

Data File : VY000863.D
Acq On : 04 Dec 2019 15:03
Operator : SY/MD
Sample : K6119-06RE
Misc : 4.48G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(8-10)

Quant Time: Dec 05 07:55:15 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	221687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	422190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	385598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	176004	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	138966	58.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.98%	
35) Dibromofluoromethane	7.73	113	123010	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.18	98	511027	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.48	95	172882	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	

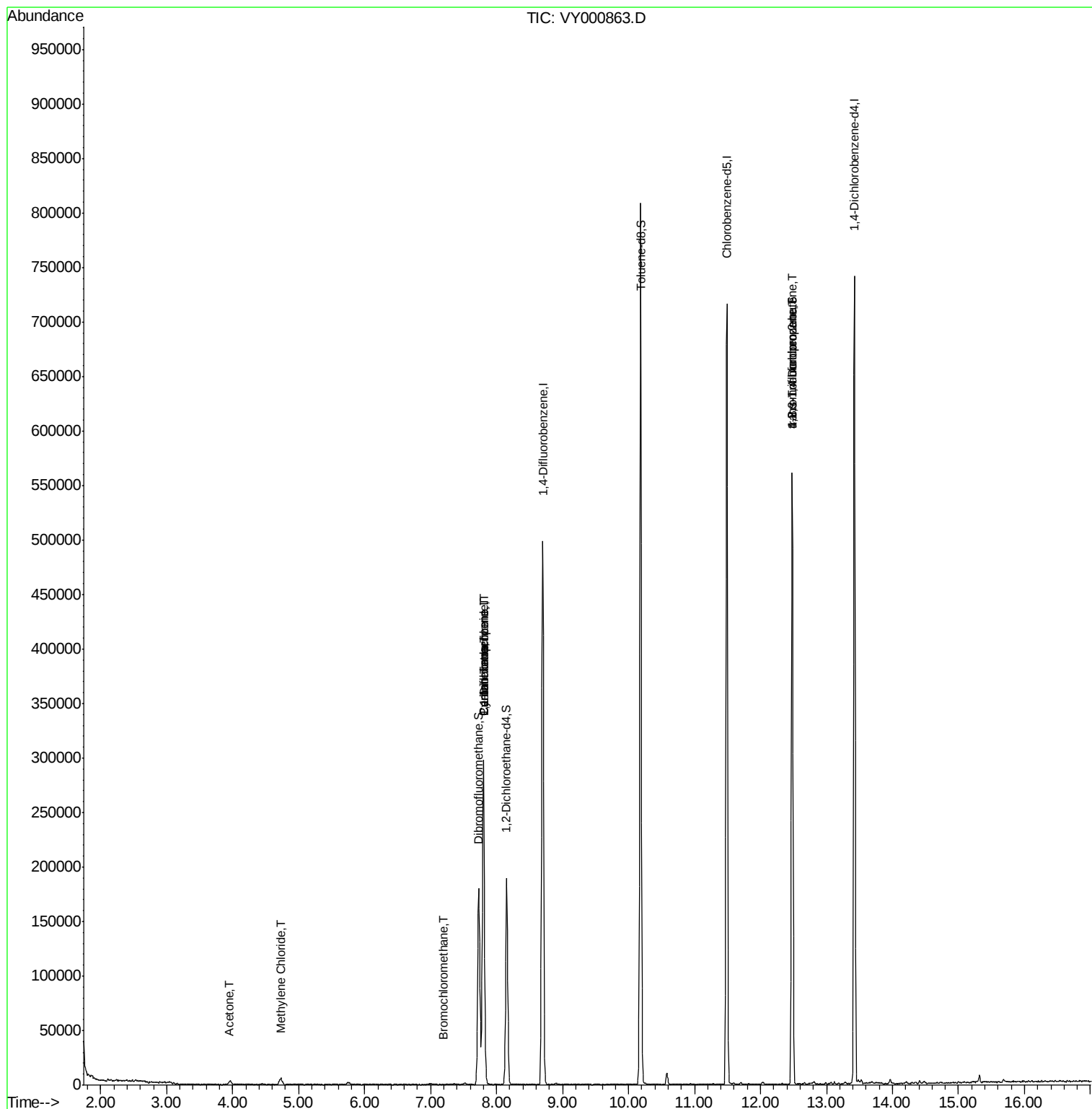
Target Compounds			Qvalue			
5) Bromomethane	2.60	94	136	Below Cal	#	3
16) Acetone	3.95	43	5879	10.879	ug/l #	73
20) Methylene Chloride	4.73	84	4278	1.502	ug/l #	87
28) Bromochloromethane	7.20	49	25	2.029	ug/l #	15
31) Cyclohexane	7.81	56	5371	1.074	ug/l #	35
36) 1,1-Dichloropropene	7.80	75	19199	4.574	ug/l #	50
38) Carbon Tetrachloride	7.80	117	21708	5.807	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	89760	45.013	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	89760	88.418	ug/l #	17

