

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012020\
 Data File : VY001298.D
 Acq On : 20 Jan 2020 16:11
 Operator : SY/MD
 Sample : L1014-06
 Misc : 6.31G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-011720

Quant Time: Jan 21 07:34:57 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

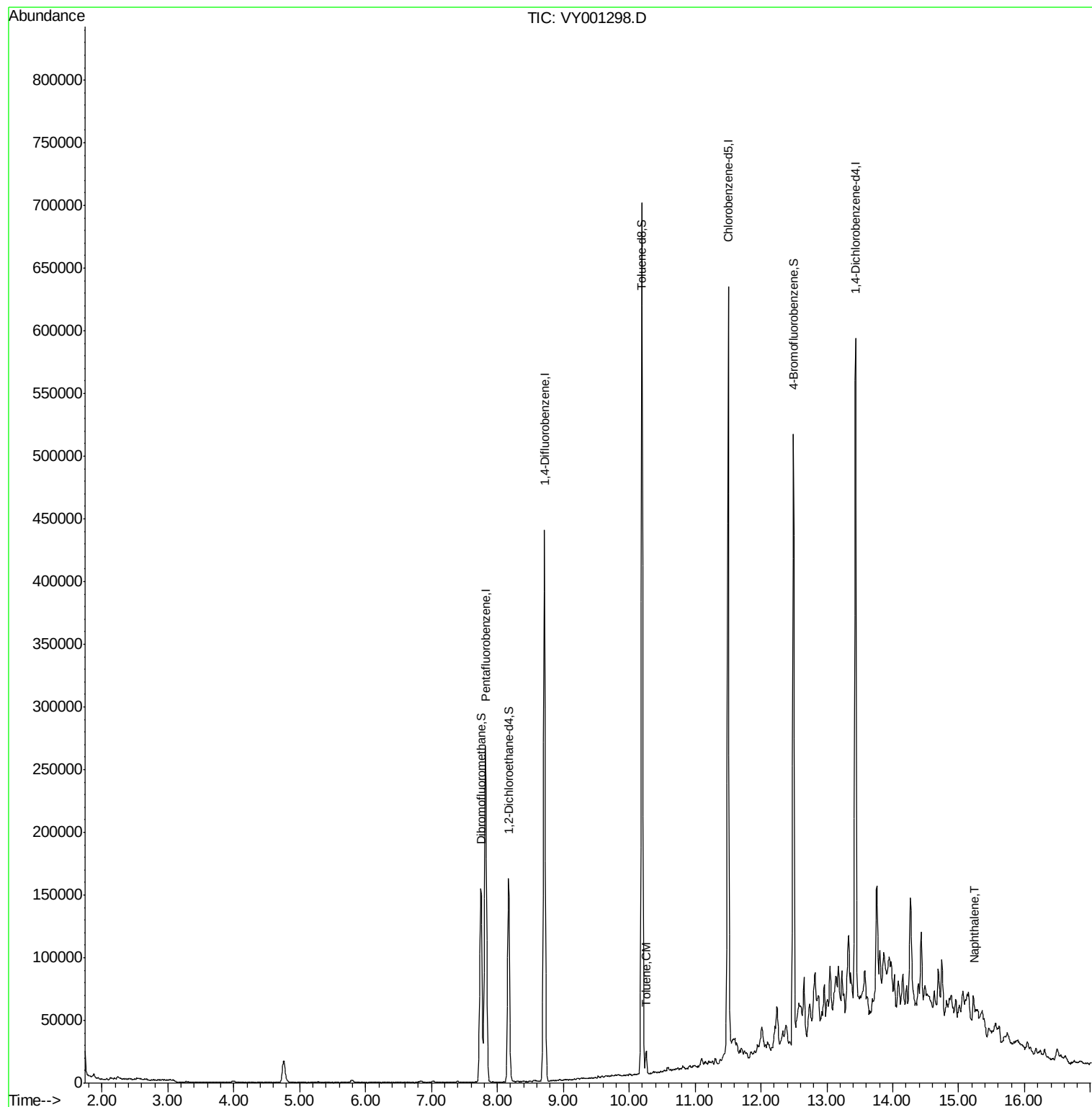
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	208612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	378106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	330246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	134225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	121096	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
35) Dibromofluoromethane	7.75	113	112653	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
50) Toluene-d8	10.19	98	450778	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
62) 4-Bromofluorobenzene	12.49	95	154728	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
Target Compounds						
52) Toluene	10.26	92	7662	1.194	ug/l	86
95) Naphthalene	15.25	128	7211	1.200	ug/l #	87

