

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121819\
 Data File : VY001002.D
 Acq On : 18 Dec 2019 17:35
 Operator : SY/MD
 Sample : K6370-07
 Misc : 3.48G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-6

Quant Time: Dec 19 07:00:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

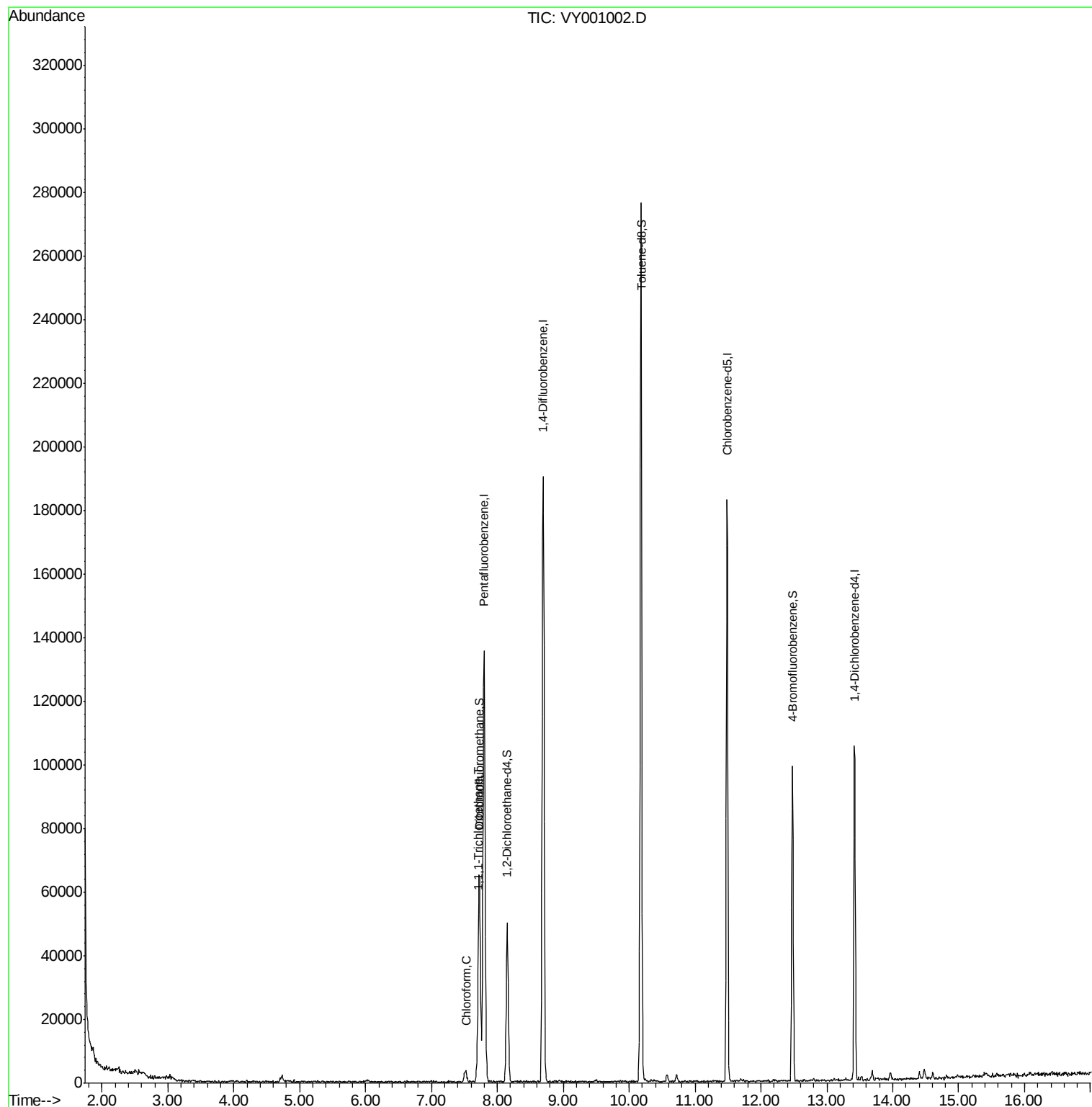
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	107401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	166966	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	99343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	25806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	36673	32.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.26%	
35) Dibromofluoromethane	7.73	113	42326	43.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.00%	
50) Toluene-d8	10.18	98	180271	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
62) 4-Bromofluorobenzene	12.48	95	29465	20.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.34%	
Target Compounds						
30) Chloroform	7.52	83	3761	1.639	ug/l	90
32) 1,1,1-Trichloroethane	7.71	97	8276	4.368	ug/l	93

