

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012320\
 Data File : VY001368.D
 Acq On : 23 Jan 2020 20:29
 Operator : SY/MD
 Sample : L1240-01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-11.5-12.0

Quant Time: Jan 27 07:21:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	164413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	298500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	269669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	123106	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	92939	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
35) Dibromofluoromethane	7.75	113	86518	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	10.20	98	347223	51.01	ug/l	0.01
Spiked Amount	50.000		Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.49	95	125468	46.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.58%	

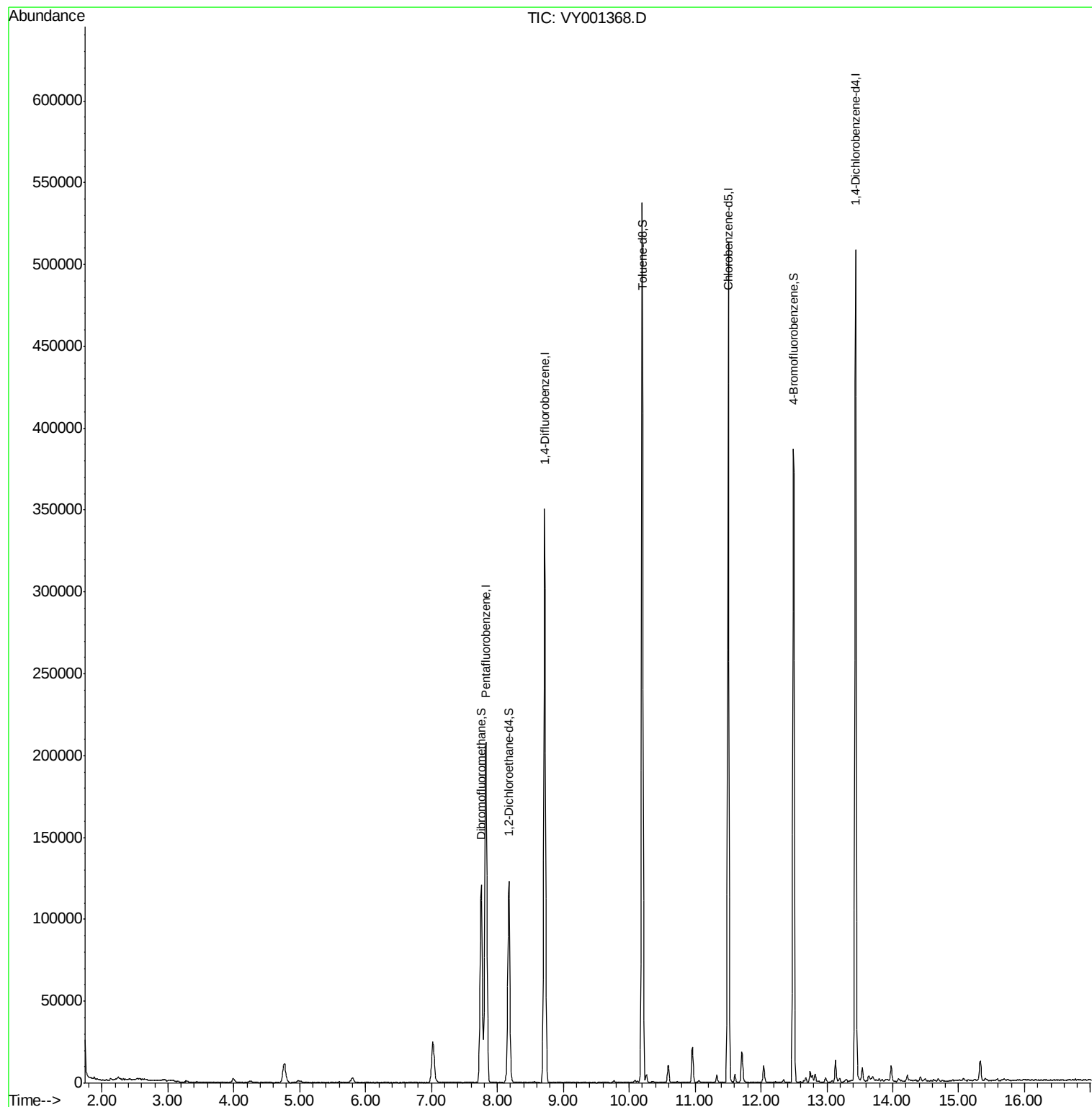
Target Compounds	Qvalue
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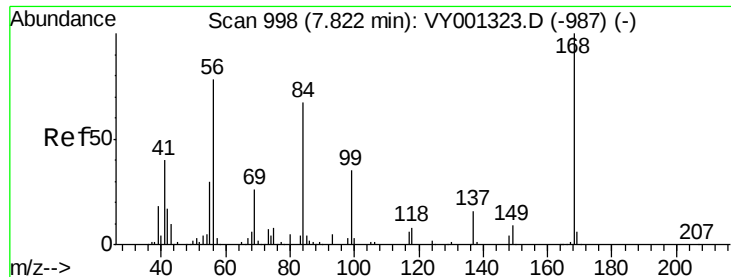
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001368.D

