

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001306.D
 Acq On : 20 Jan 2020 19:13
 Operator : SY/MD
 Sample : L1210-03
 Misc : 7.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 Q012-SB3

Quant Time: Jan 21 07:51:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 21 06:54:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	183437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	328229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	299158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	146464	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	106841	55.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.30%	
35) Dibromofluoromethane	7.74	113	98827	51.42	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.84%	
50) Toluene-d8	10.20	98	387978	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.49	95	148052	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

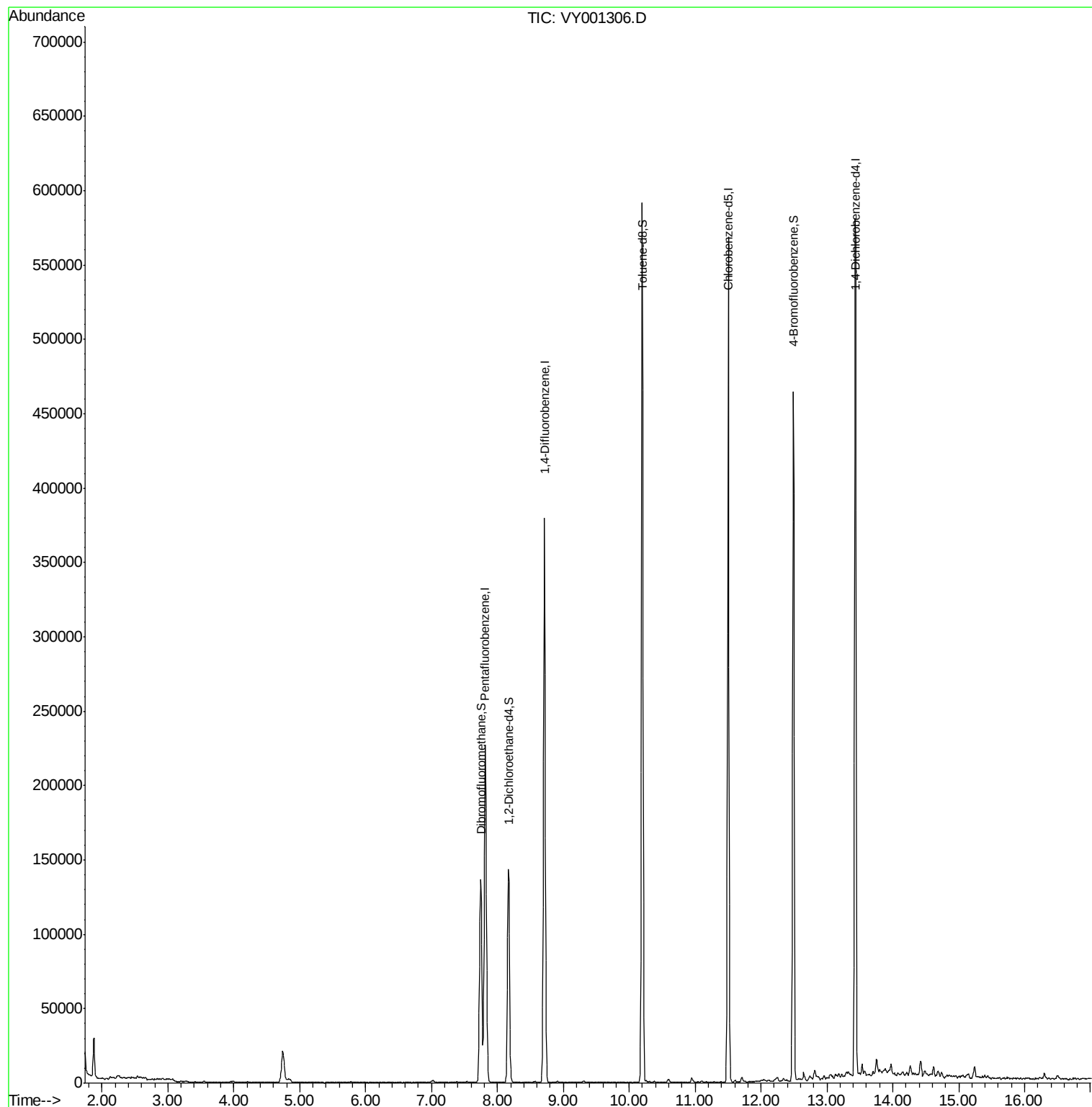
Target Compounds	Qvalue
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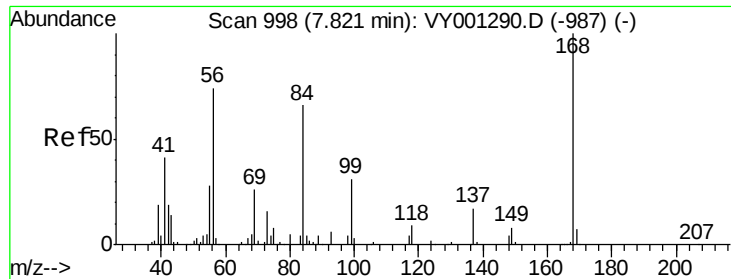
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001306.D