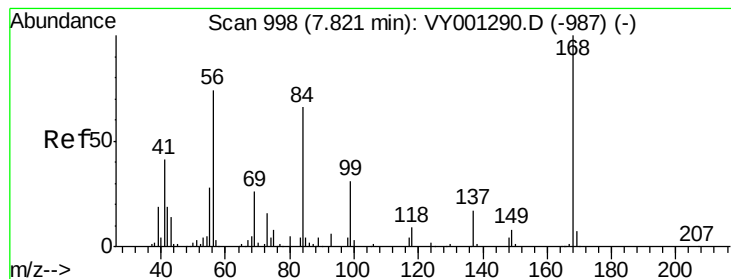
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 21 06:54:04 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.00 min

Lab File: VY001298.D

Acq: 20 Jan 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

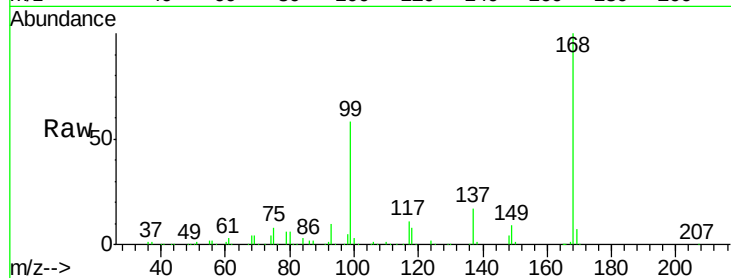
OR-02-011720

Tot Ion:168 Resp: 208612

Ion Ratio Lower Upper

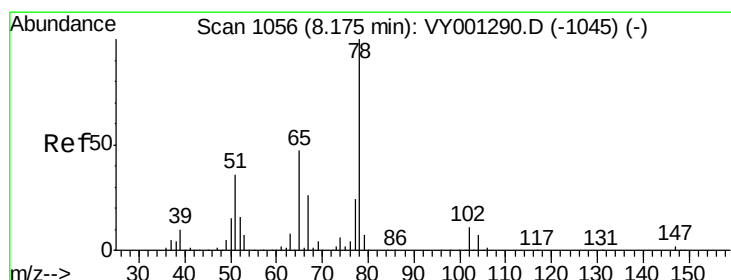
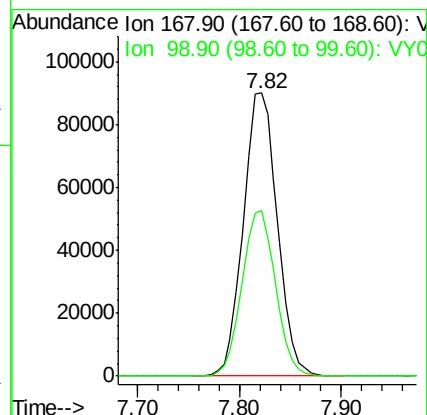
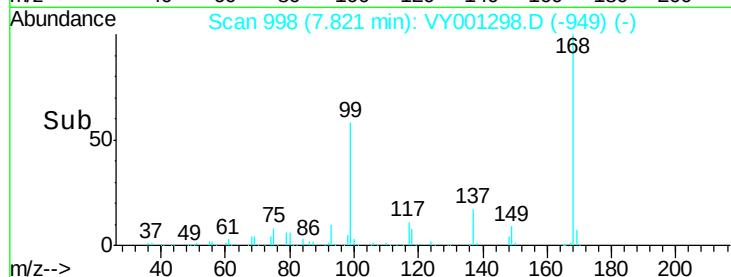
168 100

