

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121719\
 Data File : VY000977.D
 Acq On : 17 Dec 2019 14:43
 Operator : SY/MD
 Sample : K6299-09
 Misc : 5.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SHORE-RD-BH-04

Quant Time: Dec 18 06:14:44 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

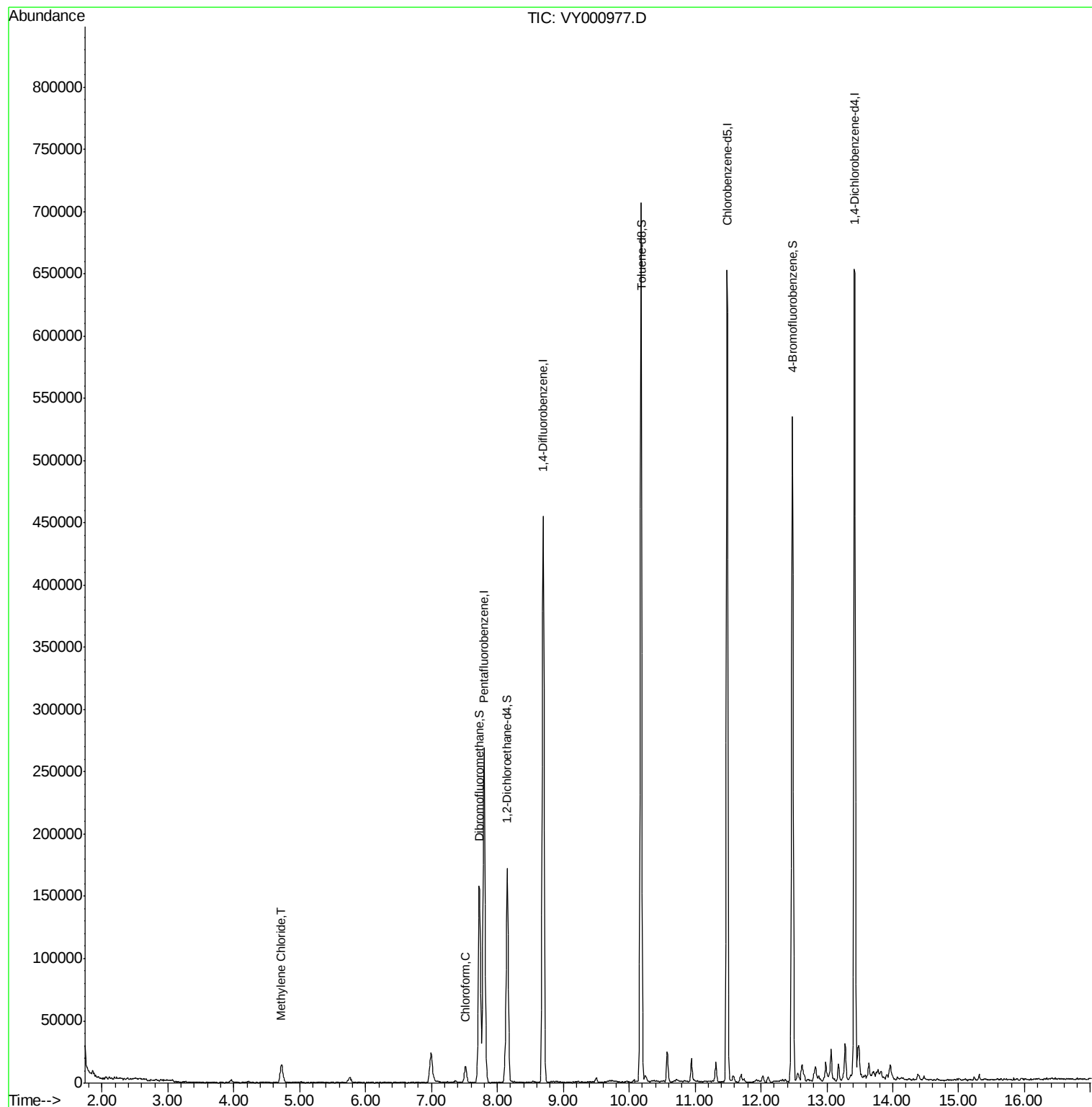
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	204467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	390427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	357356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	122039	56.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.34%	
35) Dibromofluoromethane	7.72	113	114590	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.18	98	457869	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.48	95	157317	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.10%	
Target Compounds						
20) Methylene Chloride	4.72	84	11049	4.206	ug/l	90
30) Chloroform	7.52	83	12932	2.960	ug/l	91

