

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 05:51:00 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	126573	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
35) Dibromofluoromethane	7.73	113	125878	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
50) Toluene-d8	10.18	98	511350	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.48	95	172776	45.88	ug/l	0.00
Spiked Amount			Recovery	=	91.76%	

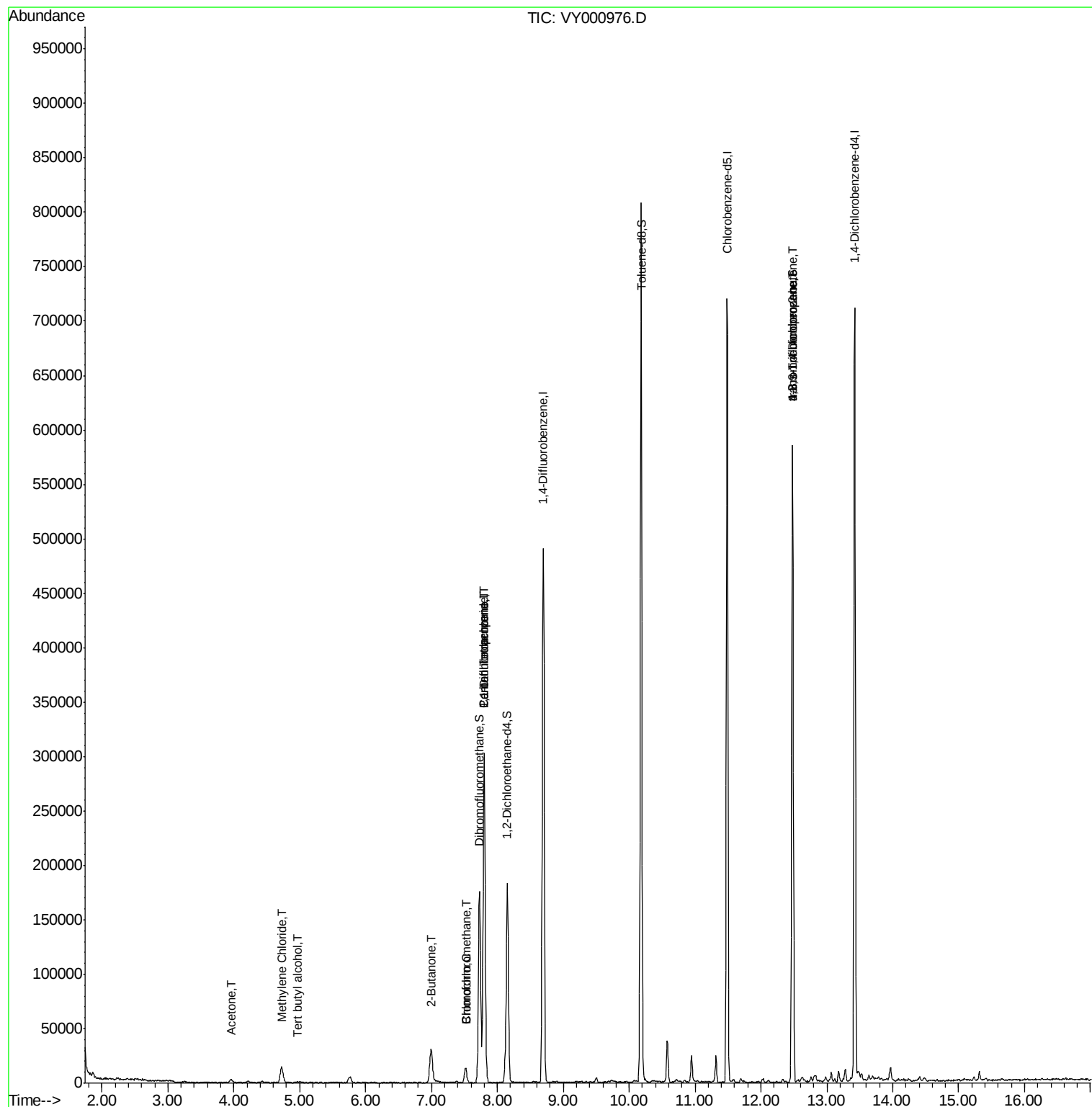
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.63	94	54	Below Cal	#	77
11) Tert butyl alcohol	4.97	59	810	3.248	ug/l #	83
16) Acetone	3.96	43	4757	8.365	ug/l #	80
20) Methylene Chloride	4.72	84	10963	3.657	ug/l #	77
25) 2-Butanone	7.00	43	2967	2.824	ug/l #	75
28) Bromochloromethane	7.53	49	1051	2.569	ug/l #	15
30) Chloroform	7.52	83	14229	2.855	ug/l	95
36) 1,1-Dichloropropene	7.80	75	18485	4.319	ug/l #	50
38) Carbon Tetrachloride	7.80	117	21353	5.603	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	87150	44.222	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87150	86.864	ug/l #	18

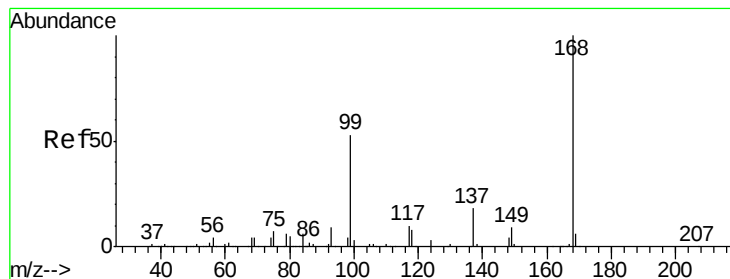
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY121719\
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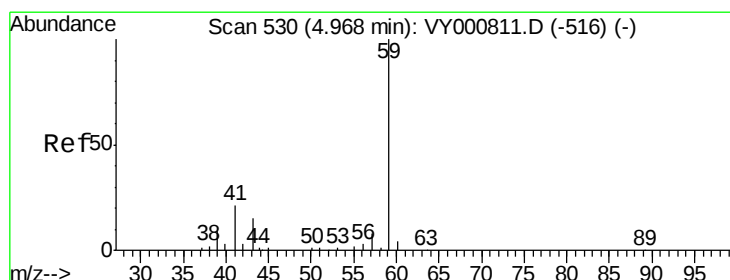
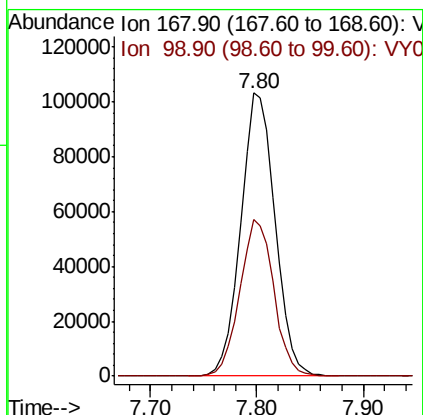
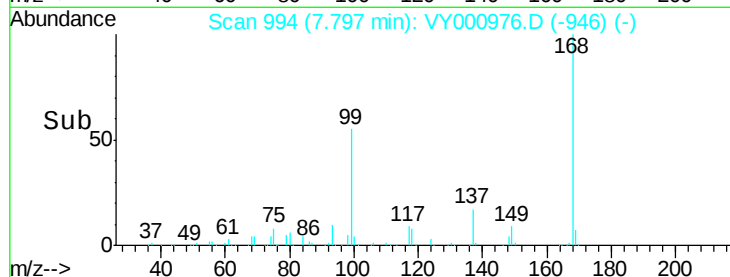
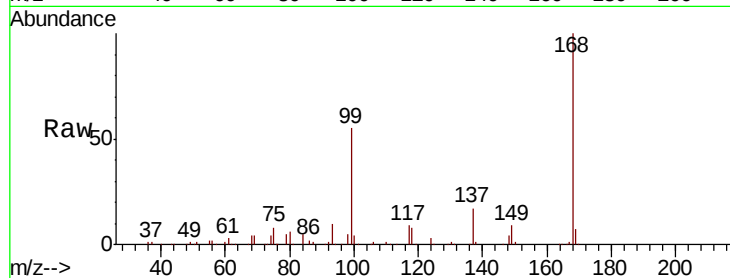