Acq: 20 Jan 2020 19:13

Instrument :

MSVOA_Y

ClientSampleId :

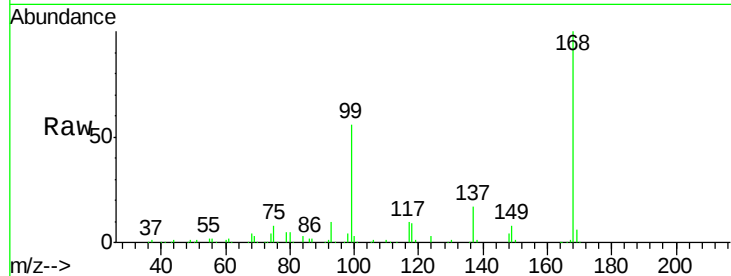
Q012-SB3

Tot Ion:168 Resp: 183437

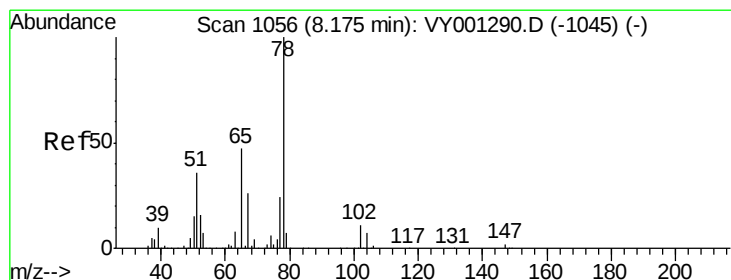
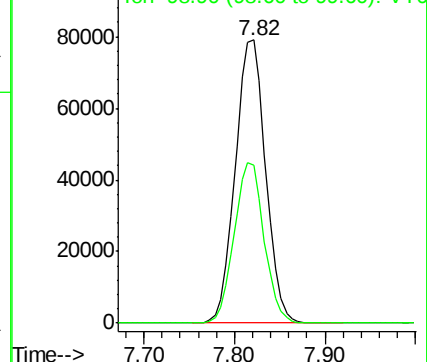
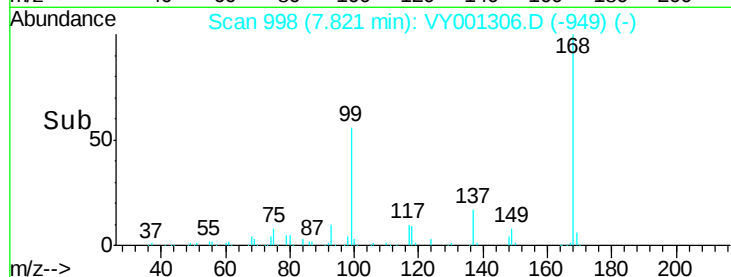
Ion Ratio Lower Upper

168 100

99 55.8 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001306.D (-949) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.146 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VY001306.D