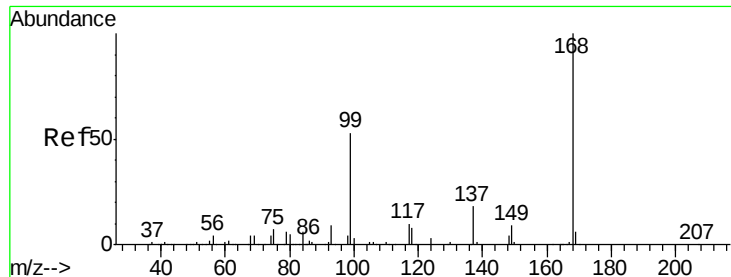
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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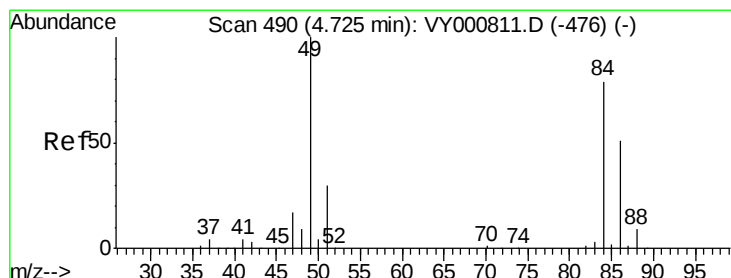
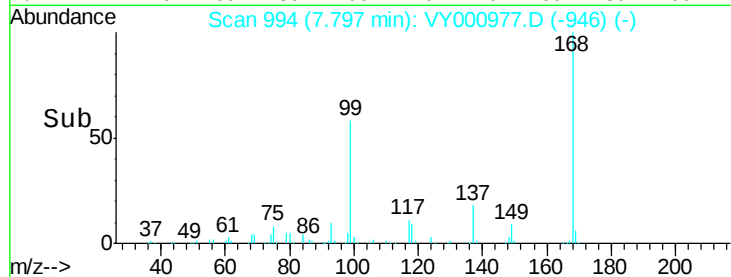
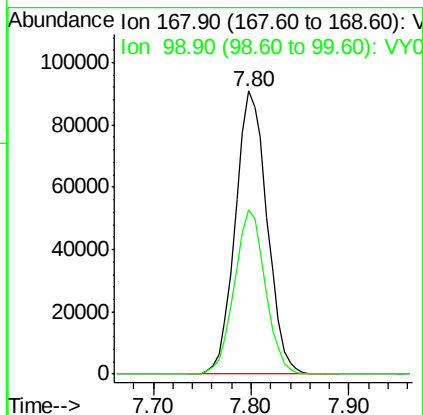
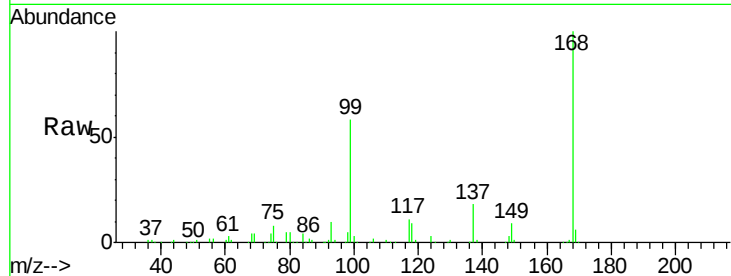