Acq: 23 Jan 2020 20:29

Instrument :

MSVOA_Y

ClientSampleId :

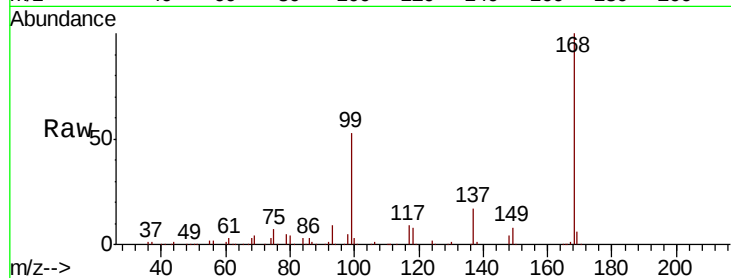
SB-05-11.5-12.0

Tot Ion:168 Resp: 164413

Ion Ratio Lower Upper

168 100

99 53.5 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001368.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001368.D (-949) (-)

7.83

80000

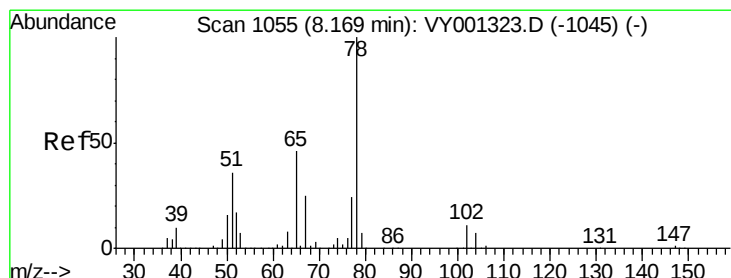
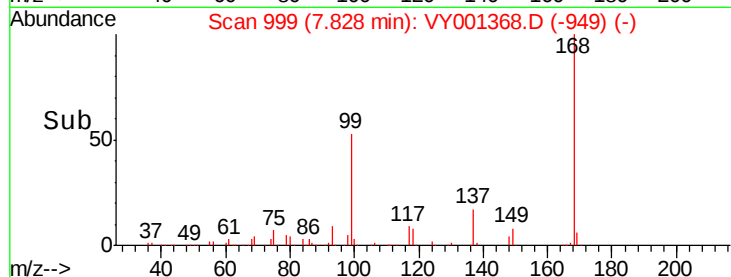
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 51.949 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001368.D

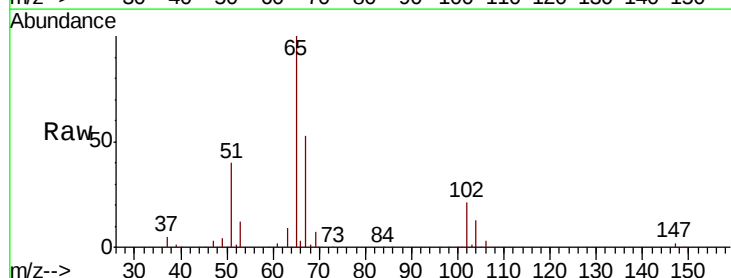
Acq: 23 Jan 2020 20:29

Tgt Ion: 65 Resp: 92939

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001368.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001368.D (-1006) (-)

