

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
 Data File : VY001923.D
 Acq On : 10 Mar 2020 15:41
 Operator : SY/MD
 Sample : L1859-01
 Misc : 6.90G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-(2-3)

Quant Time: Mar 11 05:23:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

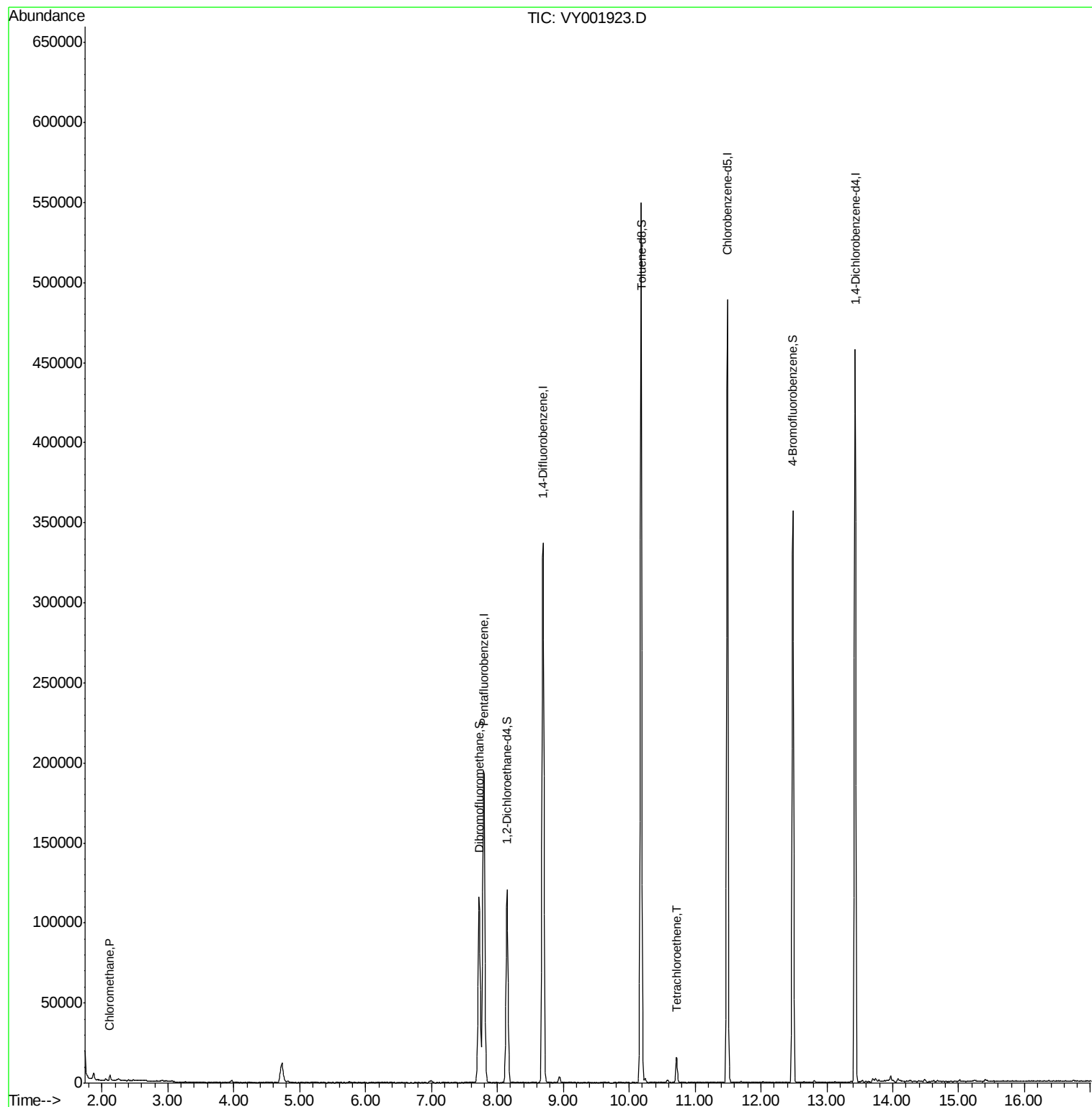
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	149411	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	285309	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	257691	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	111277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	89311	55.99	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.98%	
35) Dibromofluoromethane	7.72	113	83213	53.41	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.82%	
50) Toluene-d8	10.18	98	349674	53.23	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	12.49	95	116838	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
Target Compounds						
3) Chloromethane	2.12	50	2803	1.507	ug/l	91
64) Tetrachloroethene	10.72	164	3486	2.157	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# 994

