

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003341.D
 Acq On : 24 Jul 2020 18:51
 Operator : SY/MD
 Sample : L3436-09
 Misc : 7.62G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 9

Quant Time: Jul 25 02:44:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

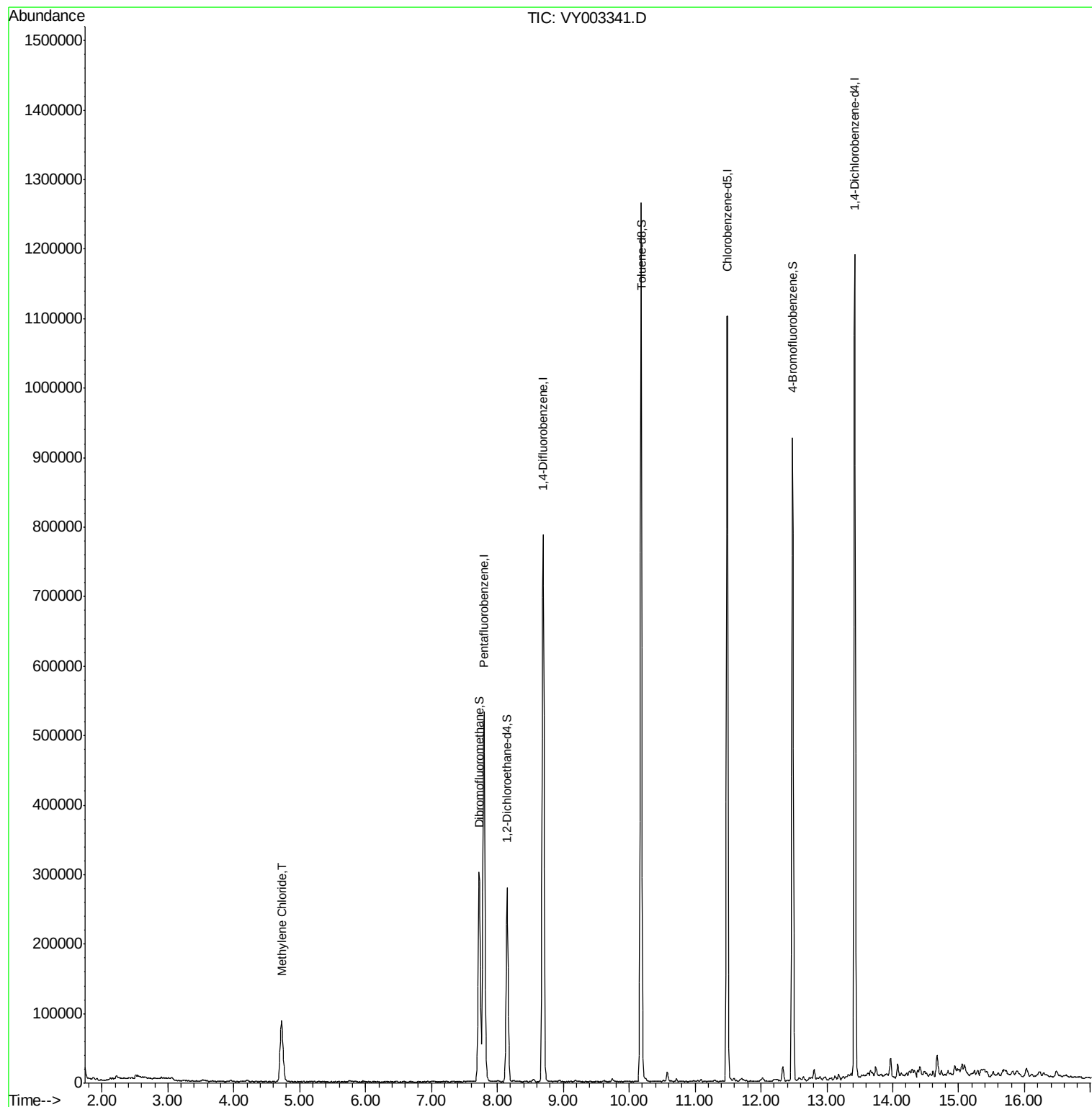
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	441299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	689769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	628566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	306335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	215013	57.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.46%	
35) Dibromofluoromethane	7.72	113	211689	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
50) Toluene-d8	10.18	98	824315	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.72%	
62) 4-Bromofluorobenzene	12.48	95	266083	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
Target Compounds						
20) Methylene Chloride	4.72	84	68833	12.300	ug/l	Qvalue 94

