

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121719\
 Data File : VY000976.D
 Acq On : 17 Dec 2019 14:21
 Operator : SY/MD
 Sample : K6299-03
 Misc : 5.30G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SHORE-RD-BH-02

Quant Time: Dec 18 06:11:59 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

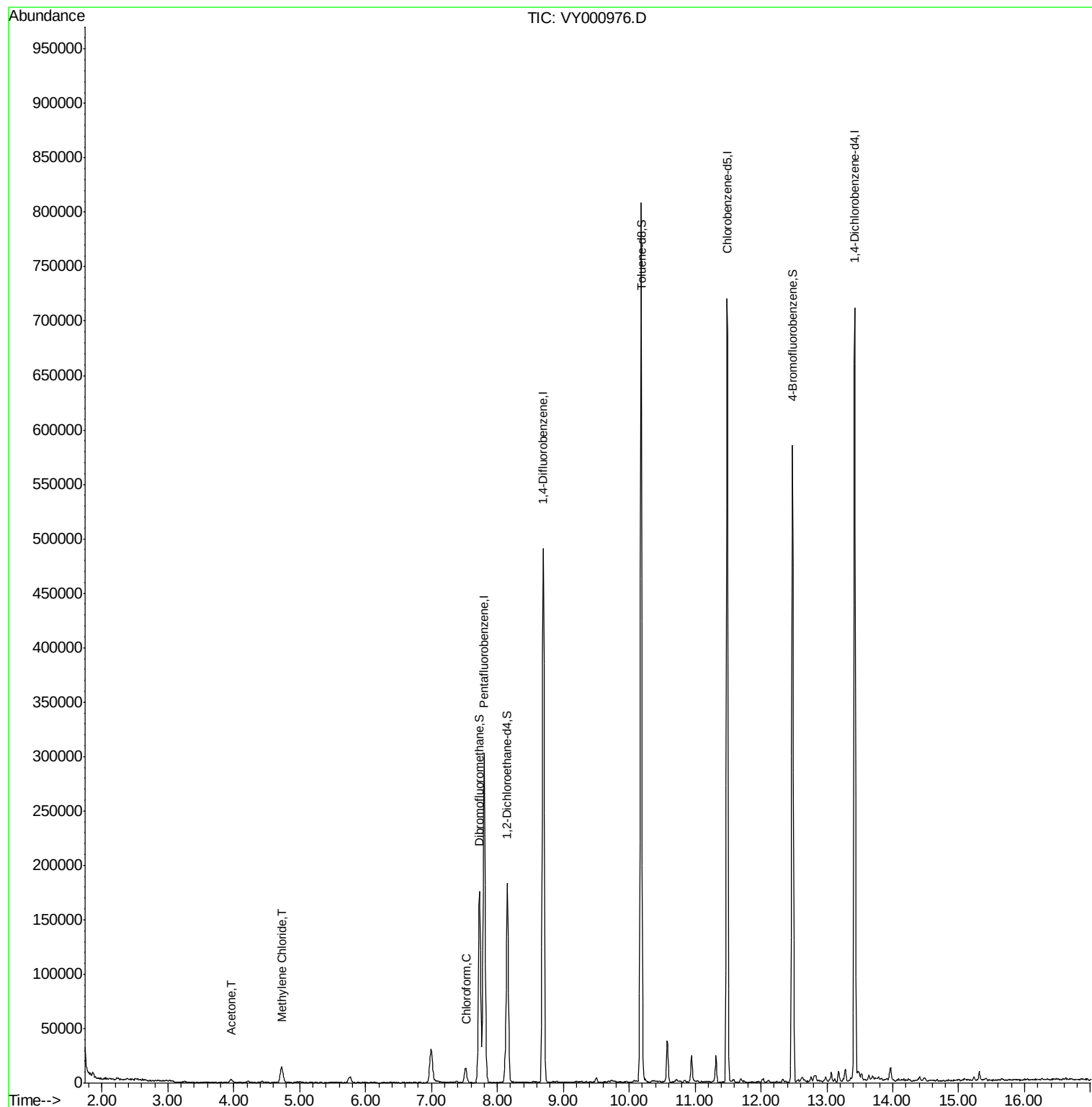
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	233300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	430401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	385970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	173943	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	126573	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
35) Dibromofluoromethane	7.73	113	125878	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.18	98	511350	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.48	95	172776	45.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.76%	
Target Compounds						
16) Acetone	3.96	43	4757	8.365	ug/l #	80
20) Methylene Chloride	4.72	84	10963	3.657	ug/l #	77
30) Chloroform	7.52	83	14229	2.855	ug/l	95