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000977.D
 Acq: 17 Dec 2019 14:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 SHORE-RD-BH-04

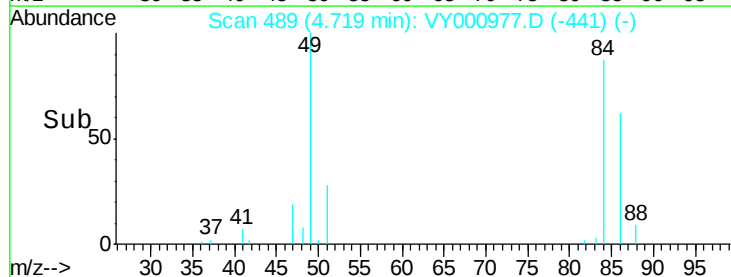
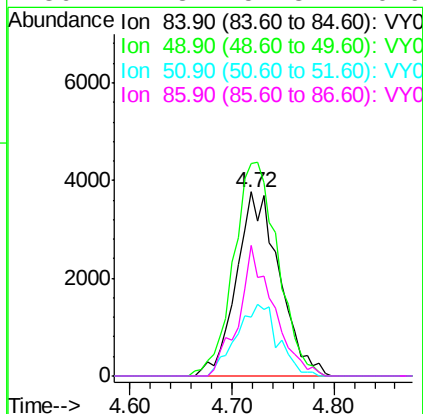
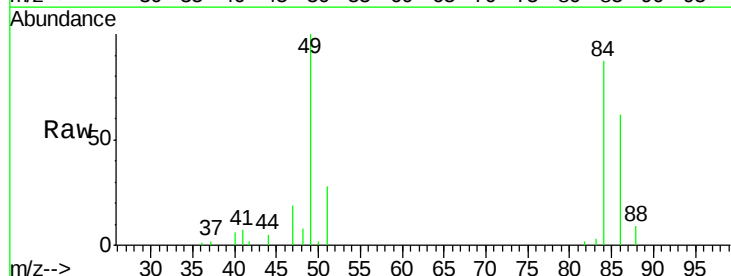
Tot Ion: 168 Resp: 204467
 Ion Ratio Lower Upper
 168 100
 99 58.1 45.0 67.6

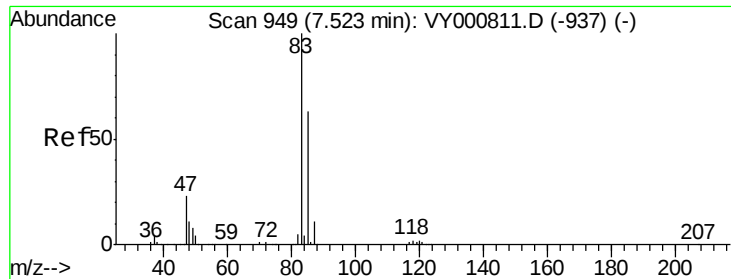


#20

Methylene Chloride
 Concen: 4.206 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY000977.D
 Acq: 17 Dec 2019 14:43

Tgt Ion: 84 Resp: 11049
 Ion Ratio Lower Upper
 84 100
 49 115.2 101.3 151.9
 51 31.7 30.6 45.8
 86 71.3 51.3 76.9

