

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000826.D
 Acq On : 27 Nov 2019 17:53
 Operator : SY/MD
 Sample : K6069-02RE
 Misc : 5.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1RE

Quant Time: Nov 28 23:25:54 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

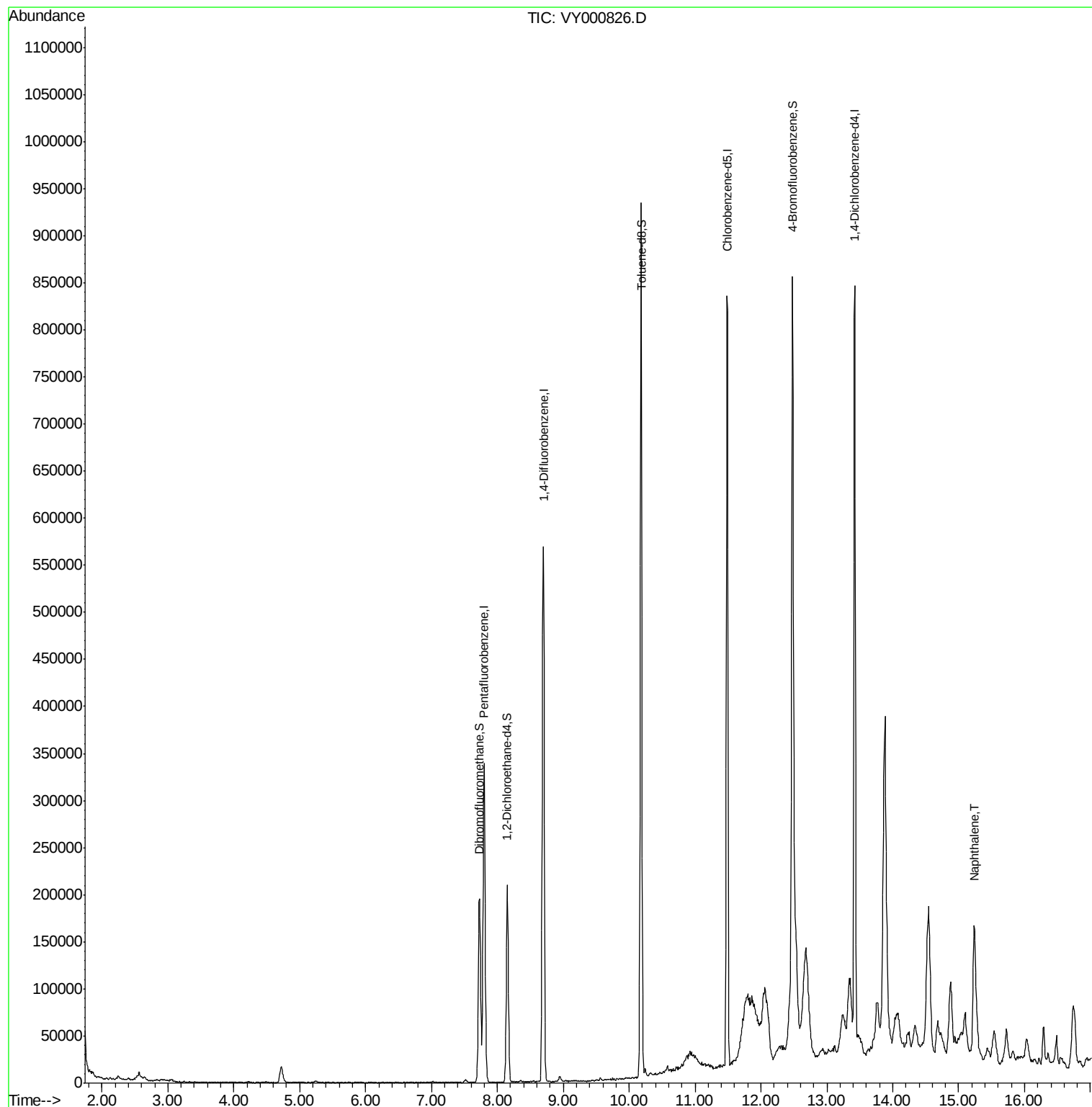
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	259681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	501359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	446523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	201480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	155872	56.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.98%	
35) Dibromofluoromethane	7.73	113	143831	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	10.18	98	599846	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.48	95	201782	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
Target Compounds						
95) Naphthalene	15.23	128	41079	4.261	ug/l #	Qvalue 92

