

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000823.D
 Acq On : 27 Nov 2019 16:47
 Operator : SY/MD
 Sample : K6069-04
 Misc : 8.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Quant Time: Nov 28 23:09:56 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

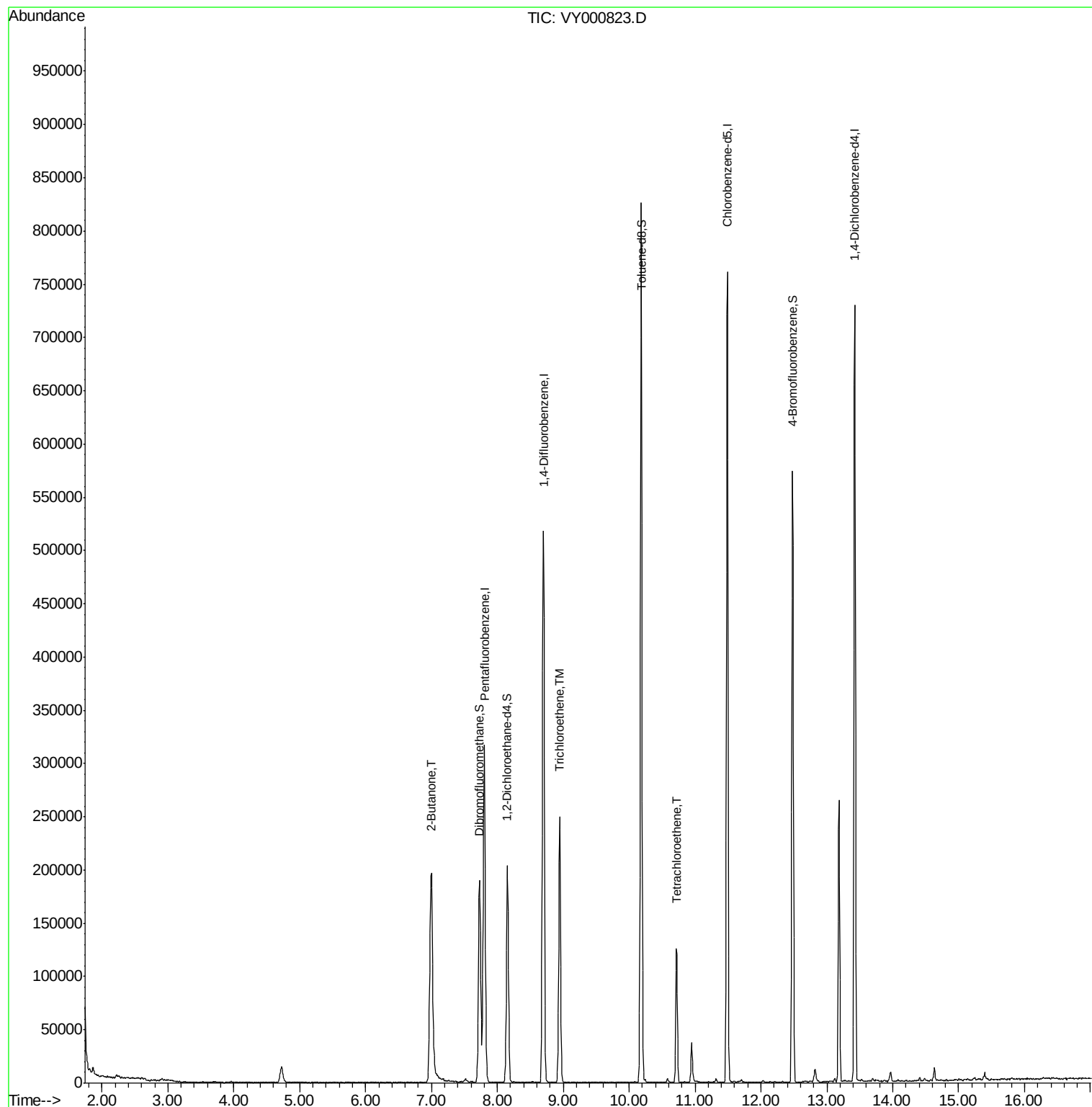
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	239036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	445028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	404360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	177286	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	150134	59.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.22%	
35) Dibromofluoromethane	7.73	113	133690	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	10.18	98	534174	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.48	95	176140	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
Target Compounds						
25) 2-Butanone	6.99	43	9856	9.157	ug/l #	65
44) Trichloroethene	8.94	130	84712	25.574	ug/l	95
64) Tetrachloroethene	10.72	164	27860	7.930	ug/l	94