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000976.D
Acq: 17 Dec 2019 14:21

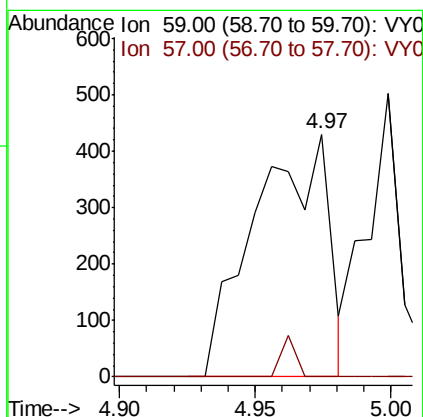
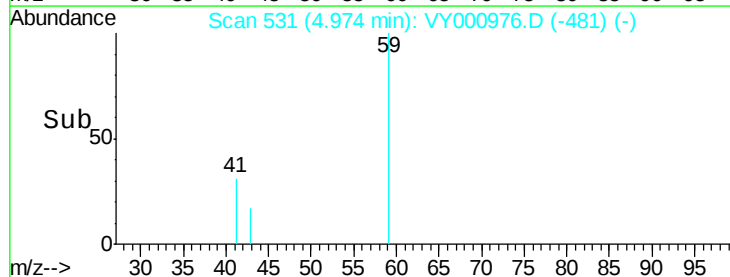
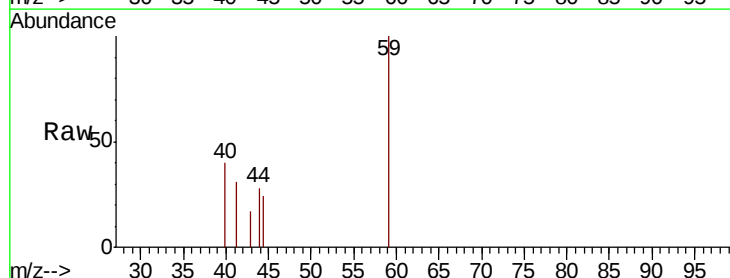
Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-BH-02

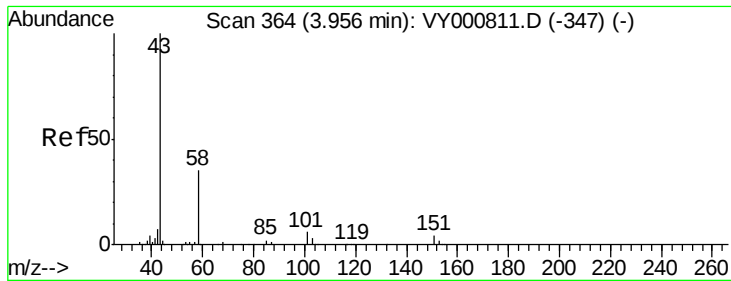
Tgt Ion: 168 Resp: 233300
Ion Ratio Lower Upper
168 100
99 55.2 45.0 67.6



#11
Tert butyl alcohol
Concen: 3.248 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY000976.D
Acq: 17 Dec 2019 14:21

Tgt Ion: 59 Resp: 810
Ion Ratio Lower Upper
59 100
57 3.3 7.8 11.6#





#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

Instrument :

MSVOA_Y

ClientSampleId :

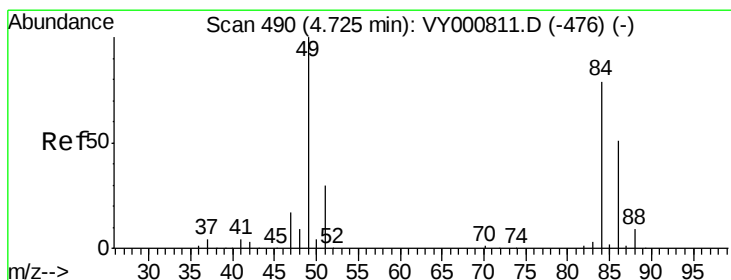
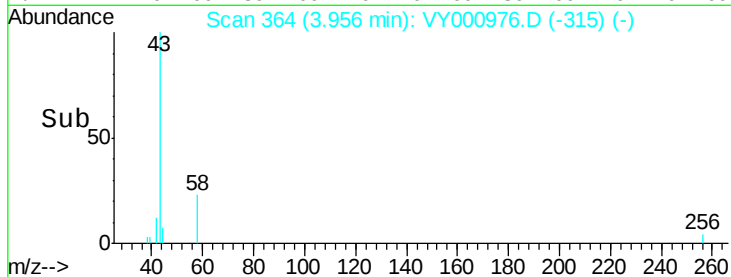
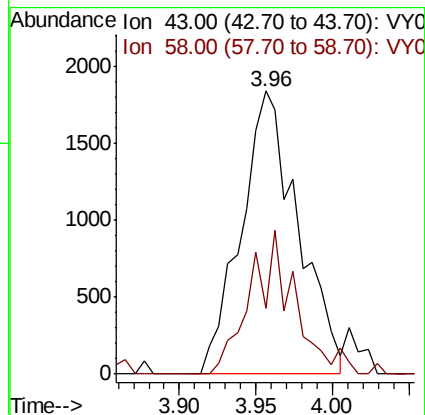
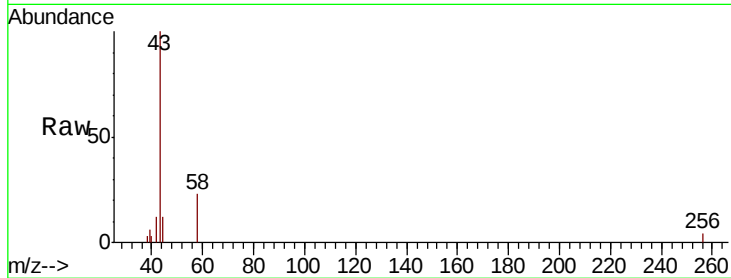
SHORE-RD-BH-02