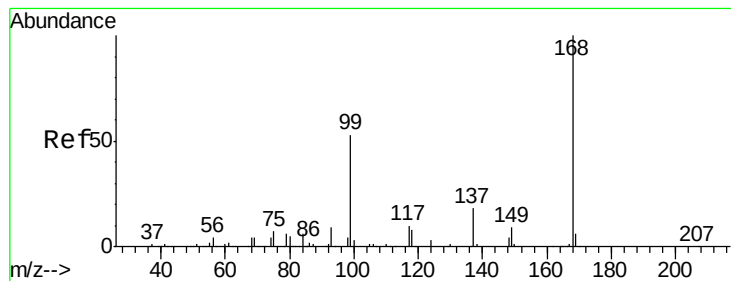
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000976.D

Acq: 17 Dec 2019 14:21

Instrument :

MSVOA_Y

ClientSampleId :

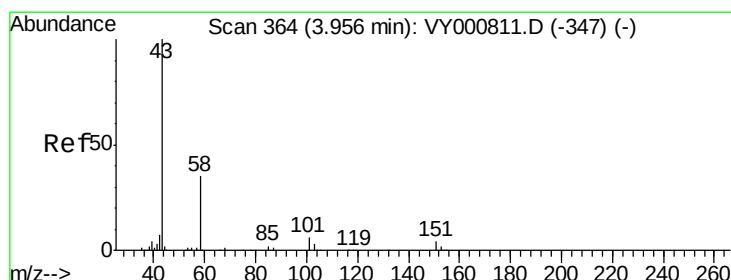
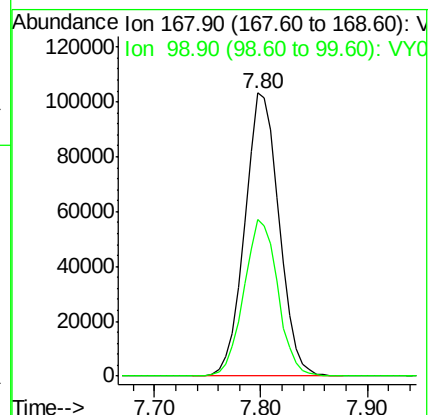
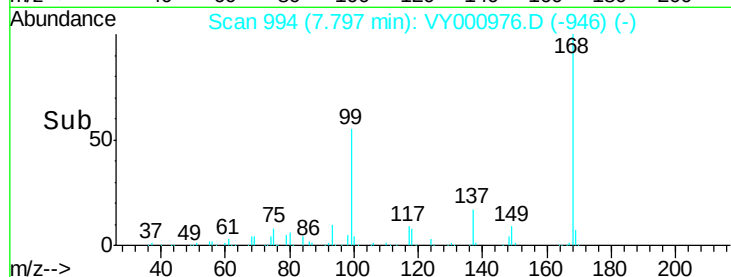
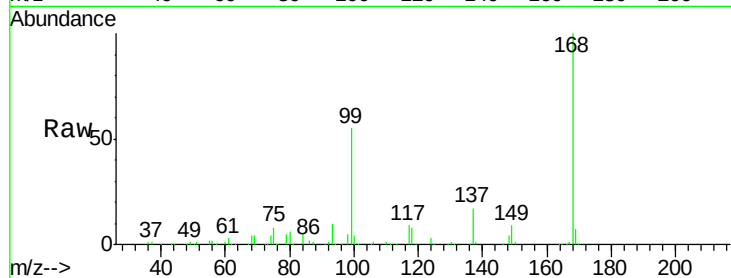
SHORE-RD-BH-02

