

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000966.D
 Acq On : 16 Dec 2019 19:31
 Operator : SY/MD
 Sample : K6327-02
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1A

Quant Time: Dec 30 00:43:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

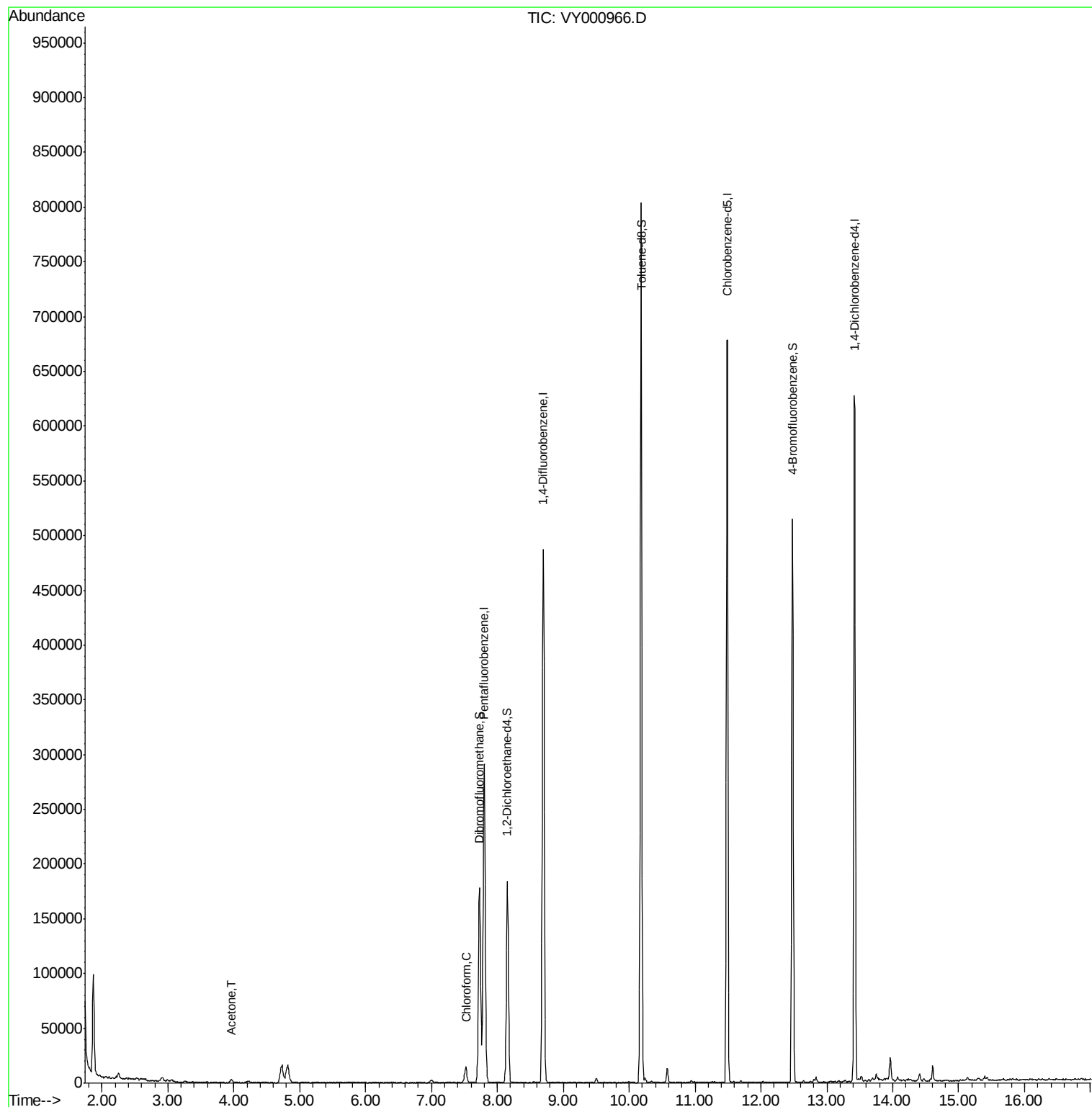
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	230561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	426803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	376724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	134691	54.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.96%	
35) Dibromofluoromethane	7.73	113	125592	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
50) Toluene-d8	10.18	98	506141	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.48	95	161016	43.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.22%	
Target Compounds						
16) Acetone	3.96	43	4630	8.238	ug/l	95
30) Chloroform	7.52	83	13869	2.816	ug/l	87