Delta R.T. -0.02 min

Lab File: VY001923.D

Acq: 10 Mar 2020 15:41

Instrument :

MSVOA_Y

ClientSampleId :

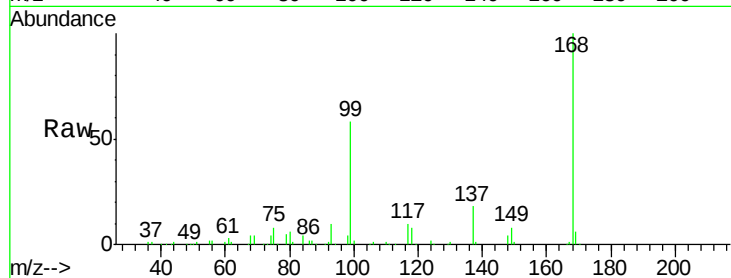
TP-7-(2-3)

Tot Ion:168 Resp: 149411

Ion Ratio Lower Upper

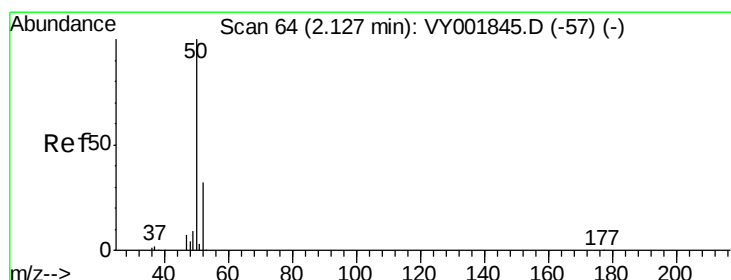
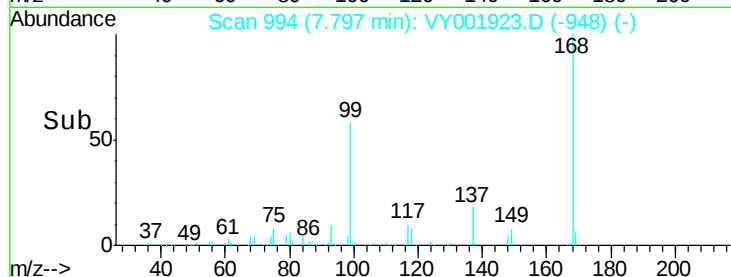
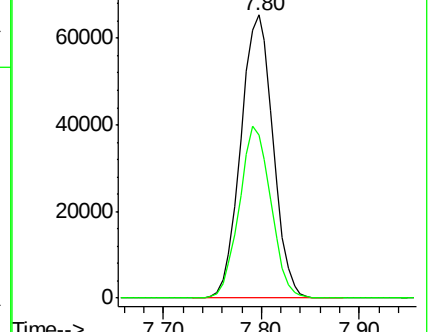
168 100