99 58.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001298.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001298.D (-949) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.961 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VY001298.D

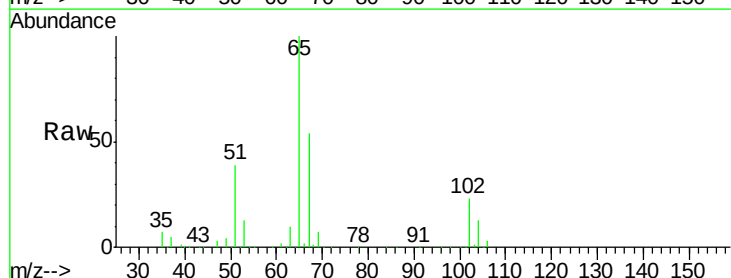
Acq: 20 Jan 2020 16:11

Tgt Ion: 65 Resp: 121096

Ion Ratio Lower Upper

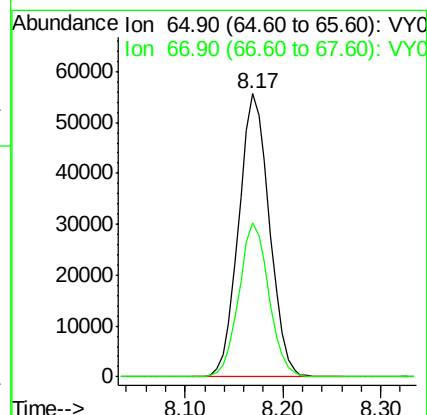
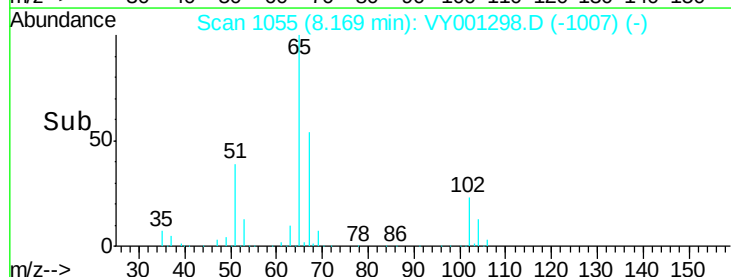
65 100

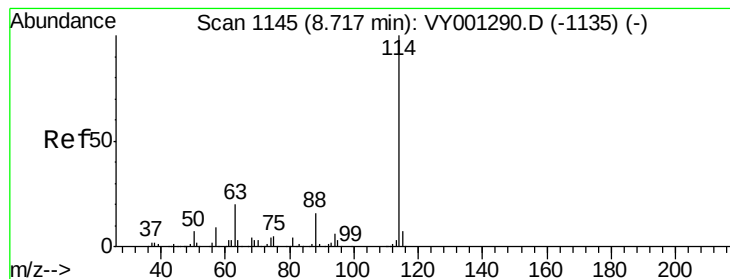
67 53.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001298.D (-1007) (-)

Ion 66.90 (66.60 to 67.60): VY001298.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: VY001298.D