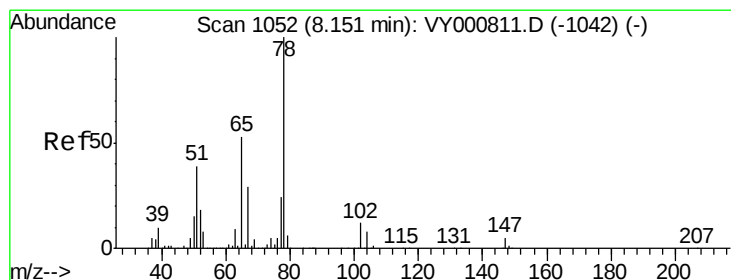
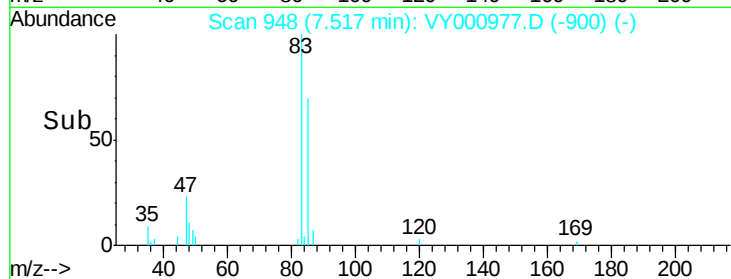
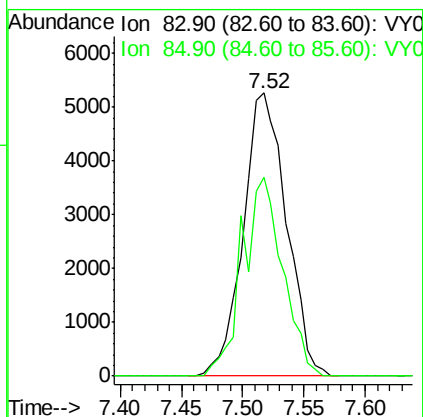
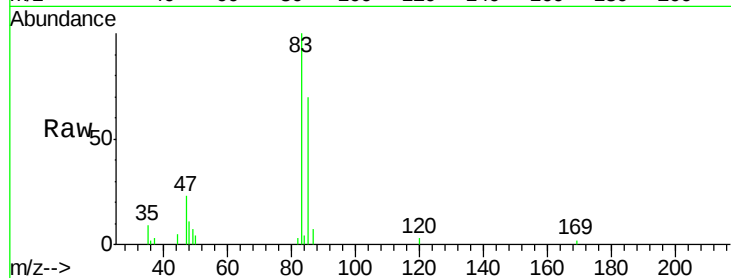




#30
Chloroform
Concen: 2.960 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000977.D
Acq: 17 Dec 2019 14:43

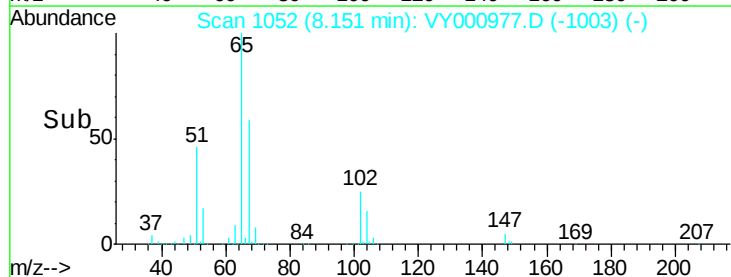
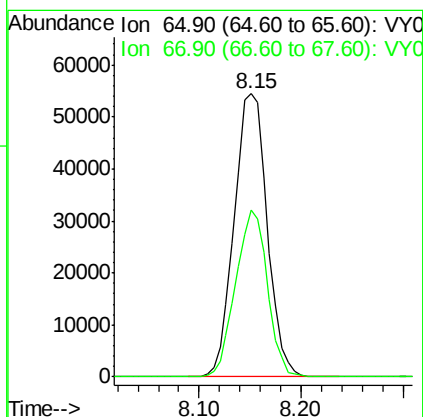
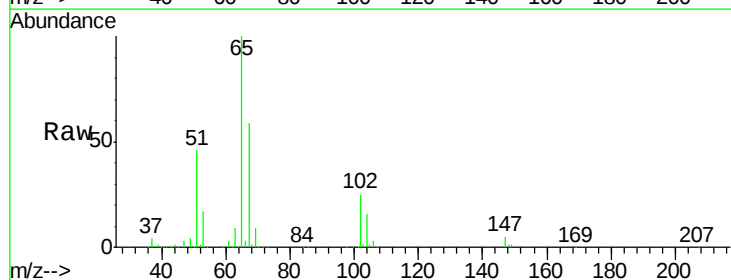
Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-BH-04