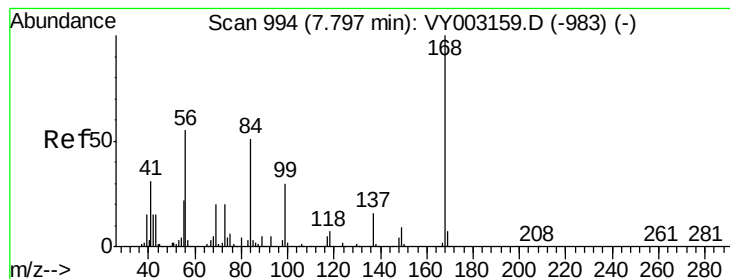
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
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QLast Update : Fri Jul 10 13:18:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003341.D

Acq: 24 Jul 2020 18:51

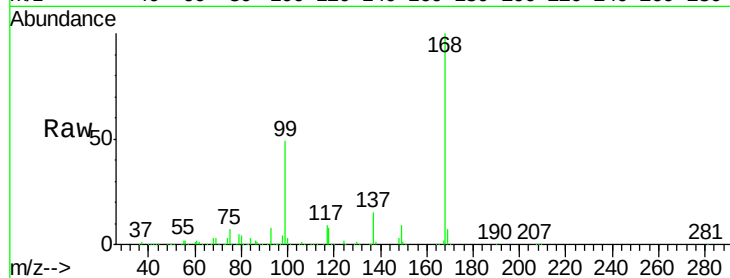
Instrument :
MSVOA_Y
ClientSampled :
9

Tot Ion:168 Resp: 441299

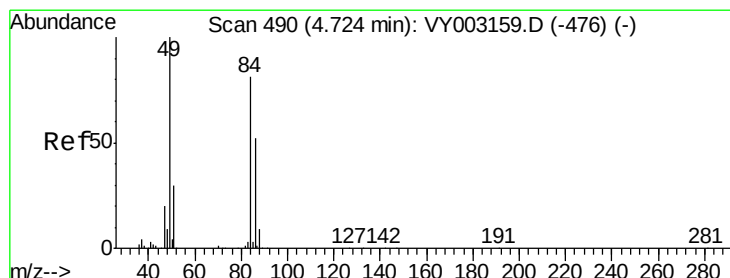
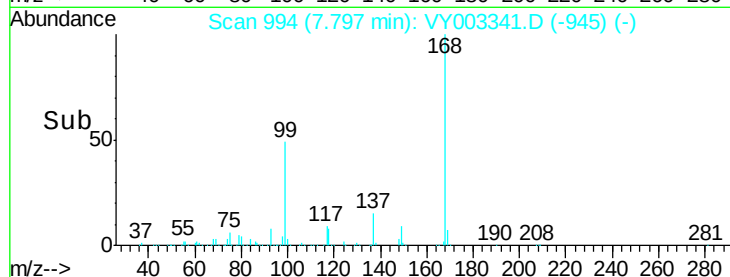
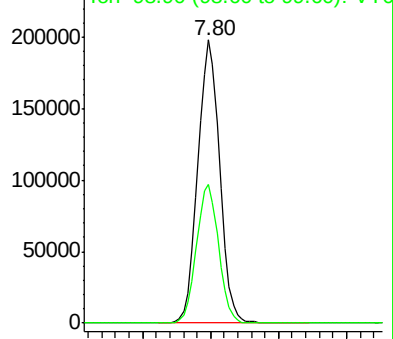
Ion Ratio Lower Upper

168 100

99 49.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003341.D (-945) (-)