8.18

50000

40000

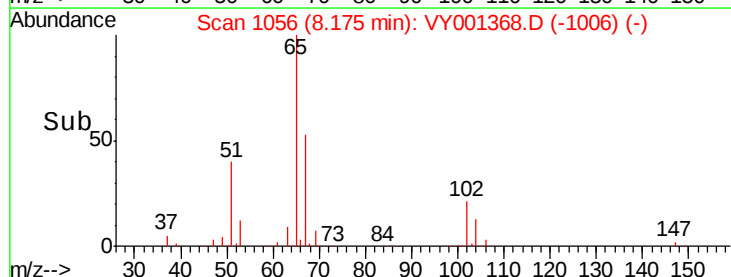
30000

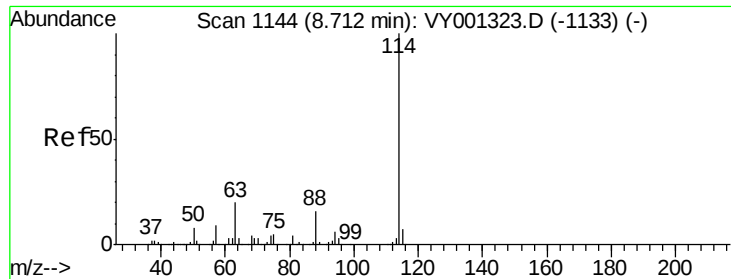
20000

10000

0

Time--> 8.05 8.10 8.15 8.20 8.25

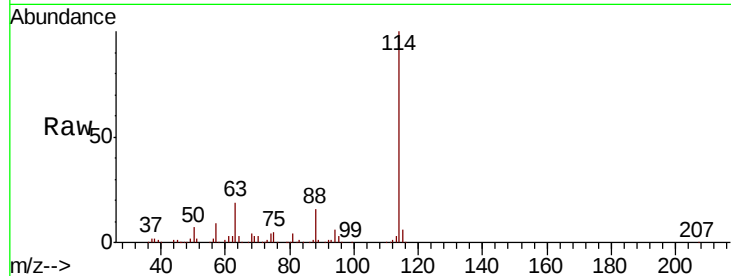




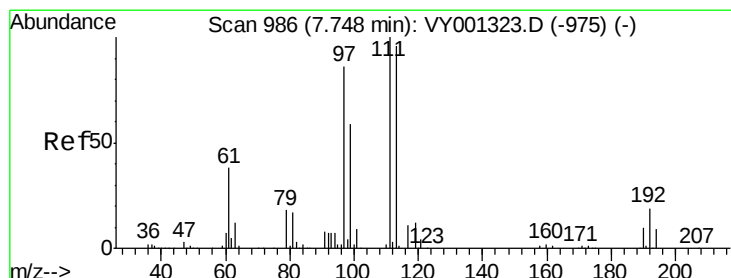
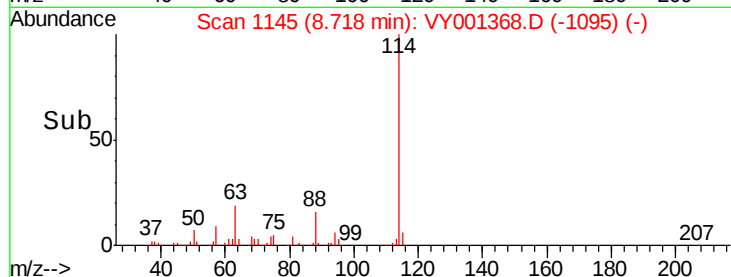
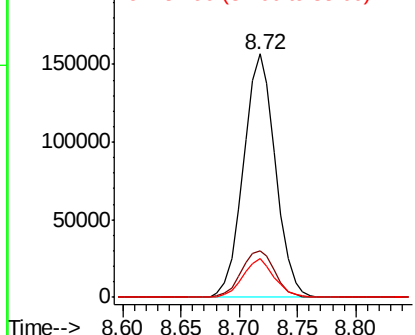
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001368.D
 Acq: 23 Jan 2020 20:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-05-11.5-12.0

