

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001299.D
 Acq On : 20 Jan 2020 16:33
 Operator : SY/MD
 Sample : L1164-01
 Misc : 7.96G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-01-40-41

Quant Time: Jan 21 07:38:19 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

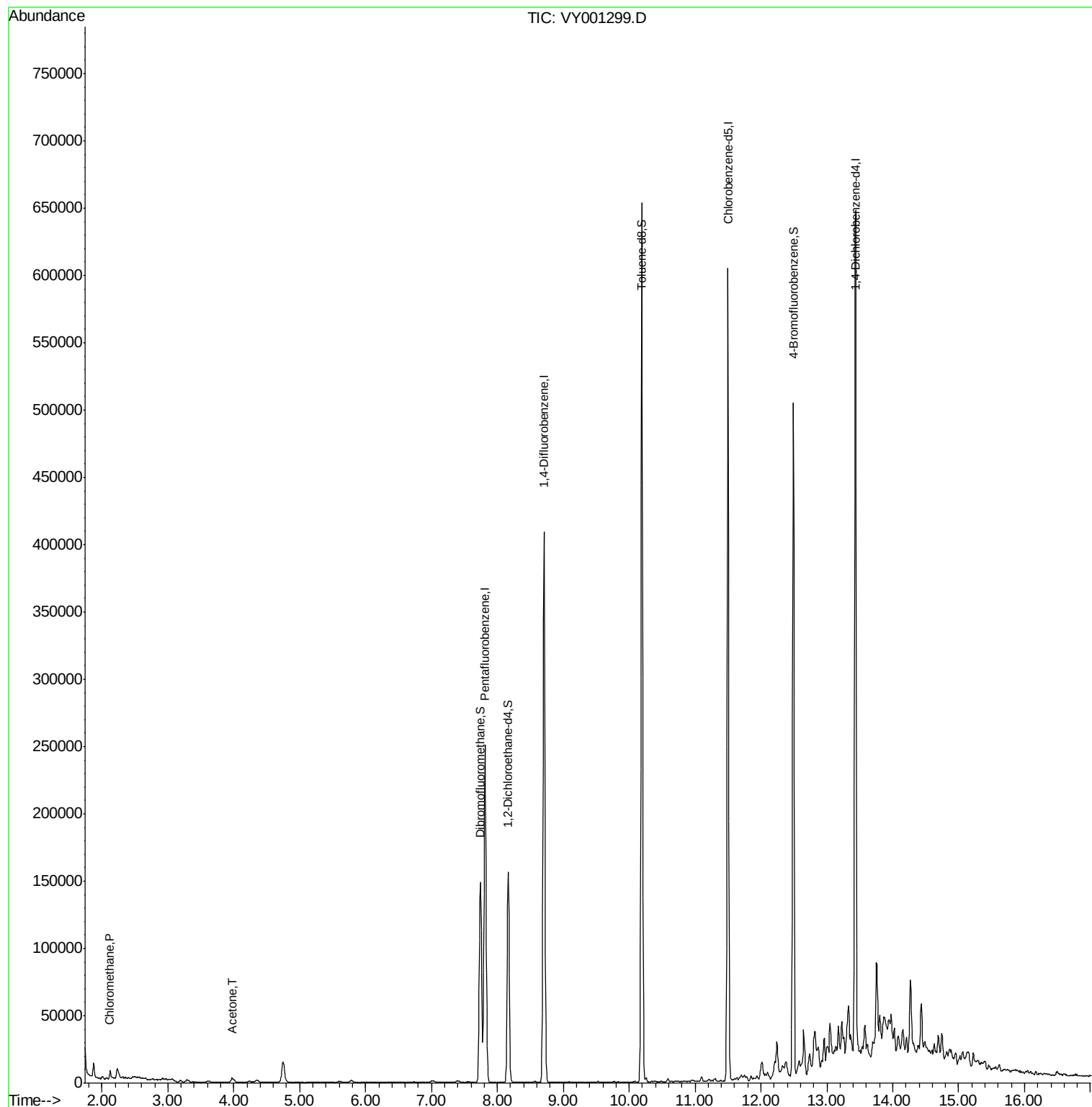
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	195928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	361178	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	328701	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	158294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	117016	56.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.10%	
35) Dibromofluoromethane	7.74	113	107826	50.99	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.98%	
50) Toluene-d8	10.19	98	428366	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	12.49	95	160727	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
Target Compounds						
3) Chloromethane	2.12	50	4907	2.262	ug/l	95
16) Acetone	3.97	43	5622	11.698	ug/l #	88