99 57.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#3

Chloromethane

Concen: 1.507 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001923.D

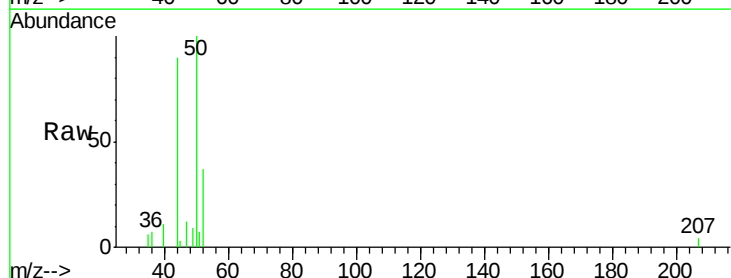
Acq: 10 Mar 2020 15:41

Tgt Ion: 50 Resp: 2803

Ion Ratio Lower Upper

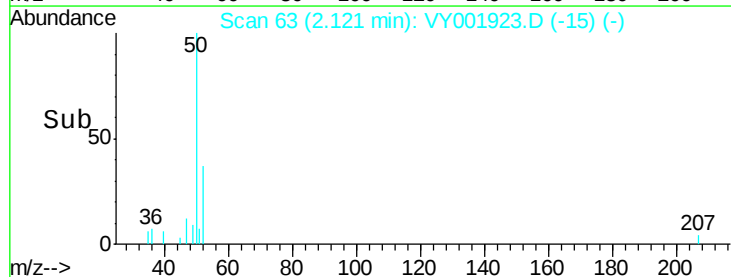
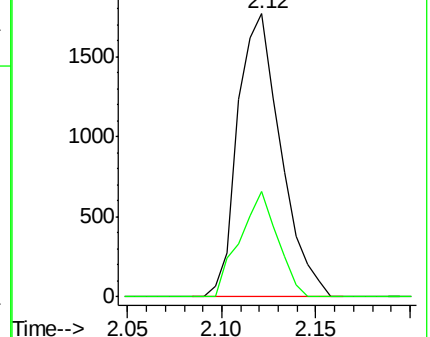
50 100

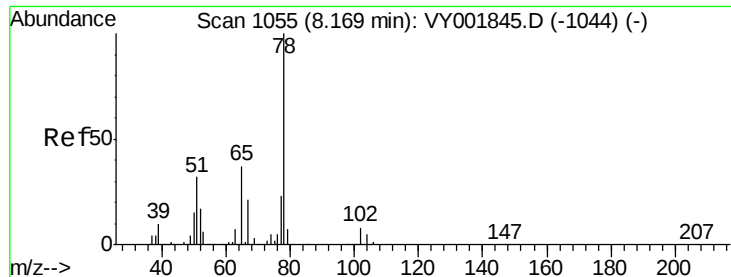
52 37.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001845.D (-57) (-)

Ion 51.90 (51.60 to 52.60): VY001845.D (-57) (-)

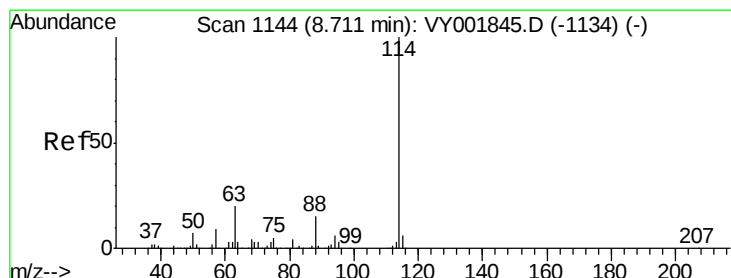
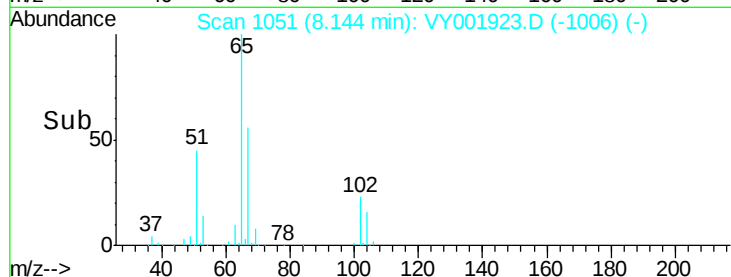
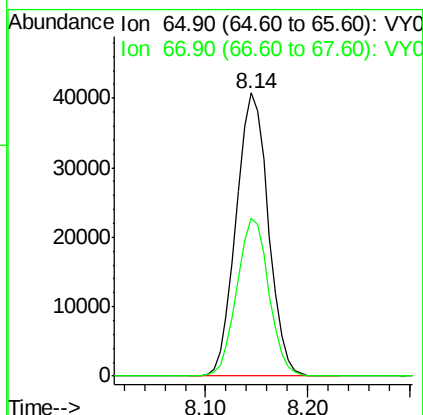
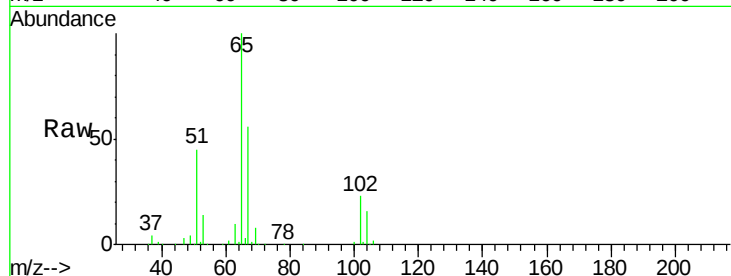




#33
 1,2-Dichloroethane-d4
 Concen: 55.992 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.02 min
 Lab File: VY001923.D
 Acq: 10 Mar 2020 15:41