Tot Ion:168 Resp: 233300

Ion Ratio Lower Upper

168 100

99 55.2 45.0 67.6



#16

Acetone

Concen: 8.365 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000976.D

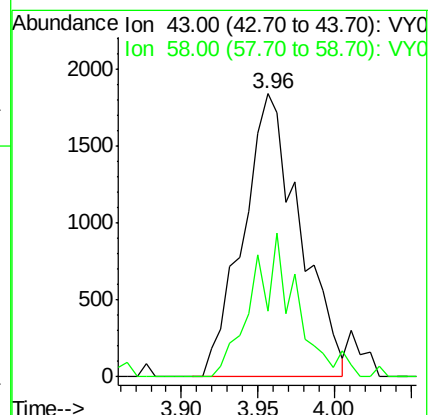
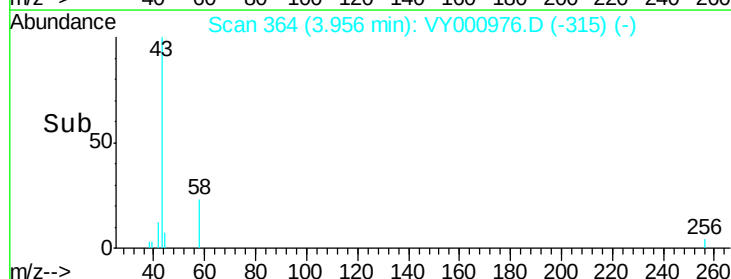
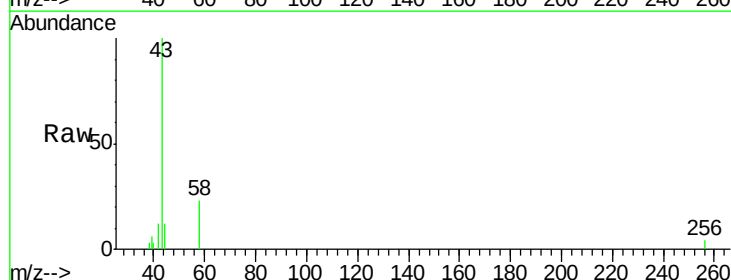
Acq: 17 Dec 2019 14:21

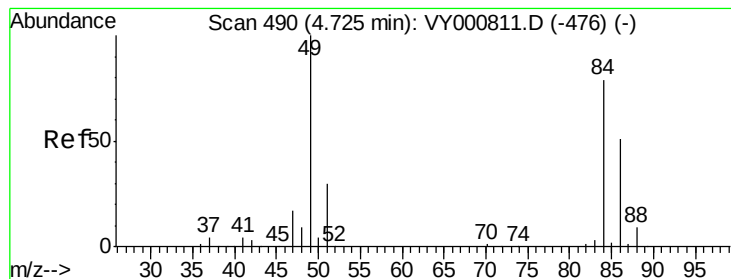
Tgt Ion: 43 Resp: 4757

Ion Ratio Lower Upper

43 100

58 23.3 28.0 42.0#





#20

Methylene Chloride

Concen: 3.657 ug/l

RT: 4.72 min Scan# 490

Delta R.T. -0.00 min

Lab File: VY000976.D

Acq: 17 Dec 2019 14:21

Instrument :

MSVOA_Y

ClientSampleId :