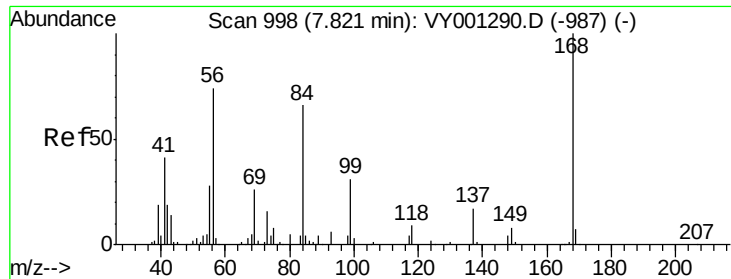
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001299.D

Acq: 20 Jan 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

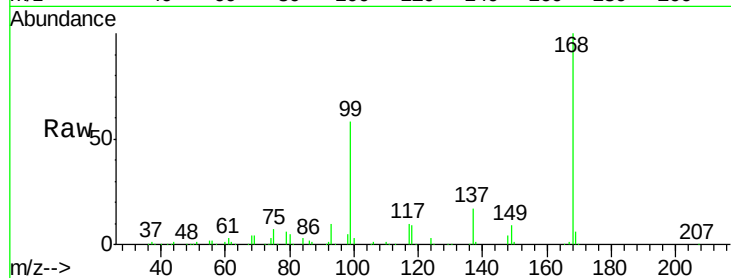
QVD-SB-01-40-41

Tot Ion:168 Resp: 195928

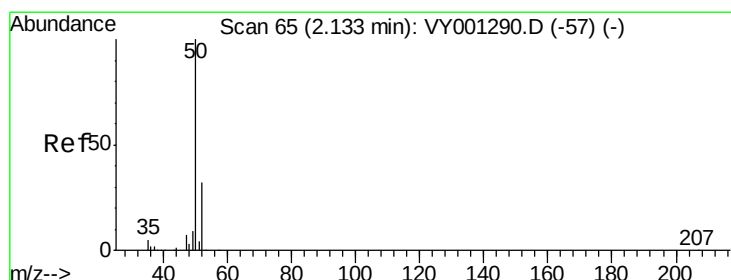
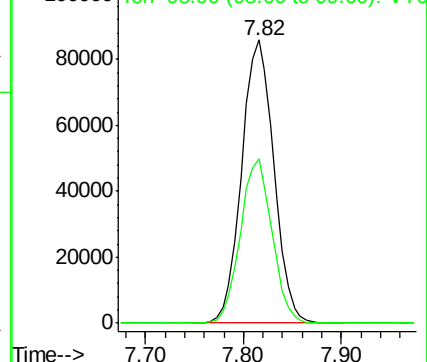
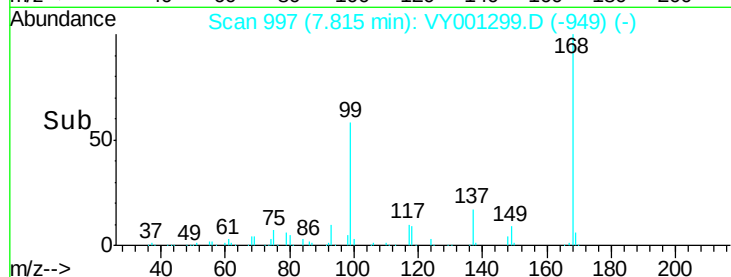
Ion Ratio Lower Upper

168 100

99 58.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001299.D (-949) (-)