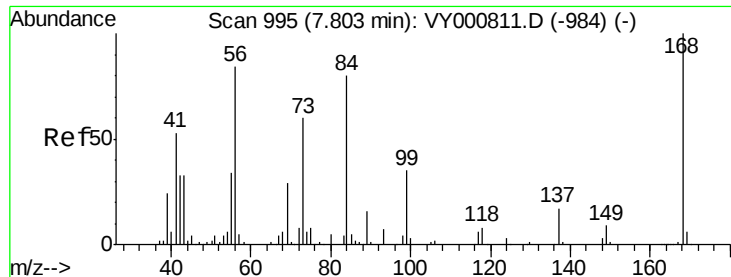
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000826.D

Acq: 27 Nov 2019 17:53

Instrument :

MSVOA_Y

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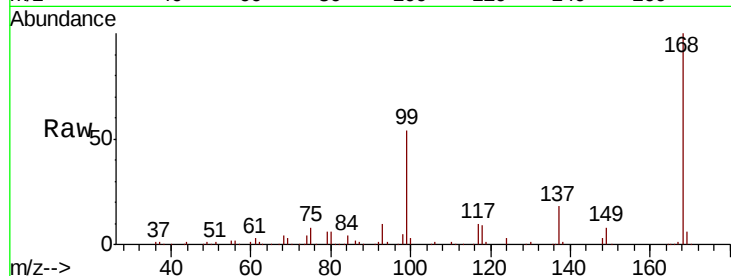
SB-1RE

Tot Ion:168 Resp: 259681

Ion Ratio Lower Upper

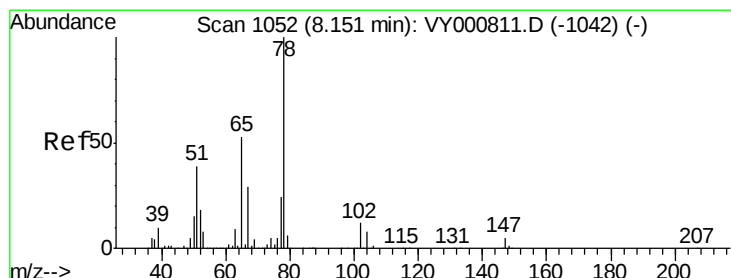
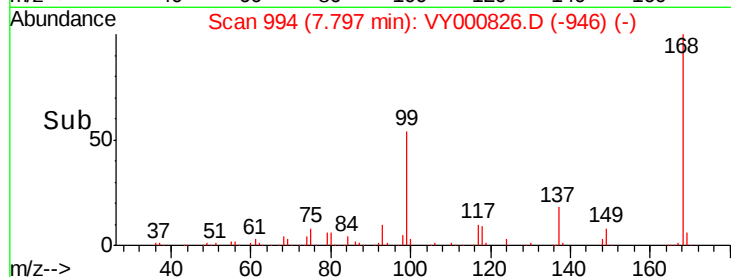
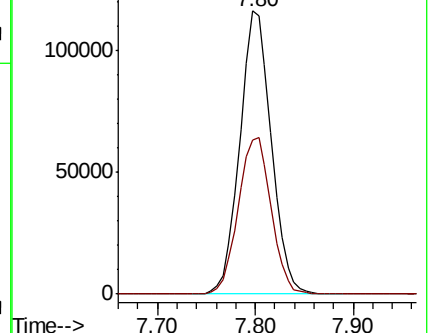
168 100

