

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002082.D
 Acq On : 25 Mar 2020 20:58
 Operator : SY/MD
 Sample : L2040-04
 Misc : 6.24G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-06

Quant Time: Mar 26 09:01:48 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

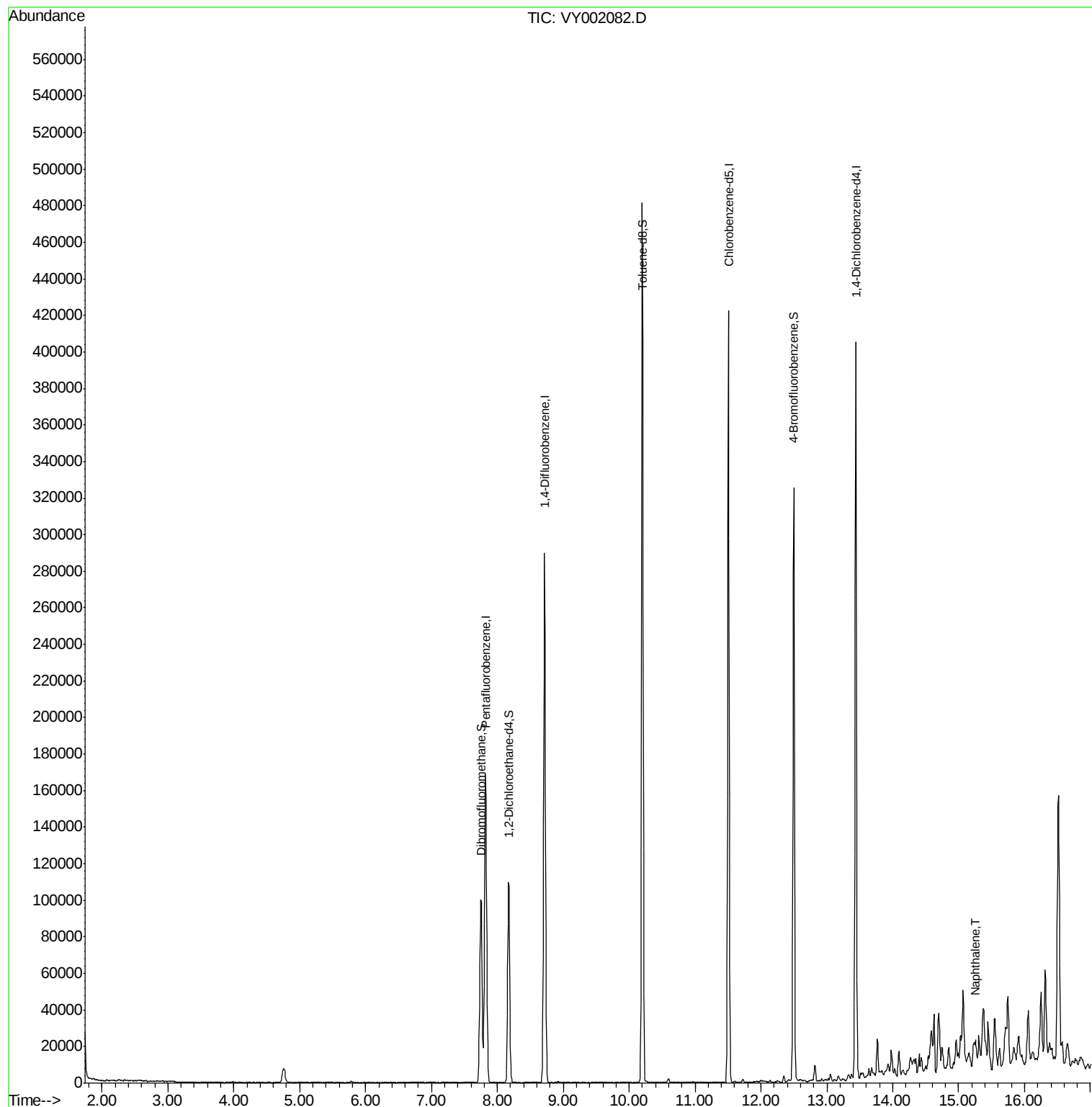
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	128247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	245871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	227357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	98909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	80437	58.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.50%	
35) Dibromofluoromethane	7.75	113	73818	54.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.96%	
50) Toluene-d8	10.20	98	303126	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
62) 4-Bromofluorobenzene	12.50	95	103044	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
Target Compounds						
95) Naphthalene	15.25	128	5439	1.242	ug/l #	Qvalue 85