#3

Chloromethane

Concen: 2.262 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001299.D

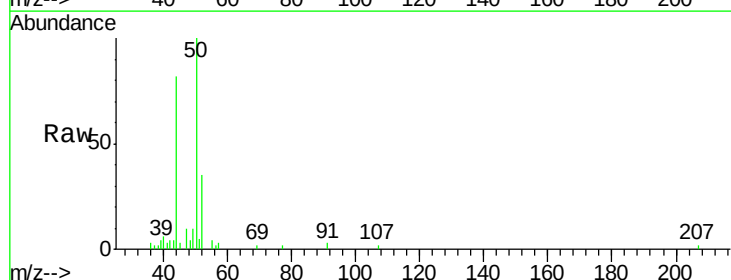
Acq: 20 Jan 2020 16:33

Tgt Ion: 50 Resp: 4907

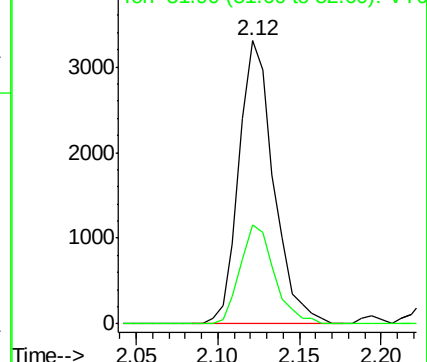
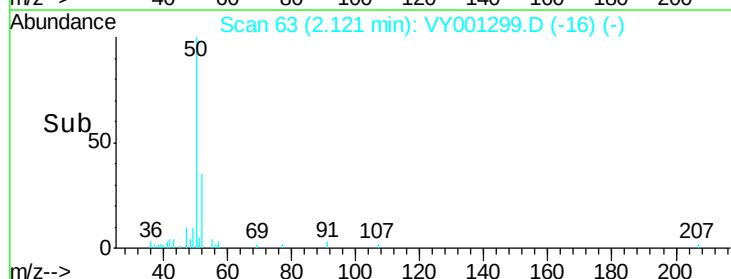
Ion Ratio Lower Upper

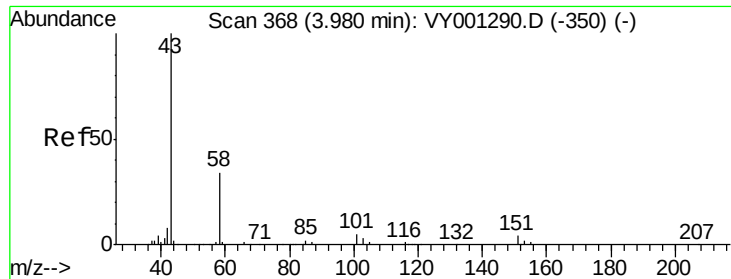
50 100

52 35.1 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001299.D (-16) (-)





#16

Acetone

Concen: 11.698 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY001299.D

Acq: 20 Jan 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

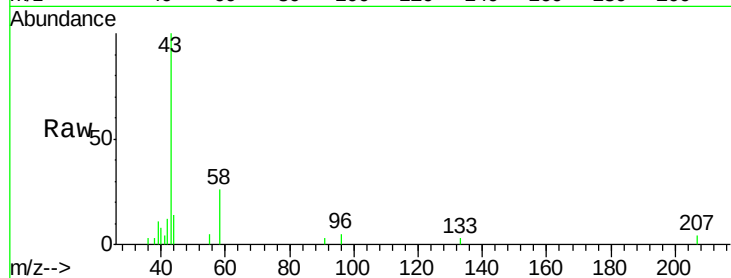
QVD-SB-01-40-41

Tot Ion: 43 Resp: 5622

Ion Ratio Lower Upper

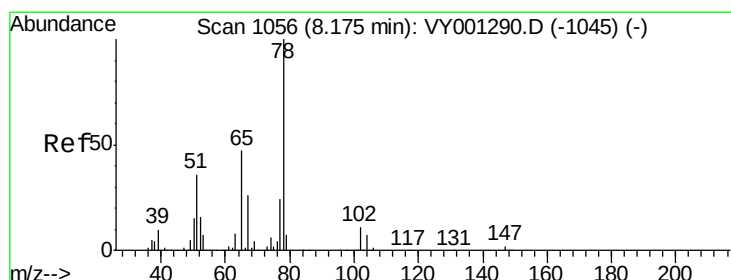
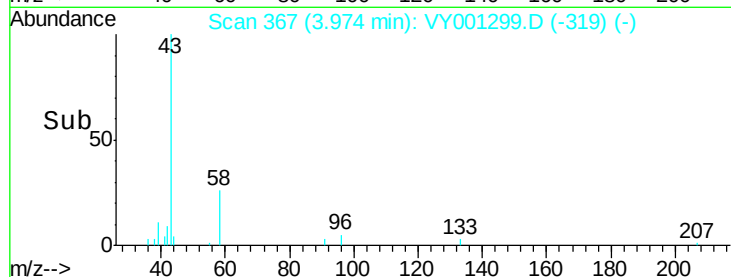
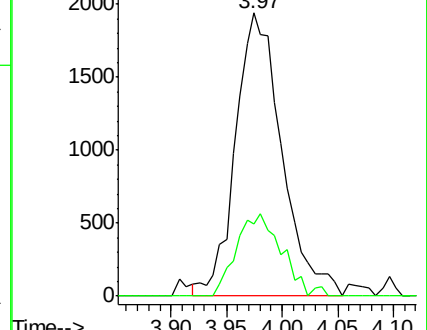
43 100