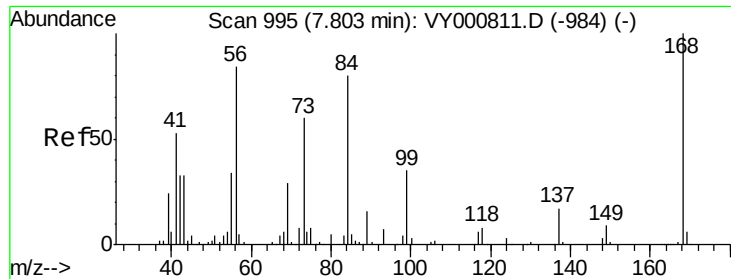
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000823.D

Acq: 27 Nov 2019 16:47

Instrument :

MSVOA_Y

ClientSampled :

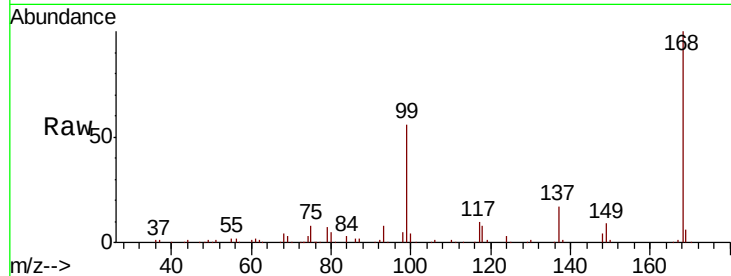
SB-4

Tot Ion:168 Resp: 239036

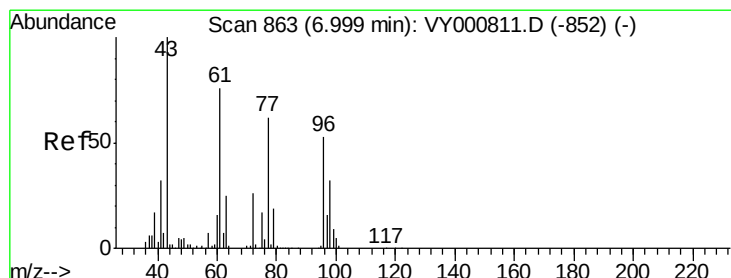
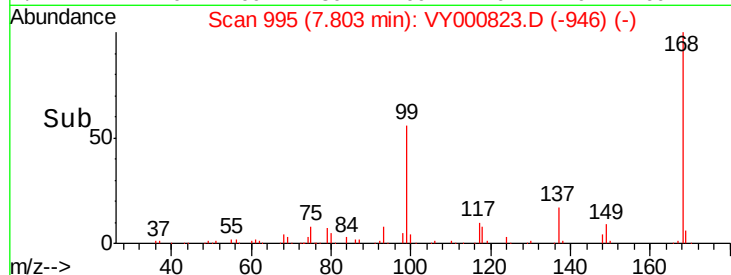
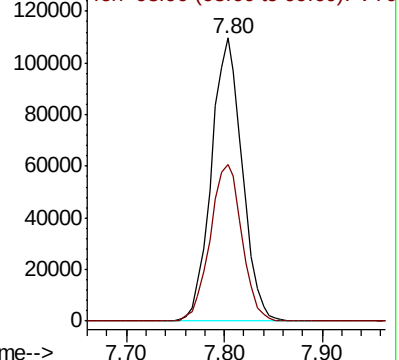
Ion Ratio Lower Upper

168 100

99 55.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000823.D (-946) (-)