#20

Methylene Chloride

Concen: 12.300 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003341.D

Acq: 24 Jul 2020 18:51

Tgt Ion: 84 Resp: 68833

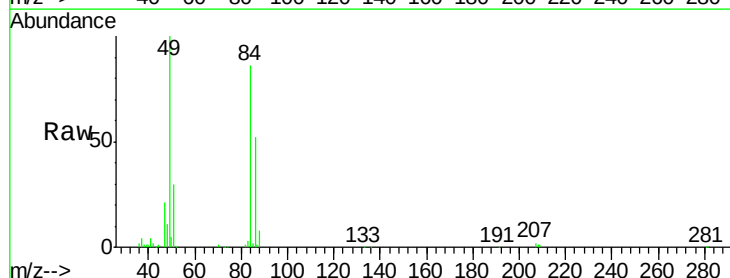
Ion Ratio Lower Upper

84 100

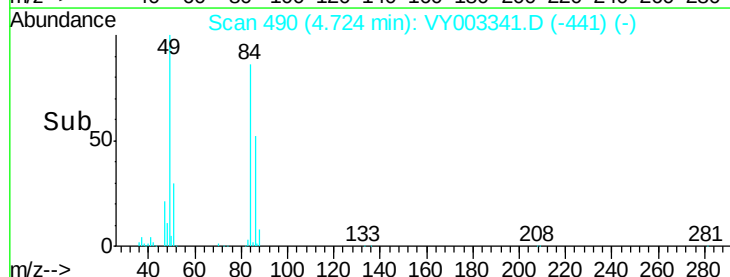
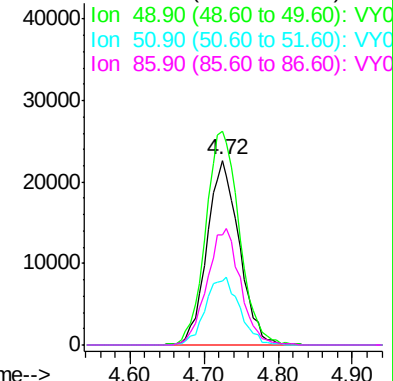
49 115.7 98.2 147.4

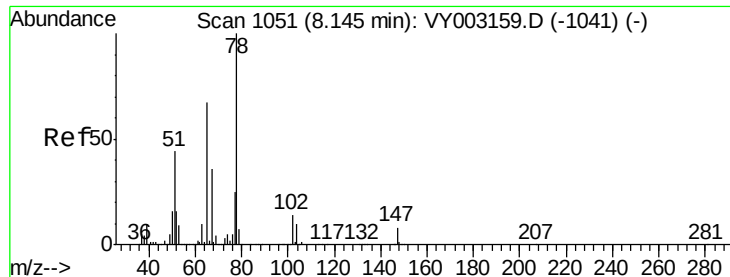
51 34.9 29.8 44.6

86 59.6 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003341.D (-441) (-)

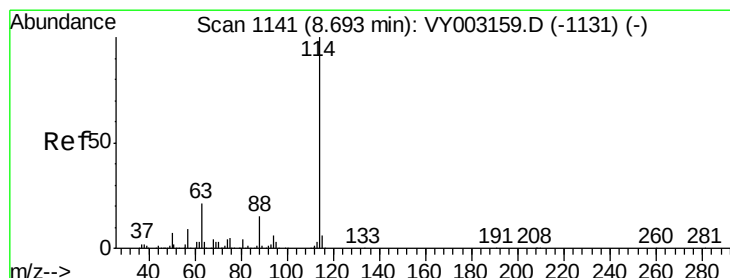
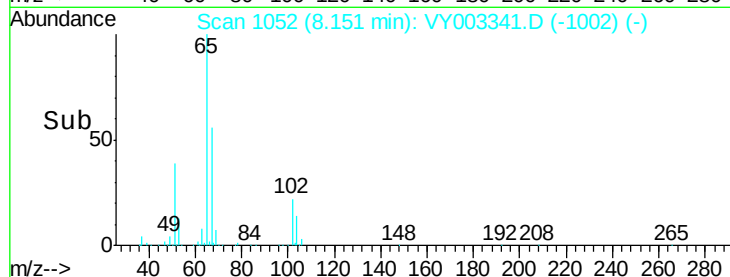
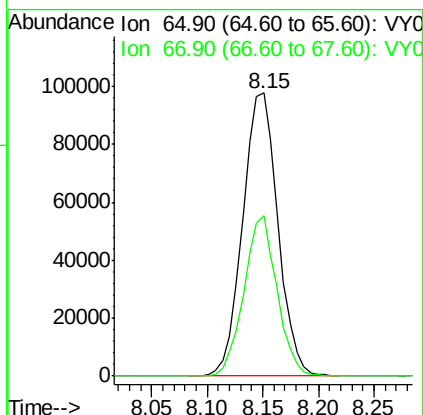
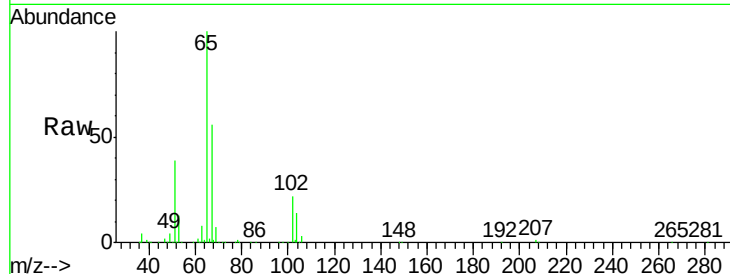