58 25.6 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 56.547 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VY001299.D

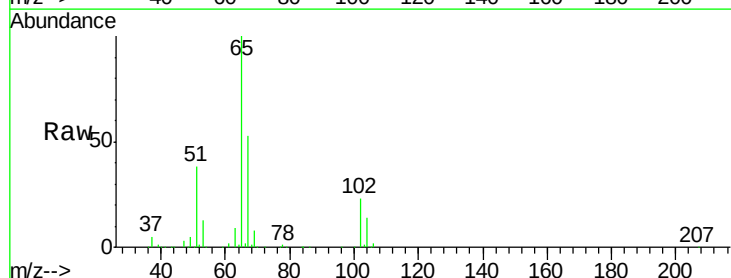
Acq: 20 Jan 2020 16:33

Tgt Ion: 65 Resp: 117016

Ion Ratio Lower Upper

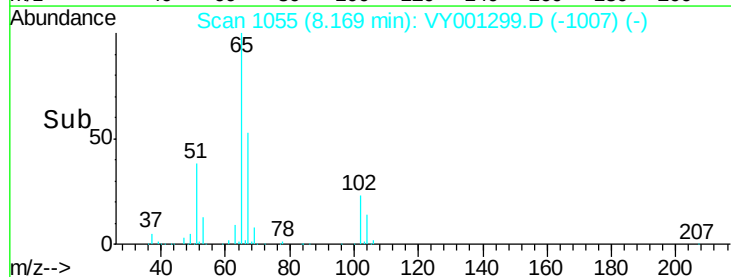
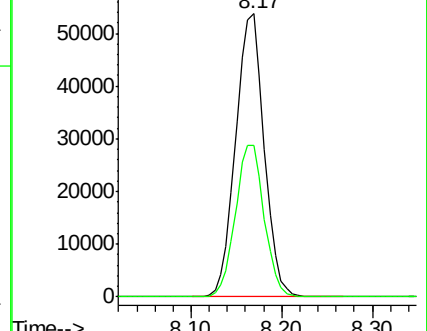
65 100

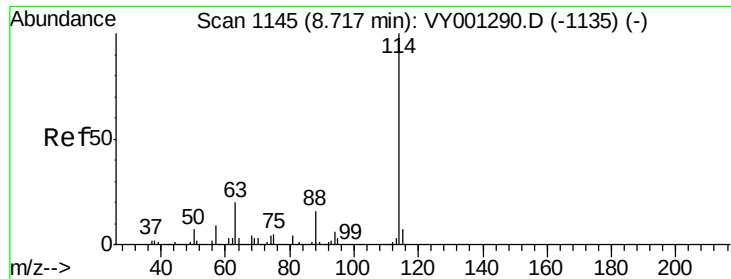
67 54.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001299.D