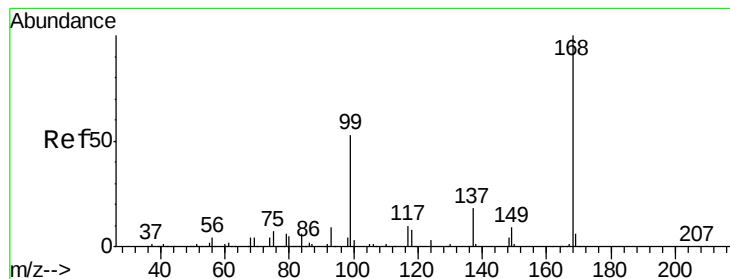
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001002.D

Acq: 18 Dec 2019 17:35

Instrument :

MSVOA_Y

ClientSampleId :

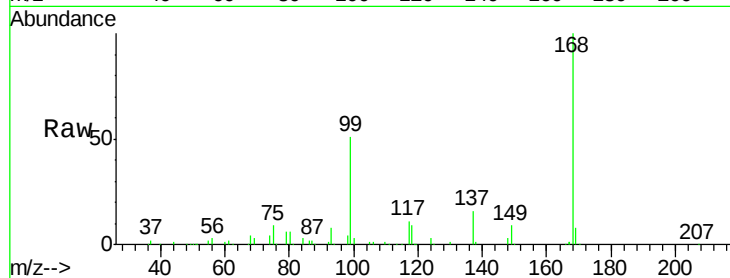
TP2-6

Tot Ion:168 Resp: 107401

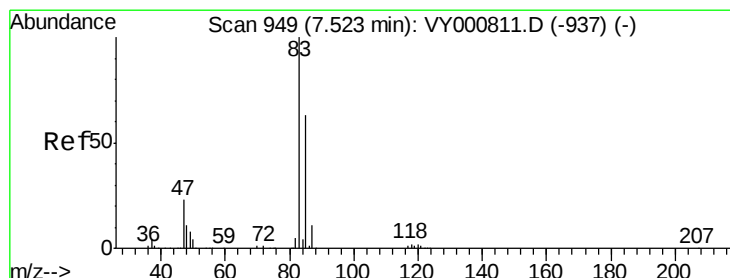
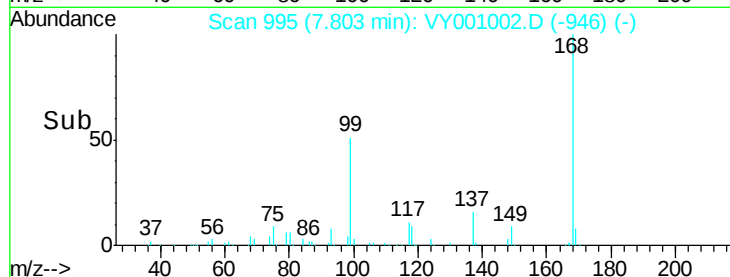
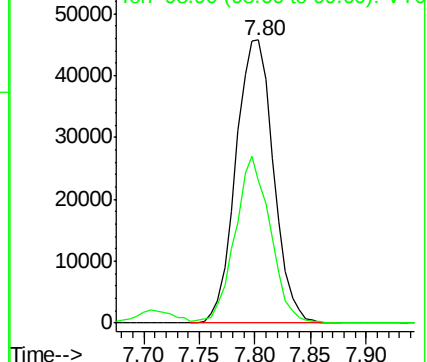
Ion Ratio Lower Upper