#25

2-Butanone

Concen: 9.157 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000823.D

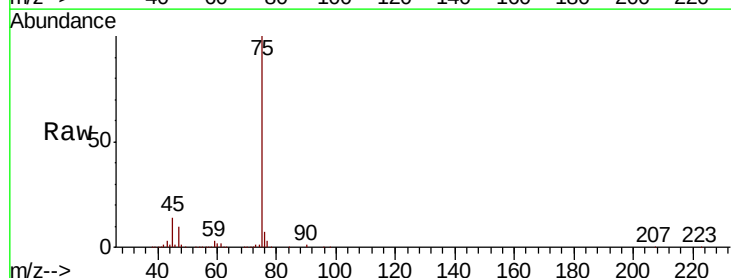
Acq: 27 Nov 2019 16:47

Tgt Ion: 43 Resp: 9856

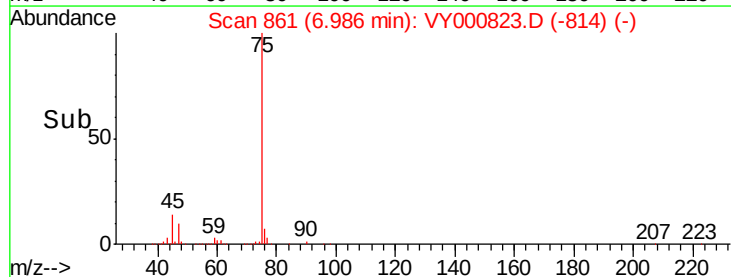
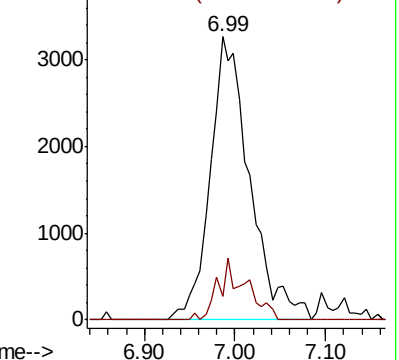
Ion Ratio Lower Upper

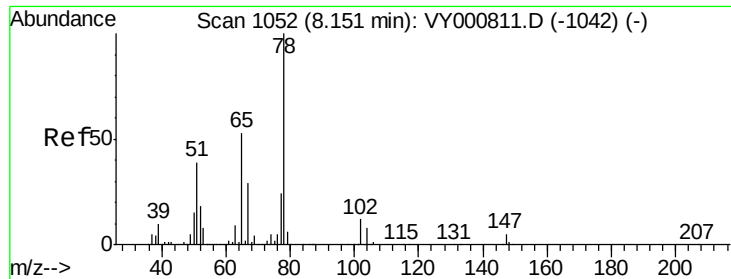
43 100

72 8.2 21.0 31.4#



Abundance Ion 43.00 (42.70 to 43.70): VY000823.D (-814) (-)

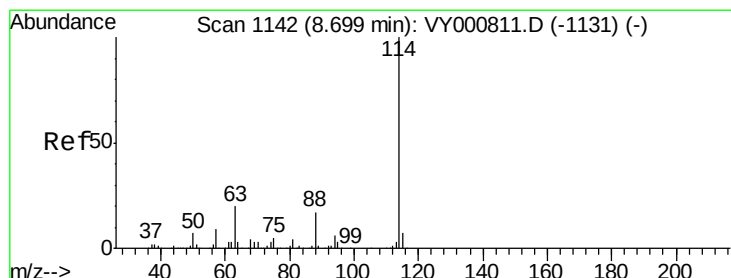
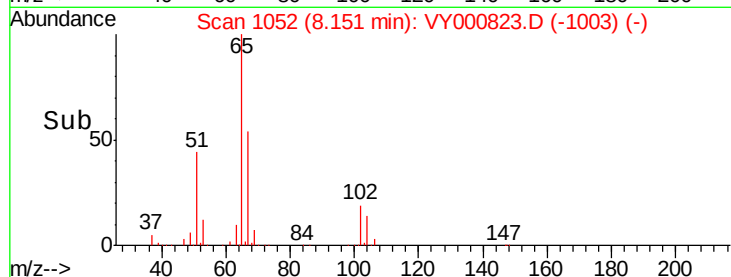
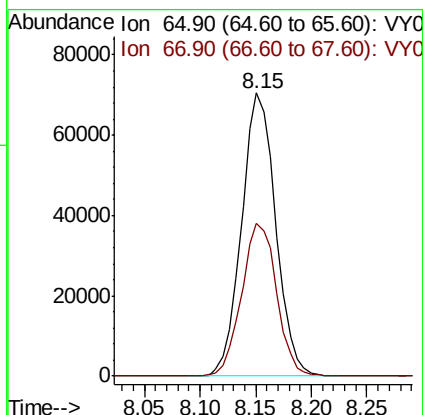
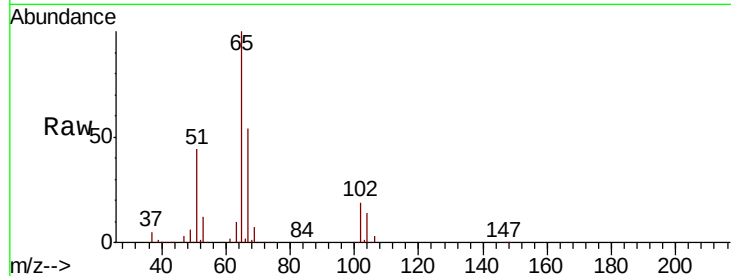