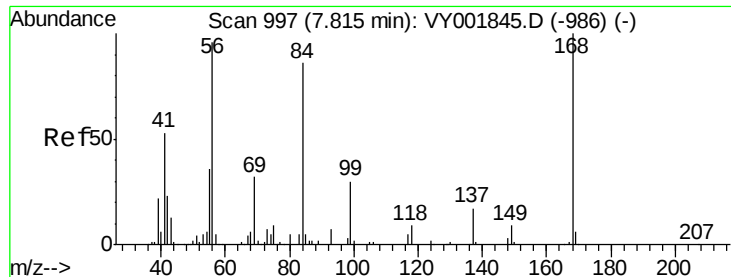
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002082.D

Acq: 25 Mar 2020 20:58

Instrument :

MSVOA_Y

ClientSampled :

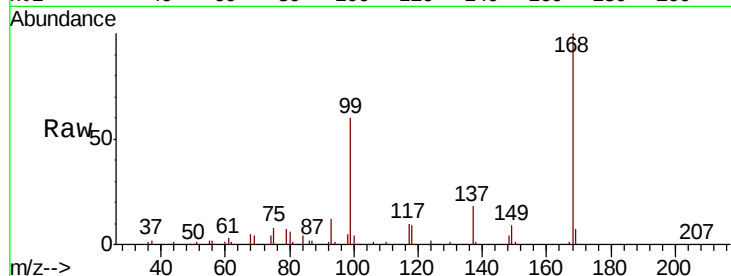
RO-06

Tot Ion:168 Resp: 128247

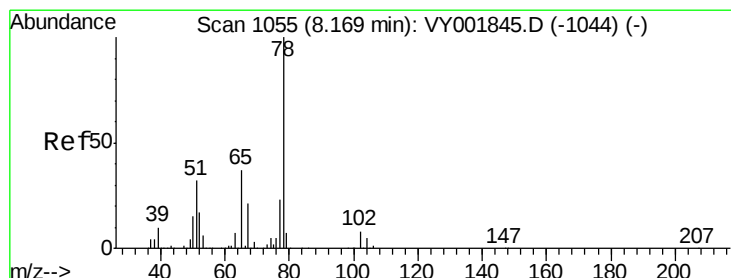
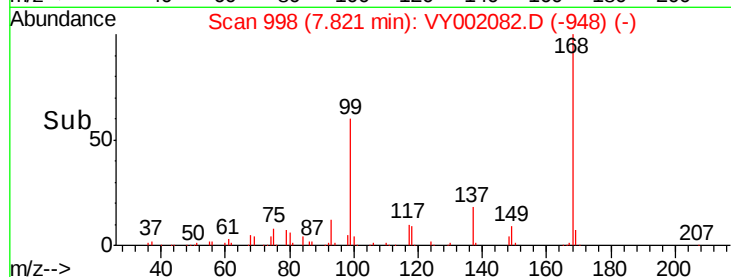
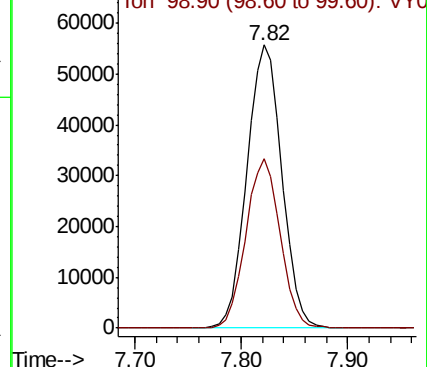
Ion Ratio Lower Upper