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

Tgt Ion: 84 Resp: 10963

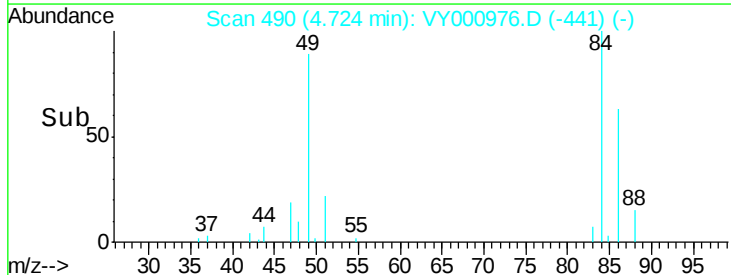
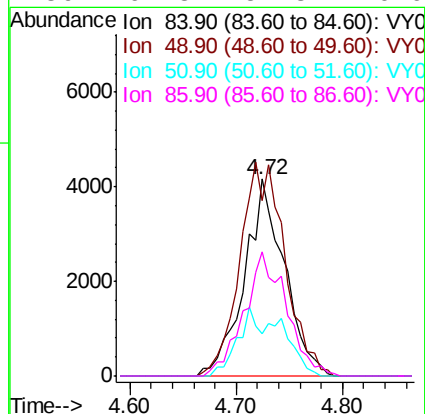
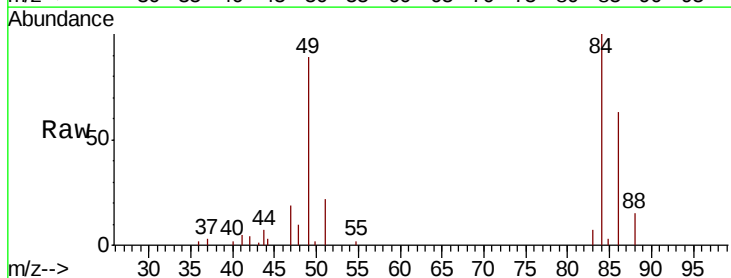
Ion Ratio Lower Upper

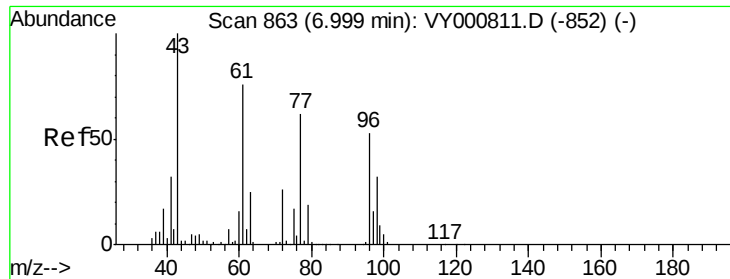
84 100

49 89.1 101.3 151.9#

51 21.7 30.6 45.8#

86 62.8 51.3 76.9

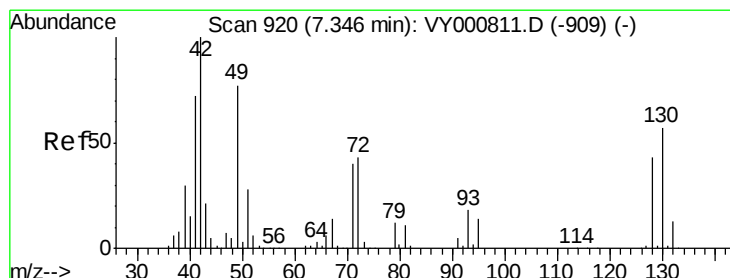
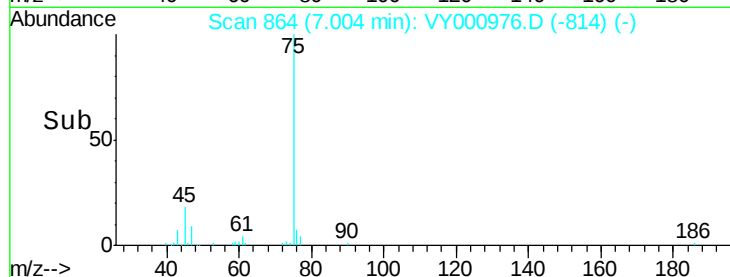
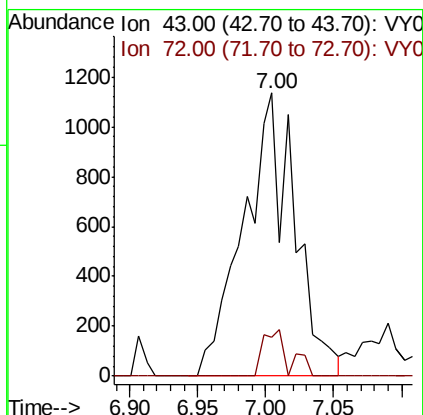
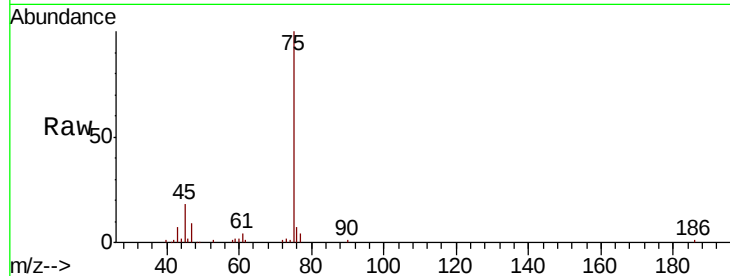




#25
2-Butanone
Concen: 2.824 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY000976.D
Acq: 17 Dec 2019 14:21