SHORE-RD-BH-02

Tot Ion: 84 Resp: 10963

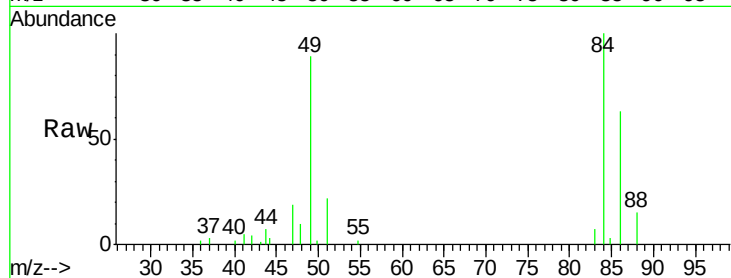
Ion Ratio Lower Upper

84 100

49 89.1 101.3 151.9#

51 21.7 30.6 45.8#

86 62.8 51.3 76.9

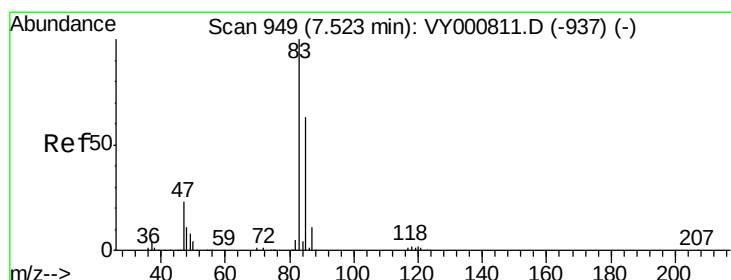
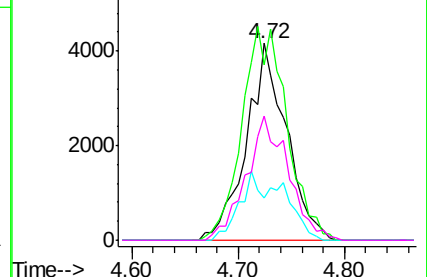
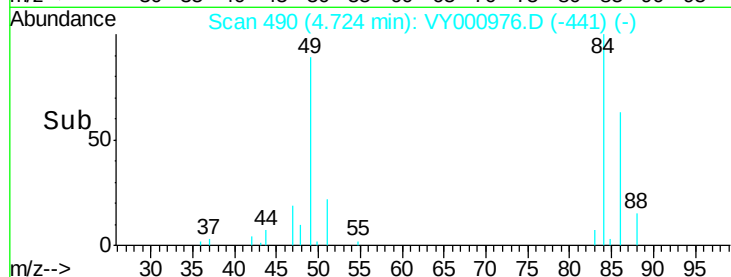


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#30

Chloroform

Concen: 2.855 ug/l

RT: 7.52 min Scan# 949

Delta R.T. -0.00 min

Lab File: VY000976.D

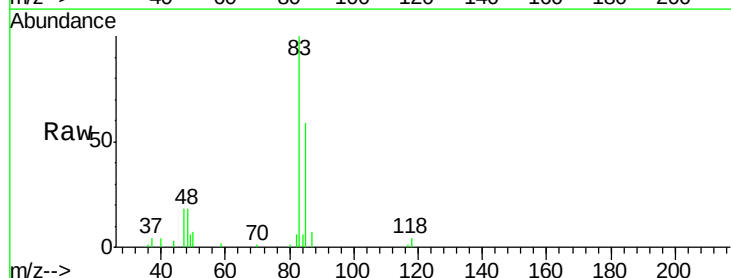
Acq: 17 Dec 2019 14:21

Tgt Ion: 83 Resp: 14229

Ion Ratio Lower Upper

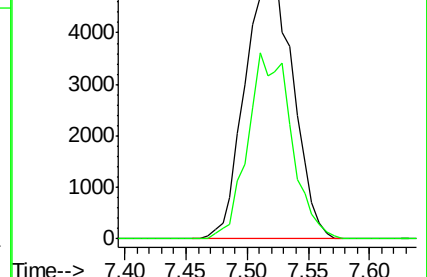
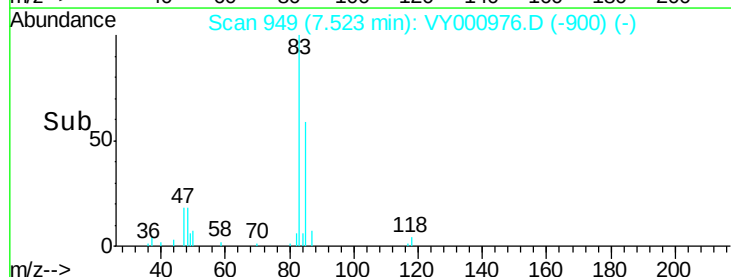
83 100

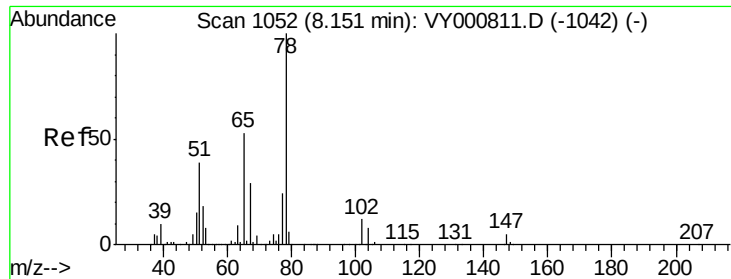
85 59.1 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