#33
 1,2-Dichloroethane-d4
 Concen: 57.726 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003341.D
 Acq: 24 Jul 2020 18:51

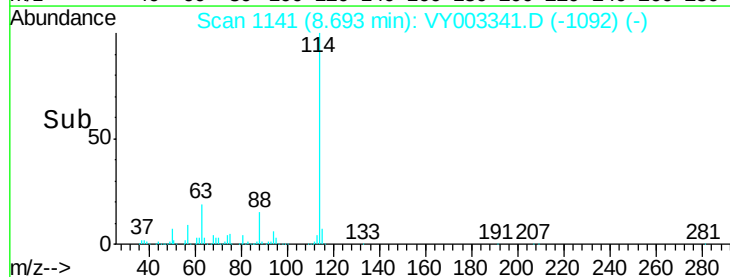
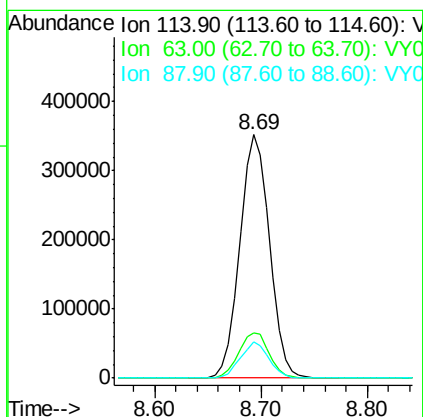
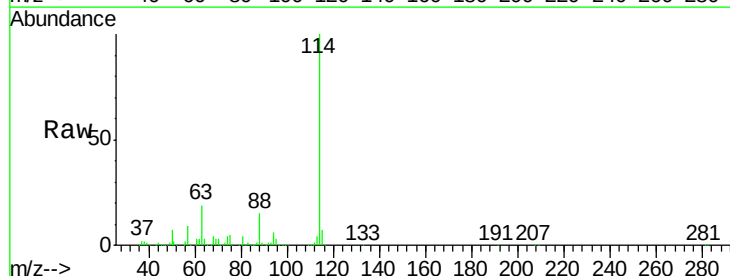
Instrument :
 MSVOA_Y
 ClientSampled :
 9

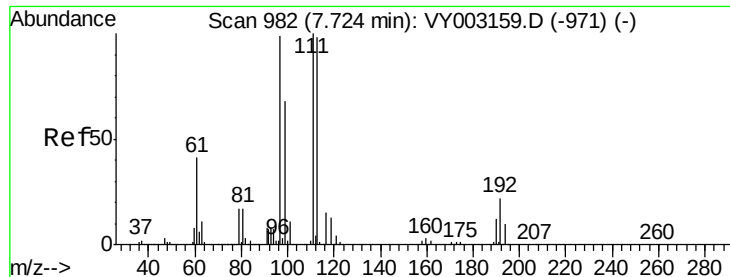
Tot Ion: 65 Resp: 215013
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003341.D
 Acq: 24 Jul 2020 18:51