168 100

99 60.1 46.7 70.1



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



#33

1,2-Dichloroethane-d4

Concen: 58.751 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY002082.D

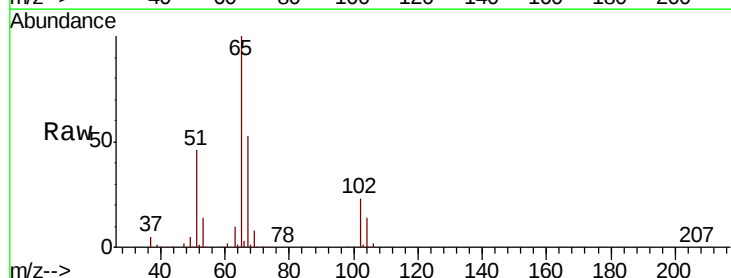
Acq: 25 Mar 2020 20:58

Tgt Ion: 65 Resp: 80437

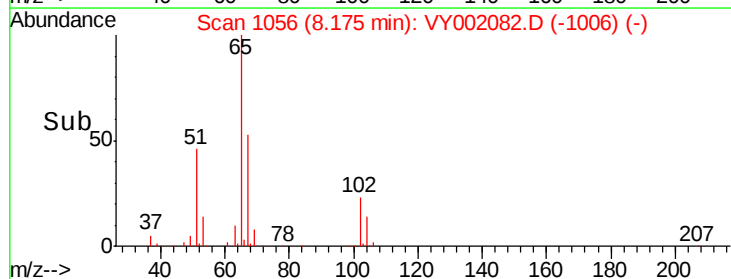
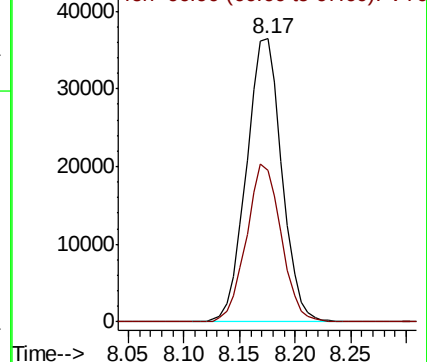
Ion Ratio Lower Upper

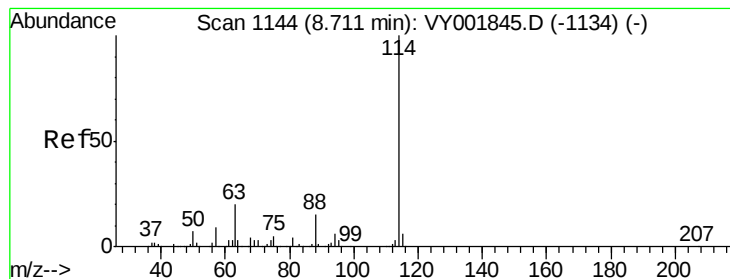
65 100

67 54.8 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY002082.D

Acq: 25 Mar 2020 20:58

Instrument :

MSVOA_Y

ClientSampleId :