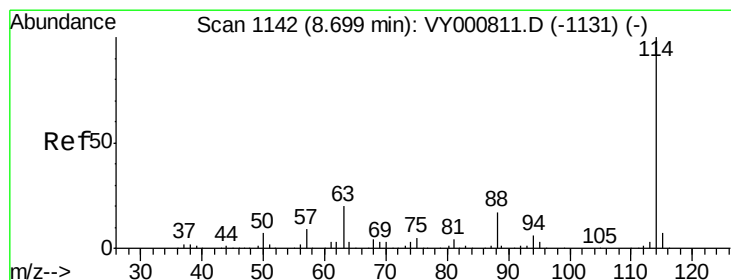
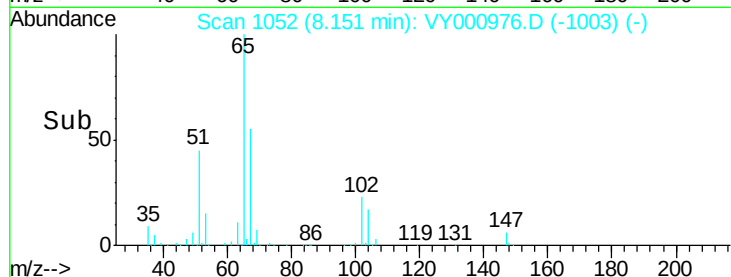
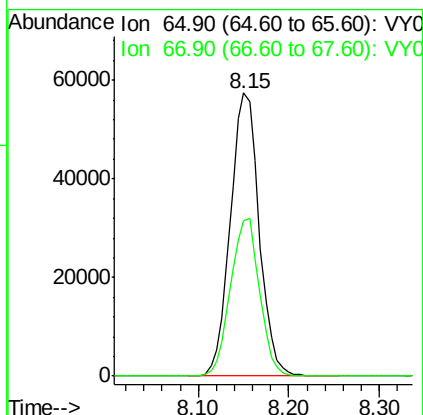
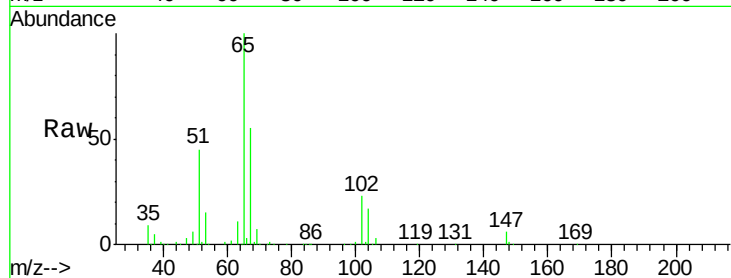




#33
 1,2-Dichloroethane-d4
 Concen: 51.058 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000976.D
 Acq: 17 Dec 2019 14:21

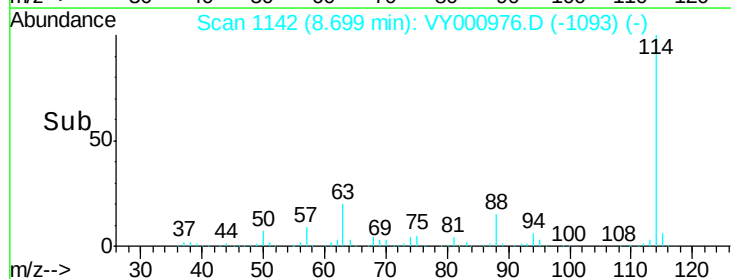
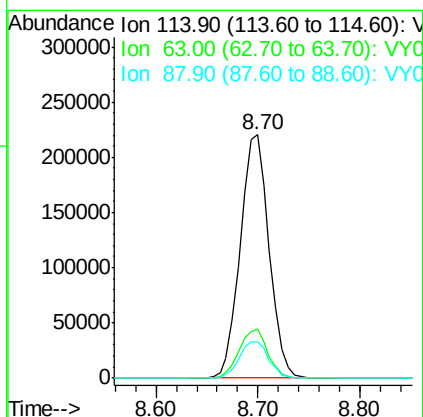
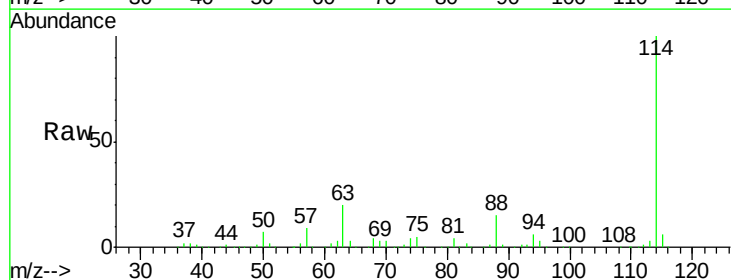
Instrument :
 MSVOA_Y
 ClientSampleId :
 SHORE-RD-BH-02