#33
 1,2-Dichloroethane-d4
 Concen: 59.109 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000823.D
 Acq: 27 Nov 2019 16:47

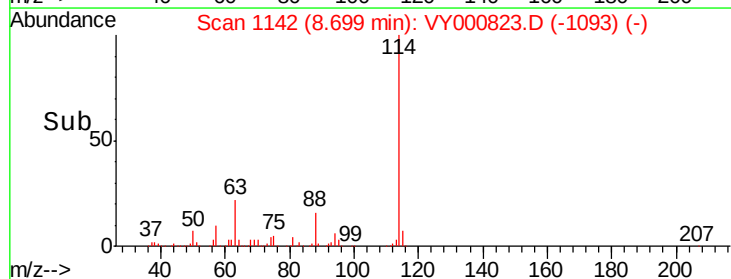
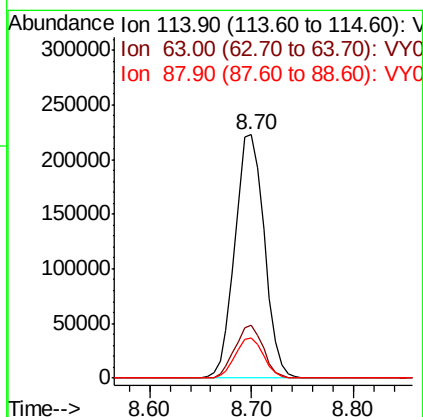
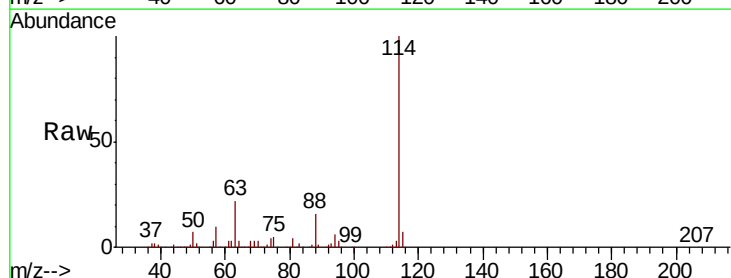
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

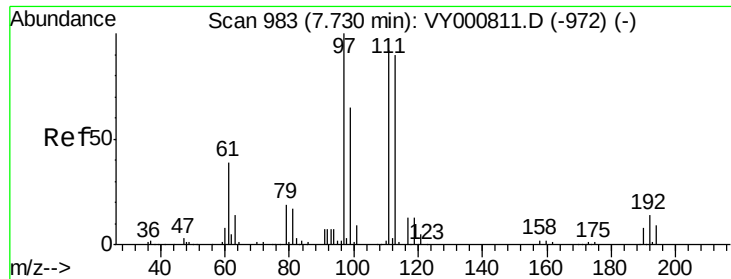
Tot Ion: 65 Resp: 150134
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000823.D
 Acq: 27 Nov 2019 16:47

Tgt Ion: 114 Resp: 445028
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.8
 88 16.3 0.0 33.2