Acq: 20 Jan 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-011720

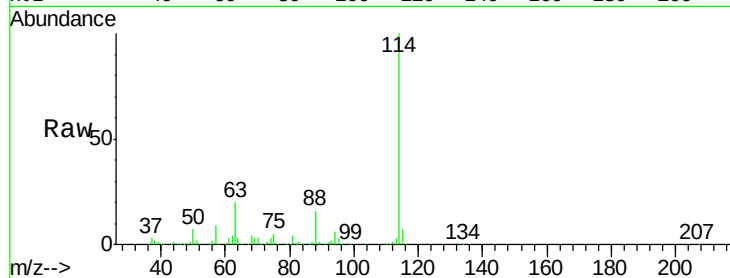
Tot Ion:114 Resp: 378106

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

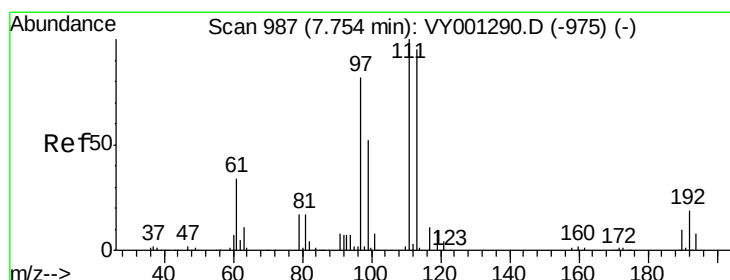
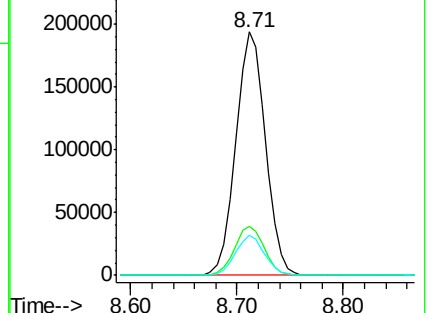
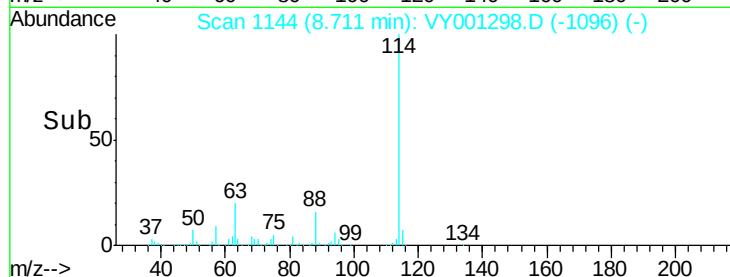
88 16.4 0.0 32.4



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: 50.887 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.01 min

Lab File: VY001298.D

Acq: 20 Jan 2020 16:11

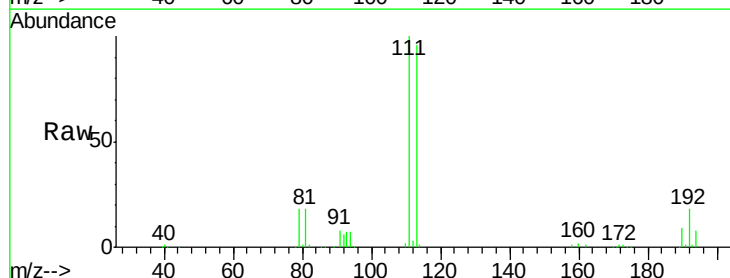
Tgt Ion:113 Resp: 112653

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

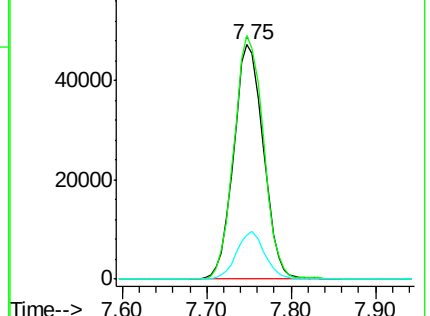
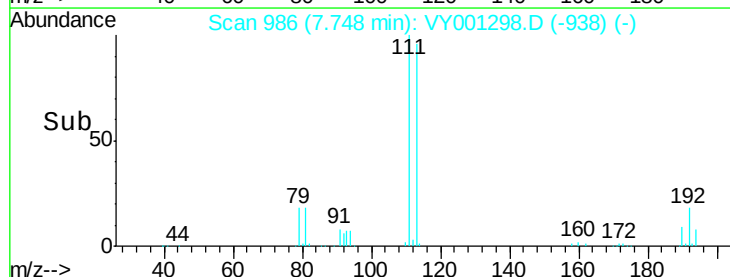
192 19.1 15.4 23.2