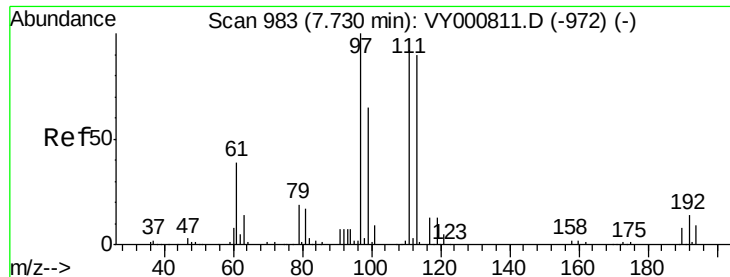
Tot Ion: 65 Resp: 126573
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000976.D
 Acq: 17 Dec 2019 14:21

Tgt Ion: 114 Resp: 430401
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 14.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.183 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000976.D

Acq: 17 Dec 2019 14:21

Instrument :

MSVOA_Y

ClientSampleId :

SHORE-RD-BH-02

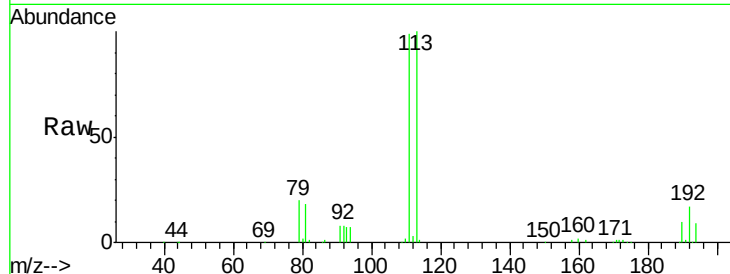
Tot Ion:113 Resp: 125878

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

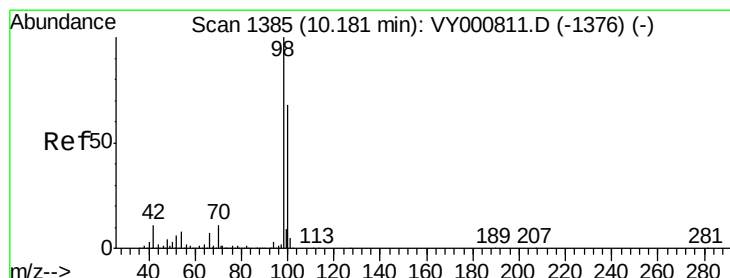
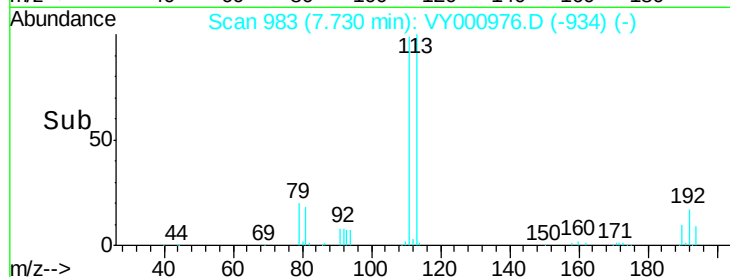
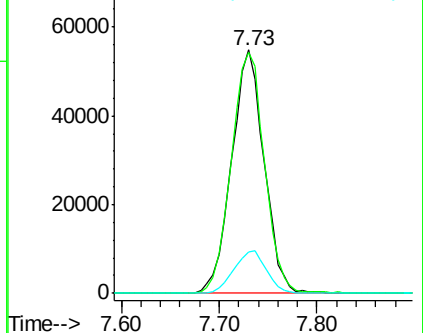
192 17.6 14.2 21.2



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: 50.990 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000976.D