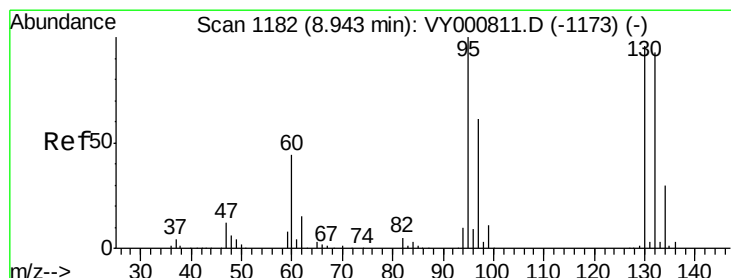
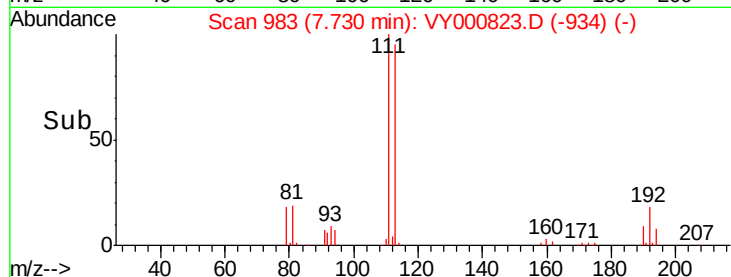
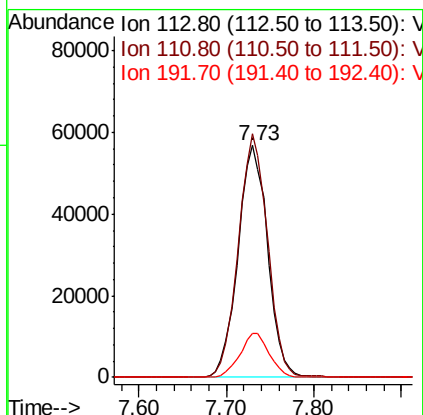
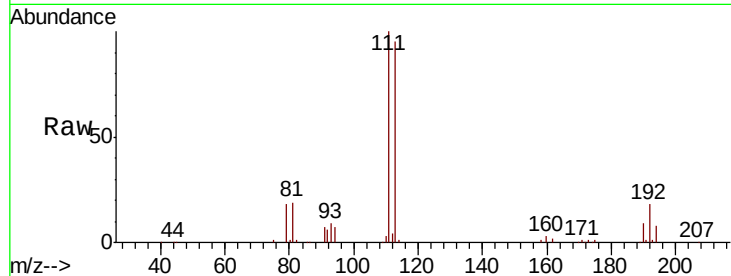




#35
Dibromofluoromethane
Concen: 51.546 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000823.D
Acq: 27 Nov 2019 16:47

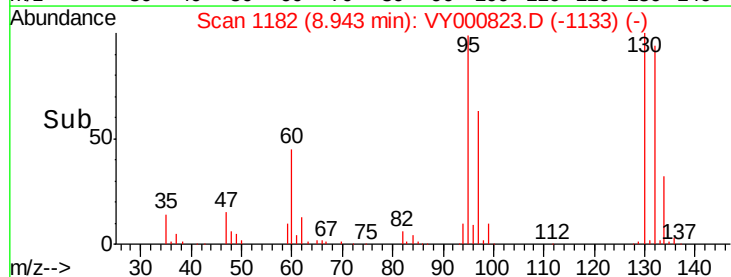
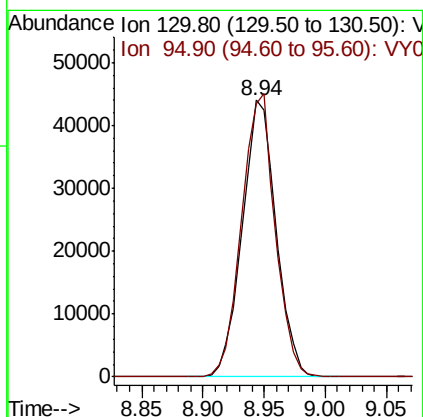
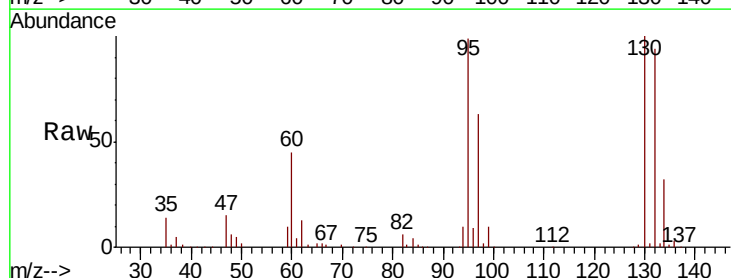
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