Tgt Ion: 114 Resp: 689769
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.2
 88 14.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.329 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003341.D

Acq: 24 Jul 2020 18:51

Instrument :
MSVOA_Y
ClientSampled :
9

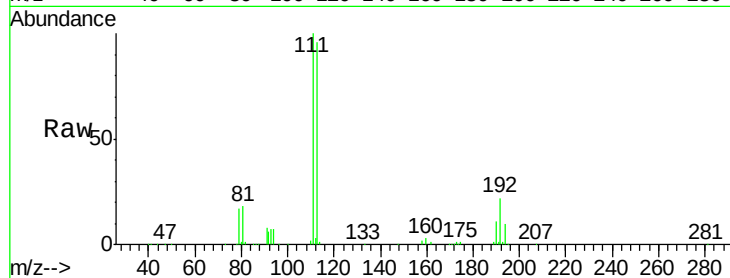
Tot Ion:113 Resp: 211689

Ion Ratio Lower Upper

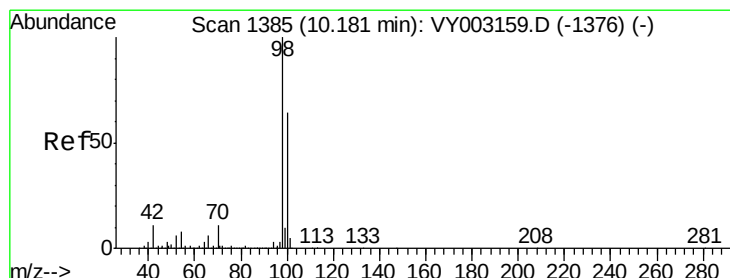
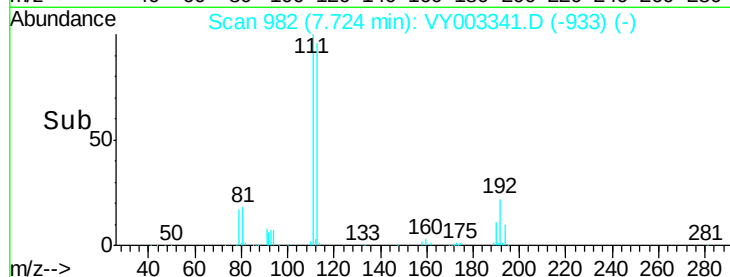
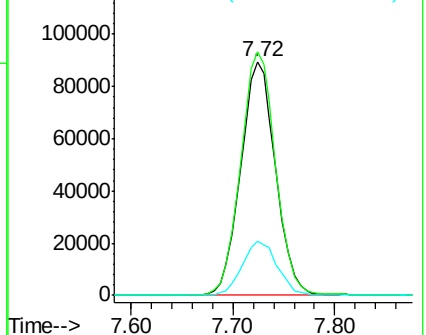
113 100

111 104.5 82.1 123.1

192 23.4 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: 55.856 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003341.D