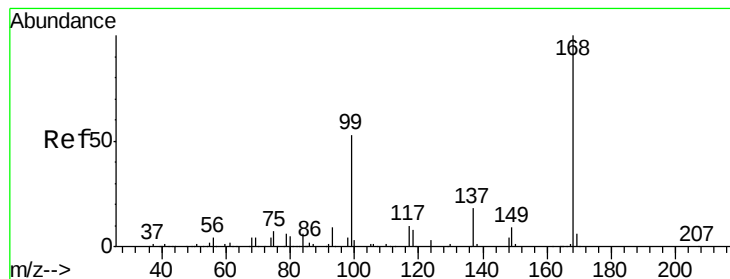
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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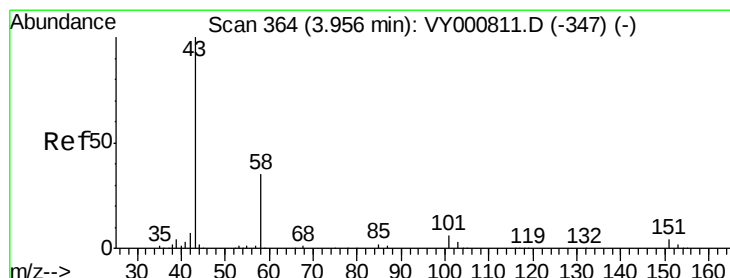
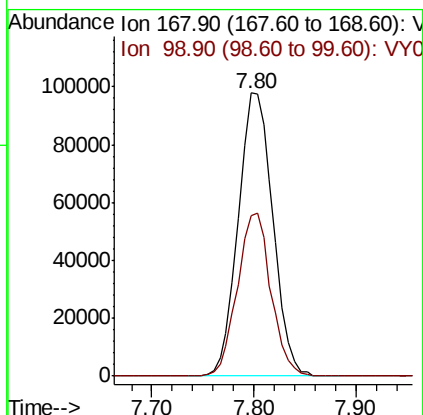
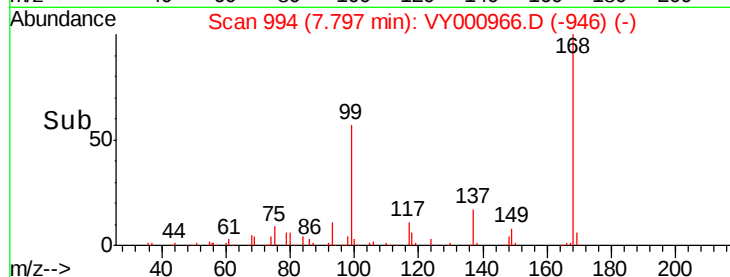
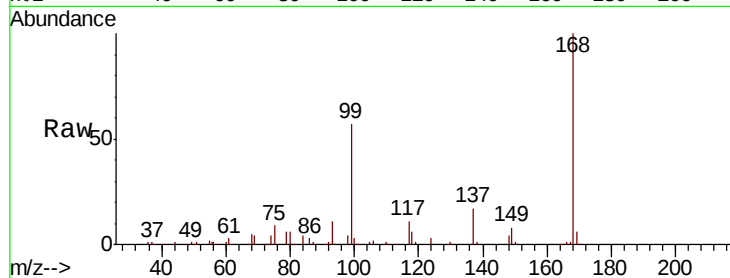


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000966.D
 Acq: 16 Dec 2019 19:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-1A