Acq: 20 Jan 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

QVD-SB-01-40-41

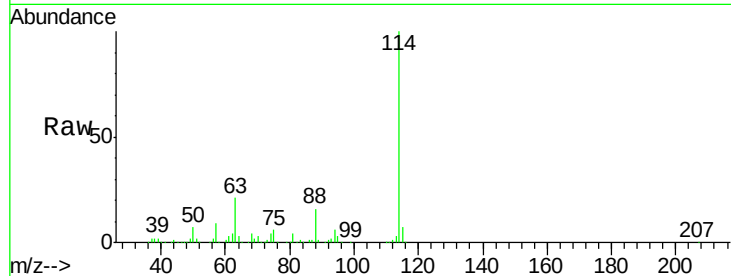
Tot Ion:114 Resp: 361178

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

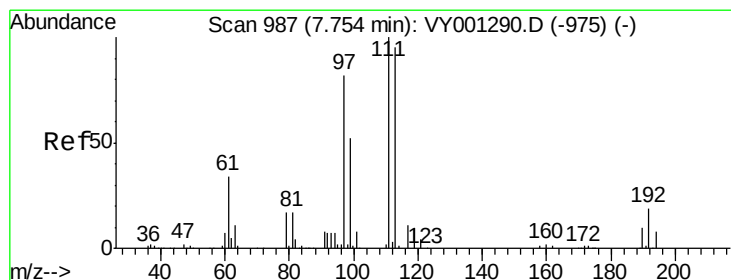
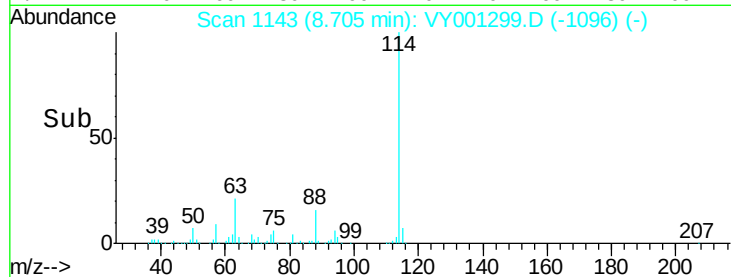
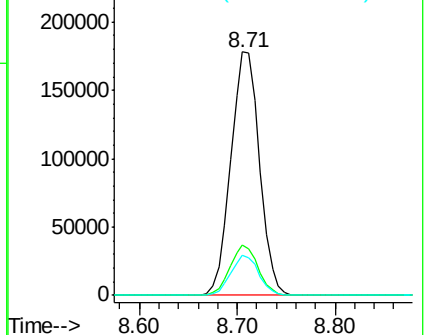
88 16.2 0.0 32.4



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: 50.989 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001299.D

Acq: 20 Jan 2020 16:33

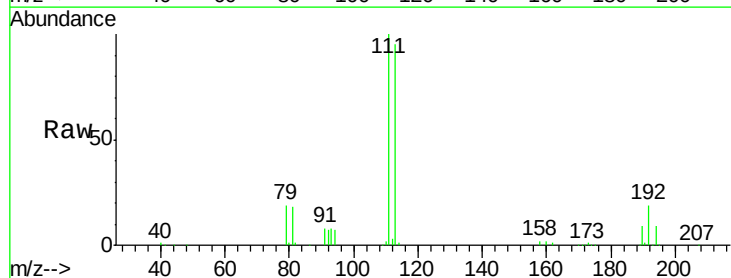
Tgt Ion:113 Resp: 107826

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

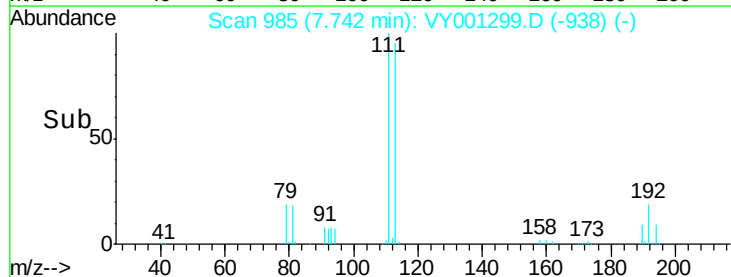
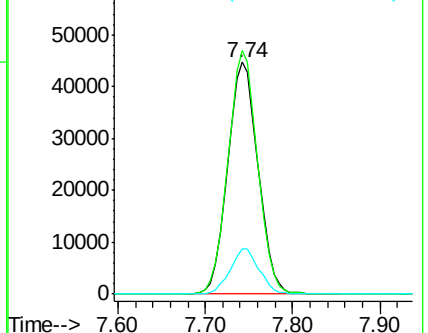
192 18.8 15.4 23.2

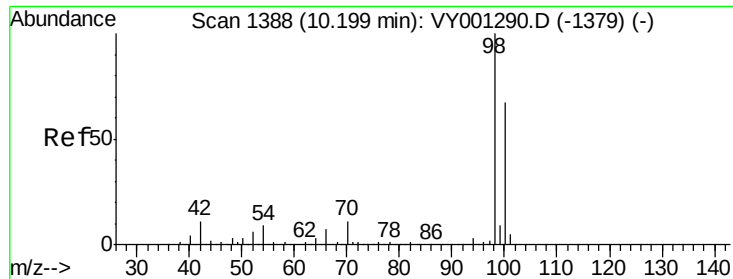


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.572 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY001299.D