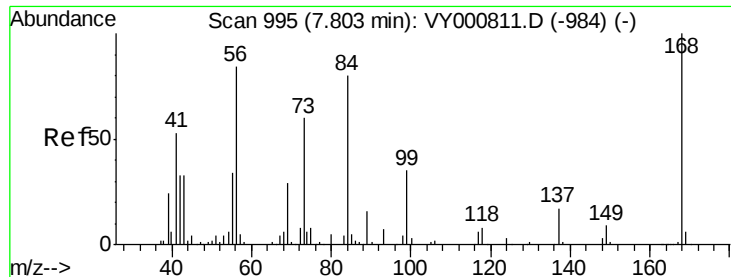
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000863.D

Acq: 04 Dec 2019 15:03

Instrument :

MSVOA_Y

ClientSampleId :

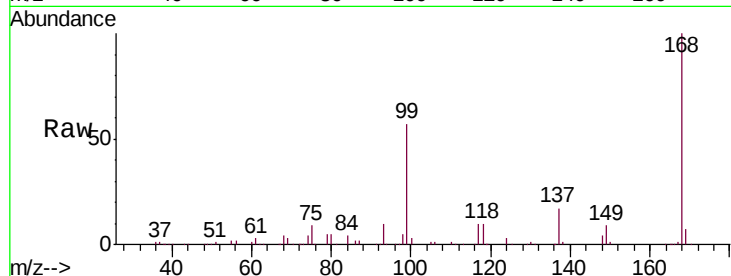
SB-4-(8-10)

Tgt Ion:168 Resp: 221687

Ion Ratio Lower Upper

168 100

99 57.5 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

100000

80000

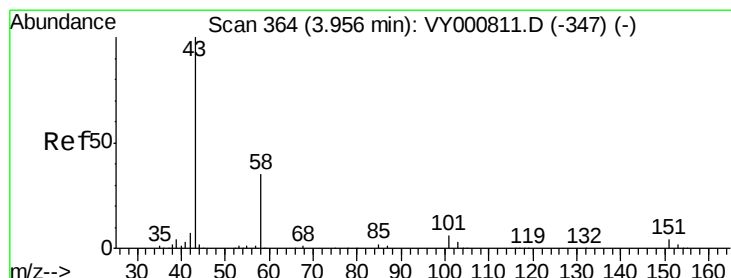
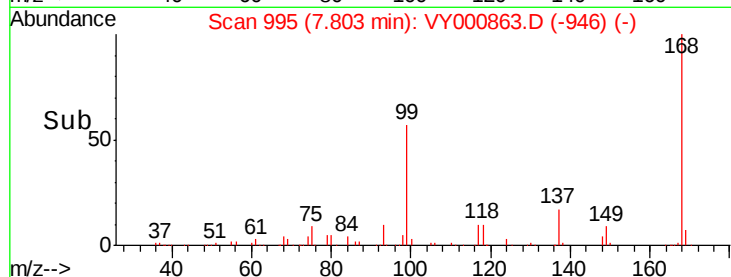
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.879 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000863.D

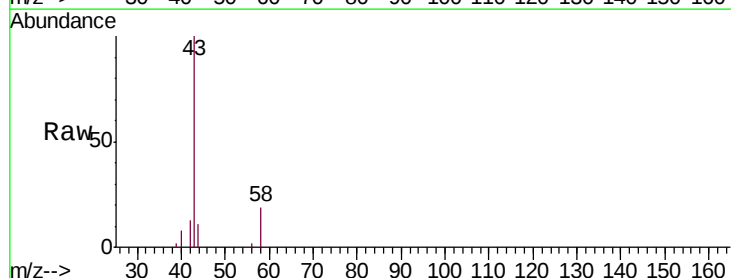
Acq: 04 Dec 2019 15:03

Tgt Ion: 43 Resp: 5879

Ion Ratio Lower Upper

43 100

58 19.3 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-347) (-)