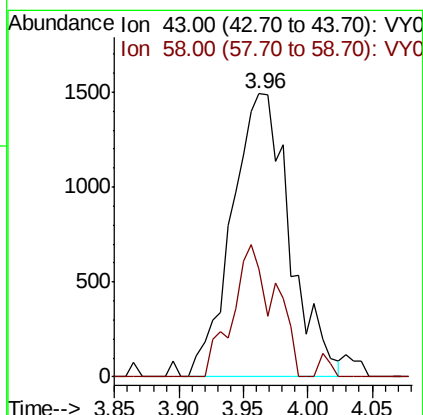
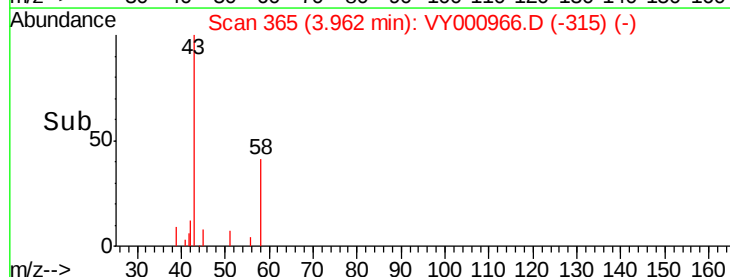
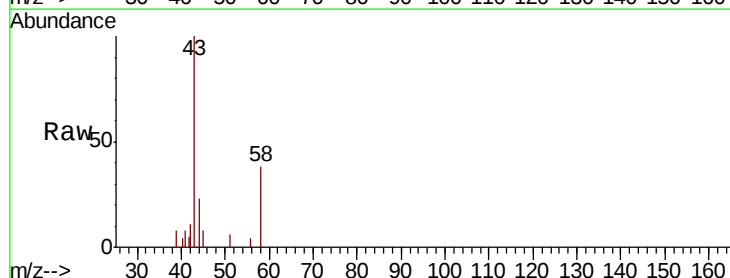
Tot Ion:168 Resp: 230561
 Ion Ratio Lower Upper
 168 100
 99 56.5 45.0 67.6

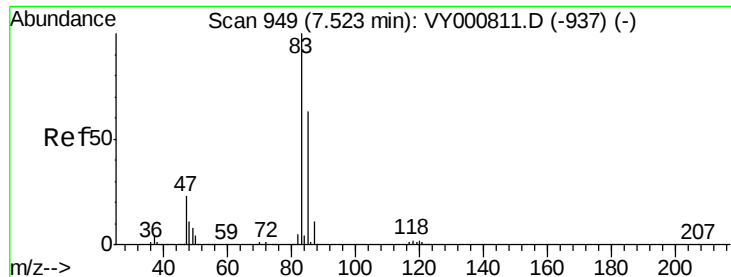


#16

Acetone
 Concen: 8.238 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY000966.D
 Acq: 16 Dec 2019 19:31