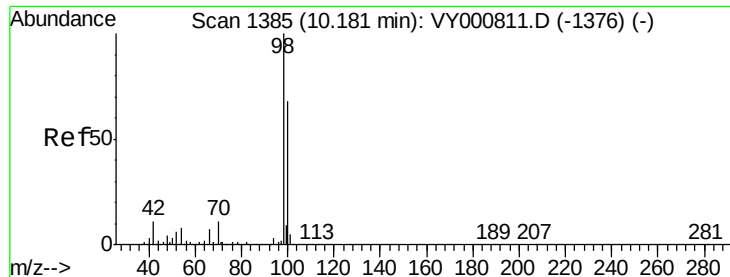
Tot Ion:113 Resp: 133690
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 18.6 14.2 21.2



#44
Trichloroethene
Concen: 25.574 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000823.D
Acq: 27 Nov 2019 16:47

Tgt Ion:130 Resp: 84712
Ion Ratio Lower Upper
130 100
95 99.0 0.0 207.8





#50

Toluene-d8

Concen: 51.516 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000823.D

Acq: 27 Nov 2019 16:47

Instrument :

MSVOA_Y

ClientSampleId :

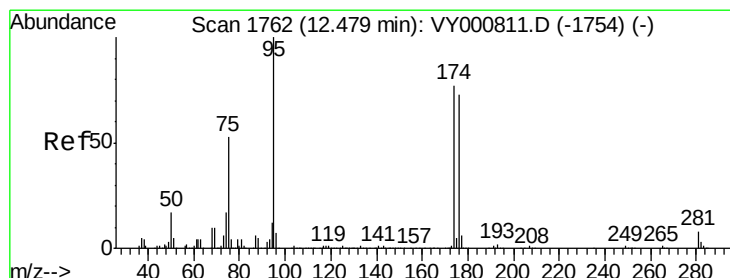
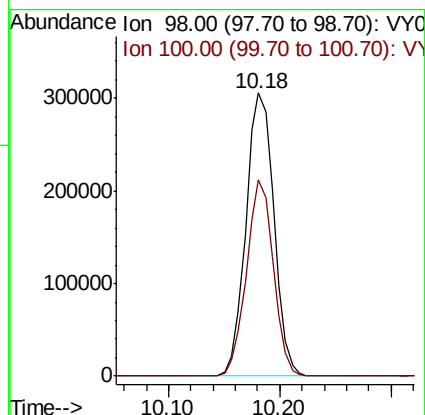
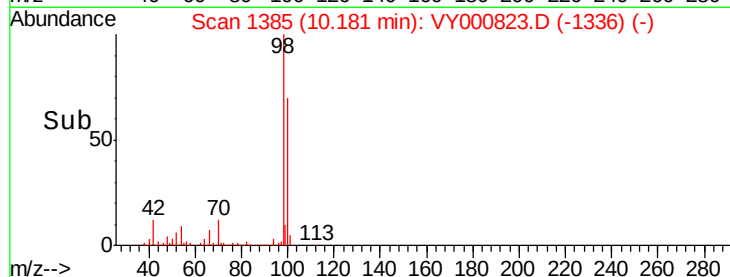
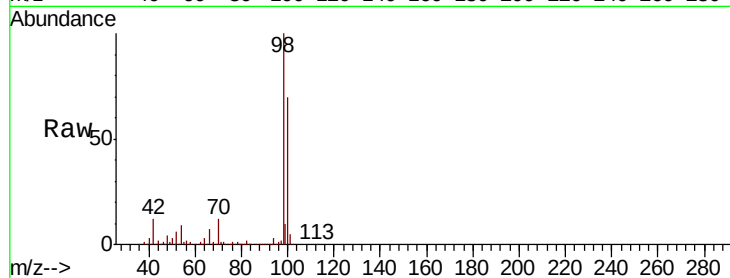
SB-4

Tot Ion: 98 Resp: 534174

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.232 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000823.D