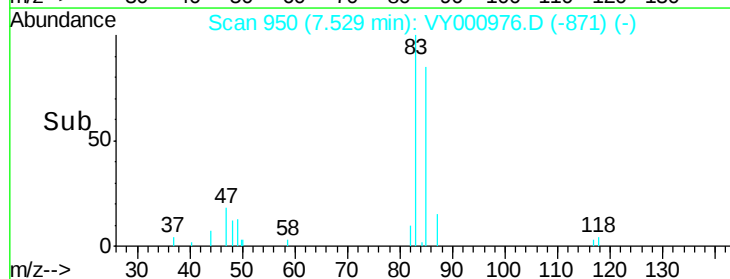
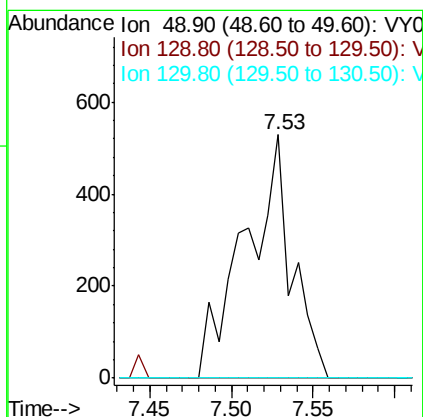
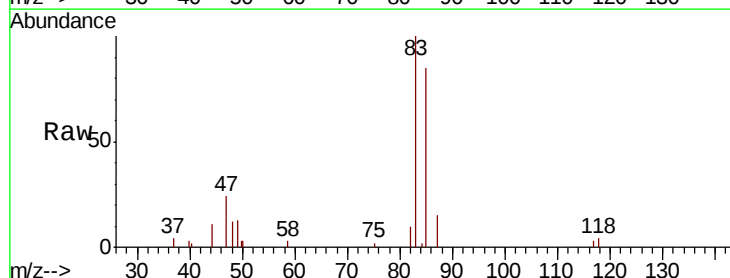
Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-BH-02

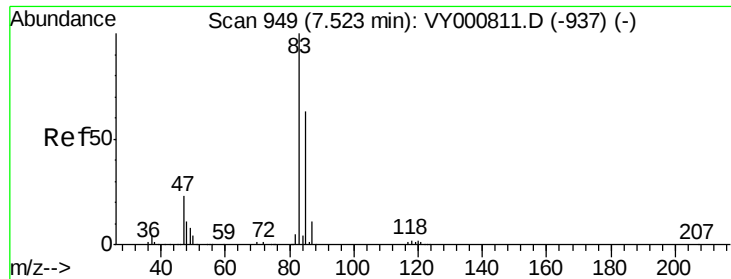
Tgt Ion: 43 Resp: 2967
Ion Ratio Lower Upper
43 100
72 13.6 21.0 31.4#



#28
Bromochloromethane
Concen: 2.569 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.18 min
Lab File: VY000976.D
Acq: 17 Dec 2019 14:21

Tgt Ion: 49 Resp: 1051
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 58.7 88.1#

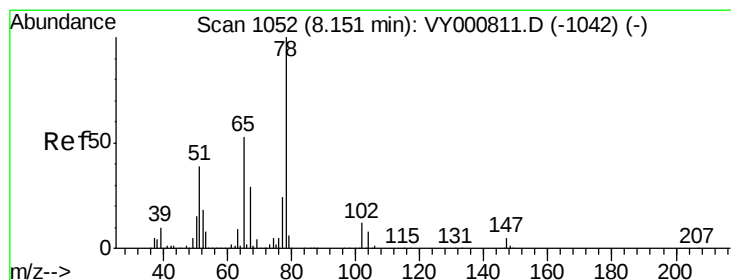
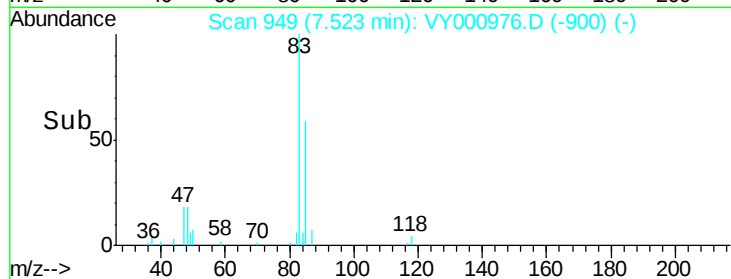
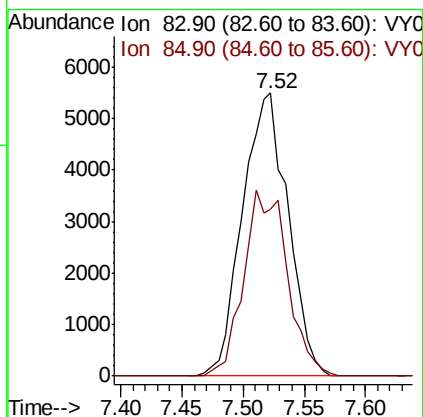
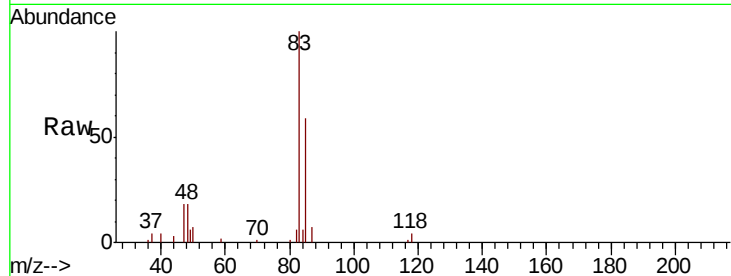




#30
Chloroform
Concen: 2.855 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000976.D
Acq: 17 Dec 2019 14:21

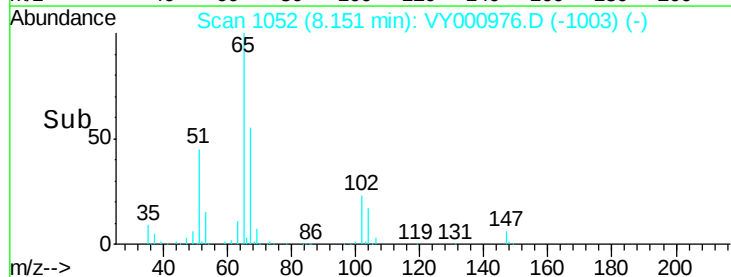
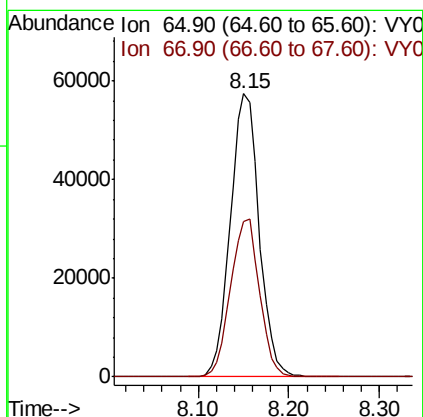
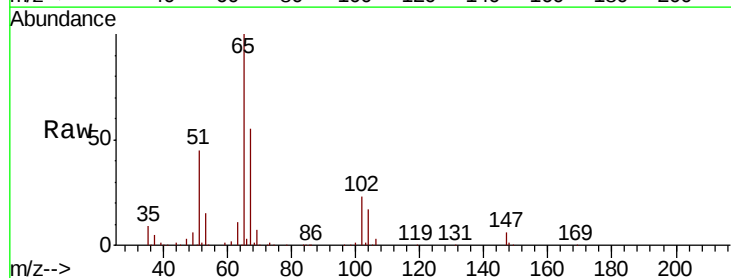
Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-BH-02