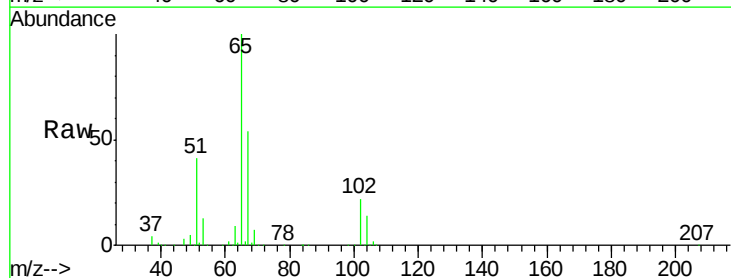
Acq: 20 Jan 2020 19:13

Tgt Ion: 65 Resp: 106841

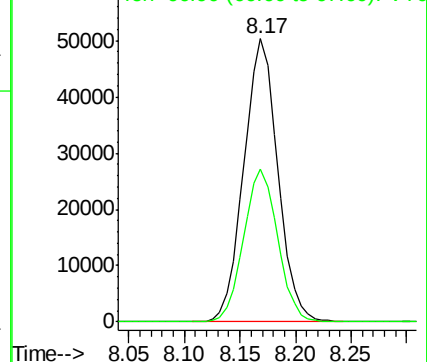
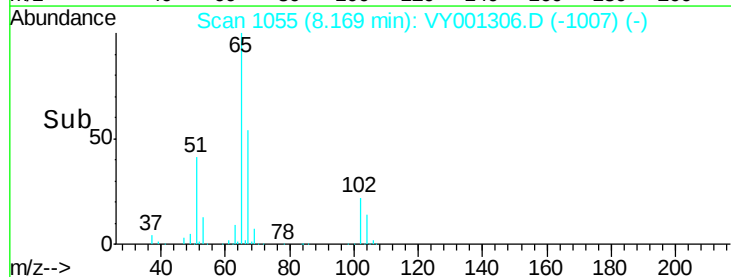
Ion Ratio Lower Upper

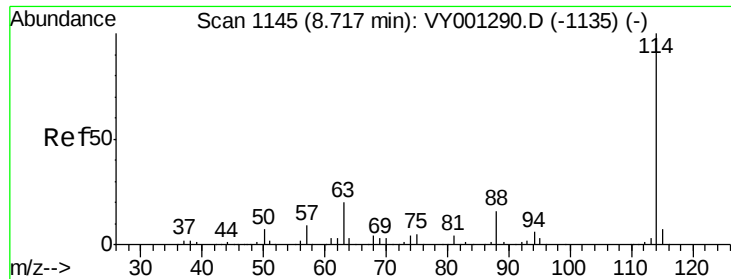
65 100

67 54.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001306.D (-1007) (-)

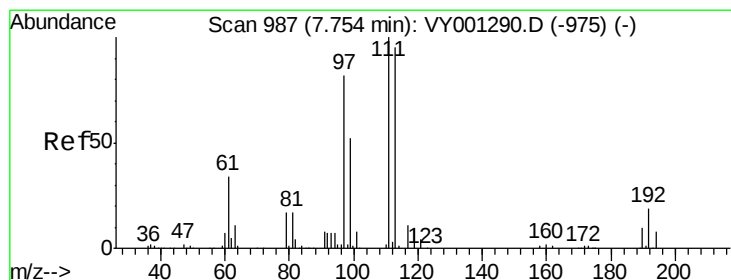
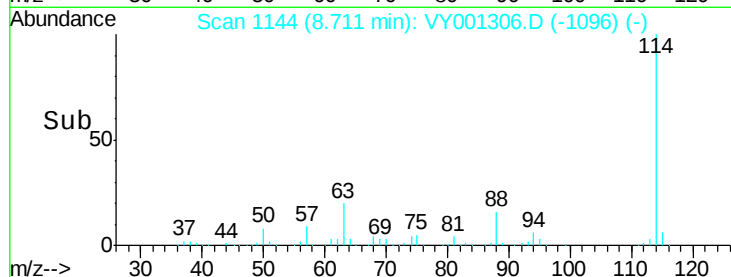
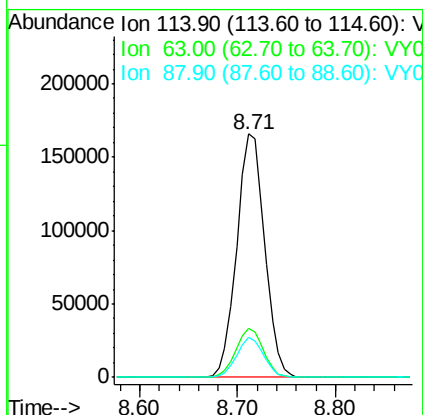
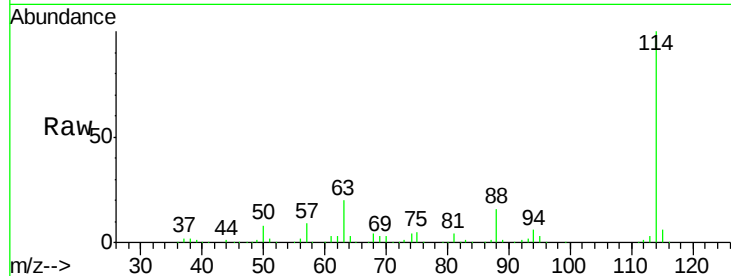