3.95

2500

2000

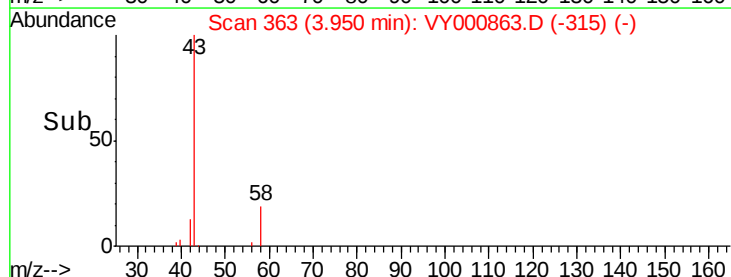
1500

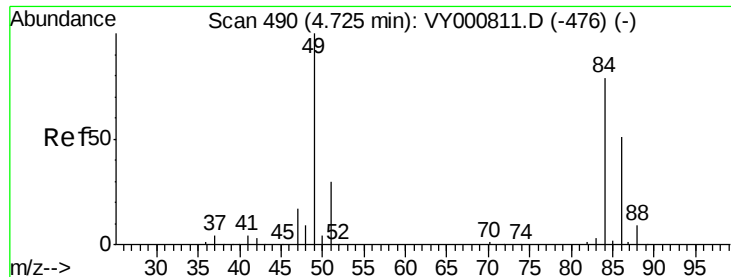
1000

500

0

Time-->

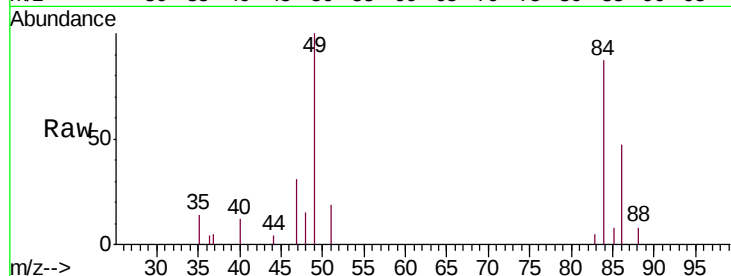




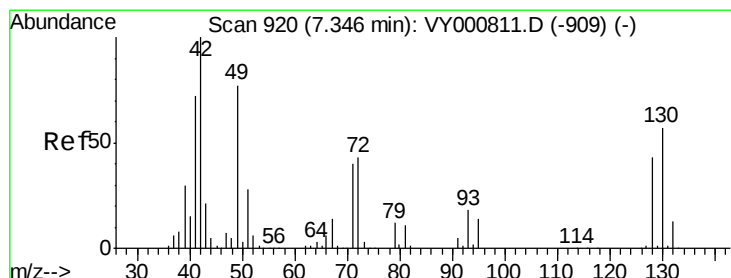
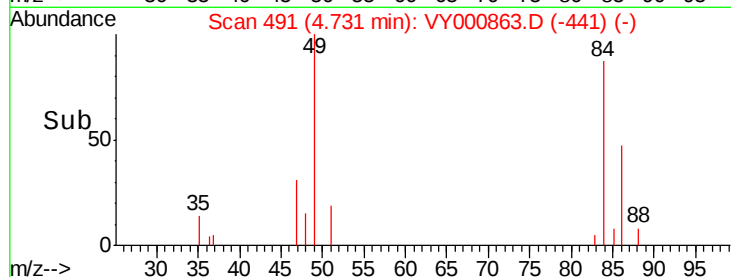
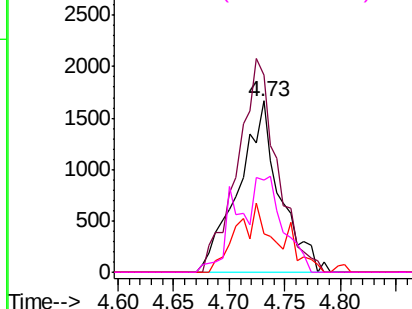
#20
Methylene Chloride
Concen: 1.502 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000863.D
Acq: 04 Dec 2019 15:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(8-10)