Acq: 20 Jan 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

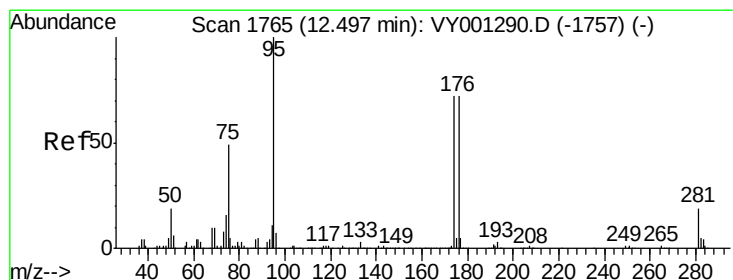
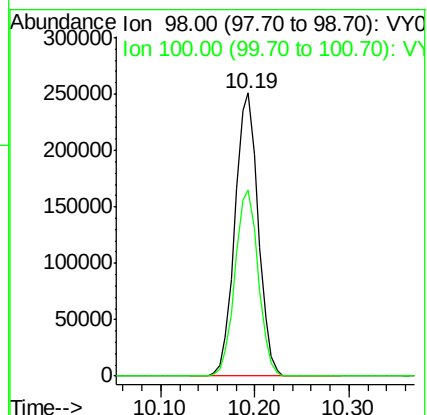
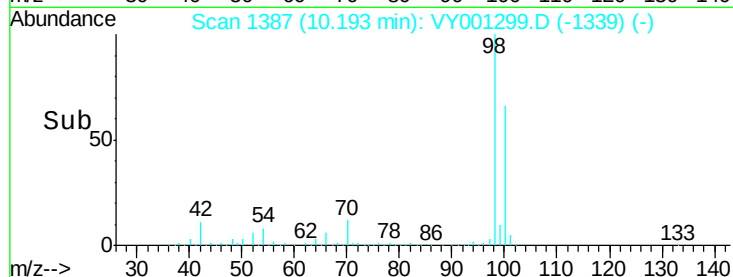
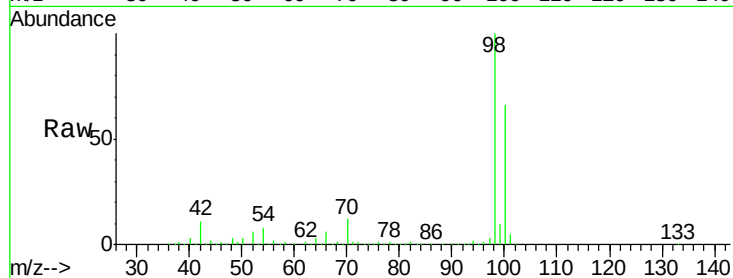
QVD-SB-01-40-41

Tot Ion: 98 Resp: 428366

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.248 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.01 min

Lab File: VY001299.D

Acq: 20 Jan 2020 16:33

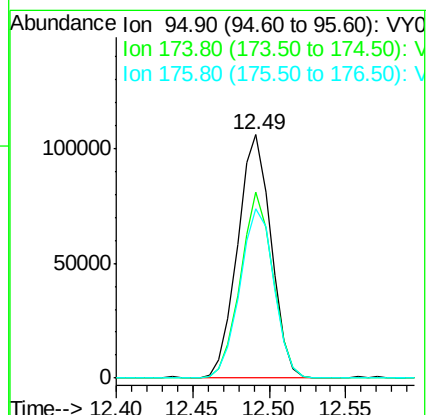
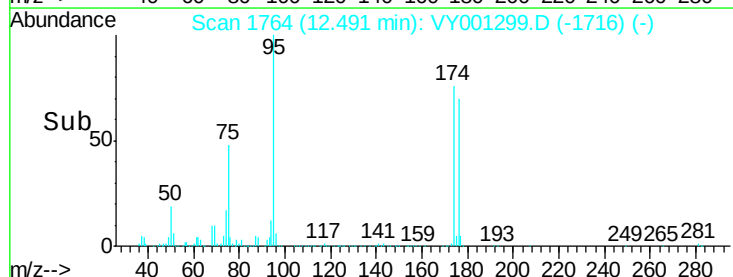
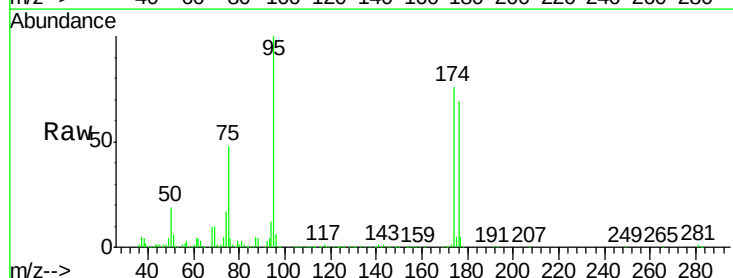
Tgt Ion: 95 Resp: 160727