Tgt Ion: 43 Resp: 4630
 Ion Ratio Lower Upper
 43 100
 58 38.2 28.0 42.0

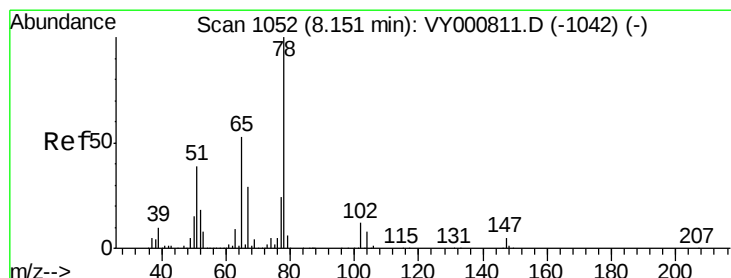
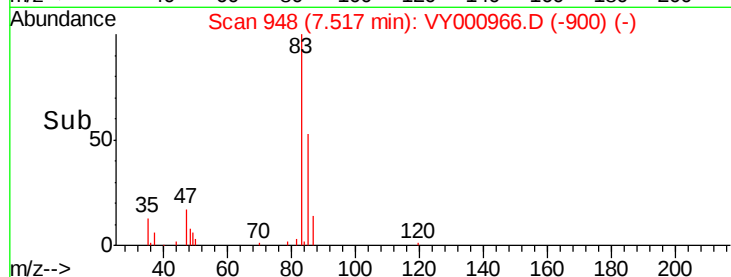
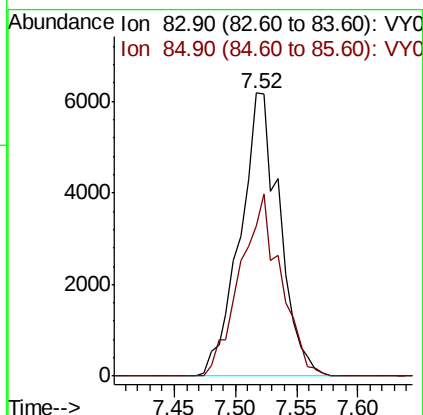
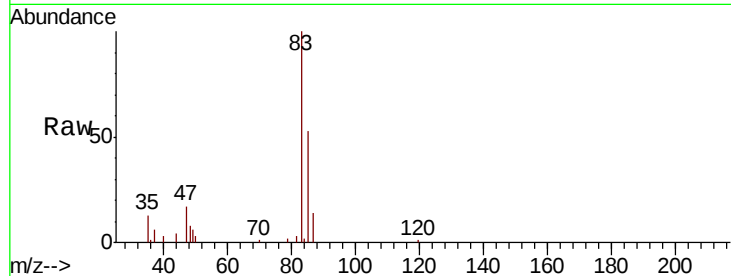




#30
Chloroform
Concen: 2.816 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000966.D
Acq: 16 Dec 2019 19:31

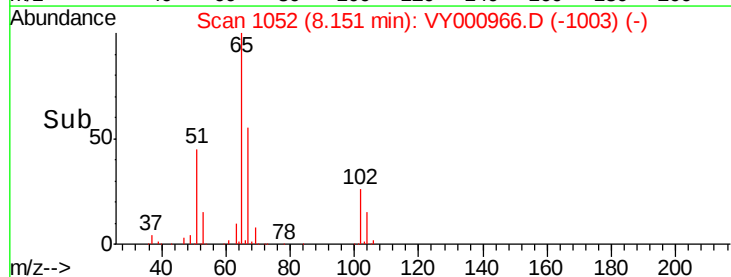
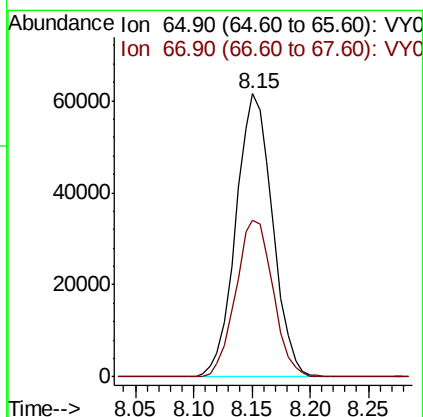
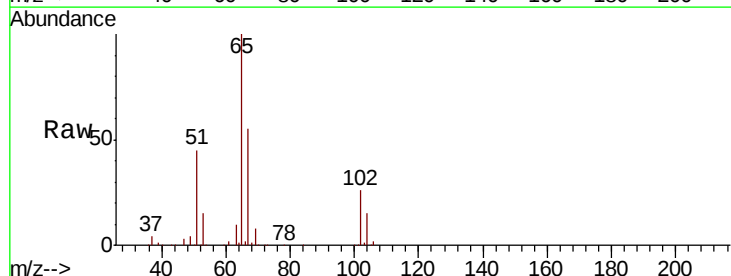
Instrument :
MSVOA_Y
ClientSampled :
C-1A