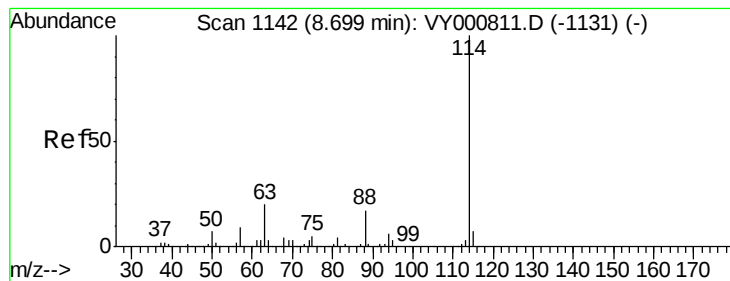
Tot Ion: 83 Resp: 12932
Ion Ratio Lower Upper
83 100
85 70.2 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 56.171 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000977.D
Acq: 17 Dec 2019 14:43

Tgt Ion: 65 Resp: 122039
Ion Ratio Lower Upper
65 100
67 57.0 0.0 112.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000977.D

Acq: 17 Dec 2019 14:43

Instrument :

MSVOA_Y

ClientSampleId :

SHORE-RD-BH-04

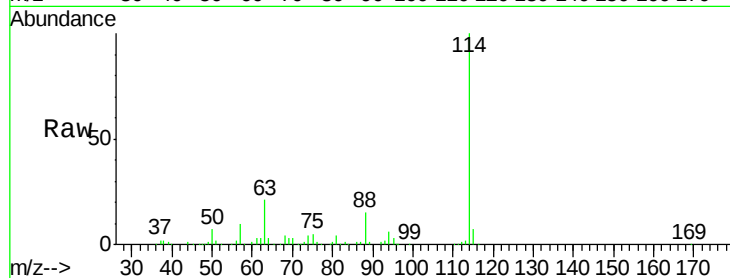
Tot Ion:114 Resp: 390427

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.8

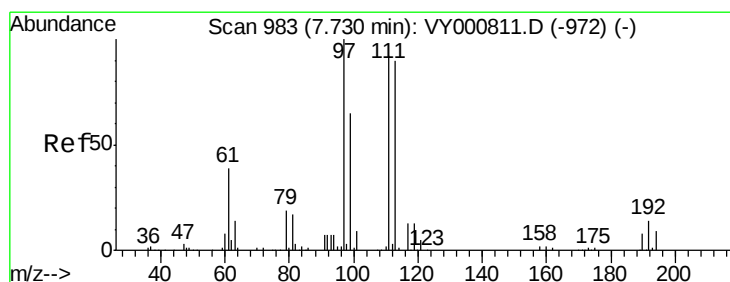
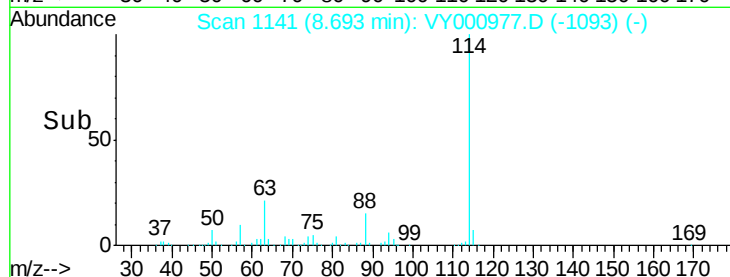
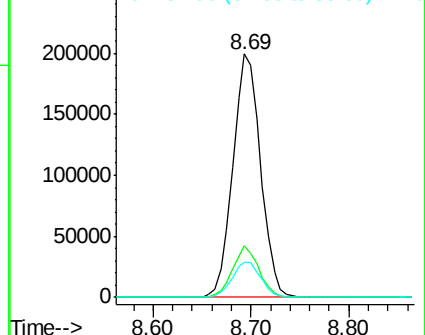
88 14.5 0.0 33.2