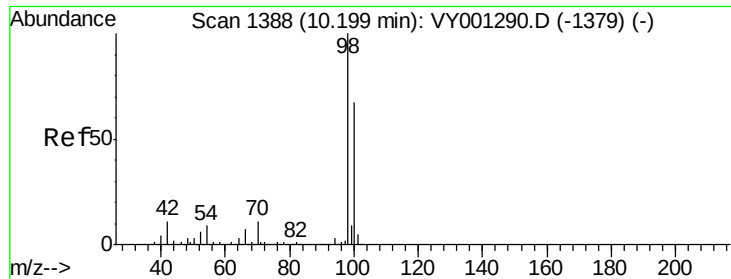


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

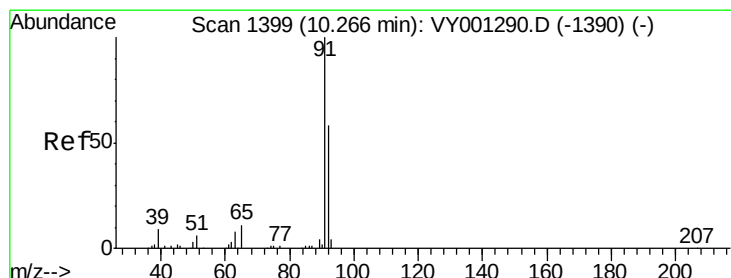
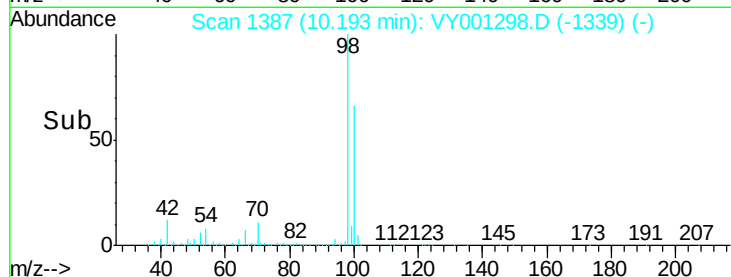
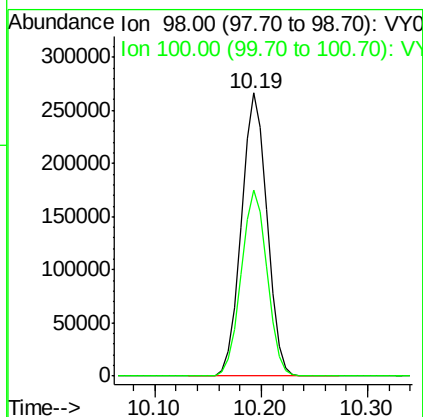
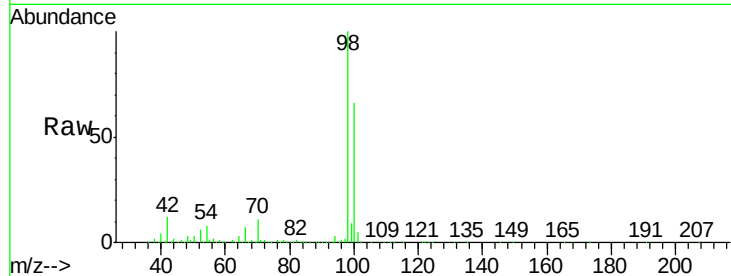




#50
Toluene-d8
Concen: 52.845 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VY001298.D
Acq: 20 Jan 2020 16:11