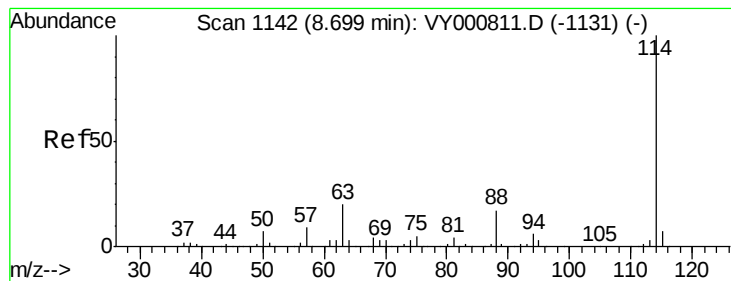
Tot Ion: 83 Resp: 13869
Ion Ratio Lower Upper
83 100
85 53.3 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 54.978 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000966.D
Acq: 16 Dec 2019 19:31

Tgt Ion: 65 Resp: 134691
Ion Ratio Lower Upper
65 100
67 56.2 0.0 112.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000966.D

Acq: 16 Dec 2019 19:31

Instrument :

MSVOA_Y

ClientSampleId :

C-1A

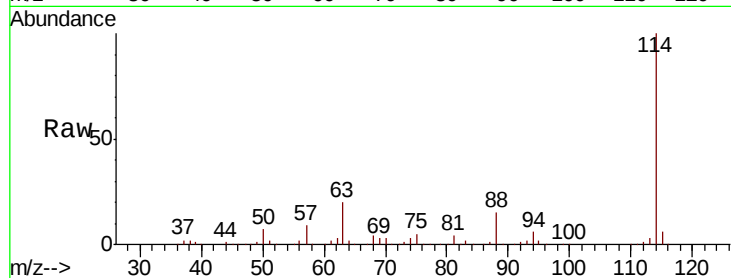
Tot Ion:114 Resp: 426803

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.8

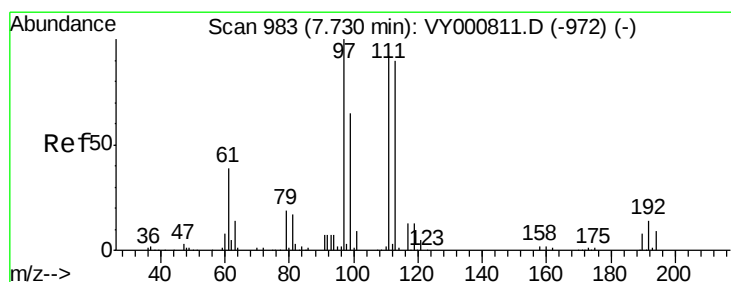
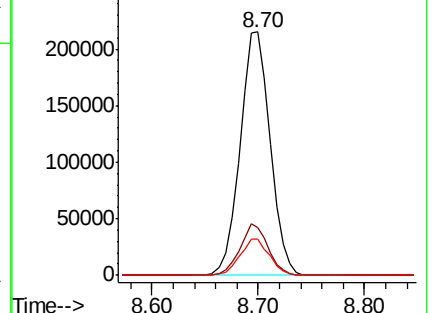
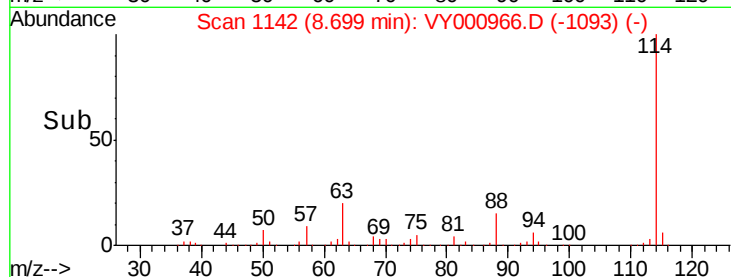
88 15.0 0.0 33.2



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: 50.491 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000966.D