168 100

99 50.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY001002.D (-946) (-)



#30

Chloroform

Concen: 1.639 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.00 min

Lab File: VY001002.D

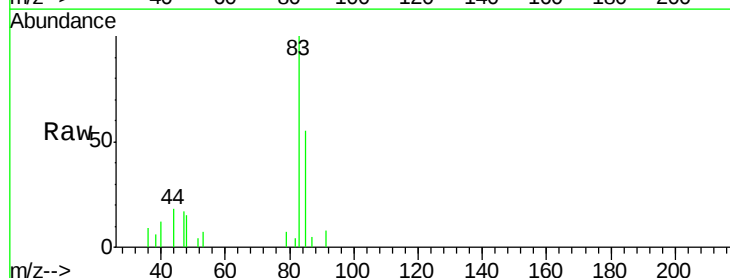
Acq: 18 Dec 2019 17:35

Tgt Ion: 83 Resp: 3761

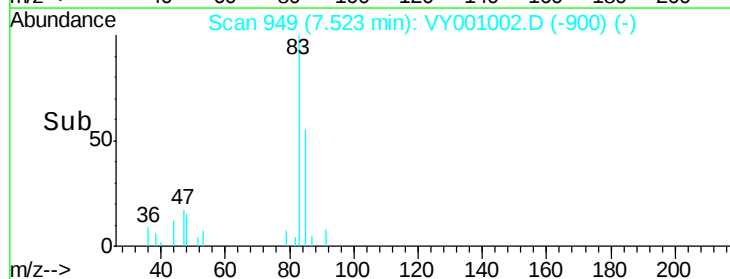
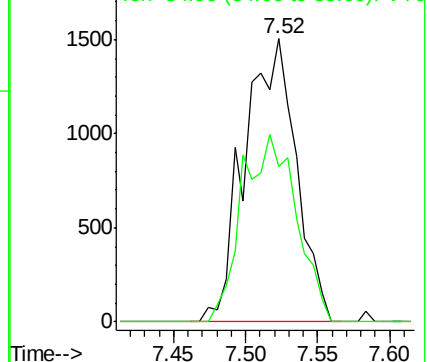
Ion Ratio Lower Upper

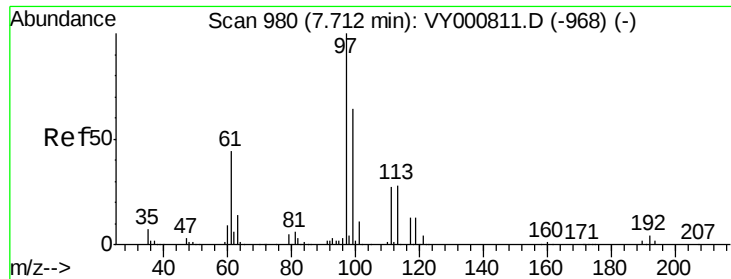
83 100

85 54.9 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VY001002.D (-900) (-)





#32

1,1,1-Trichloroethane

Concen: 4.368 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY001002.D

Acq: 18 Dec 2019 17:35

Instrument :

MSVOA_Y

ClientSampled :