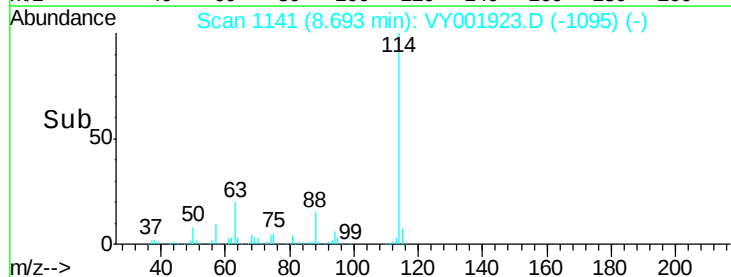
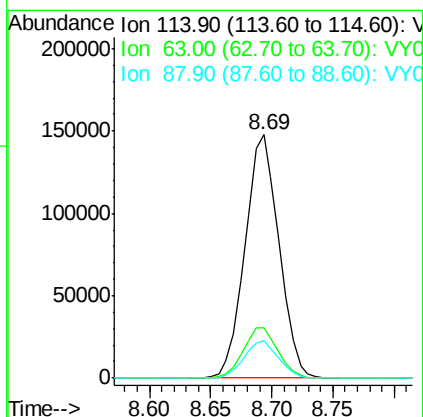
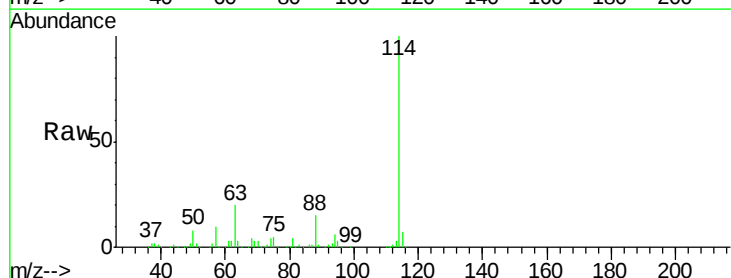
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-(2-3)

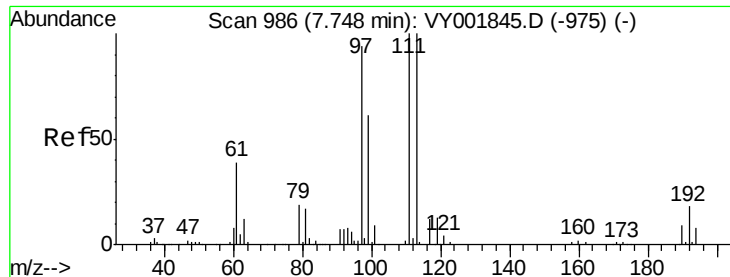
Tot Ion: 65 Resp: 89311
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: VY001923.D
 Acq: 10 Mar 2020 15:41

Tgt Ion: 114 Resp: 285309
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.4
 88 15.3 0.0 30.4