99 54.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.489 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000826.D

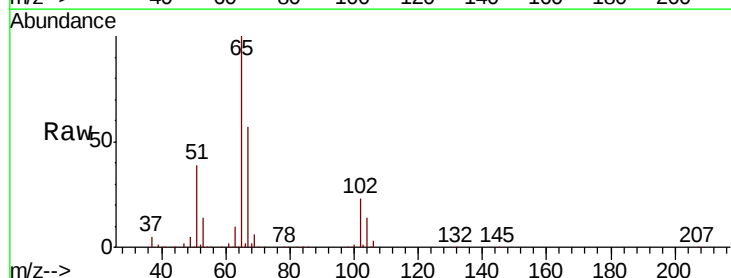
Acq: 27 Nov 2019 17:53

Tgt Ion: 65 Resp: 155872

Ion Ratio Lower Upper

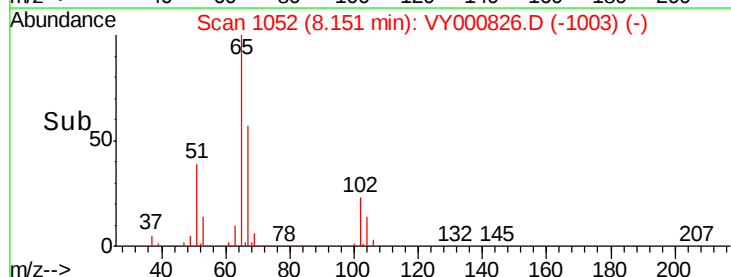
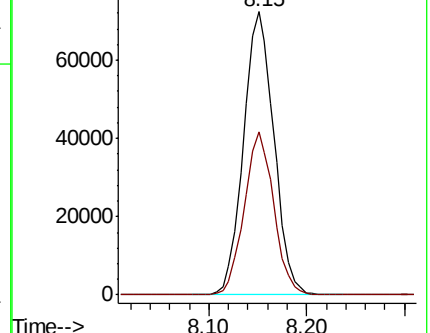
65 100

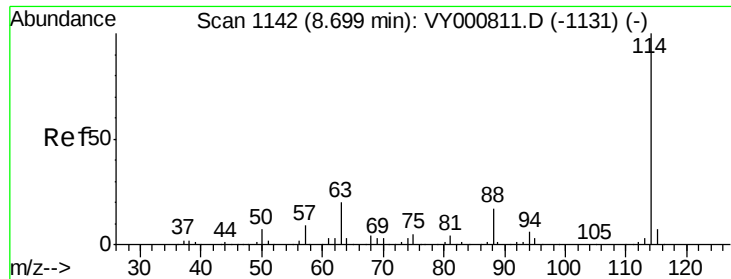
67 55.7 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY000811.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY000811.D (-1042) (-)