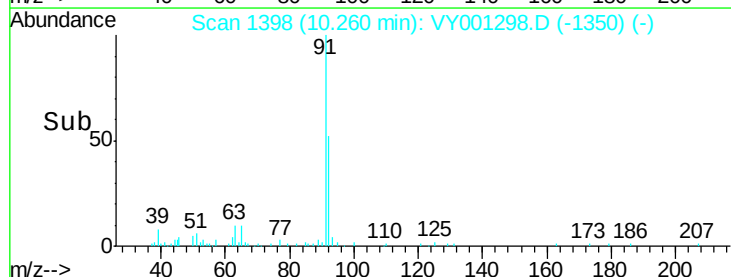
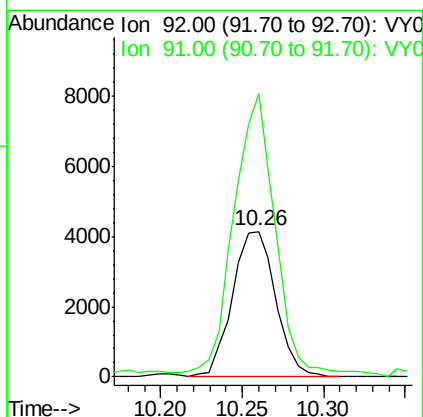
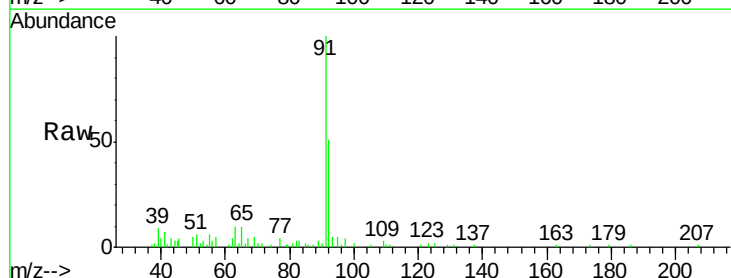
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-011720

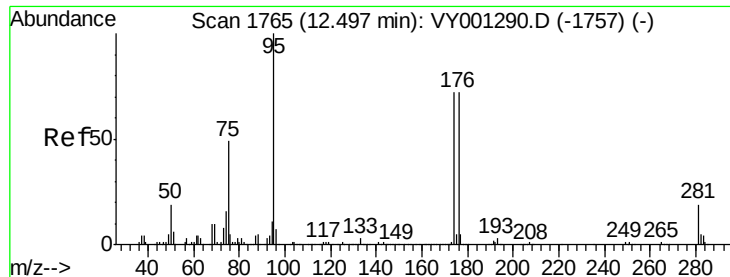
Tot Ion: 98 Resp: 450778
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#52
Toluene
Concen: 1.194 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. -0.01 min
Lab File: VY001298.D
Acq: 20 Jan 2020 16:11

Tgt Ion: 92 Resp: 7662
Ion Ratio Lower Upper
92 100
91 189.6 136.6 204.8

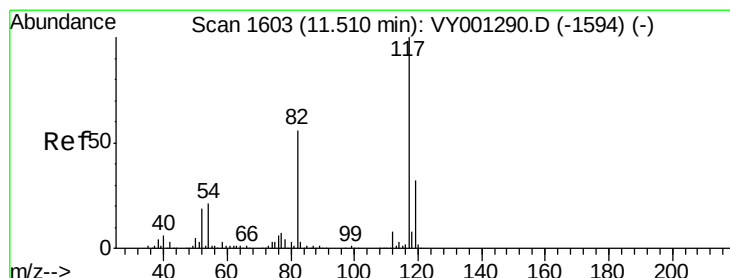
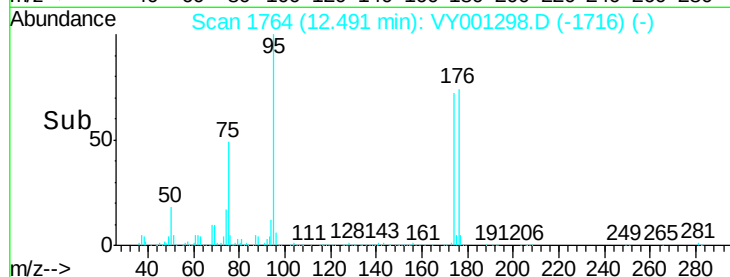
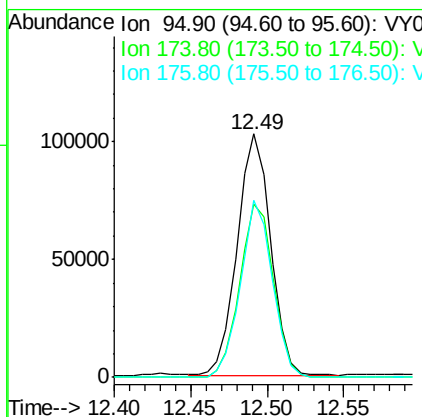
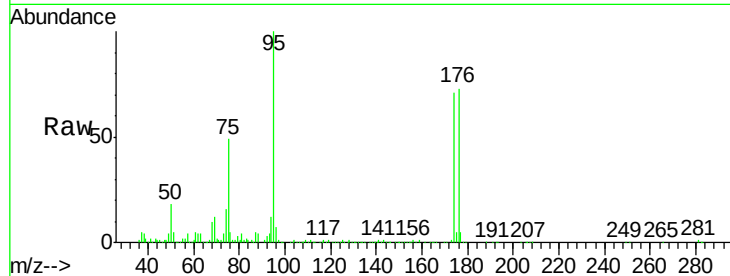