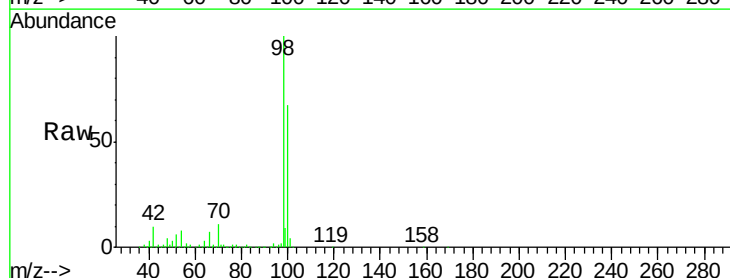
Acq: 17 Dec 2019 14:21

Tgt Ion: 98 Resp: 511350

Ion Ratio Lower Upper

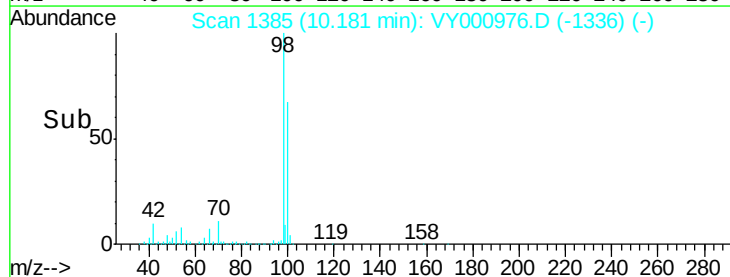
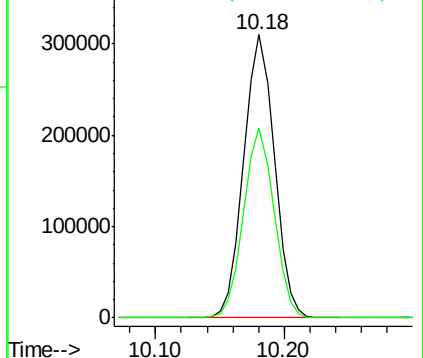
98 100

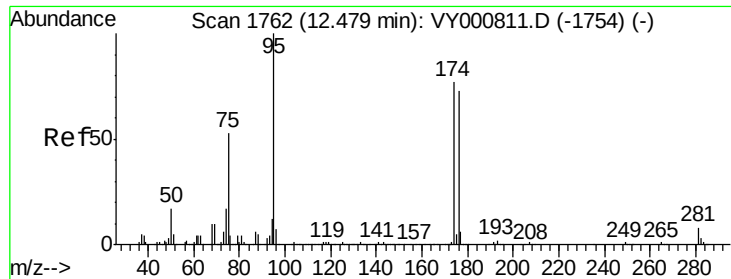
100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

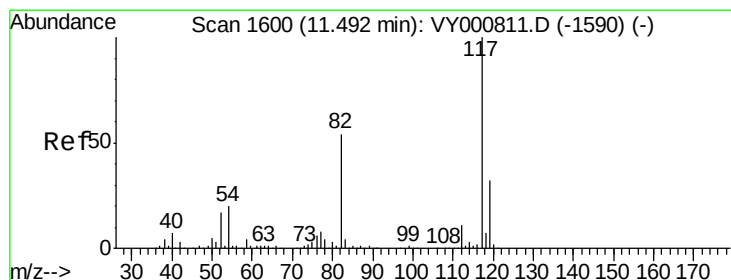
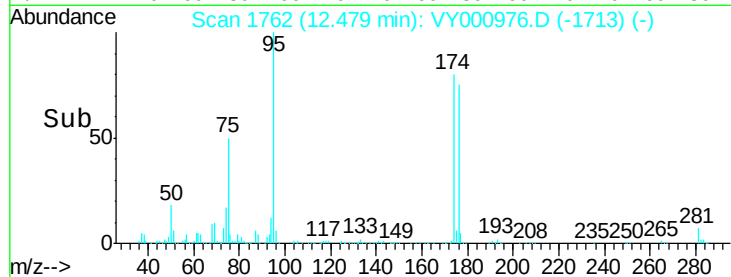
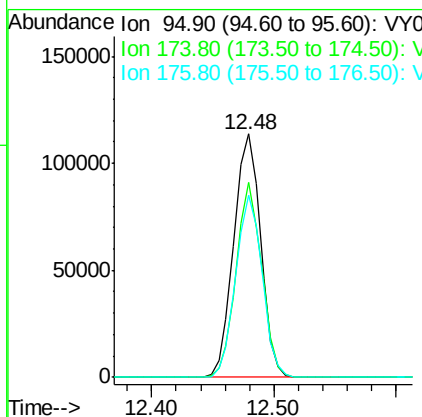
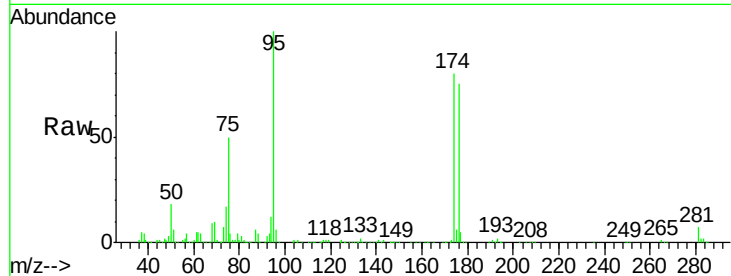