Tgt Ion: 84 Resp: 4278
Ion Ratio Lower Upper
84 100
49 115.4 101.3 151.9
51 22.2 30.6 45.8#
86 53.9 51.3 76.9

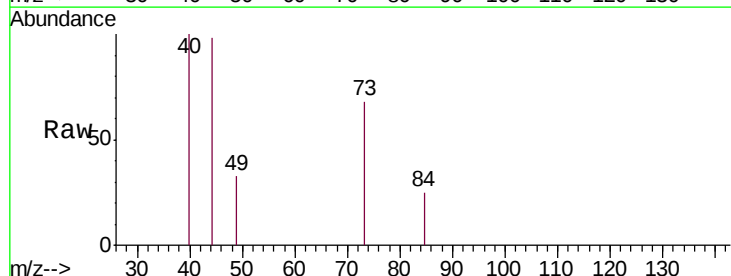


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

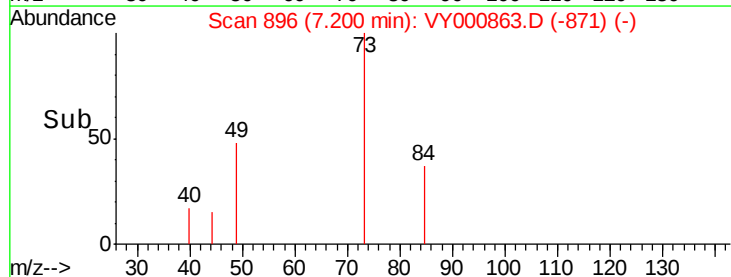
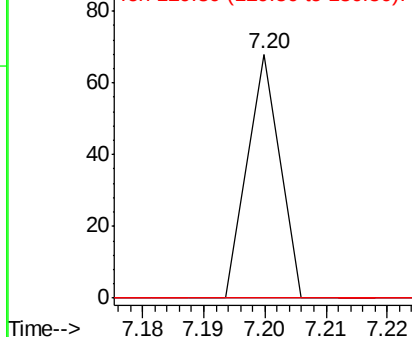


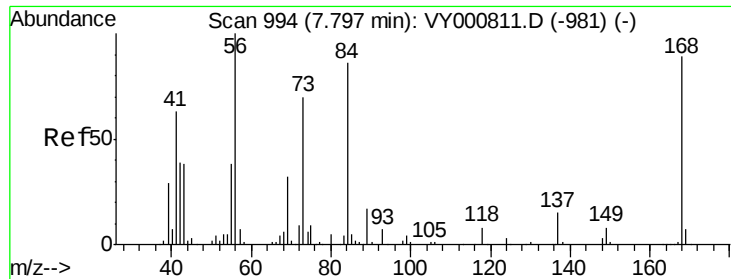
#28
Bromochloromethane
Concen: 2.029 ug/l
RT: 7.20 min Scan# 896
Delta R.T. -0.15 min
Lab File: VY000863.D
Acq: 04 Dec 2019 15:03

Tgt Ion: 49 Resp: 25
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 58.7 88.1#



Abundance Ion 48.90 (48.60 to 49.60): VY0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