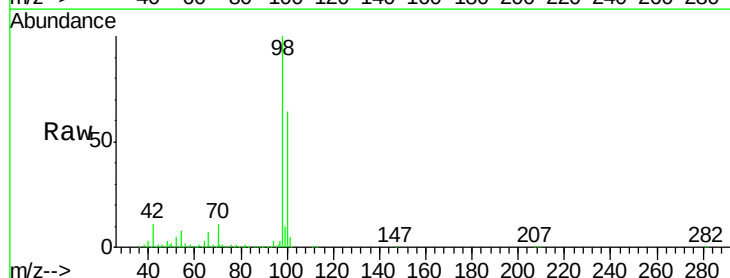
Acq: 24 Jul 2020 18:51

Tgt Ion: 98 Resp: 824315

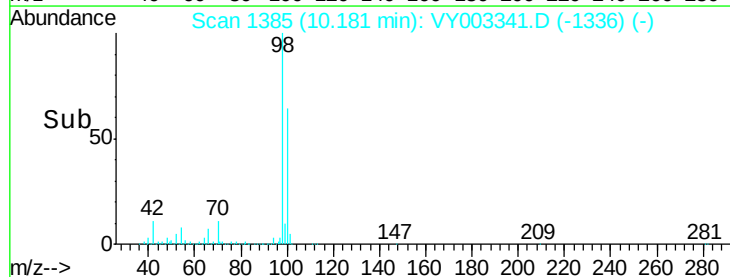
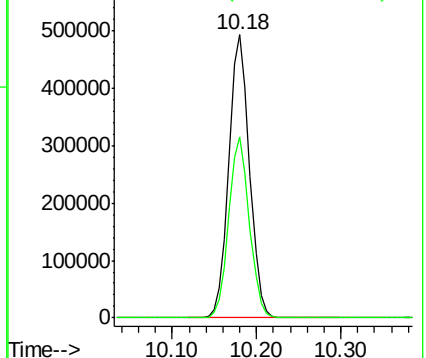
Ion Ratio Lower Upper

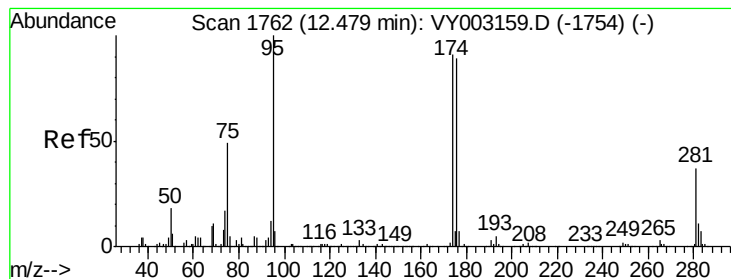
98 100

100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 49.909 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003341.D

Acq: 24 Jul 2020 18:51

Instrument :

MSVOA_Y

ClientSampleId :

9

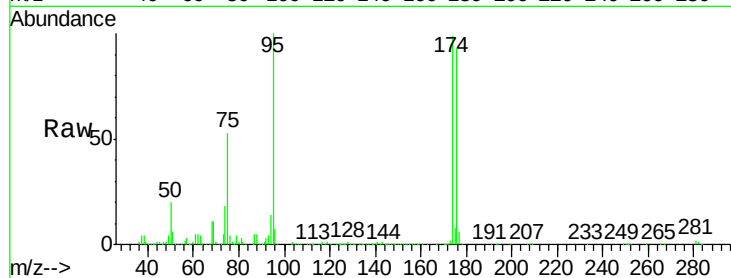
Tot Ion: 95 Resp: 266083

Ion Ratio Lower Upper

95 100

174 96.4 0.0 190.6

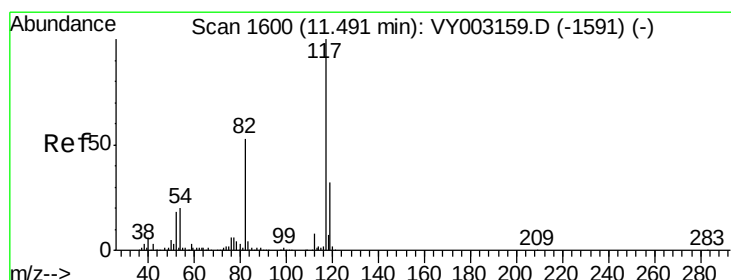
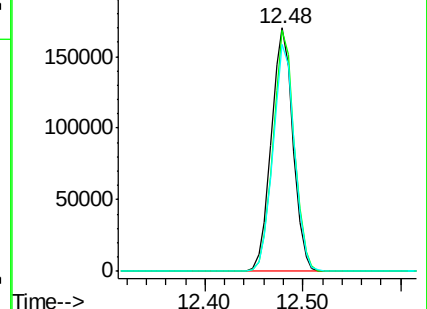
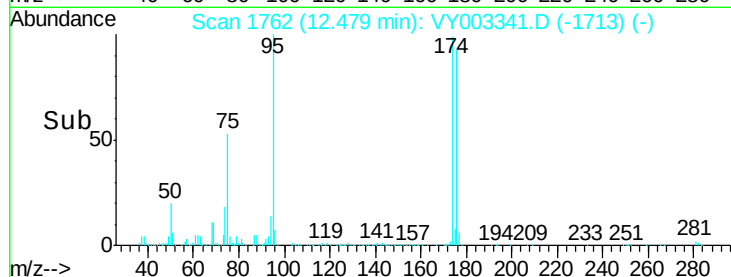
176 92.2 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003341.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003341.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003341.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003341.D