RO-06

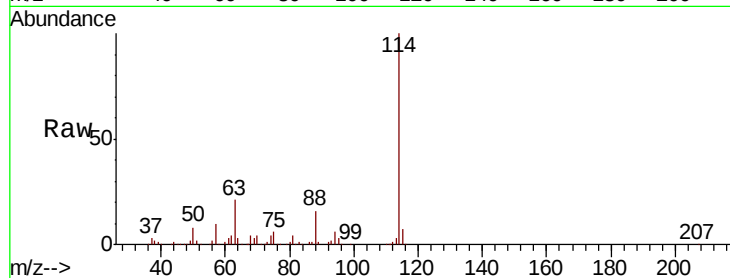
Tot Ion:114 Resp: 245871

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.4

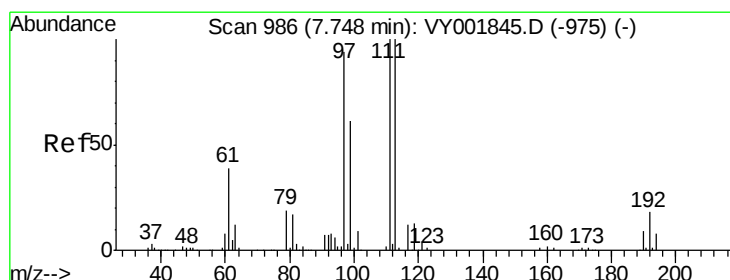
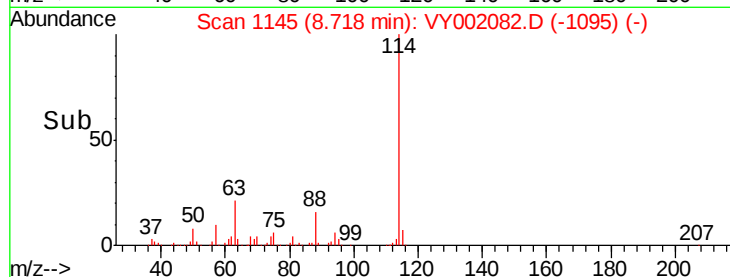
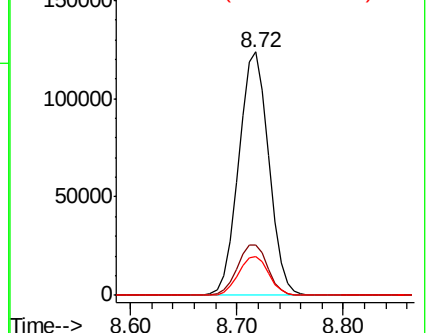
88 15.7 0.0 30.4



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: 54.983 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY002082.D

Acq: 25 Mar 2020 20:58

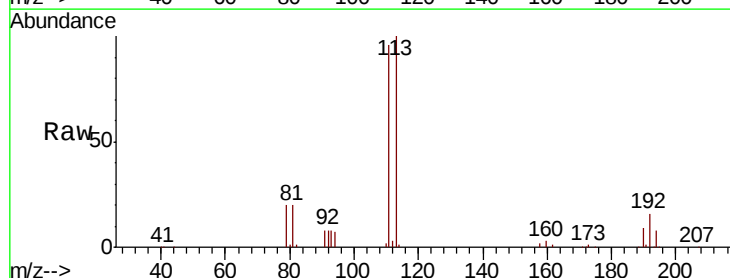
Tgt Ion:113 Resp: 73818

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.8

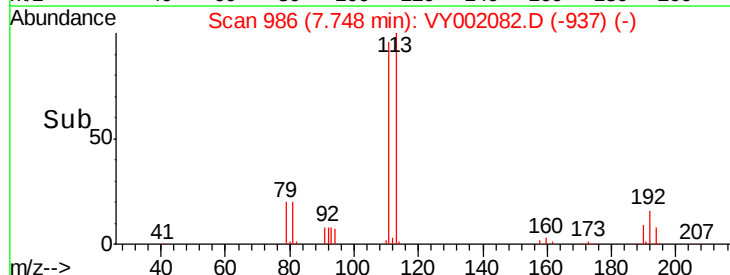
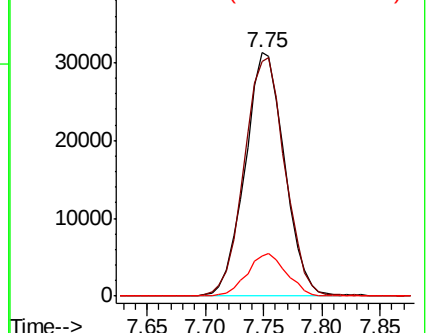
192 17.4 14.2 21.2

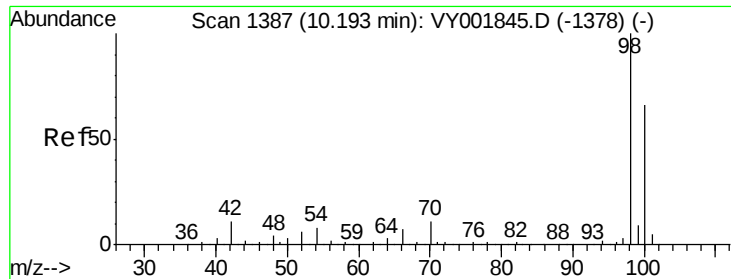


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.543 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002082.D