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	40.8
88	15.7	0.0	31.0

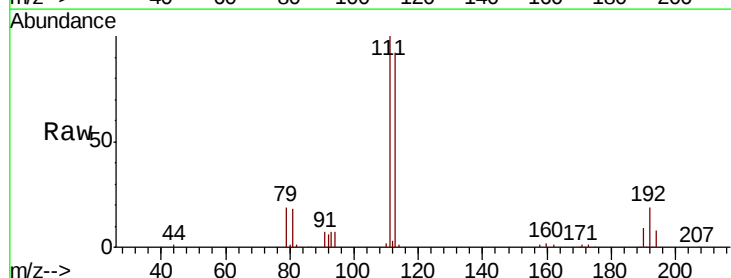


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

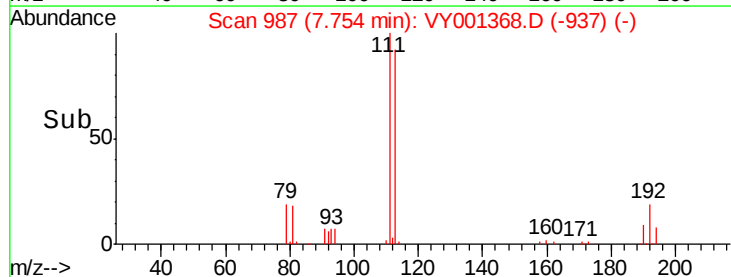
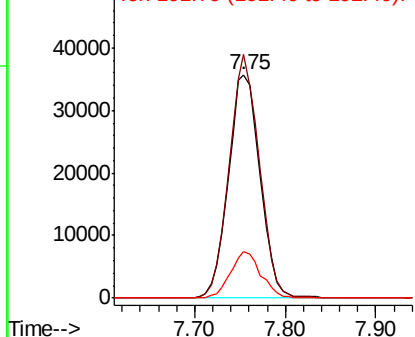


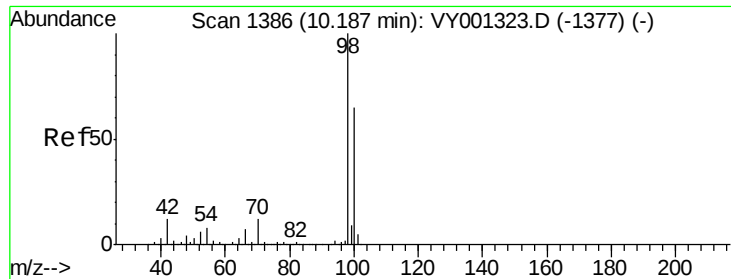
#35
 Dibromofluoromethane
 Concen: 49.384 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001368.D
 Acq: 23 Jan 2020 20:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.8	124.2
192	19.8	15.5	23.3



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: 51.013 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001368.D

Acq: 23 Jan 2020 20:29

Instrument :

MSVOA_Y

ClientSampleId :