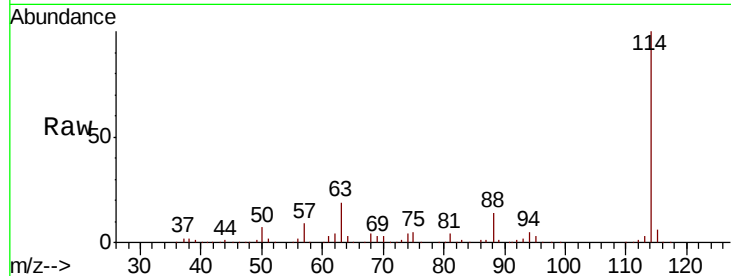




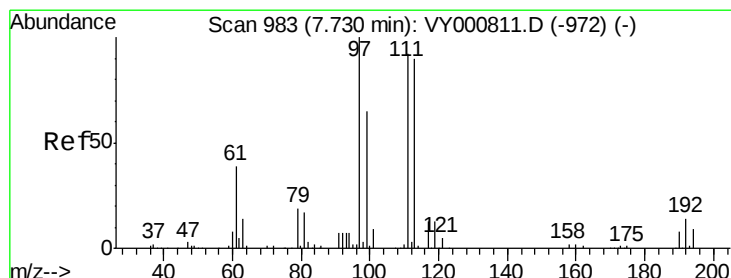
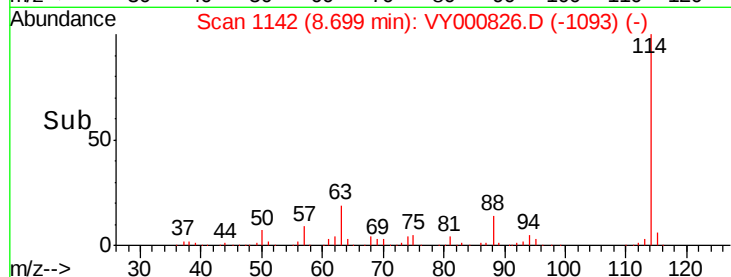
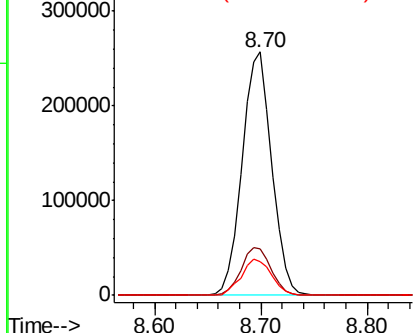
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000826.D
 Acq: 27 Nov 2019 17:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.8
88	13.7	0.0	33.2

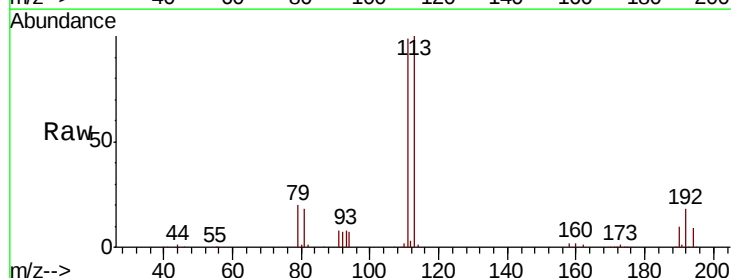


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

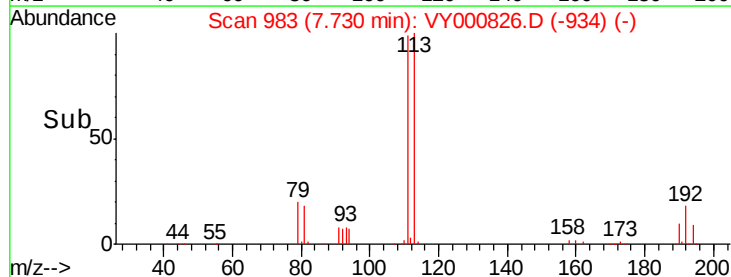
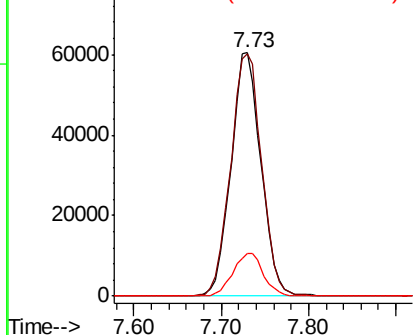


#35
 Dibromofluoromethane
 Concen: 49.225 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000826.D
 Acq: 27 Nov 2019 17:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	17.9	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: 51.349 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000826.D

Acq: 27 Nov 2019 17:53

Instrument :

MSVOA_Y

ClientSampleId :