Acq: 25 Mar 2020 20:58

Instrument :

MSVOA_Y

ClientSampleId :

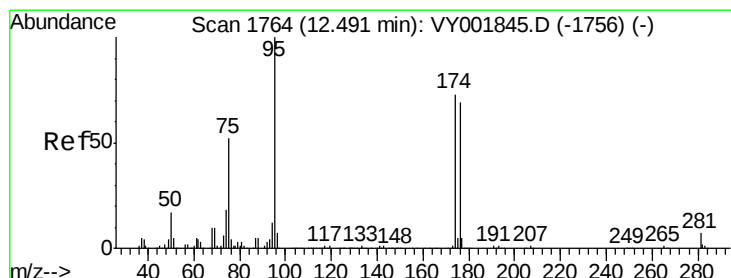
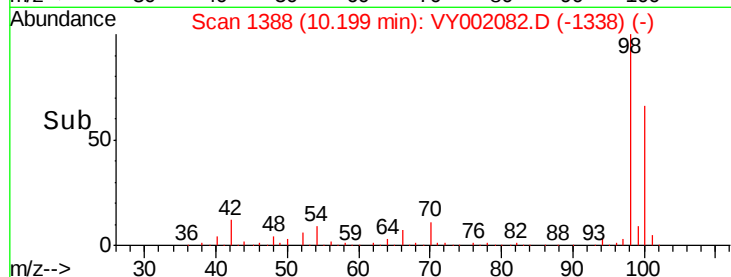
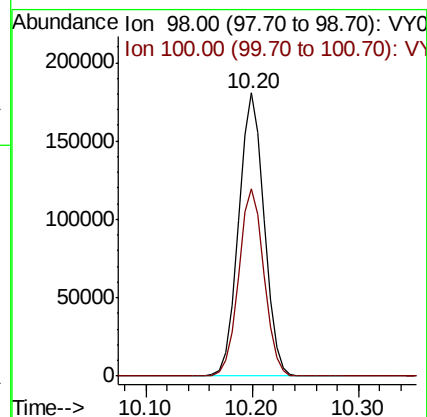
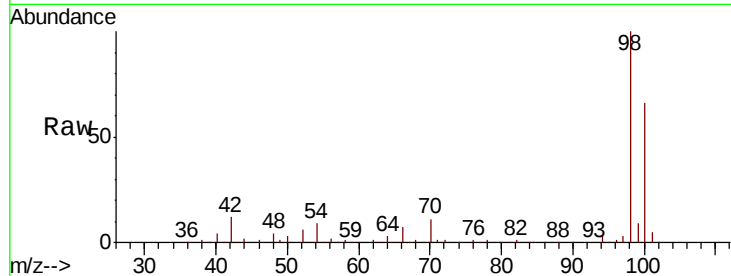
RO-06

Tot Ion: 98 Resp: 303126

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 52.346 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002082.D