Acq: 24 Jul 2020 18:51

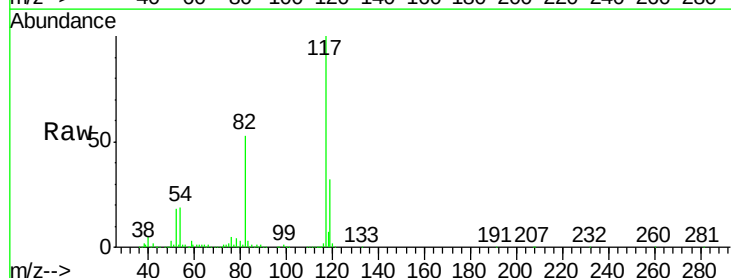
Tgt Ion: 117 Resp: 628566

Ion Ratio Lower Upper

117 100

82 52.6 42.0 63.0

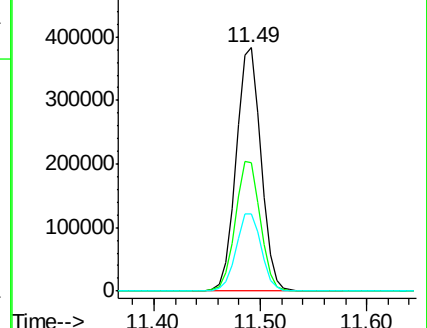
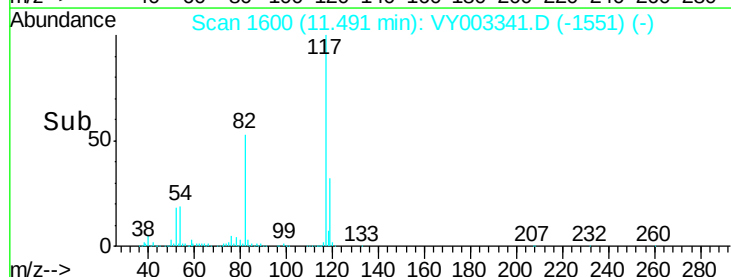
119 31.7 25.5 38.3

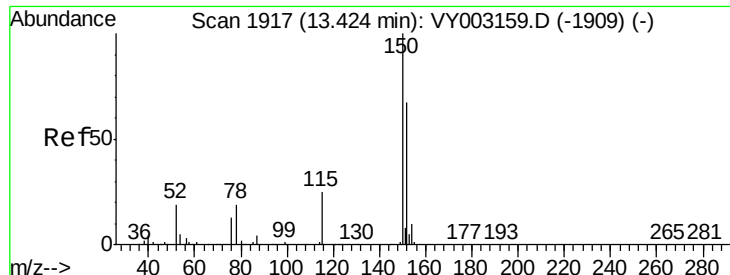


Abundance Ion 116.90 (116.60 to 117.60): VY003341.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003341.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003341.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003341.D

Acq: 24 Jul 2020 18:51

Instrument :

MSVOA_Y

ClientSampleId :

9

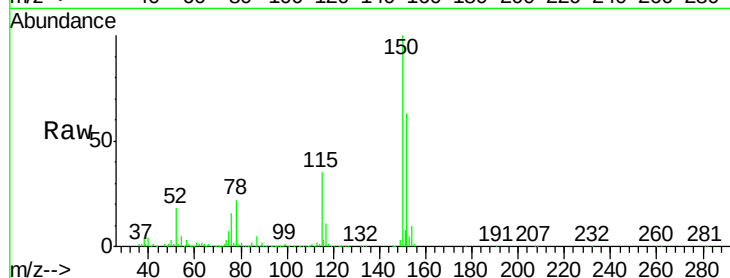
Tot Ion:152 Resp: 306335

Ion Ratio Lower Upper

152 100

115 54.1 26.9 80.7

150 156.9 0.0 338.0



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