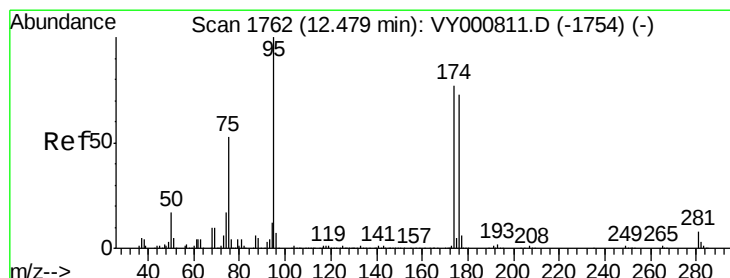
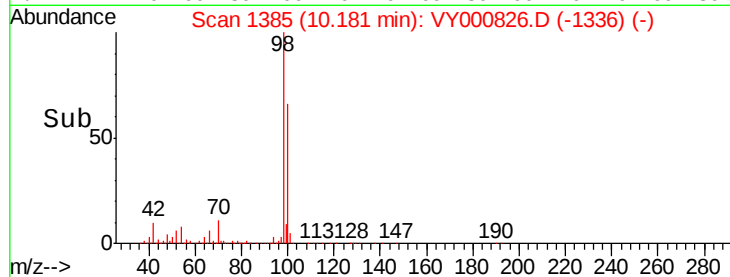
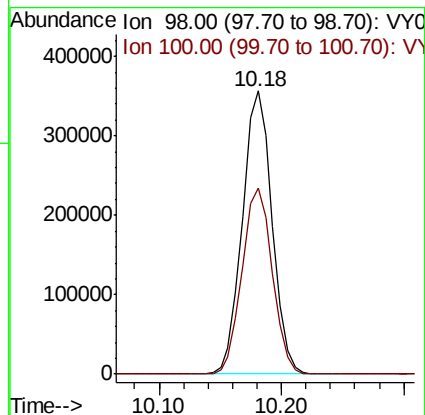
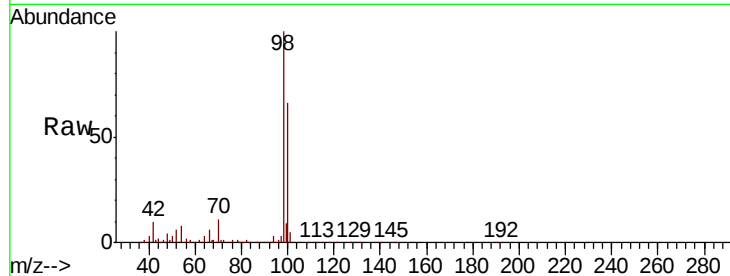
SB-1RE

Tot Ion: 98 Resp: 599846

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.995 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000826.D

Acq: 27 Nov 2019 17:53

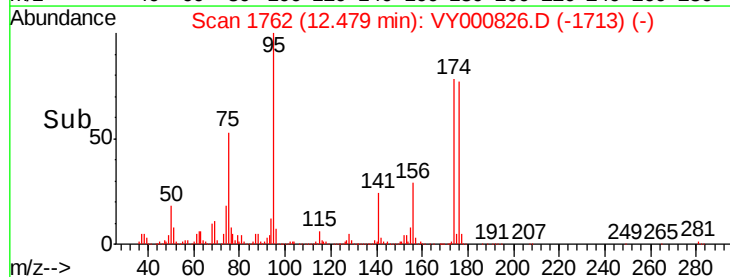
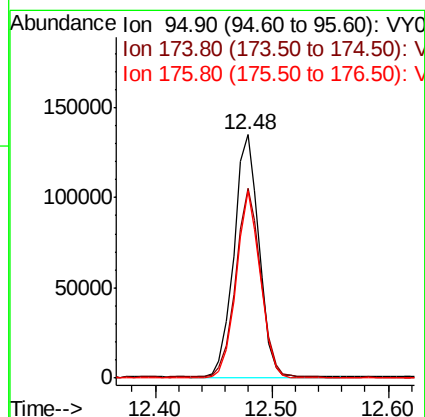
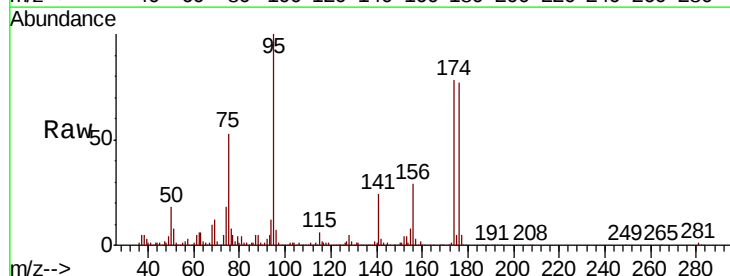
Tgt Ion: 95 Resp: 201782