Acq: 25 Mar 2020 20:58

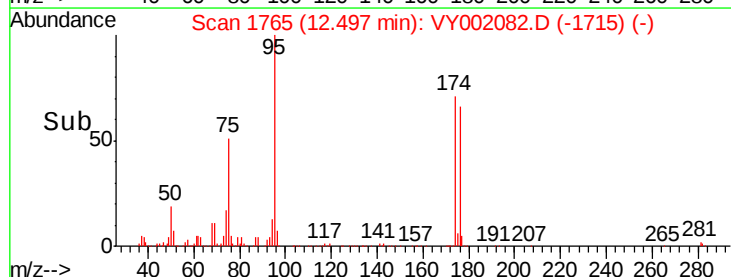
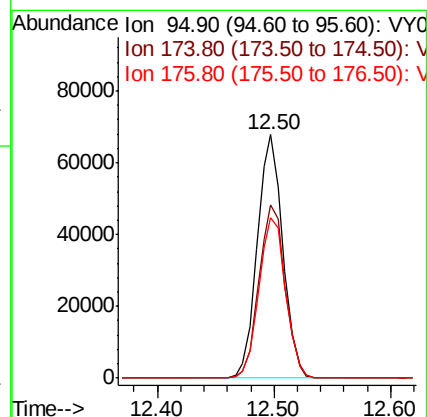
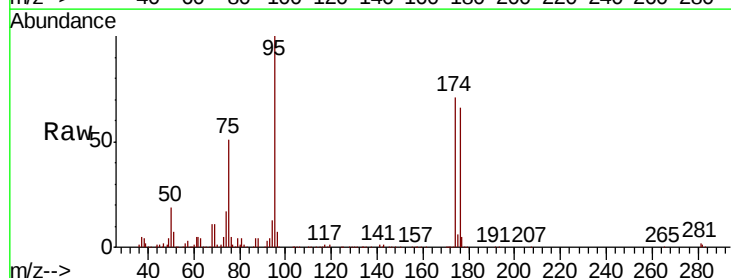
Tgt Ion: 95 Resp: 103044

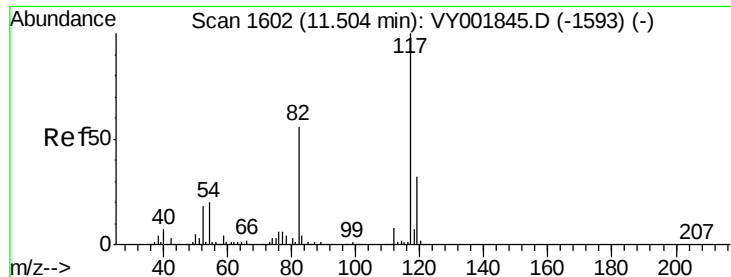
Ion Ratio Lower Upper

95 100

174 73.0 0.0 145.0

176 69.1 0.0 137.4

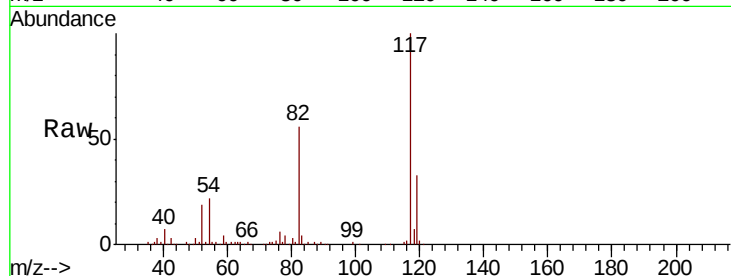




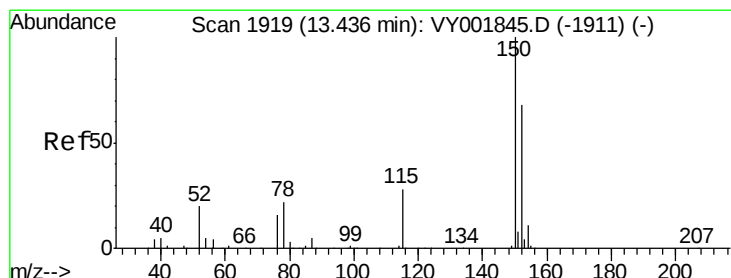
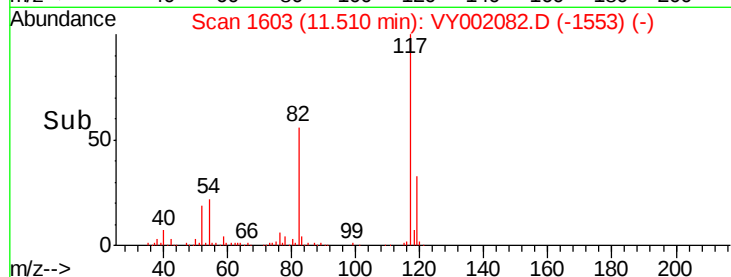
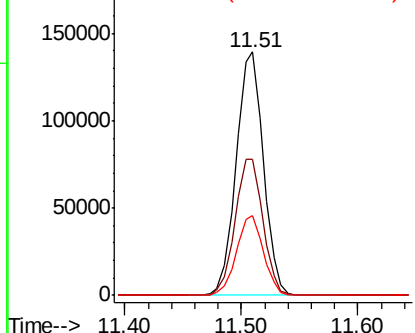
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY002082.D
Acq: 25 Mar 2020 20:58