Acq: 16 Dec 2019 19:31

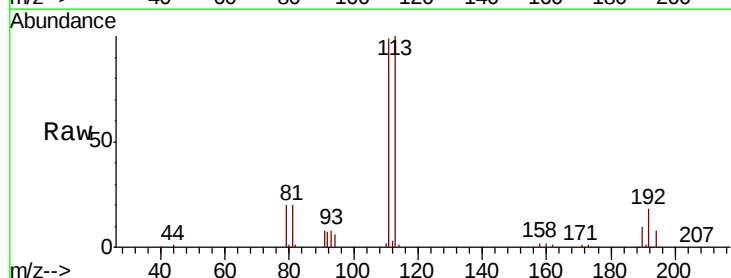
Tgt Ion:113 Resp: 125592

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

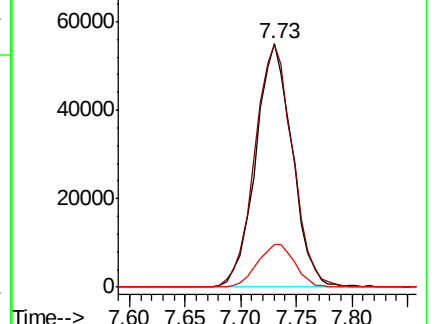
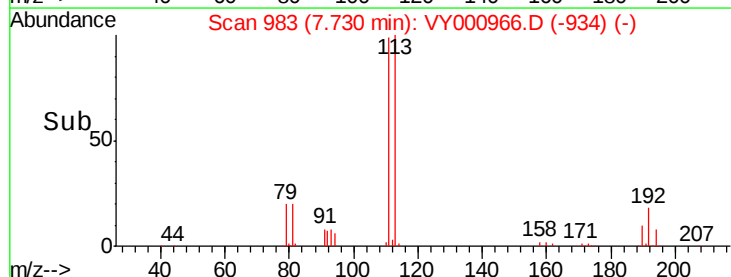
192 17.9 14.2 21.2

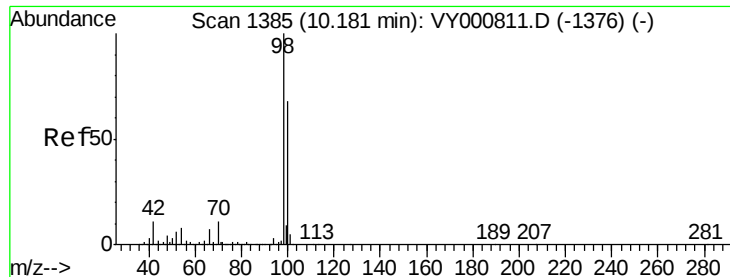


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.896 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000966.D

Acq: 16 Dec 2019 19:31

Instrument :

MSVOA_Y

ClientSampleId :

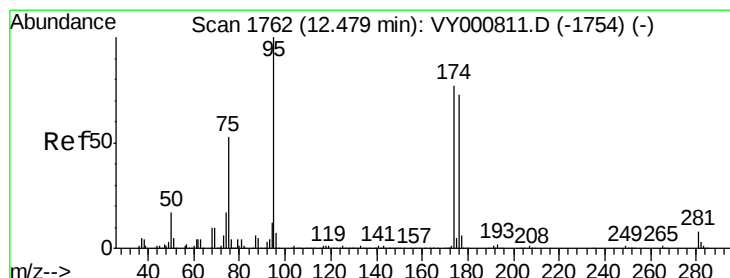
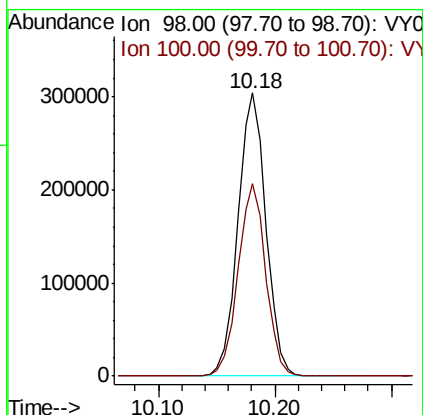
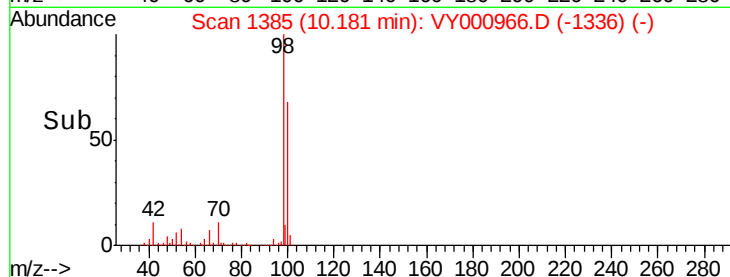
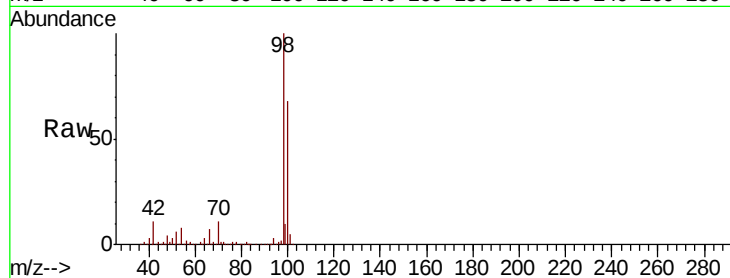
C-1A