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: VY001306.D
 Acq: 20 Jan 2020 19:13

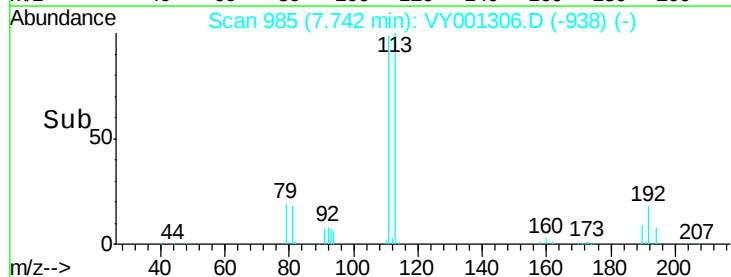
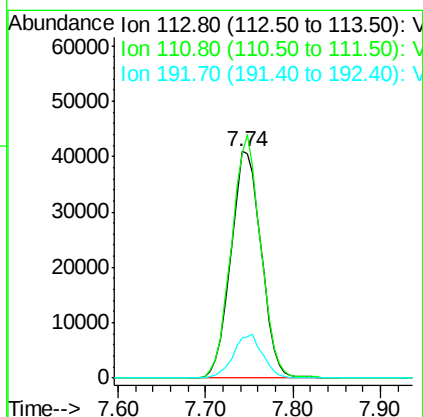
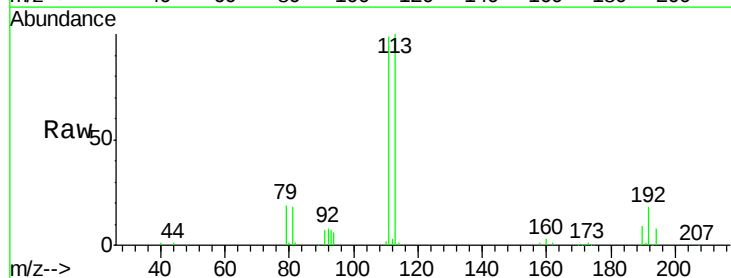
Instrument :
 MSVOA_Y
 ClientSampleId :
 Q012-SB3

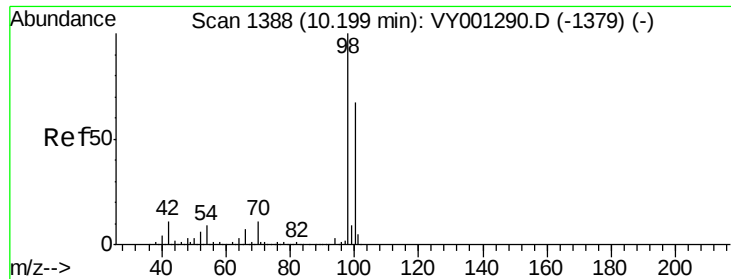
Tot Ion:114 Resp: 328229
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 16.2 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 51.425 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001306.D
 Acq: 20 Jan 2020 19:13

Tgt Ion:113 Resp: 98827
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.9 124.3
 192 18.6 15.4 23.2





#50

Toluene-d8

Concen: 52.395 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VY001306.D

Acq: 20 Jan 2020 19:13

Instrument :

MSVOA_Y

ClientSampleId :