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: 50.360 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000977.D

Acq: 17 Dec 2019 14:43

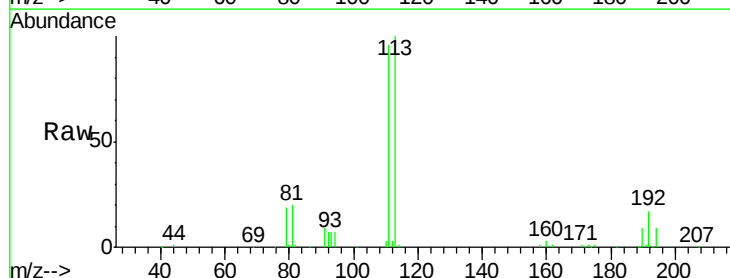
Tgt Ion:113 Resp: 114590

Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

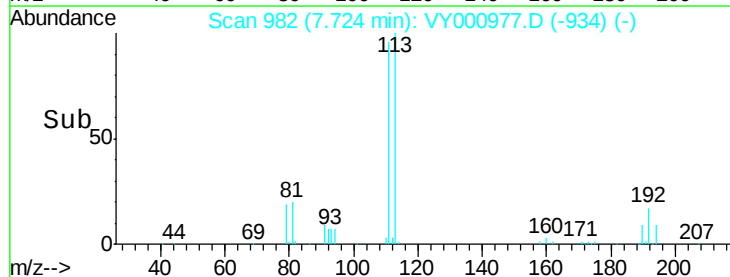
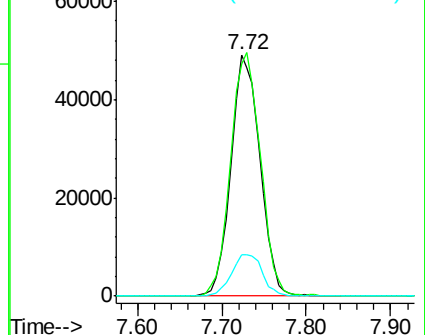
192 18.2 14.2 21.2

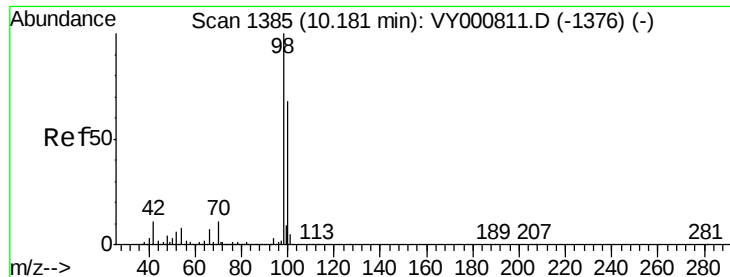


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.332 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000977.D

Acq: 17 Dec 2019 14:43

Instrument :

MSVOA_Y

ClientSampleId :