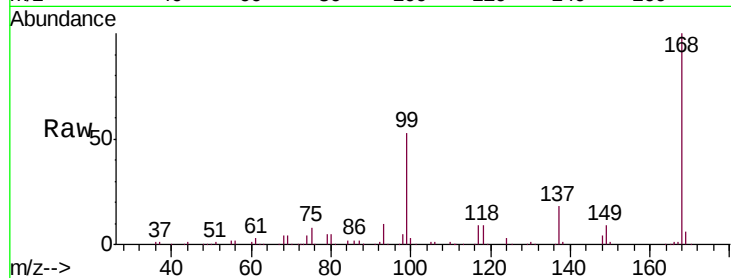




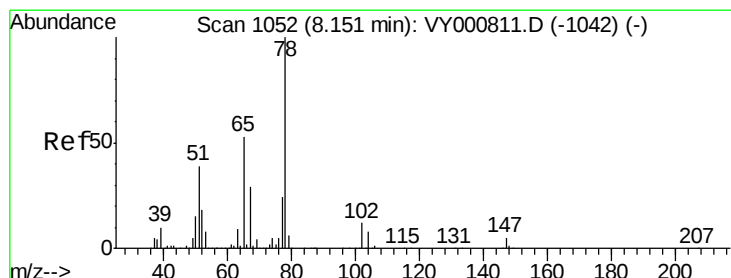
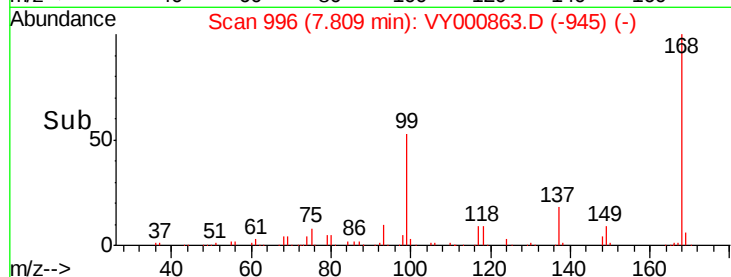
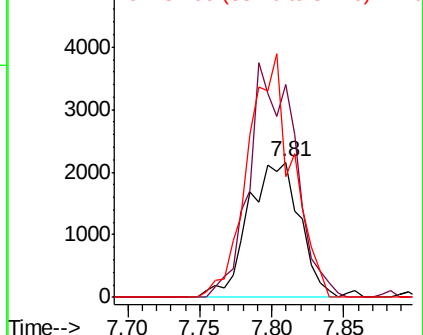
#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.01 min
Lab File: VY000863.D
Acq: 04 Dec 2019 15:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(8-10)

Tgt Ion: 56 Resp: 5371
Ion Ratio Lower Upper
56 100
69 158.0 25.9 38.9#
84 89.7 68.6 102.8

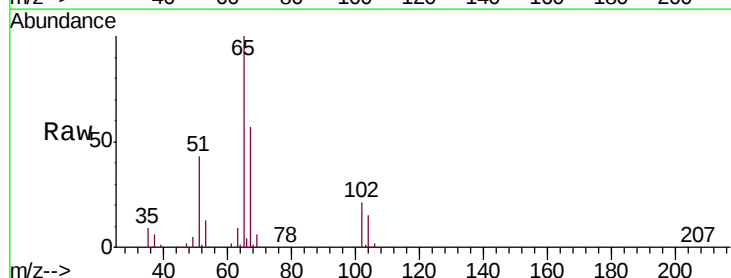


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

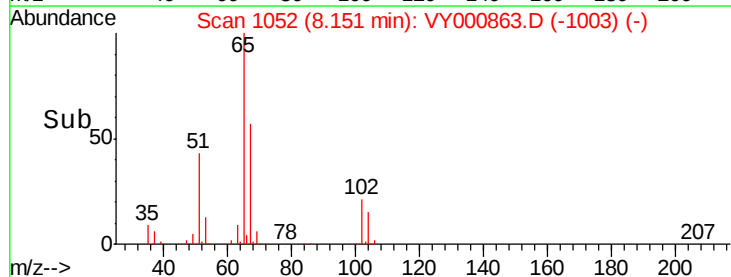
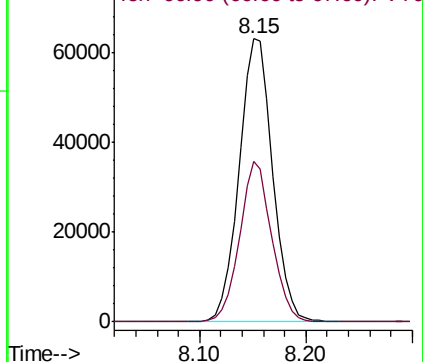


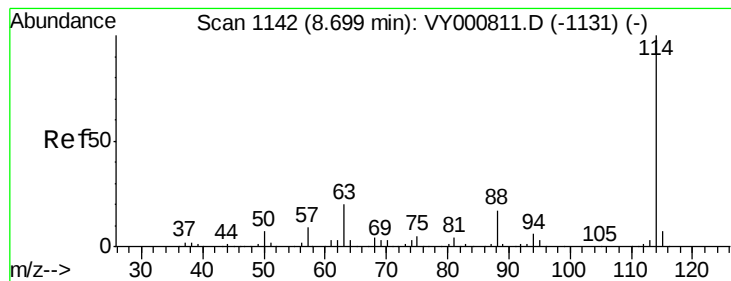
#33
1,2-Dichloroethane-d4
Concen: 58.994 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY000863.D
Acq: 04 Dec 2019 15:03