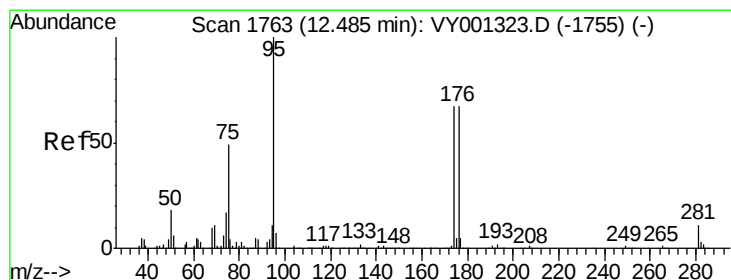
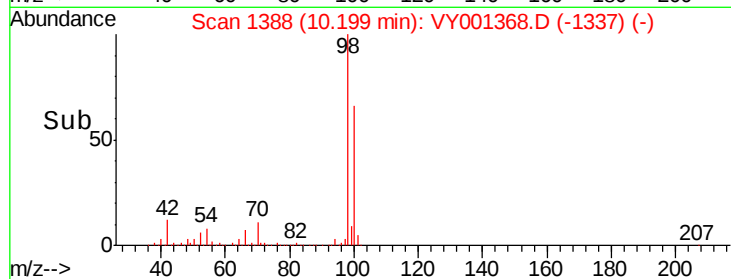
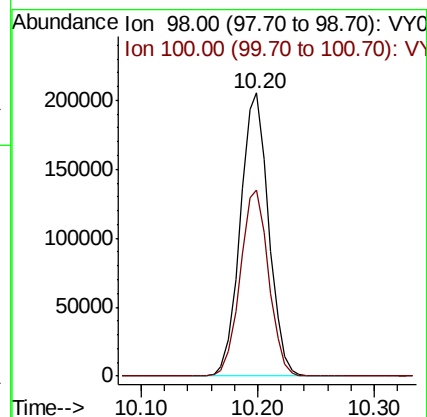
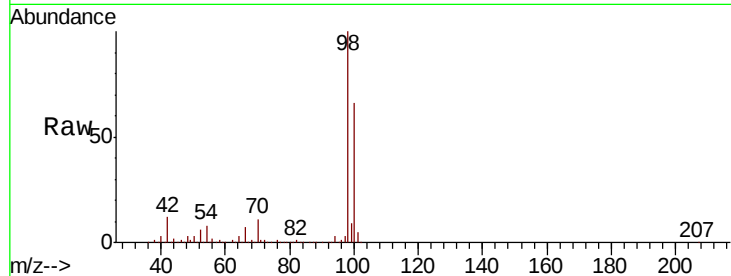
SB-05-11.5-12.0

Tot Ion: 98 Resp: 347223

Ion Ratio Lower Upper

98 100

100 66.1 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 46.288 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001368.D

Acq: 23 Jan 2020 20:29

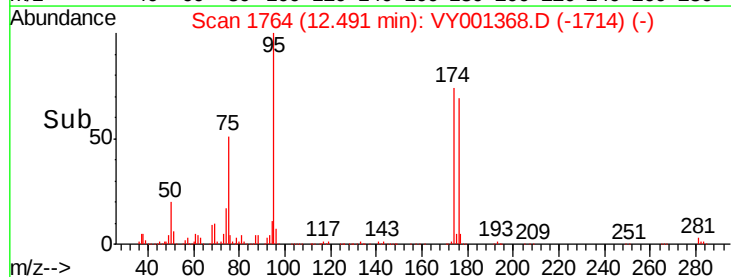
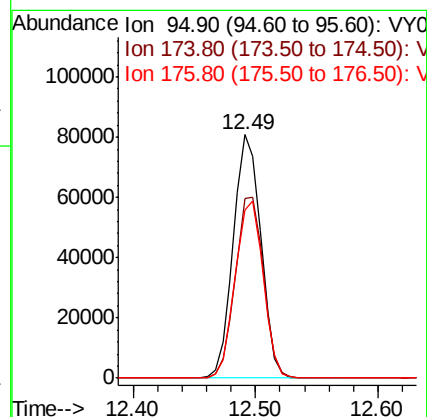
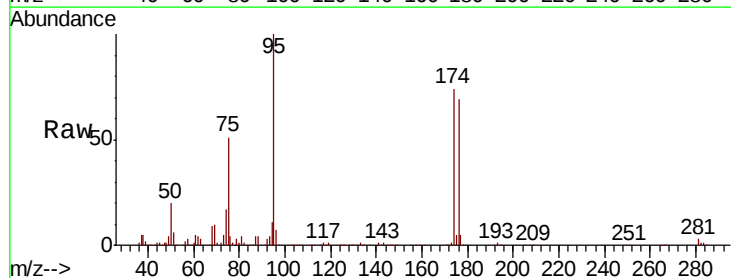
Tgt Ion: 95 Resp: 125468

