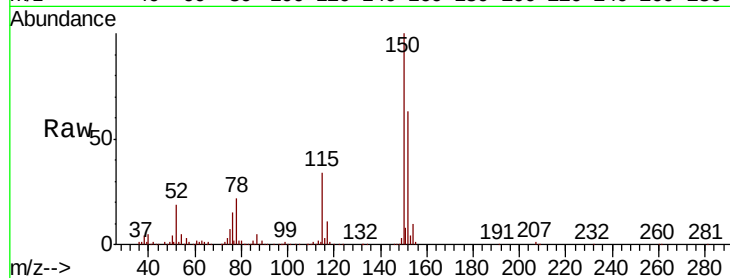
Tot Ion:152 Resp: 100679

Ion Ratio Lower Upper

152 100

115 53.8 27.5 82.4

150 157.4 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