Tgt Ion: 65 Resp: 138966
Ion Ratio Lower Upper
65 100
67 54.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000863.D

Acq: 04 Dec 2019 15:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-4-(8-10)

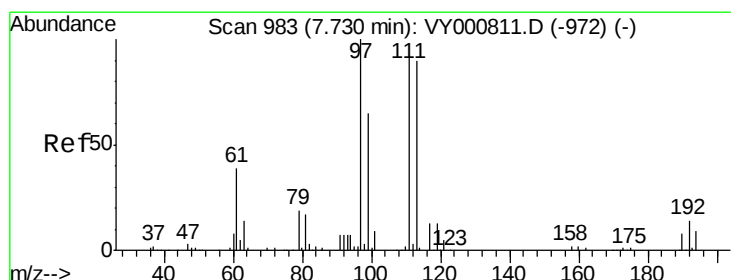
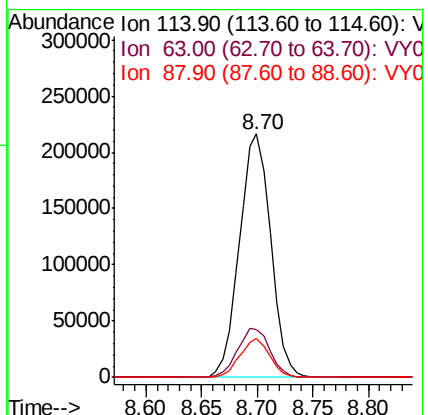
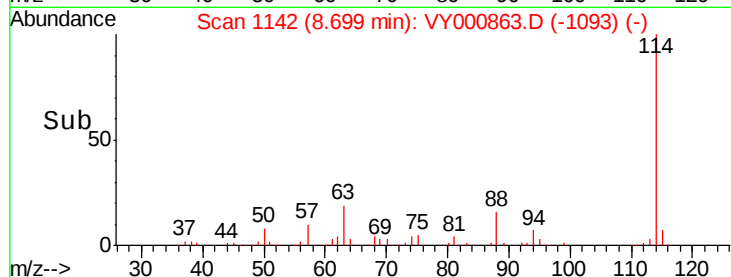
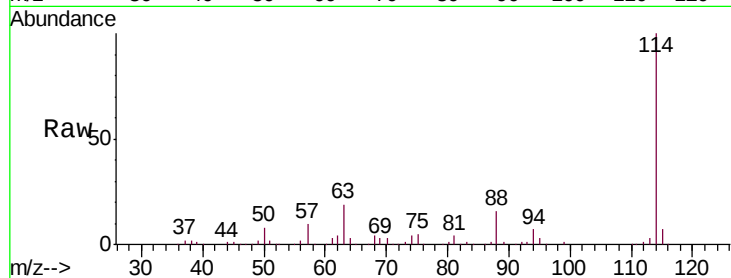
Tgt Ion:114 Resp: 422190

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.993 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000863.D

Acq: 04 Dec 2019 15:03

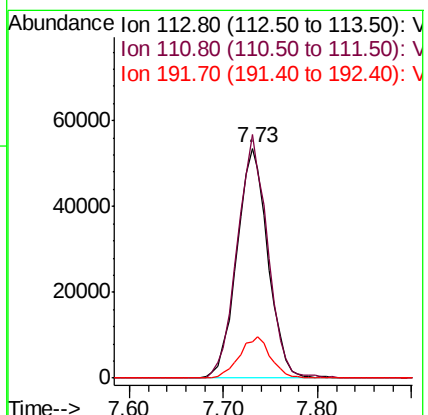
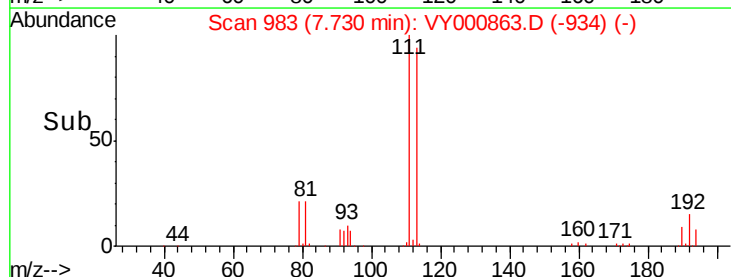
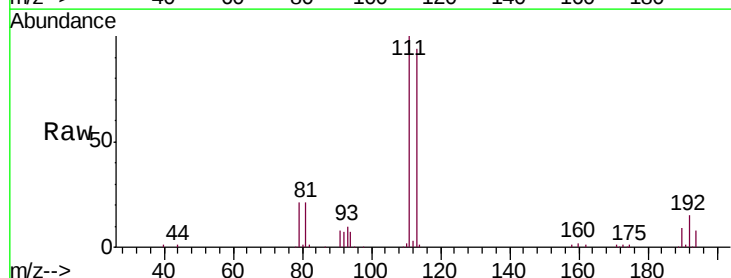
Tgt Ion:113 Resp: 123010