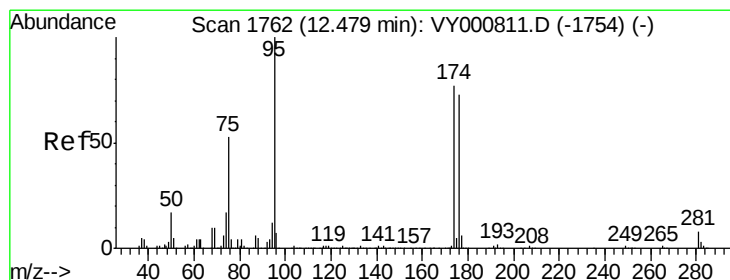
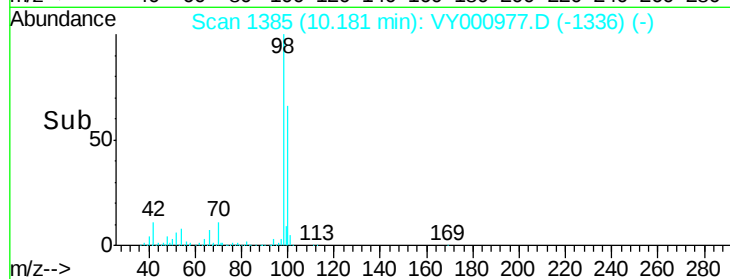
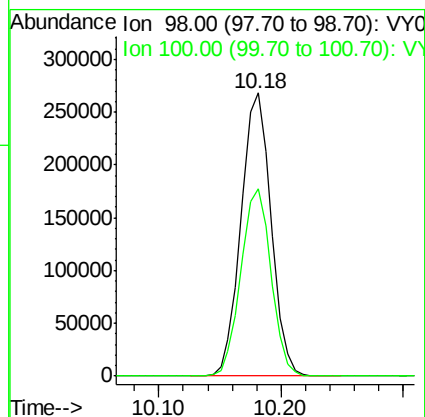
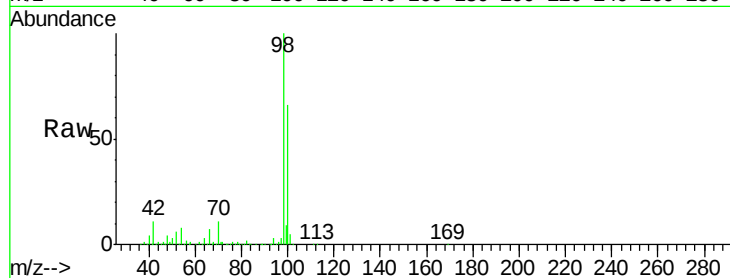
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Tot Ion: 98 Resp: 457869

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.048 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000977.D

Acq: 17 Dec 2019 14:43

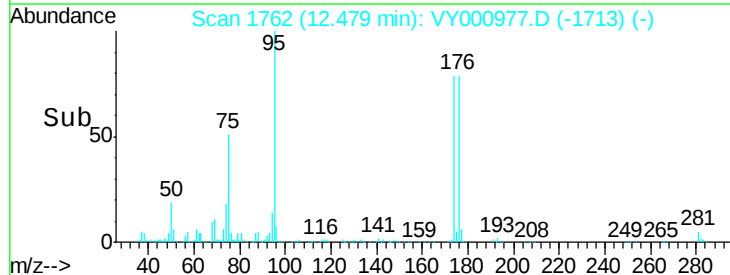
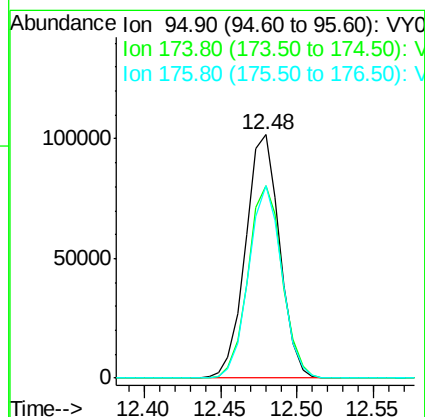
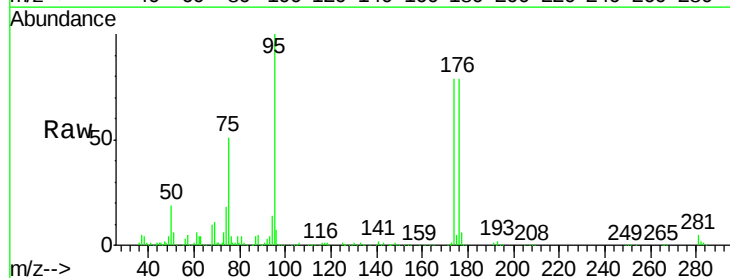
Tgt Ion: 95 Resp: 157317