#62
4-Bromofluorobenzene
Concen: 45.876 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000976.D
Acq: 17 Dec 2019 14:21

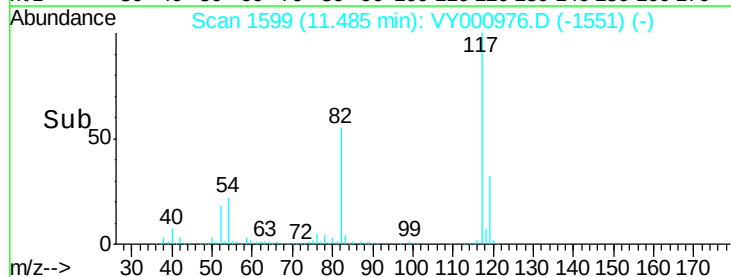
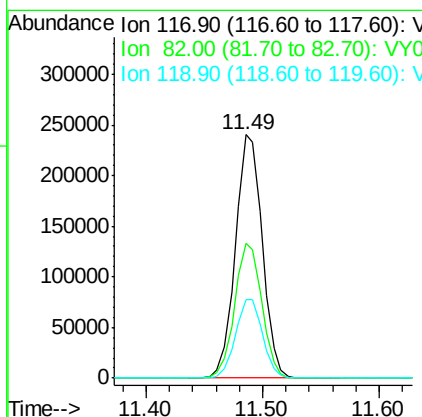
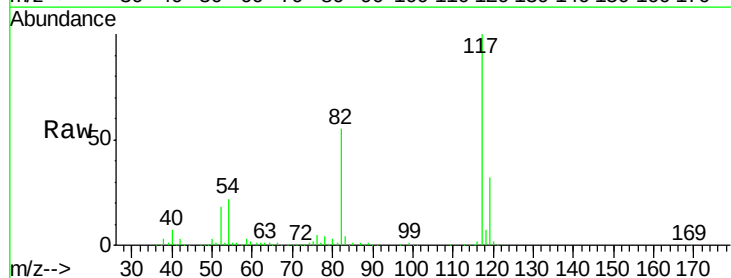
Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-BH-02

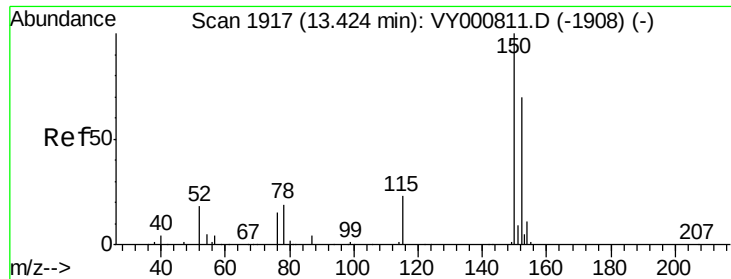
Tot Ion: 95 Resp: 172776
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.6
176 73.4 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000976.D
Acq: 17 Dec 2019 14:21

Tgt Ion: 117 Resp: 385970
Ion Ratio Lower Upper
117 100
82 55.4 43.1 64.7
119 32.3 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: VY000976.D

Acq: 17 Dec 2019 14:21

Instrument :

MSVOA_Y

ClientSampleId :

SHORE-RD-BH-02

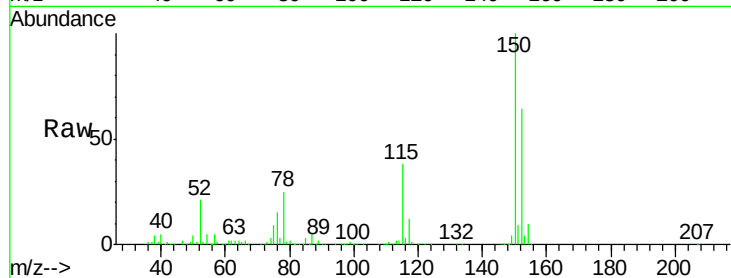
Tot Ion:152 Resp: 173943

Ion Ratio Lower Upper

152 100

115 59.2 29.3 87.8

150 155.2 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