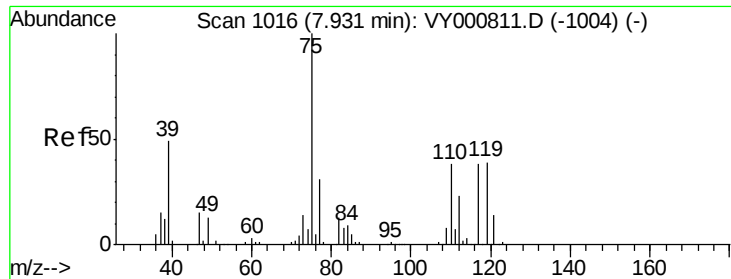
Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

192 18.0 14.2 21.2

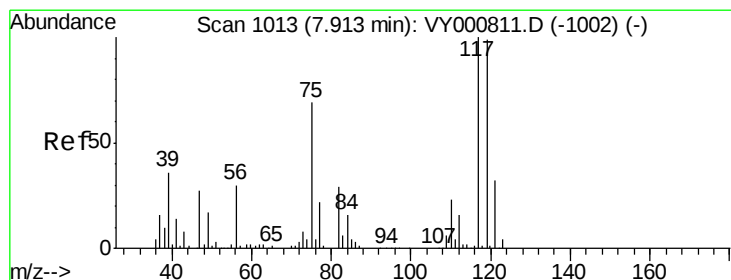
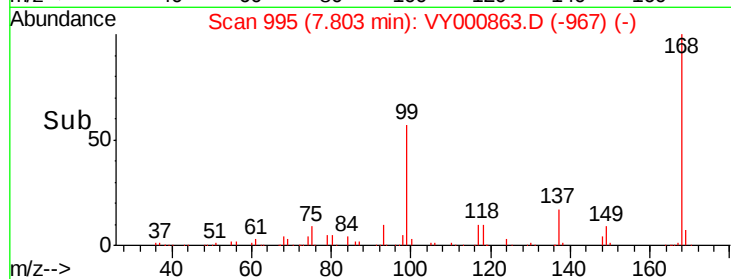
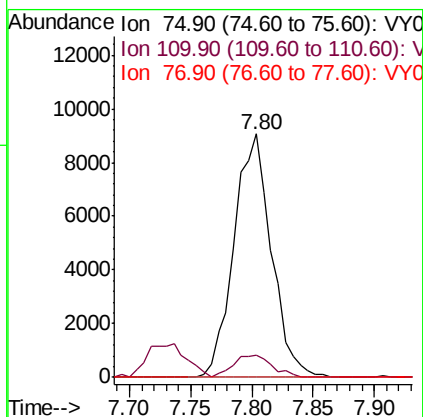
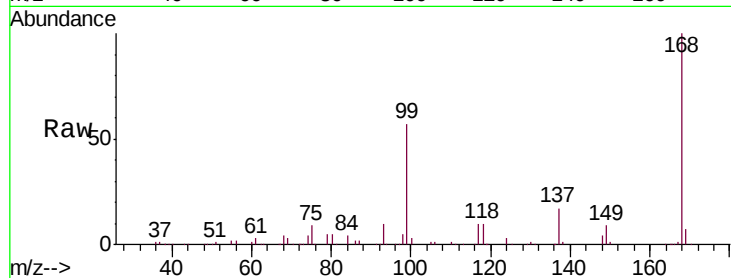




#36
 1,1-Dichloropropene
 Concen: 4.574 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000863.D
 Acq: 04 Dec 2019 15:03