TP2-6

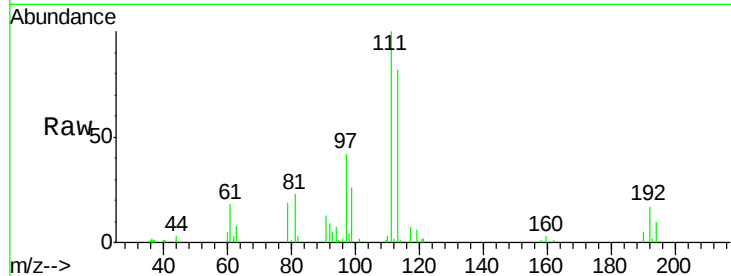
Tot Ion: 97 Resp: 8276

Ion Ratio Lower Upper

97 100

99 61.0 51.7 77.5

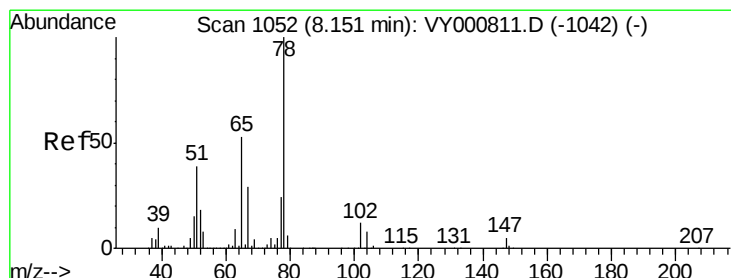
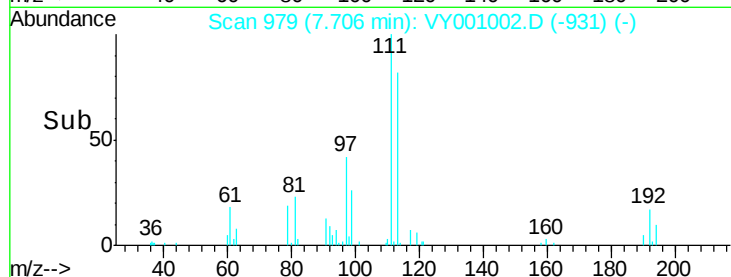
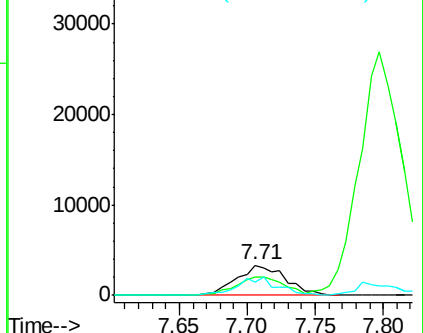
61 50.1 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VY001002.D (-931) (-)

Ion 98.90 (98.60 to 99.60): VY001002.D (-931) (-)

Ion 60.90 (60.60 to 61.60): VY001002.D (-931) (-)



#33

1,2-Dichloroethane-d4

Concen: 32.135 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001002.D

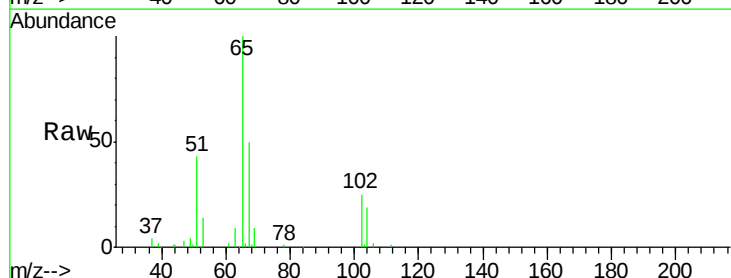
Acq: 18 Dec 2019 17:35

Tgt Ion: 65 Resp: 36673

Ion Ratio Lower Upper

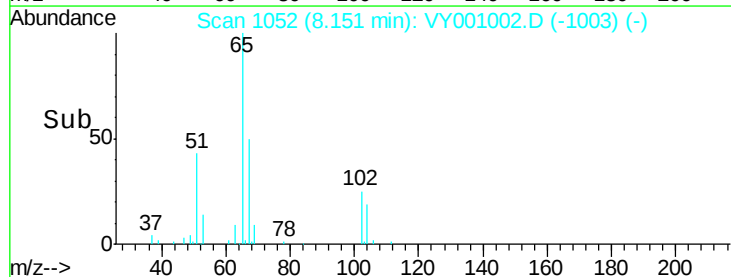
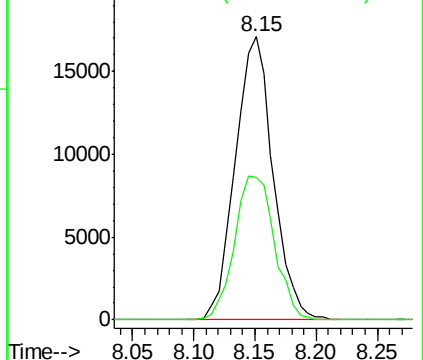
65 100