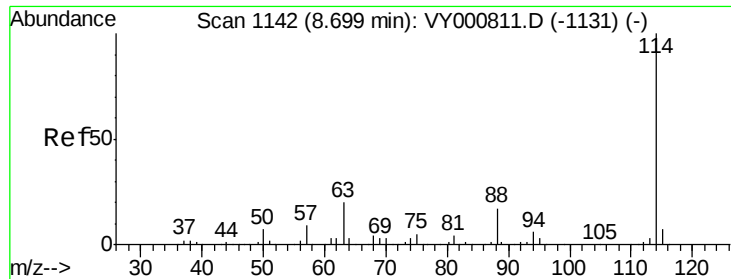
Tgt Ion: 83 Resp: 14229
Ion Ratio Lower Upper
83 100
85 59.1 50.4 75.6



#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

Tgt 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

Instrument :

MSVOA_Y

ClientSampleId :

SHORE-RD-BH-02

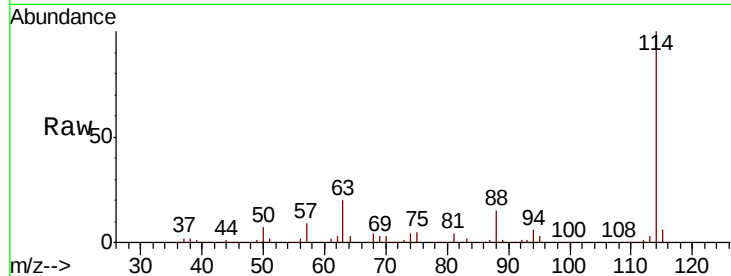
Tgt Ion:114 Resp: 430401

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

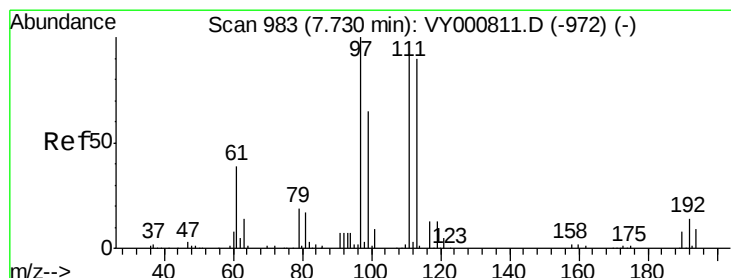
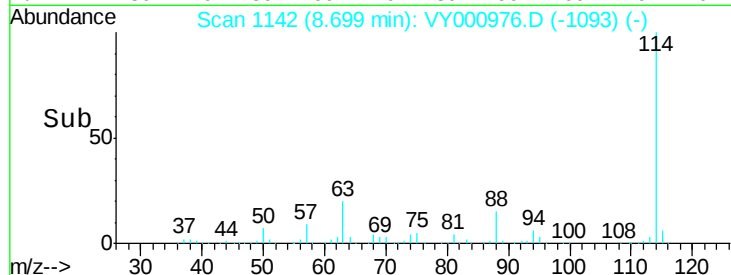
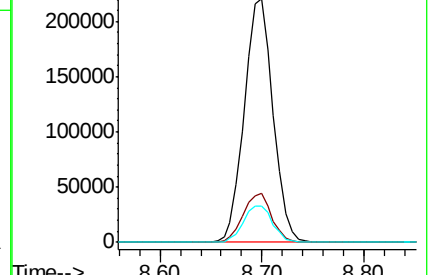
88 14.6 0.0 33.2



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: 50.183 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000976.D

Acq: 17 Dec 2019 14:21

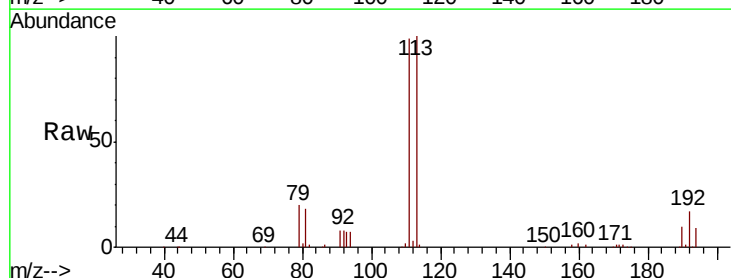
Tgt Ion:113 Resp: 125878

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

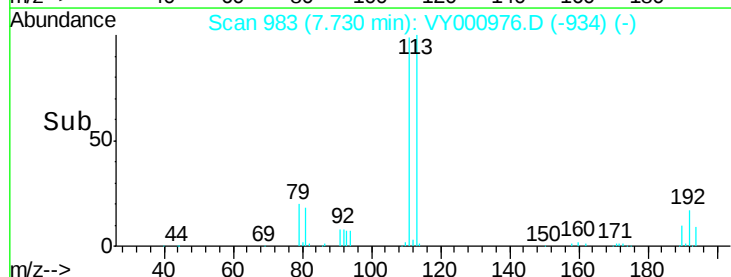
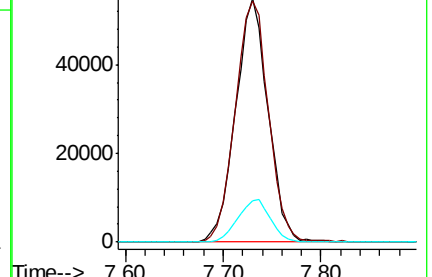
192 17.6 14.2 21.2