#62
4-Bromofluorobenzene
Concen: 44.368 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.01 min
Lab File: VY001298.D
Acq: 20 Jan 2020 16:11

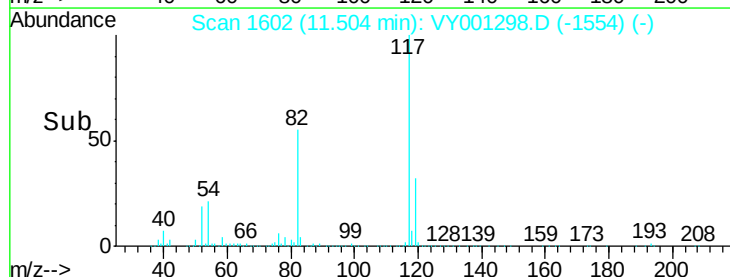
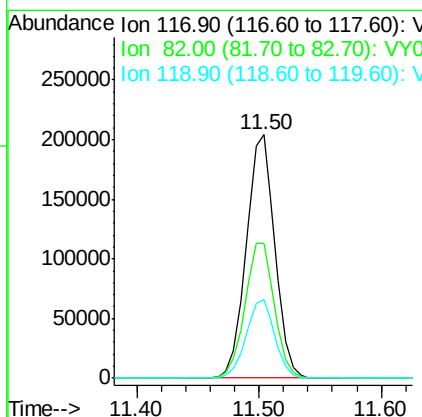
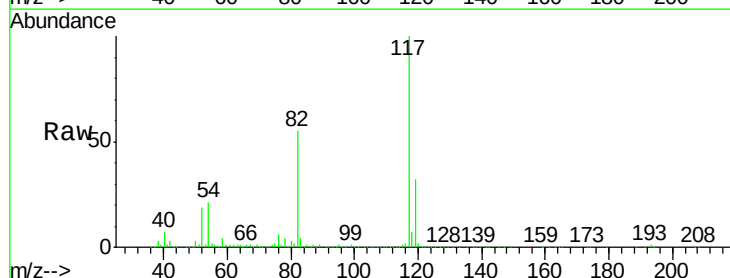
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-011720

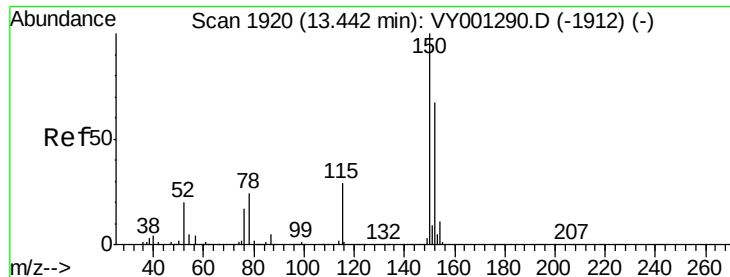
Tot Ion: 95 Resp: 154728
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.2
176 70.4 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001298.D
Acq: 20 Jan 2020 16:11