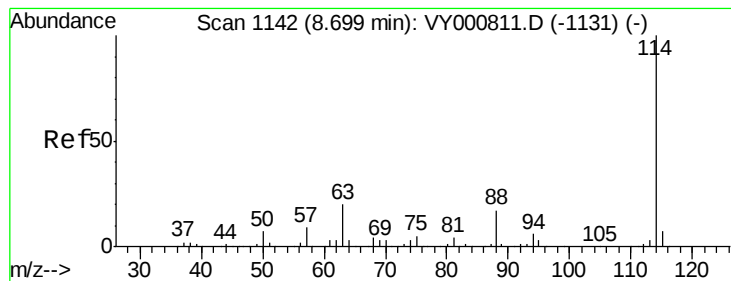
67 53.6 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY001002.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY001002.D (-1003) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY001002.D

Acq: 18 Dec 2019 17:35

Instrument :

MSVOA_Y

ClientSampled :

TP2-6

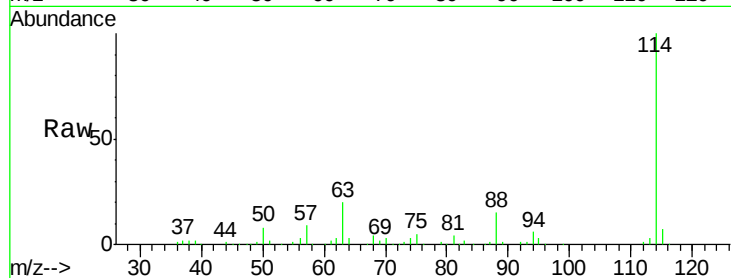
Tot Ion:114 Resp: 166966

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

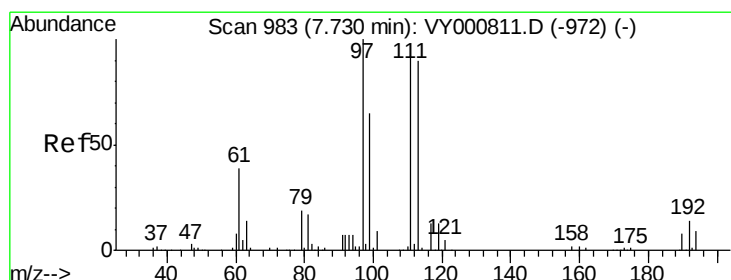
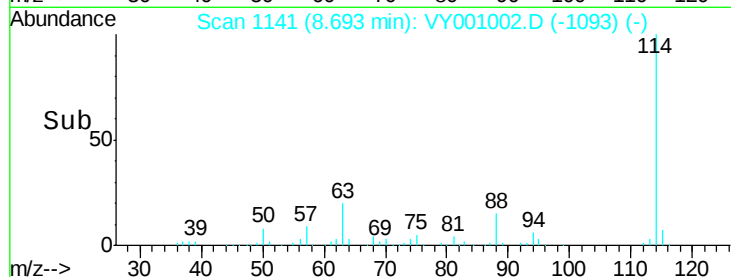
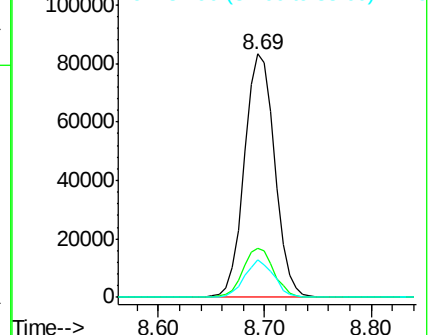
88 15.3 0.0 33.2



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: 43.497 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY001002.D