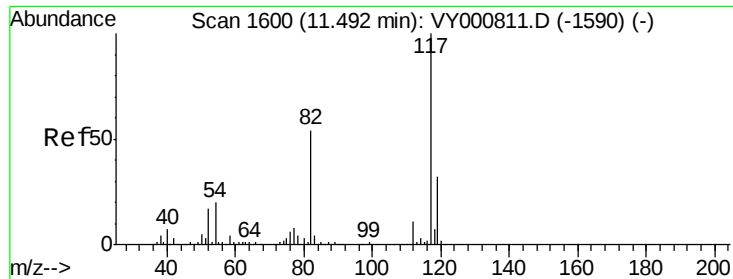
Ion Ratio Lower Upper

95 100

174 79.0 0.0 150.6

176 77.0 0.0 145.2

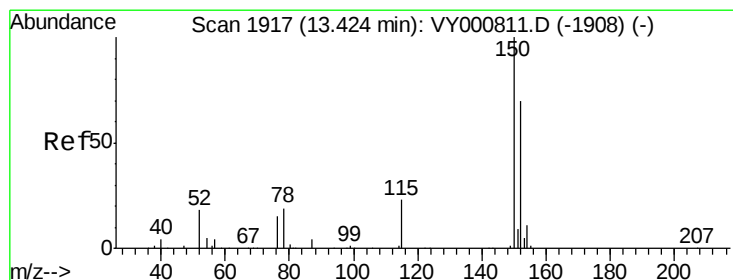
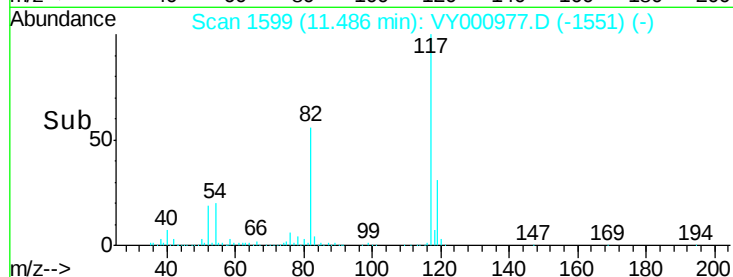
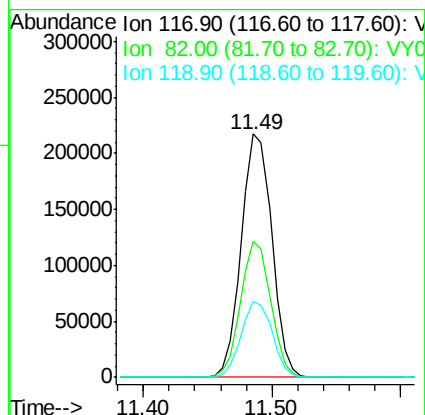
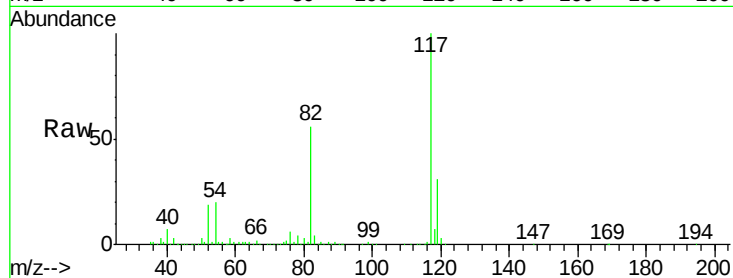




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000977.D
Acq: 17 Dec 2019 14:43

Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-BH-04

Tot Ion:117 Resp: 357356
Ion Ratio Lower Upper
117 100
82 55.6 43.1 64.7
119 31.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000977.D
Acq: 17 Dec 2019 14:43

Tgt Ion:152 Resp: 166879
Ion Ratio Lower Upper
152 100
115 58.3 29.3 87.8
150 156.4 0.0 351.2