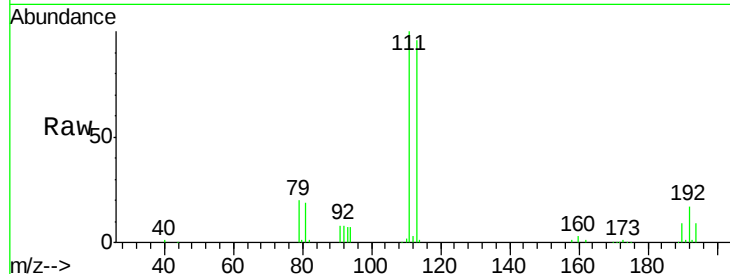




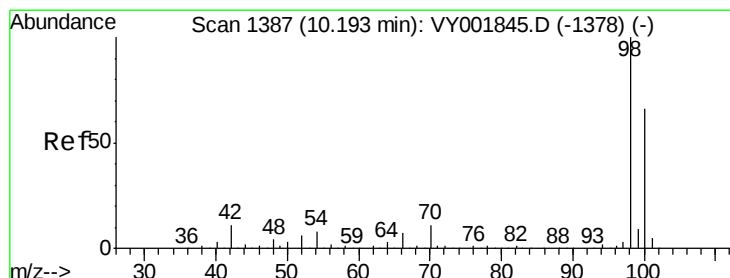
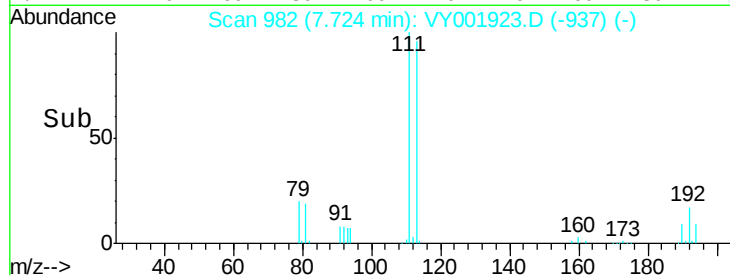
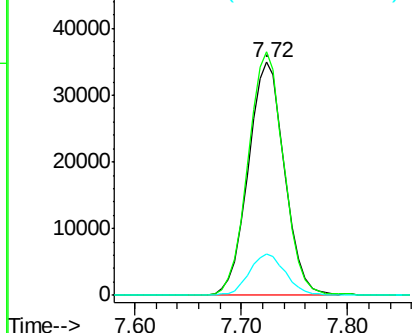
#35
 Dibromofluoromethane
 Concen: 53.413 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: VY001923.D
 Acq: 10 Mar 2020 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-(2-3)

Tot Ion:113 Resp: 83213
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.8 122.8
 192 17.8 14.2 21.2

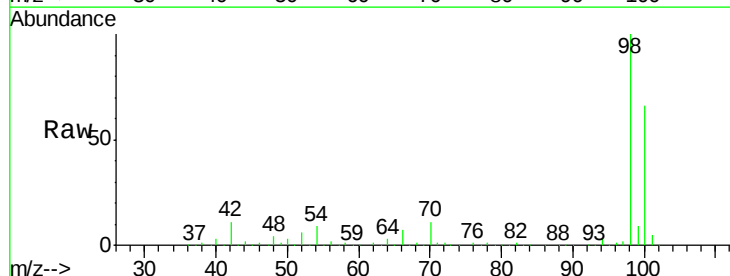


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

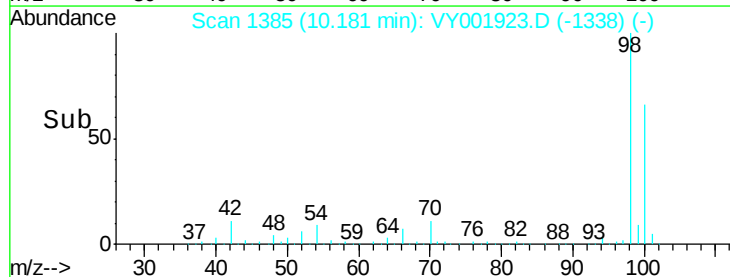
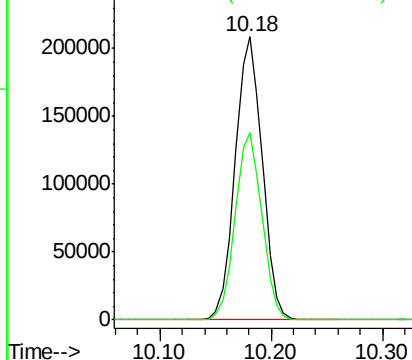


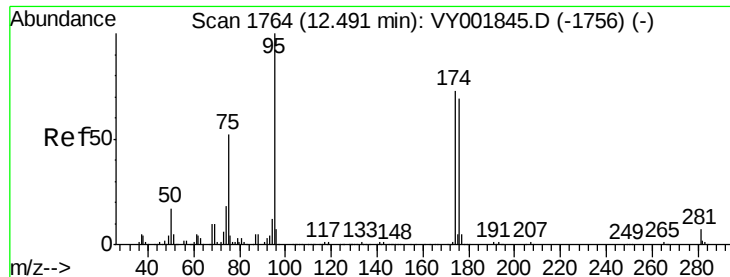
#50
 Toluene-d8
 Concen: 53.227 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY001923.D
 Acq: 10 Mar 2020 15:41

Tgt Ion: 98 Resp: 349674
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.0 79.4