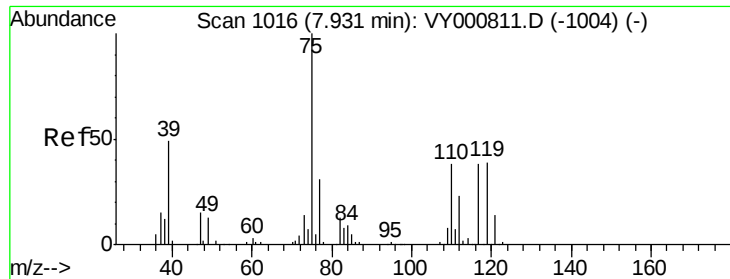


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

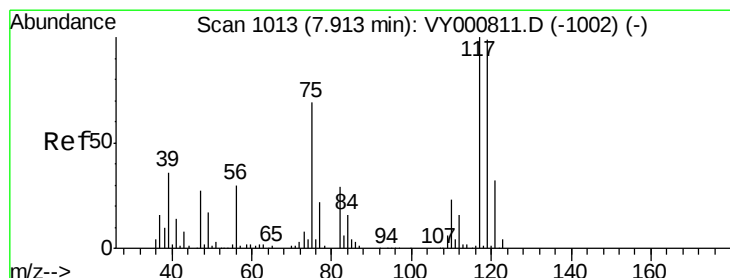
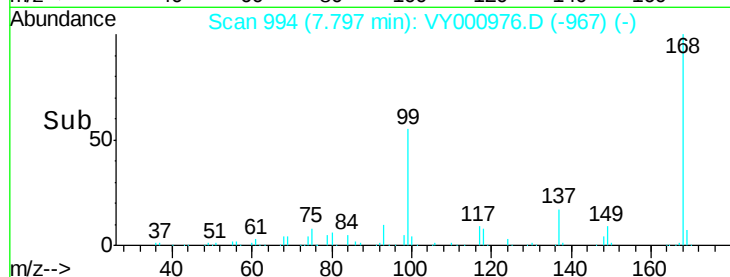
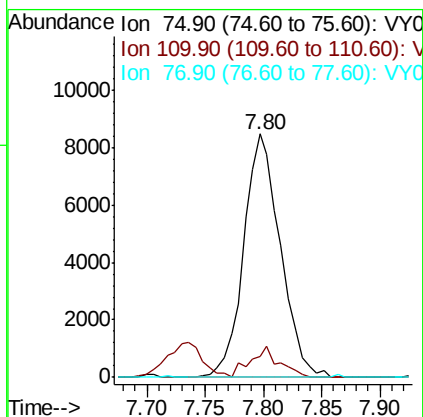
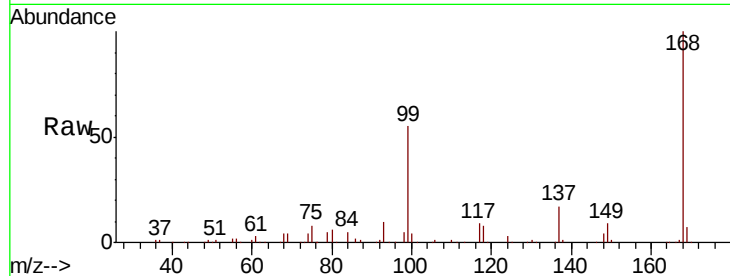




#36
 1,1-Dichloropropene
 Concen: 4.319 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000976.D
 Acq: 17 Dec 2019 14:21

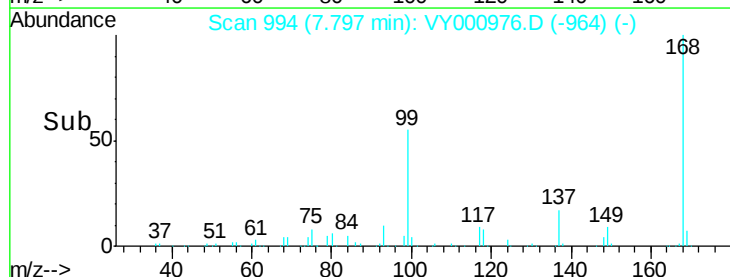
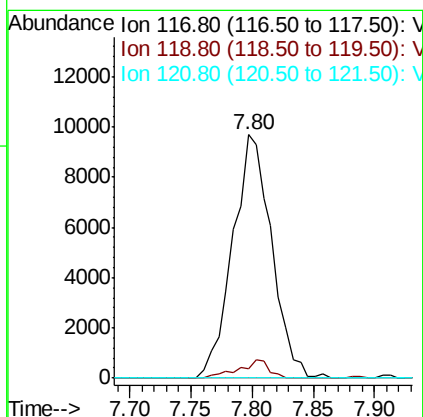
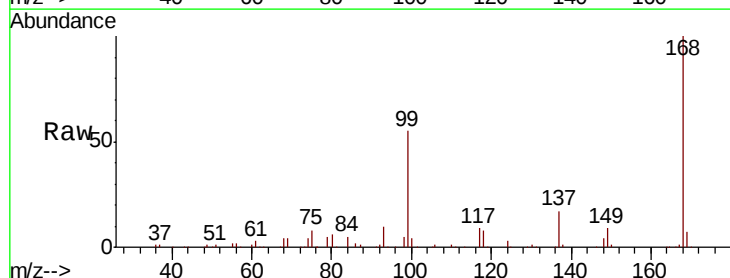
Instrument :
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 SHORE-RD-BH-02

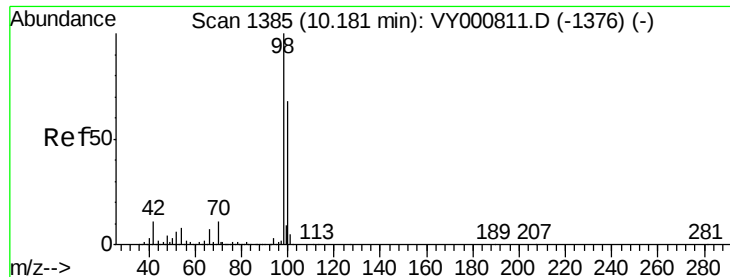
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.9	53.7#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.603 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000976.D
 Acq: 17 Dec 2019 14:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.8	79.3	118.9#
121	0.0	25.5	38.3#





#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

Instrument :

MSVOA_Y

ClientSampleId :

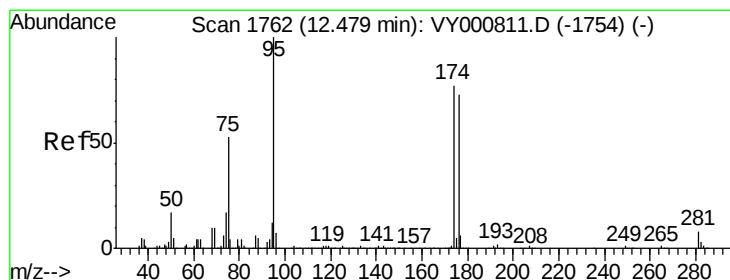
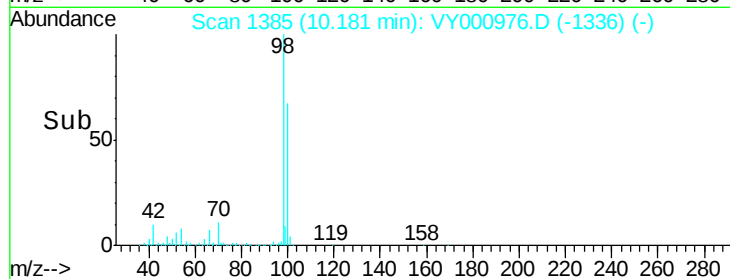
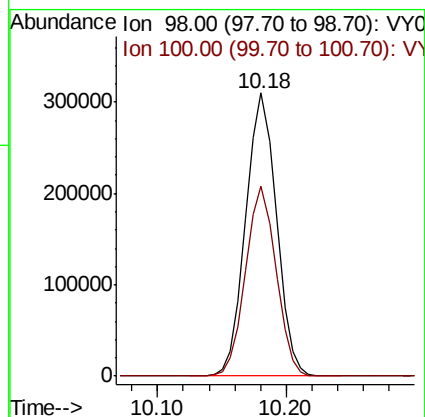
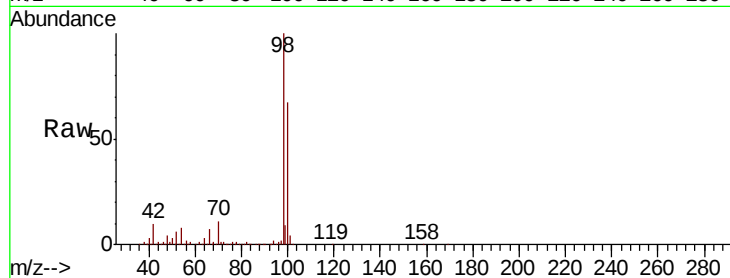
SHORE-RD-BH-02