Acq: 27 Nov 2019 16:47

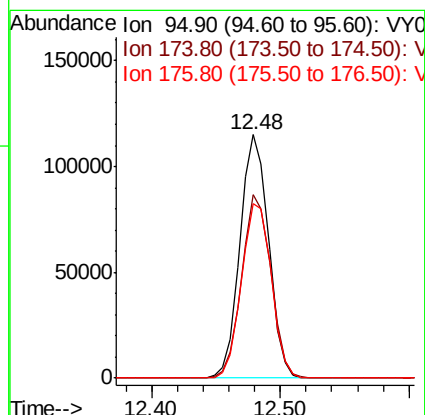
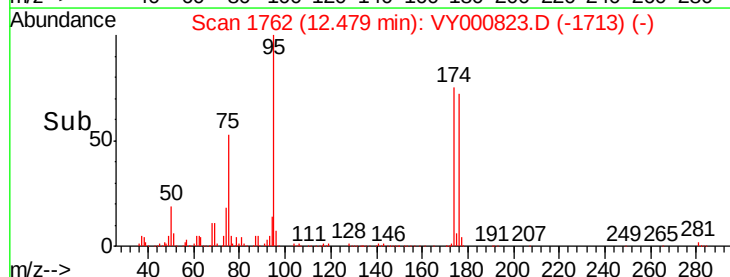
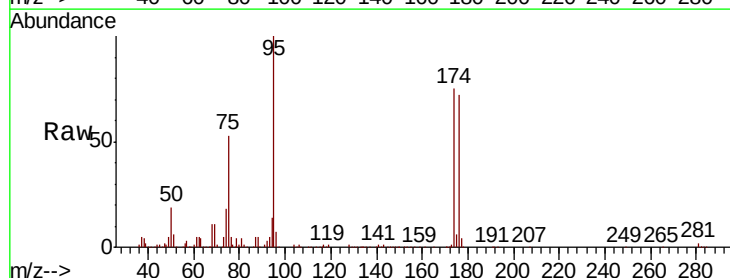
Tgt Ion: 95 Resp: 176140

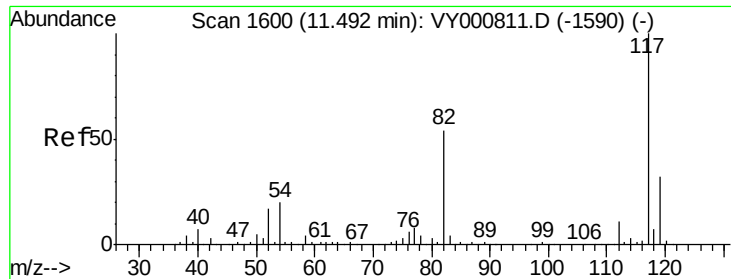
Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.6

176 74.7 0.0 145.2

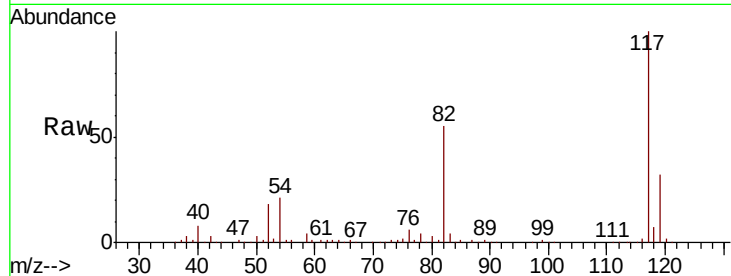




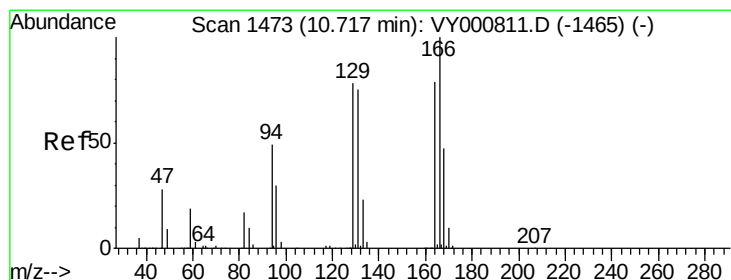
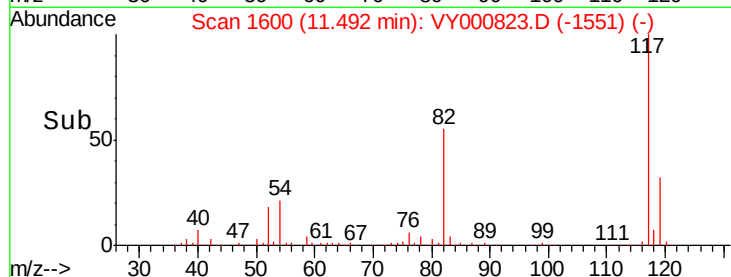
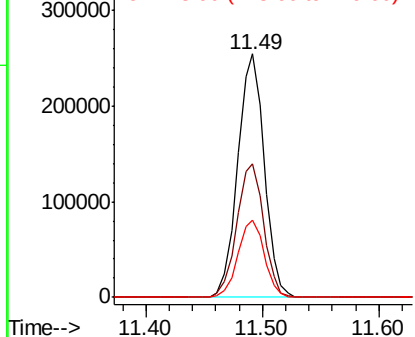
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000823.D
Acq: 27 Nov 2019 16:47