Tot Ion: 98 Resp: 506141

Ion Ratio Lower Upper

98 100

100 67.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 43.114 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000966.D

Acq: 16 Dec 2019 19:31

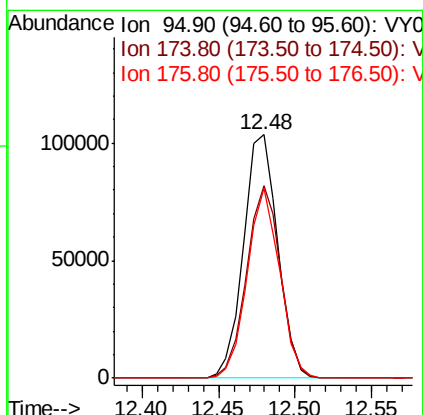
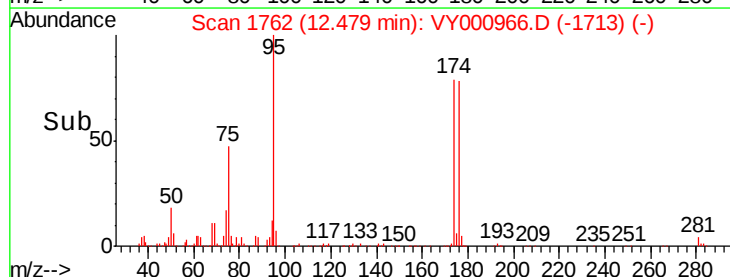
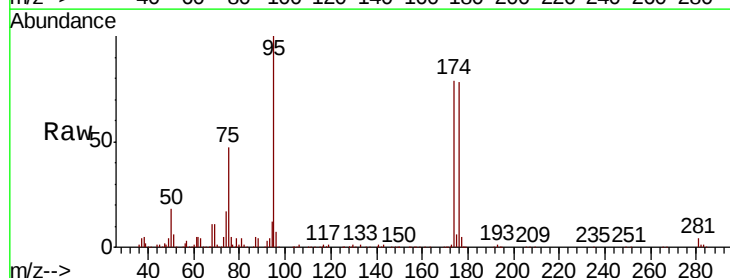
Tgt Ion: 95 Resp: 161016