Acq: 18 Dec 2019 17:35

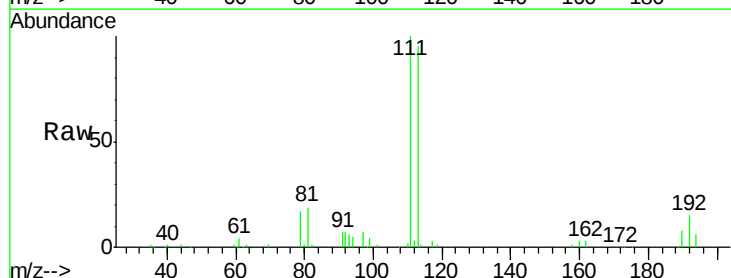
Tgt Ion:113 Resp: 42326

Ion Ratio Lower Upper

113 100

111 105.0 82.4 123.6

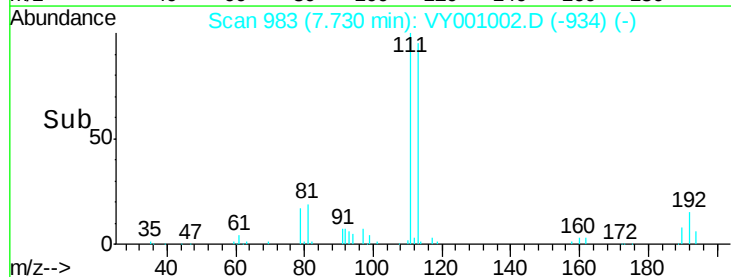
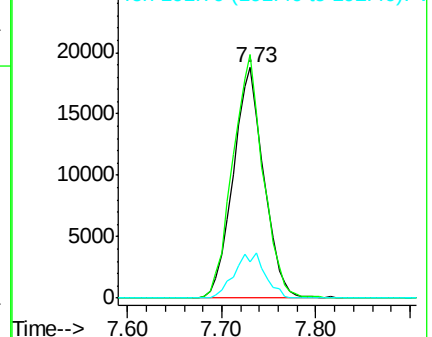
192 19.6 14.2 21.2

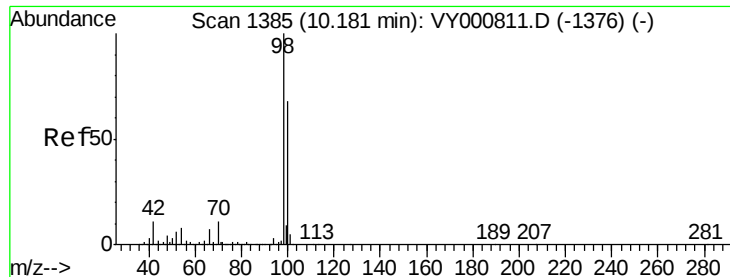


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.338 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001002.D

Acq: 18 Dec 2019 17:35

Instrument :

MSVOA_Y

ClientSampleId :

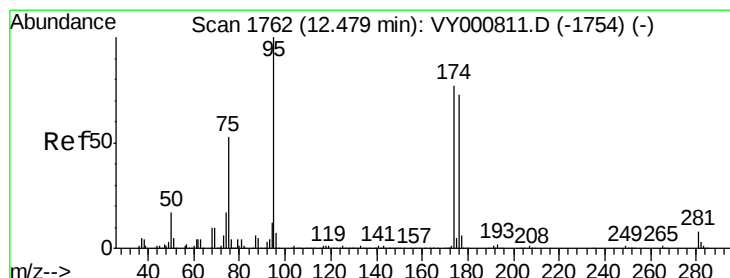
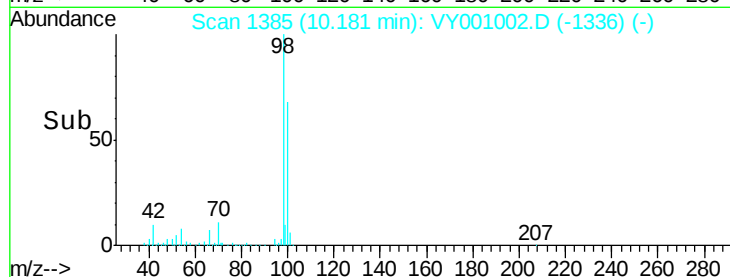
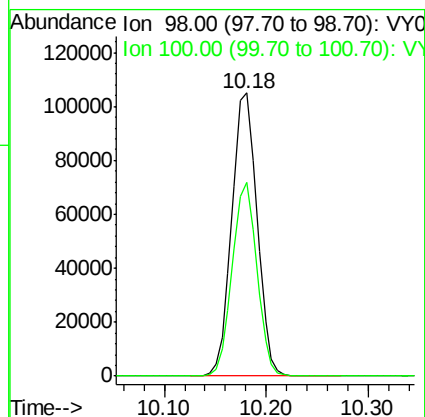
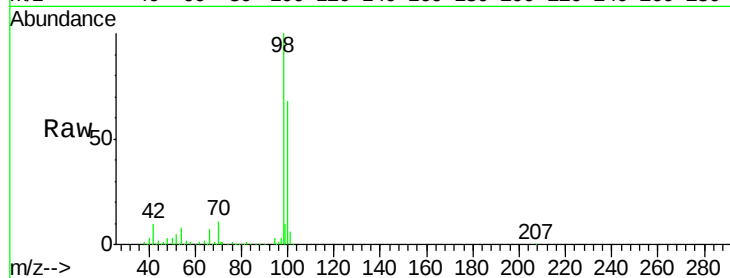
TP2-6