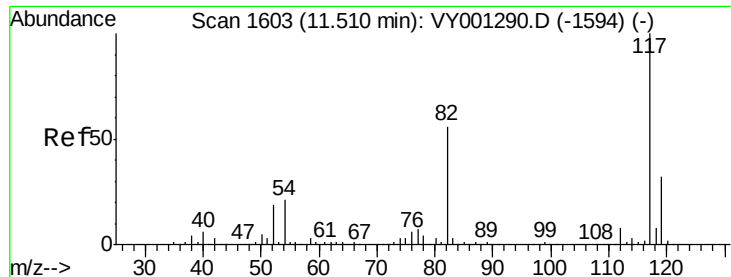
Ion Ratio Lower Upper

95 100

174 74.1 0.0 143.2

176 71.0 0.0 136.0

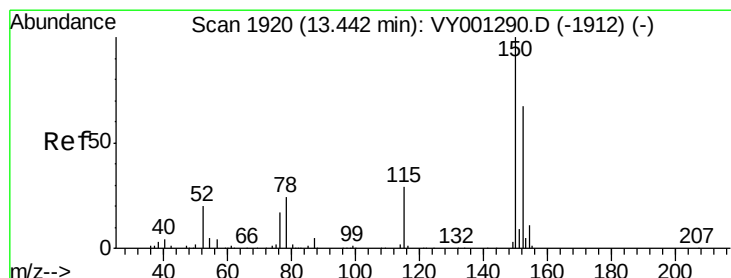
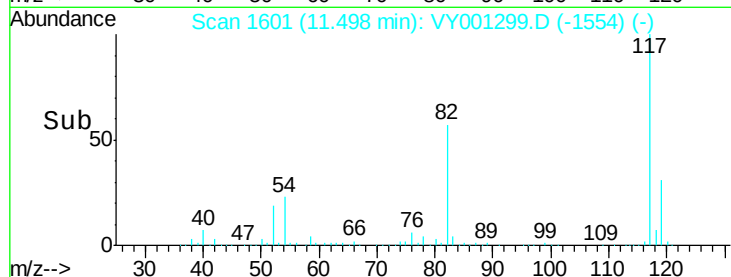
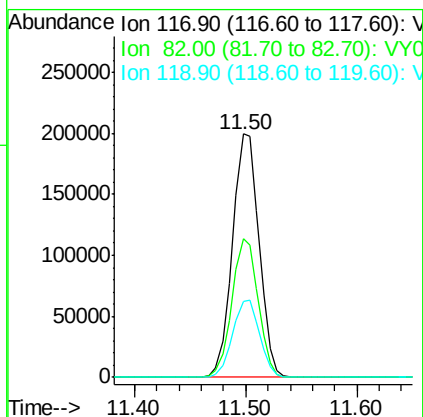
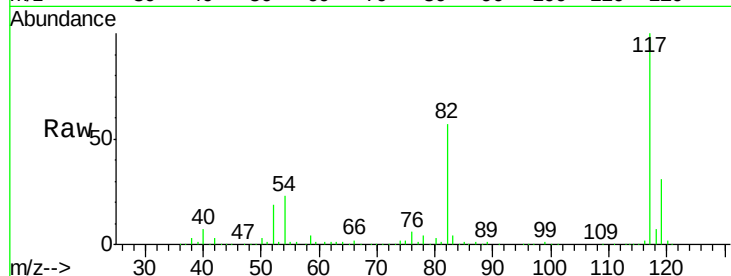




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001299.D
Acq: 20 Jan 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-01-40-41

Tot Ion:117 Resp: 328701
Ion Ratio Lower Upper
117 100
82 57.2 44.9 67.3
119 31.1 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: VY001299.D
Acq: 20 Jan 2020 16:33

Tgt Ion:152 Resp: 158294
Ion Ratio Lower Upper
152 100
115 60.7 30.9 92.5
150 154.0 0.0 346.8