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

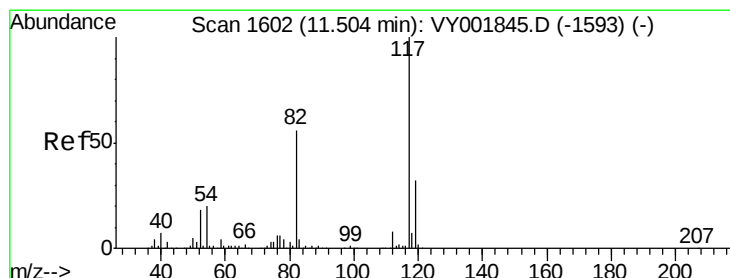
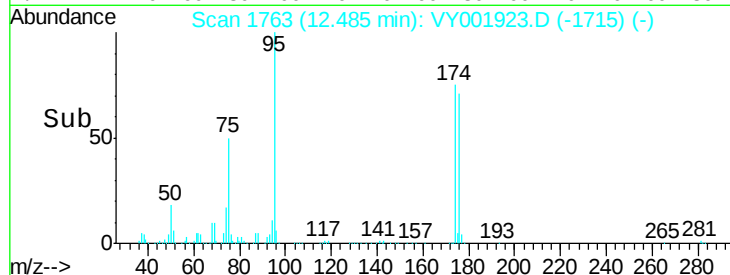
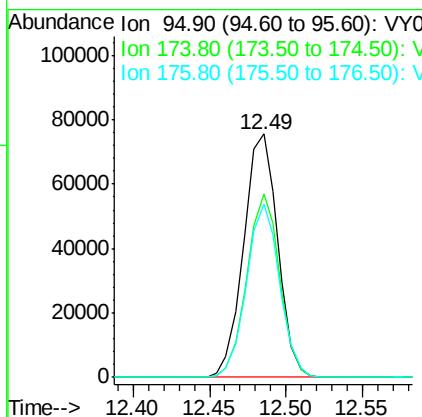
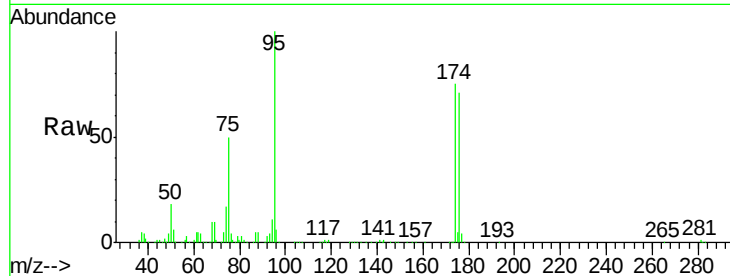




#62
 4-Bromofluorobenzene
 Concen: 51.149 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: VY001923.D
 Acq: 10 Mar 2020 15:41

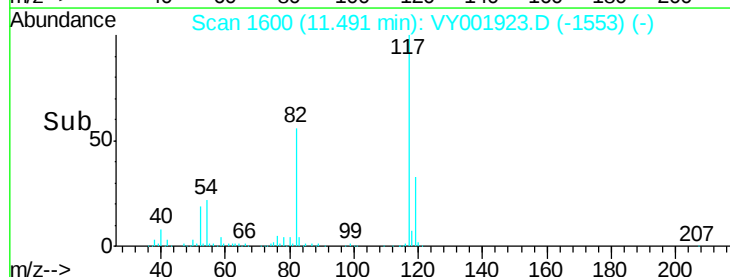
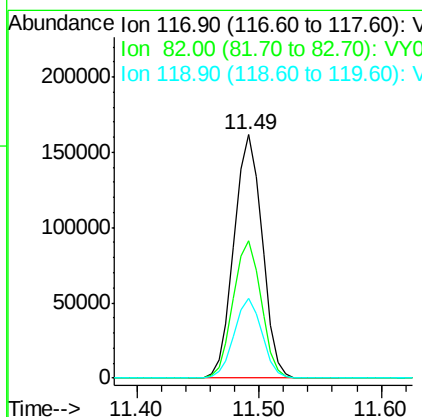
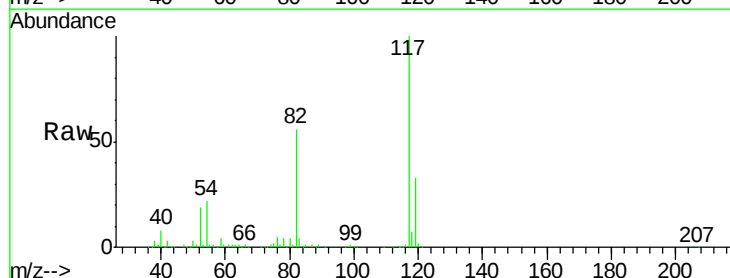
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-7-(2-3)