Tot Ion: 98 Resp: 180271

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 20.167 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001002.D

Acq: 18 Dec 2019 17:35

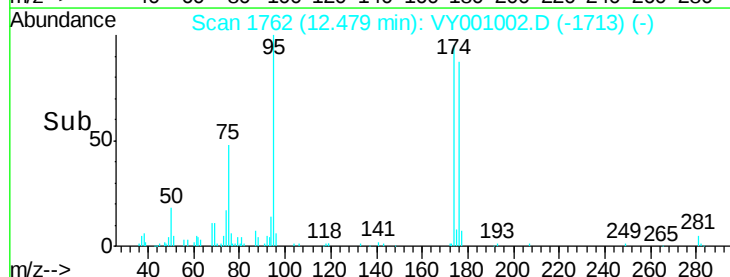
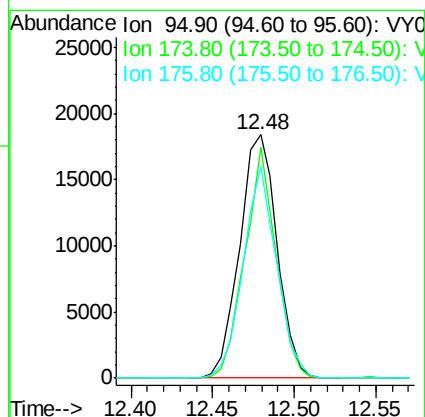
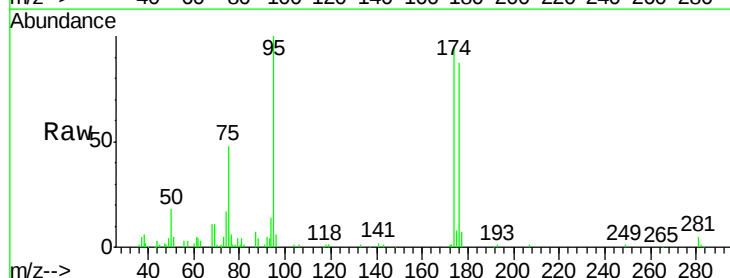
Tgt Ion: 95 Resp: 29465