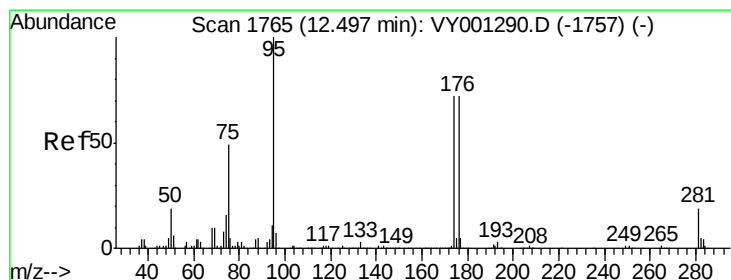
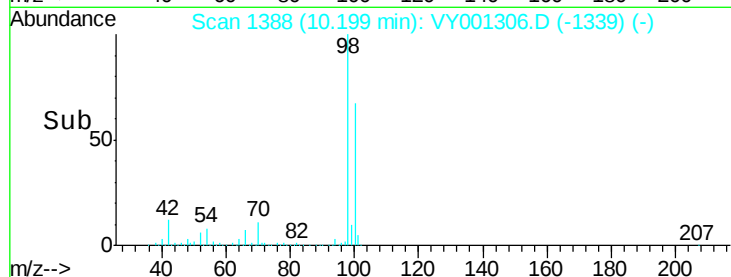
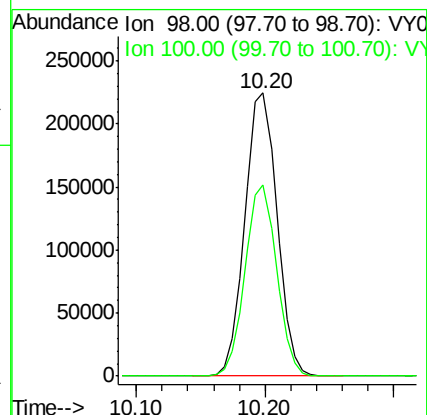
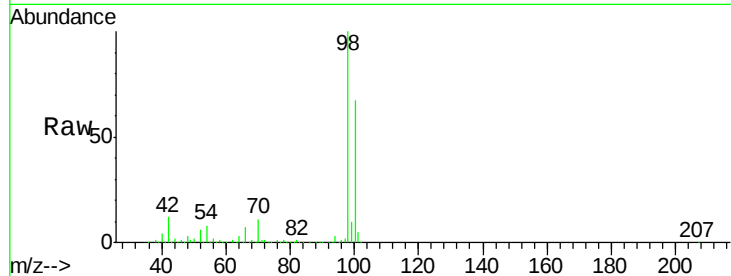
Q012-SB3

Tot Ion: 98 Resp: 387978

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.905 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.01 min

Lab File: VY001306.D

Acq: 20 Jan 2020 19:13

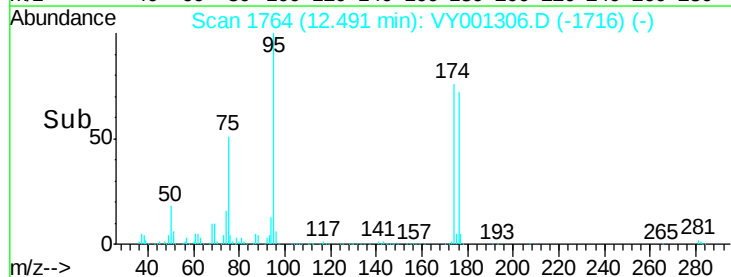
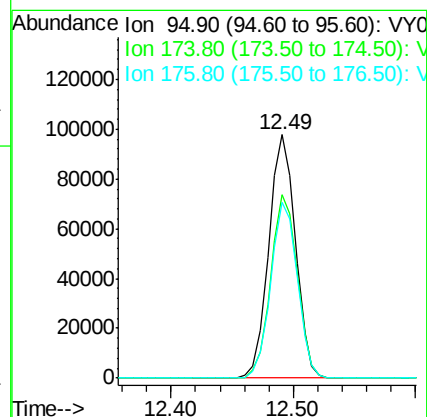
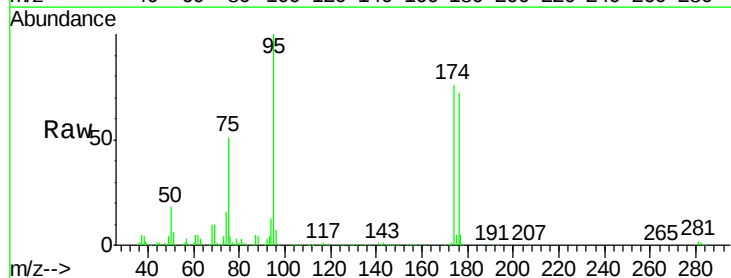
Tgt Ion: 95 Resp: 148052