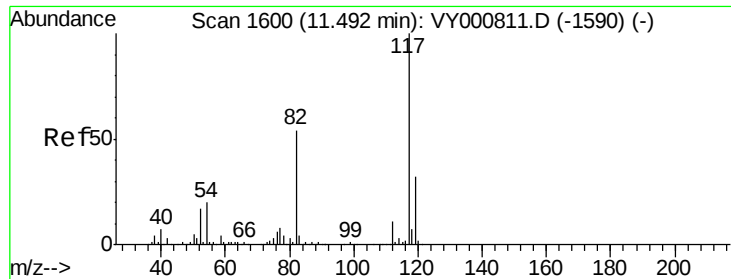
Ion Ratio Lower Upper

95 100

174 79.0 0.0 150.6

176 73.8 0.0 145.2

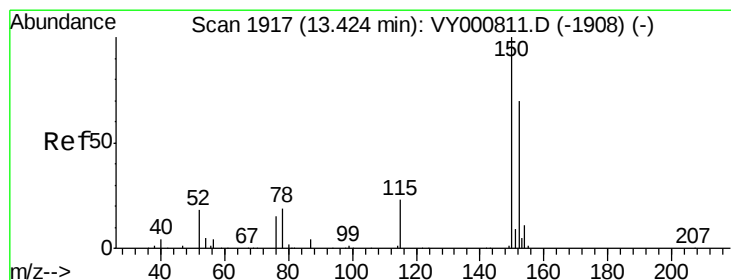
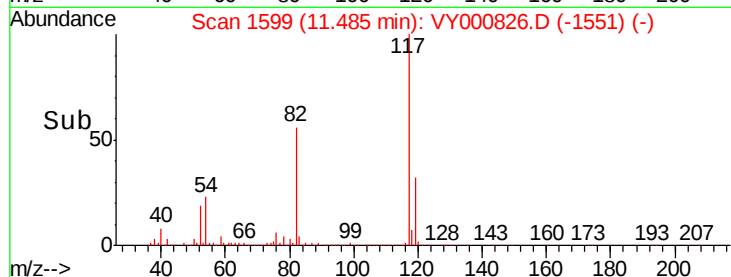
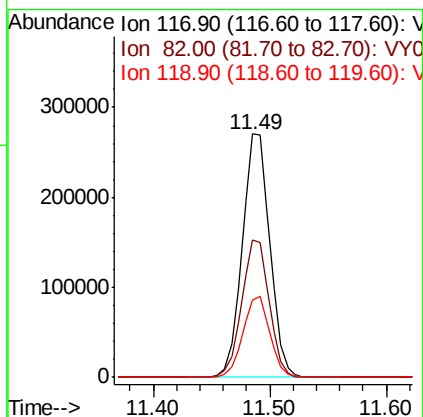
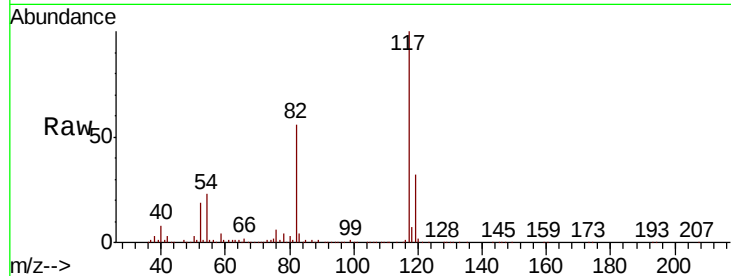