Tgt Ion: 117 Resp: 330246
Ion Ratio Lower Upper
117 100
82 55.3 44.9 67.3
119 32.0 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: VY001298.D

Acq: 20 Jan 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-011720

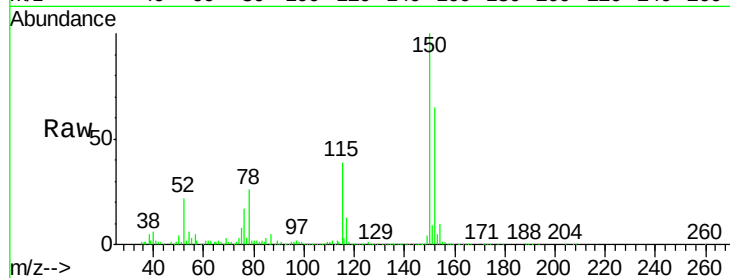
Tot Ion:152 Resp: 134225

Ion Ratio Lower Upper

152 100

115 62.2 30.9 92.5

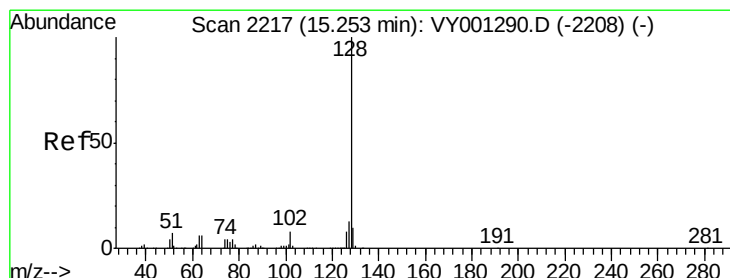
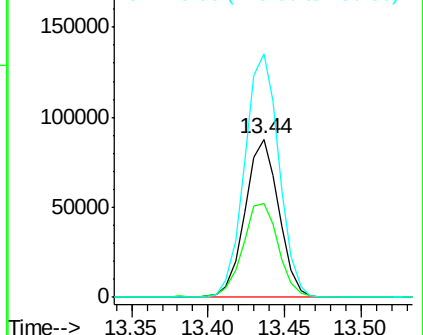
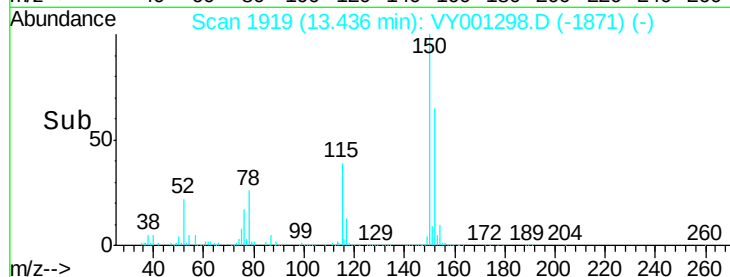
150 157.6 0.0 346.8



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: 1.200 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. -0.01 min

Lab File: VY001298.D

Acq: 20 Jan 2020 16:11

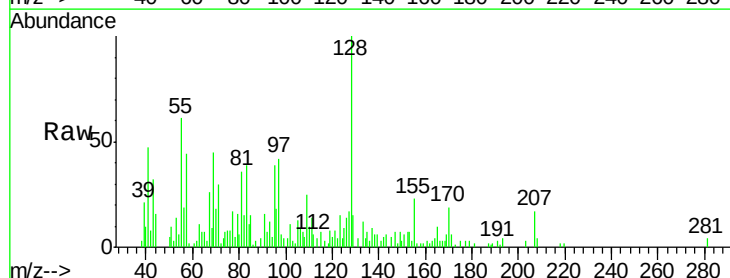
Tgt Ion:128 Resp: 7211

Ion Ratio Lower Upper

128 100

127 15.7 10.2 15.4#

129 18.1 8.5 12.7#



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