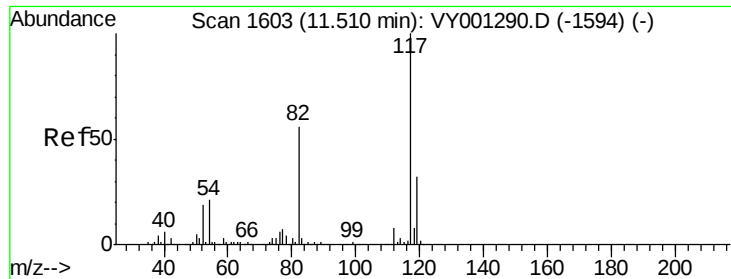
Ion Ratio Lower Upper

95 100

174 75.5 0.0 143.2

176 72.4 0.0 136.0

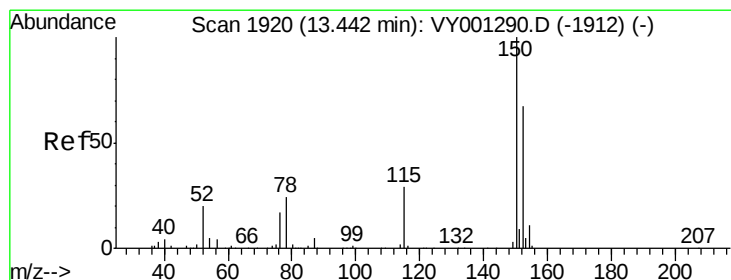
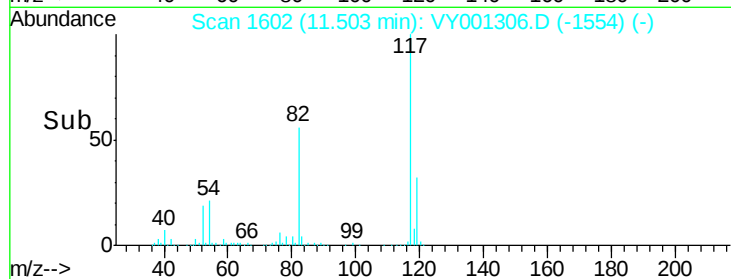
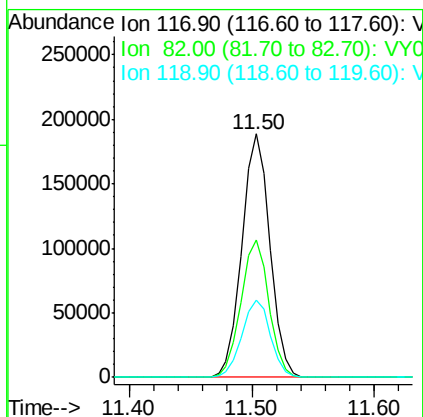
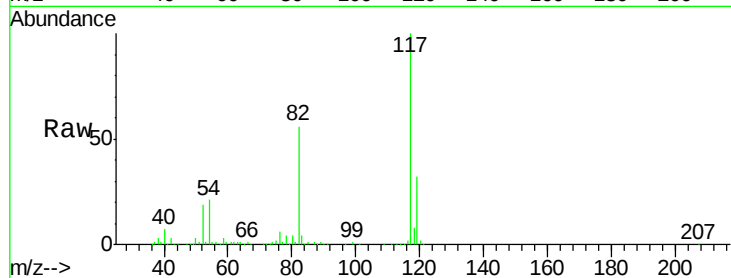




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001306.D
Acq: 20 Jan 2020 19:13

Instrument :
MSVOA_Y
ClientSampleId :
Q012-SB3

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.9	67.3
119	31.8	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.01 min
Lab File: VY001306.D
Acq: 20 Jan 2020 19:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.9	92.5
150	156.2	0.0	346.8