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000826.D
Acq: 27 Nov 2019 17:53

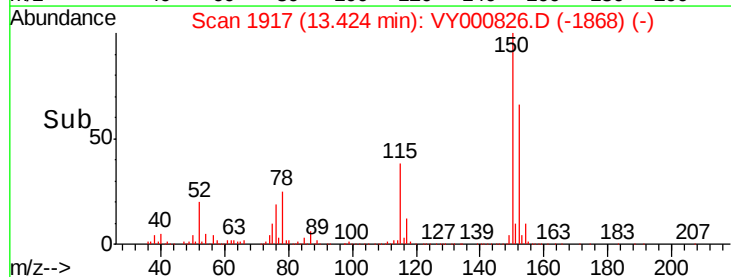
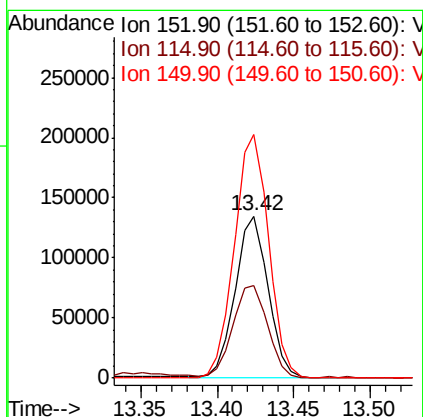
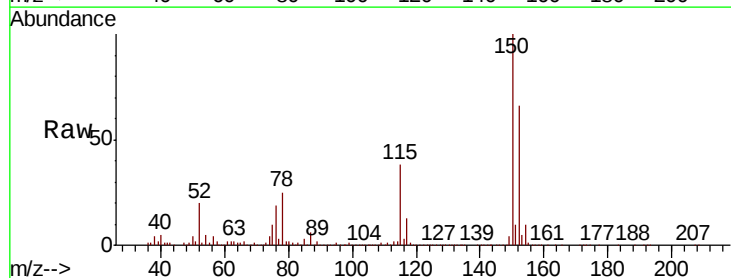
Instrument :
MSVOA_Y
ClientSampleId :
SB-1RE

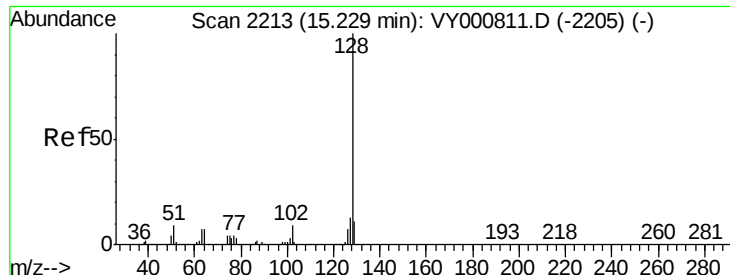
Tot Ion:117 Resp: 446523
Ion Ratio Lower Upper
117 100
82 56.4 43.1 64.7
119 31.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000826.D
Acq: 27 Nov 2019 17:53

Tgt Ion:152 Resp: 201480
Ion Ratio Lower Upper
152 100
115 59.6 29.3 87.8
150 155.4 0.0 351.2





#95
Naphthalene
Concen: 4.261 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000826.D
Acq: 27 Nov 2019 17:53

Instrument :
MSVOA_Y
ClientSampleId :
SB-1RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.1	15.1#
129	13.8	8.8	13.2#