Tgt Ion: 98 Resp: 511350

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



#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

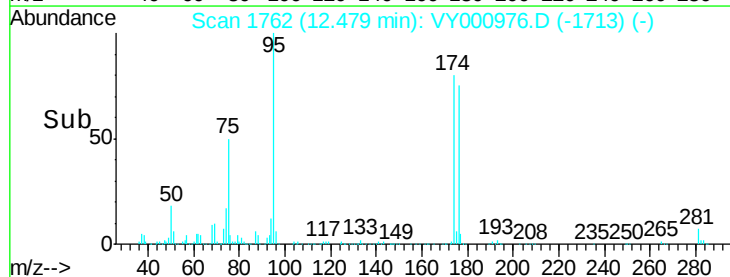
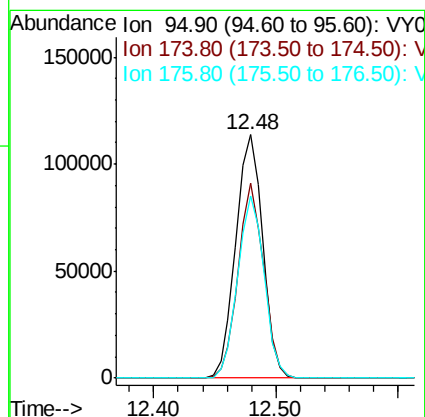
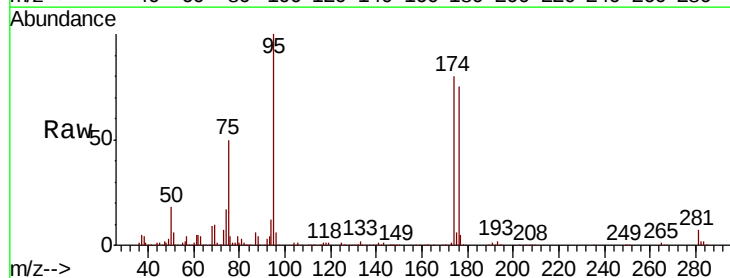
Tgt Ion: 95 Resp: 172776

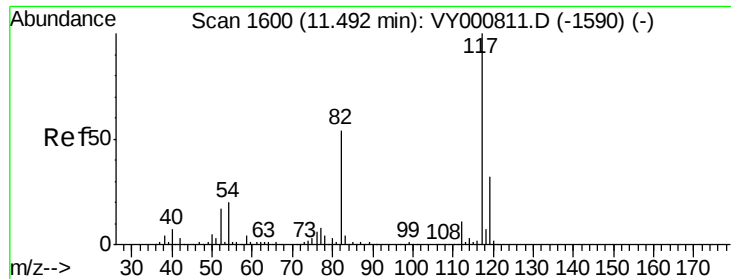
Ion Ratio Lower Upper

95 100

174 76.2 0.0 150.6

176 73.4 0.0 145.2

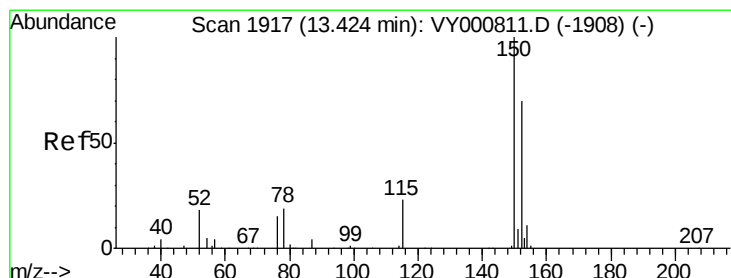
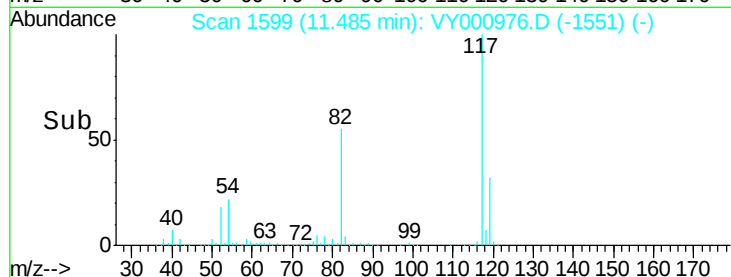
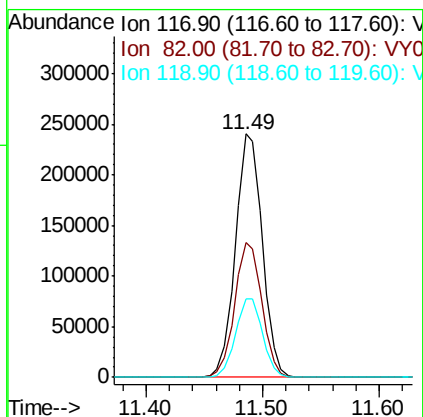
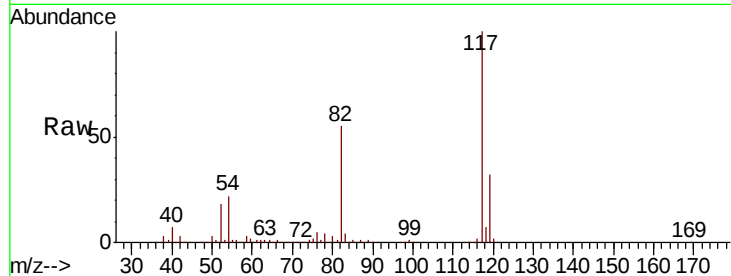




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000976.D
Acq: 17 Dec 2019 14:21