Instrument :
MSVOA_Y
ClientSampleId :
RO-06

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	44.5	66.7
119	32.7	25.7	38.5

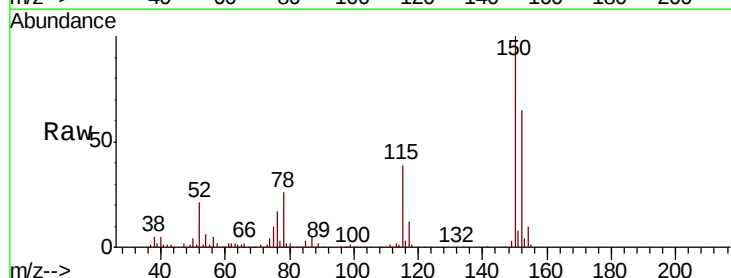


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

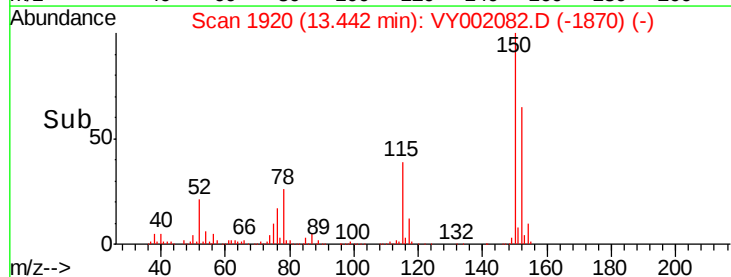
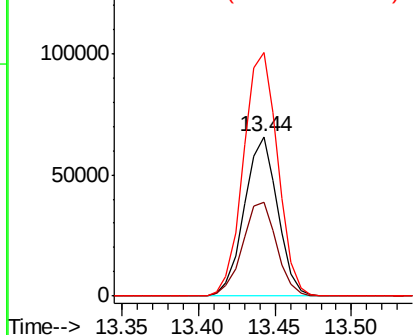


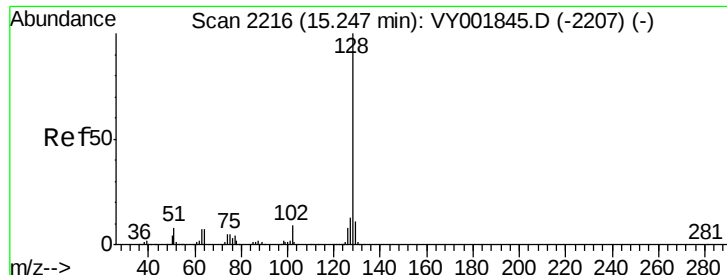
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY002082.D
Acq: 25 Mar 2020 20:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.9	89.7
150	158.3	0.0	340.6



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

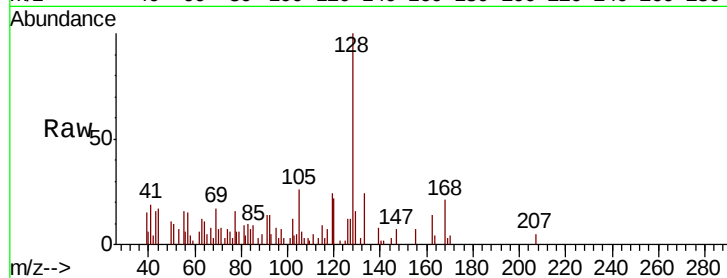




#95
Naphthalene
Concen: 1.242 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY002082.D
Acq: 25 Mar 2020 20:58

Instrument :
MSVOA_Y
ClientSampleId :
RO-06

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.1	15.1#
129	17.8	8.6	13.0#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