Instrument :
MSVOA_Y
ClientSampleId :
SB-4

Tot Ion:117 Resp: 404360
Ion Ratio Lower Upper
117 100
82 54.7 43.1 64.7
119 31.9 25.3 37.9

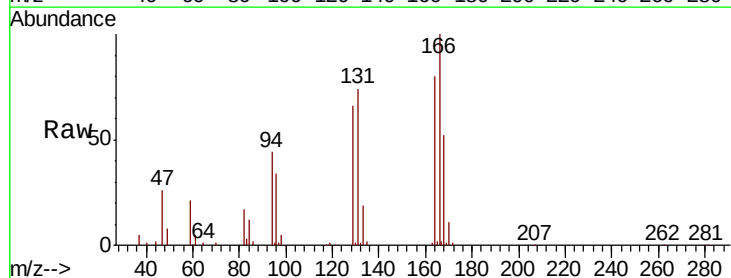


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

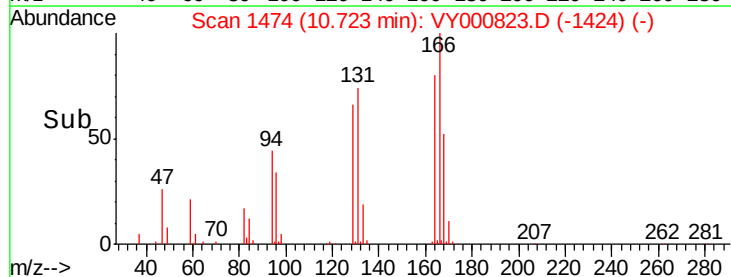
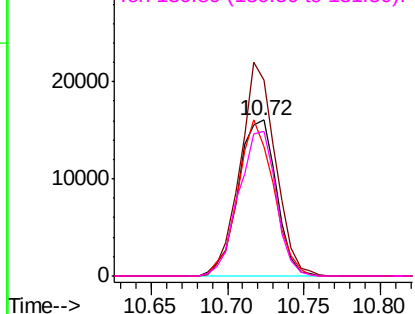


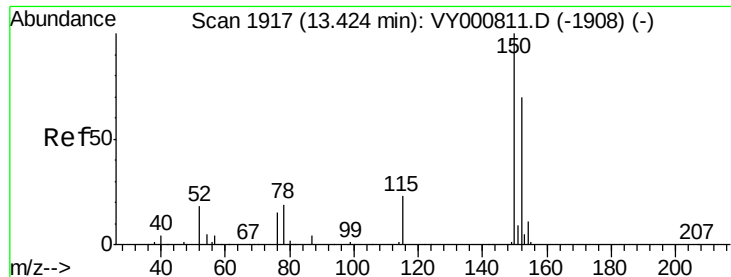
#64
Tetrachloroethene
Concen: 7.930 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VY000823.D
Acq: 27 Nov 2019 16:47

Tgt Ion:164 Resp: 27860
Ion Ratio Lower Upper
164 100
166 125.7 101.8 152.8
129 83.4 79.3 118.9
131 92.5 76.4 114.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



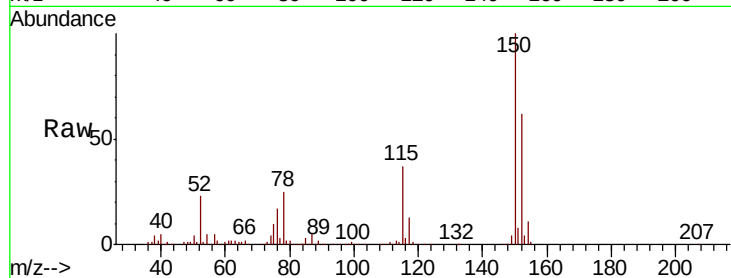


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY000823.D
 Acq: 27 Nov 2019 16:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.3	87.8
150	157.3	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