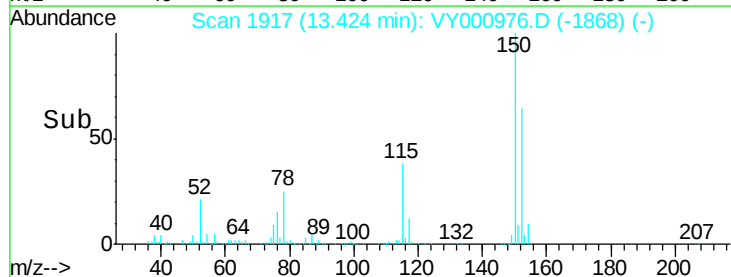
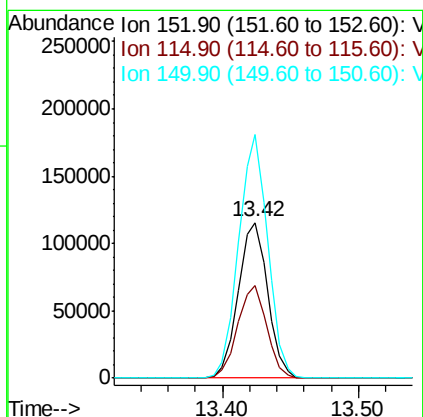
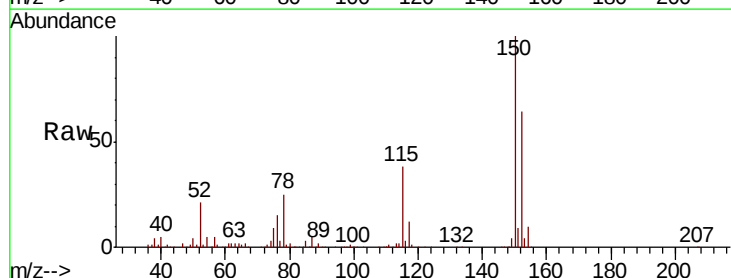
Instrument :
MSVOA_Y
ClientSampleId :
SHORE-RD-BH-02

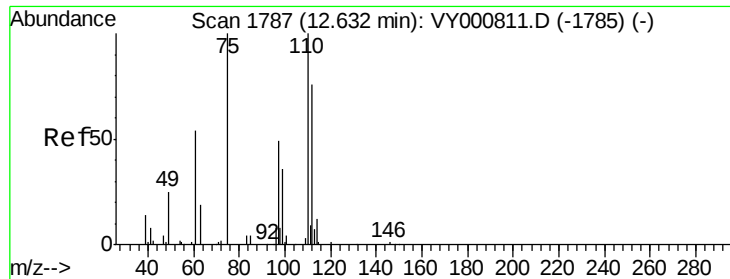
Tgt Ion:117 Resp: 385970
Ion Ratio Lower Upper
117 100
82 55.4 43.1 64.7
119 32.3 25.3 37.9



#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

Tgt Ion:152 Resp: 173943
Ion Ratio Lower Upper
152 100
115 59.2 29.3 87.8
150 155.2 0.0 351.2





#76

1,2,3-Trichloropropane

Concen: 44.222 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000976.D

Acq: 17 Dec 2019 14:21

Instrument :

MSVOA_Y

ClientSampleId :

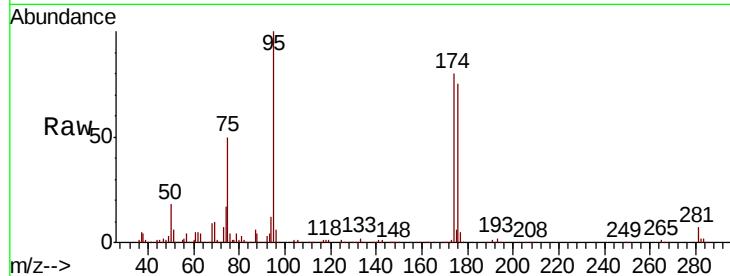
SHORE-RD-BH-02

Tgt Ion: 75 Resp: 87150

Ion Ratio Lower Upper

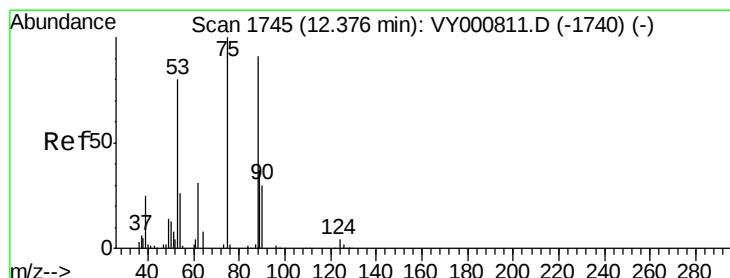
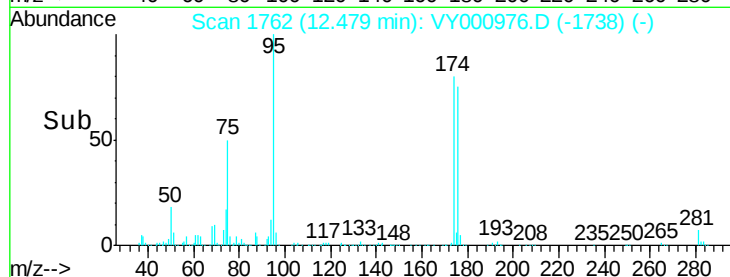
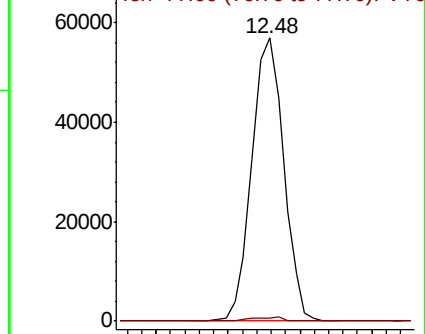
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 86.864 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000976.D

Acq: 17 Dec 2019 14:21

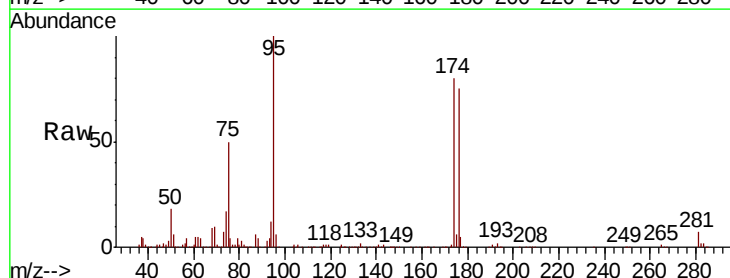
Tgt Ion: 75 Resp: 87150

Ion Ratio Lower Upper

75 100

53 0.1 64.6 96.8#

89 0.2 33.6 50.4#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