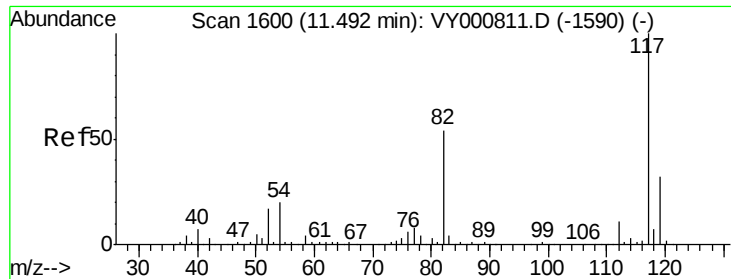
Ion Ratio Lower Upper

95 100

174 79.3 0.0 150.6

176 77.9 0.0 145.2

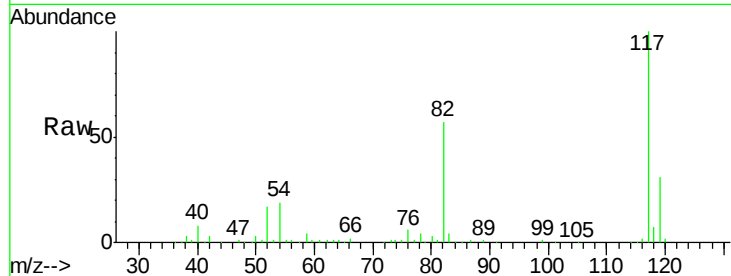




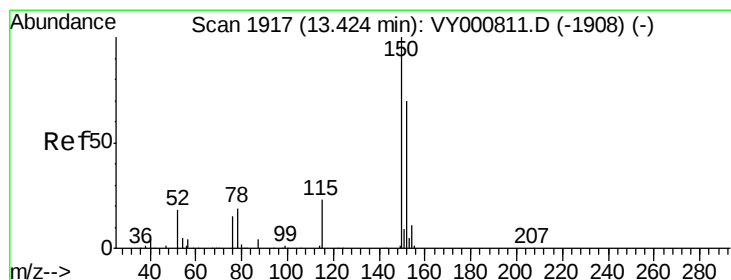
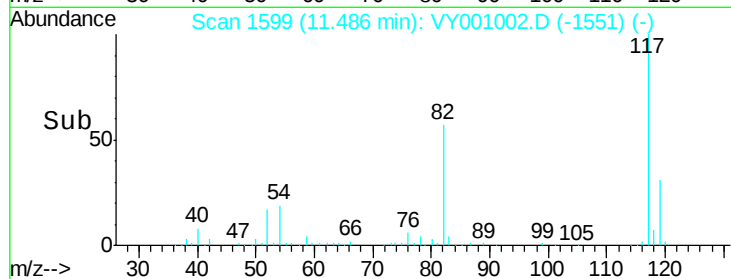
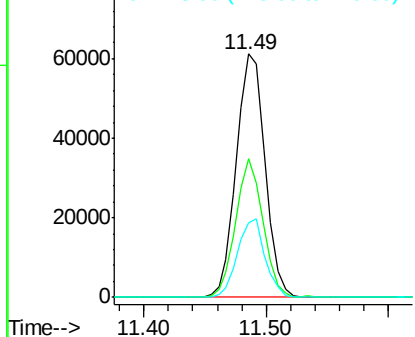
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY001002.D
Acq: 18 Dec 2019 17:35

Instrument :
MSVOA_Y
ClientSampled :
TP2-6

Tot Ion:117 Resp: 99343
Ion Ratio Lower Upper
117 100
82 57.2 43.1 64.7
119 30.8 25.3 37.9

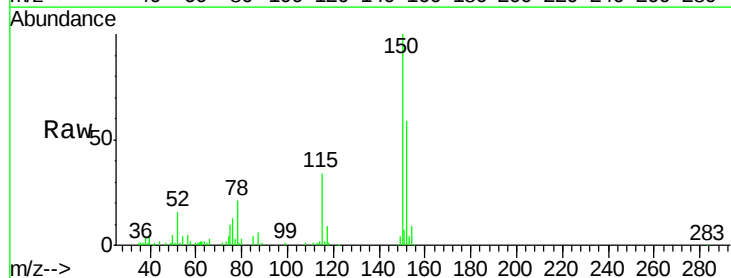


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001002.D
Acq: 18 Dec 2019 17:35

Tgt Ion:152 Resp: 25806
Ion Ratio Lower Upper
152 100
115 58.7 29.3 87.8
150 162.3 0.0 351.2



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