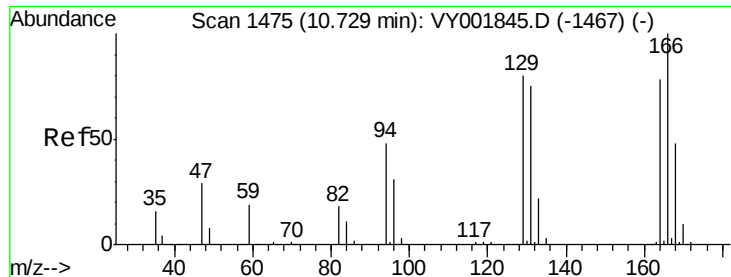
Tot Ion: 95 Resp: 116838
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 145.0
 176 69.2 0.0 137.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: VY001923.D
 Acq: 10 Mar 2020 15:41

Tgt Ion: 117 Resp: 257691
 Ion Ratio Lower Upper
 117 100
 82 56.2 44.5 66.7
 119 32.7 25.7 38.5

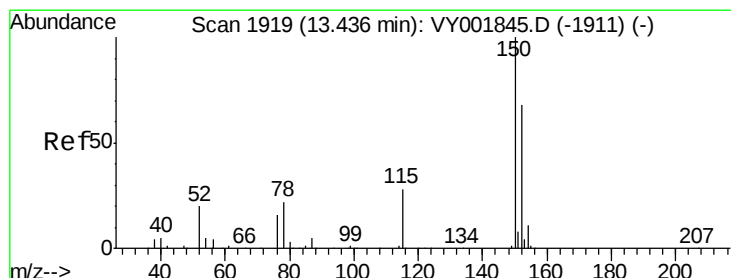
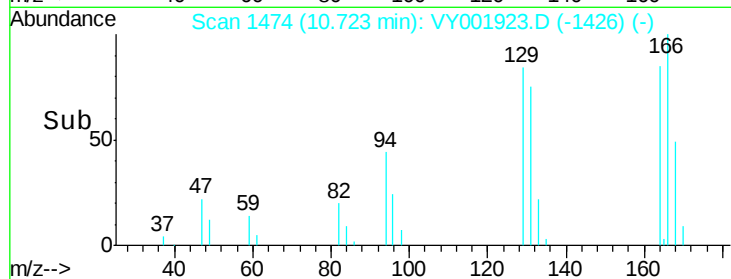
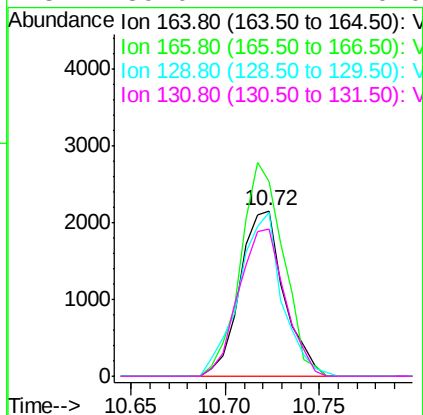
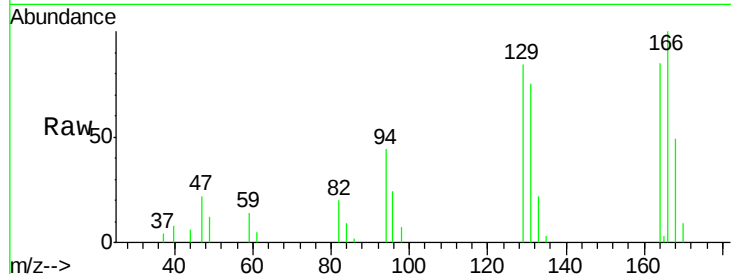




#64
Tetrachloroethene
Concen: 2.157 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.01 min
Lab File: VY001923.D
Acq: 10 Mar 2020 15:41

Instrument :
MSVOA_Y
ClientSampleId :
TP-7-(2-3)

Tot Ion:164 Resp: 3486
Ion Ratio Lower Upper
164 100
166 117.9 102.6 154.0
129 99.0 82.3 123.5
131 89.0 77.4 116.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001923.D
Acq: 10 Mar 2020 15:41

Tgt Ion:152 Resp: 111277
Ion Ratio Lower Upper
152 100
115 60.7 29.9 89.7
150 156.7 0.0 340.6