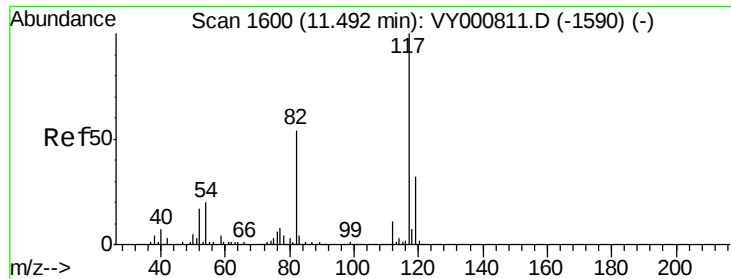
Ion Ratio Lower Upper

95 100

174 78.1 0.0 150.6

176 74.0 0.0 145.2

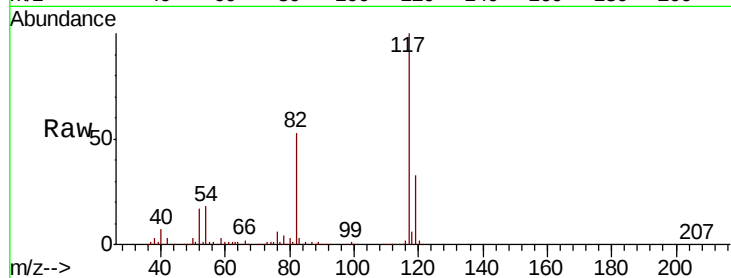




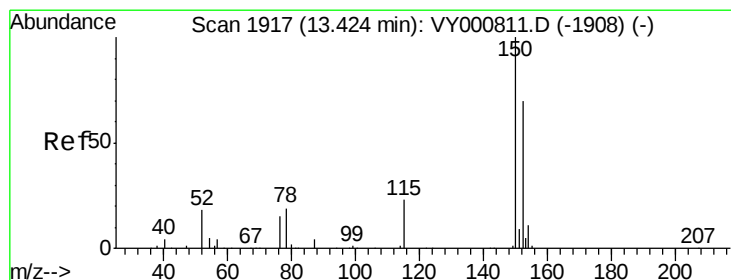
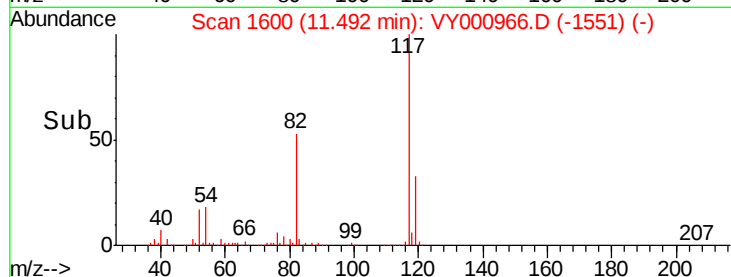
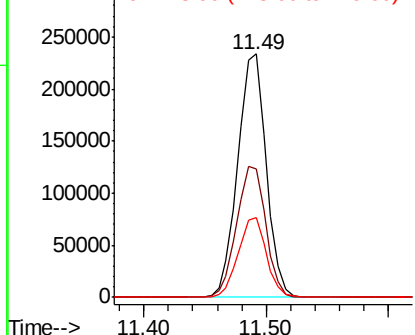
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000966.D
Acq: 16 Dec 2019 19:31

Instrument :
MSVOA_Y
ClientSampleId :
C-1A

Tot Ion:117 Resp: 376724
Ion Ratio Lower Upper
117 100
82 52.6 43.1 64.7
119 32.6 25.3 37.9

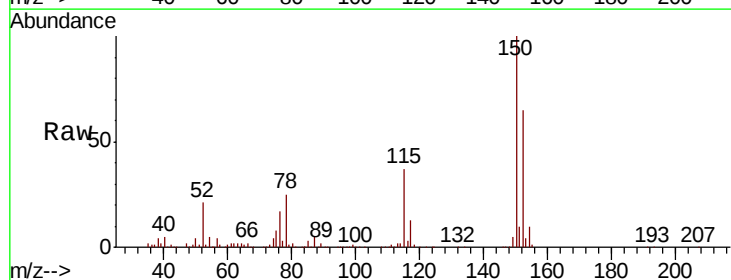


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000966.D
Acq: 16 Dec 2019 19:31

Tgt Ion:152 Resp: 155555
Ion Ratio Lower Upper
152 100
115 58.4 29.3 87.8
150 158.2 0.0 351.2



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