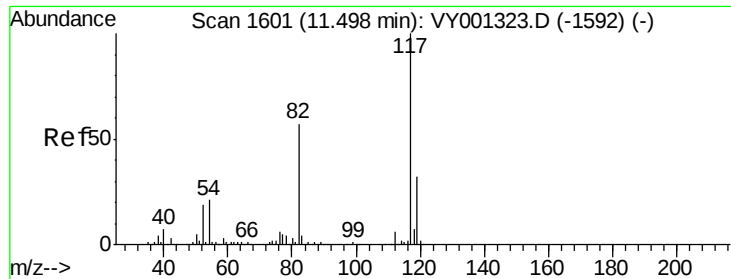
Ion Ratio Lower Upper

95 100

174 76.0 0.0 142.0

176 74.0 0.0 138.6

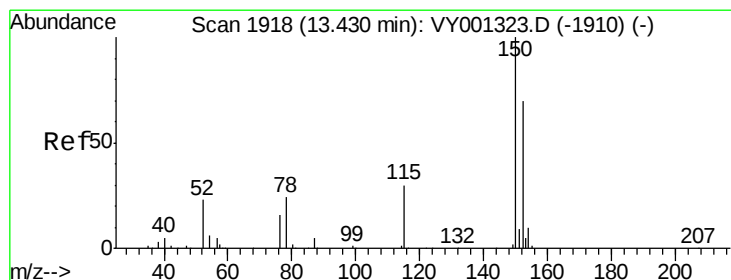
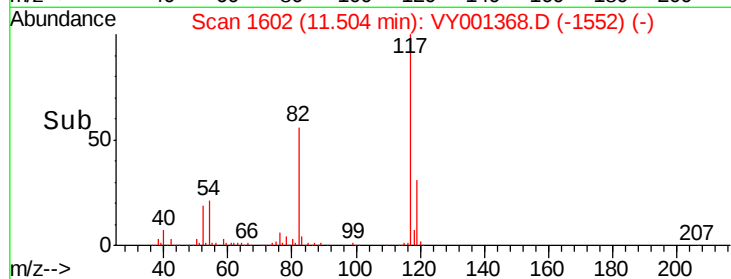
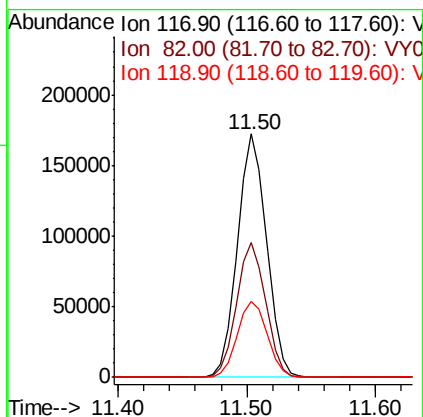
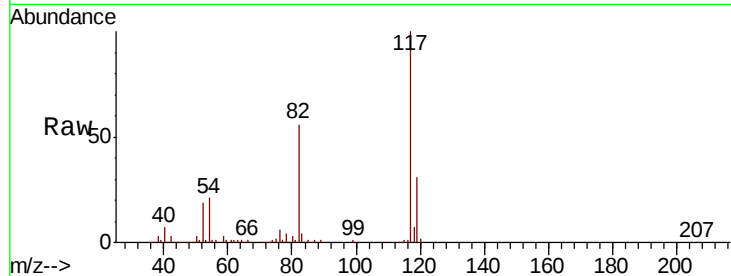




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001368.D
Acq: 23 Jan 2020 20:29

Instrument :
MSVOA_Y
ClientSampleId :
SB-05-11.5-12.0

Tot Ion:117 Resp: 269669
Ion Ratio Lower Upper
117 100
82 55.5 45.5 68.3
119 31.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001368.D
Acq: 23 Jan 2020 20:29

Tgt Ion:152 Resp: 123106
Ion Ratio Lower Upper
152 100
115 60.7 30.9 92.8
150 157.4 0.0 349.2