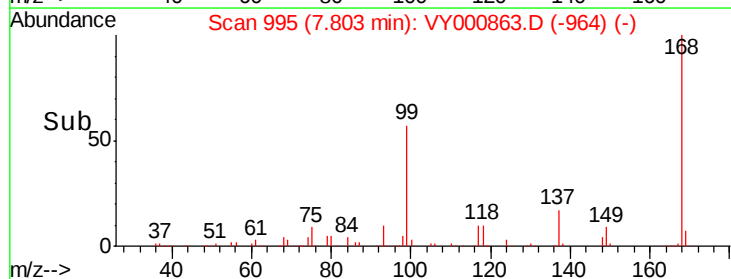
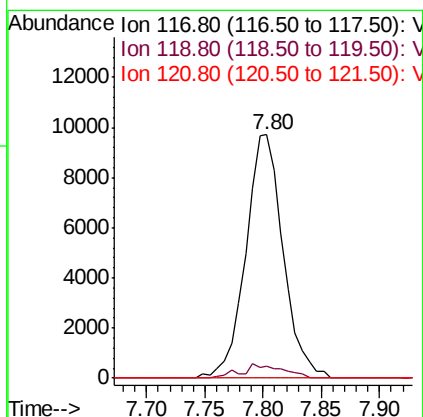
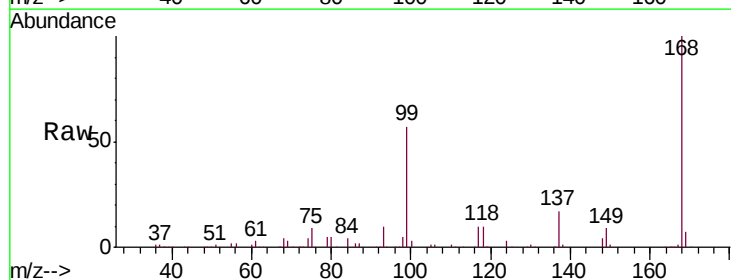
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-(8-10)

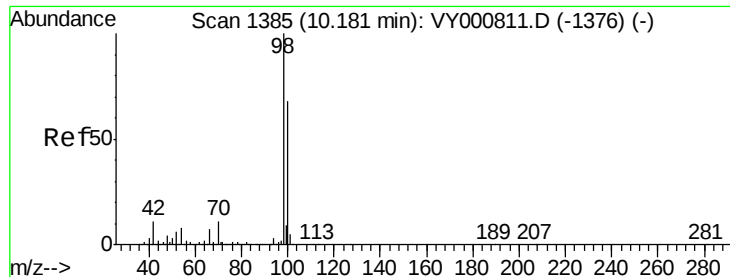
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.9	53.7#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.807 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000863.D
 Acq: 04 Dec 2019 15:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	79.3	118.9#
121	0.0	25.5	38.3#





#50

Toluene-d8

Concen: 51.949 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000863.D

Acq: 04 Dec 2019 15:03

Instrument :

MSVOA_Y

ClientSampleId :

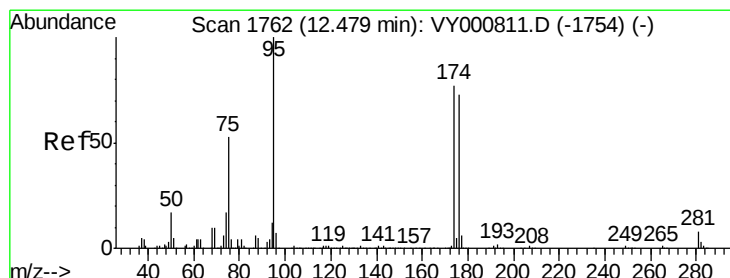
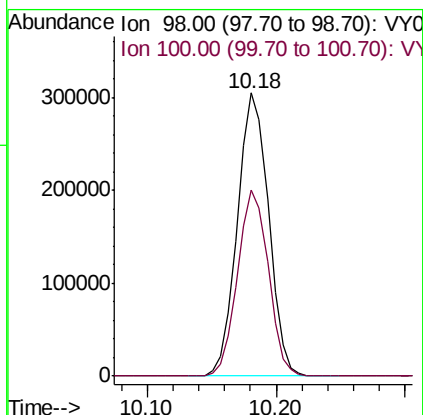
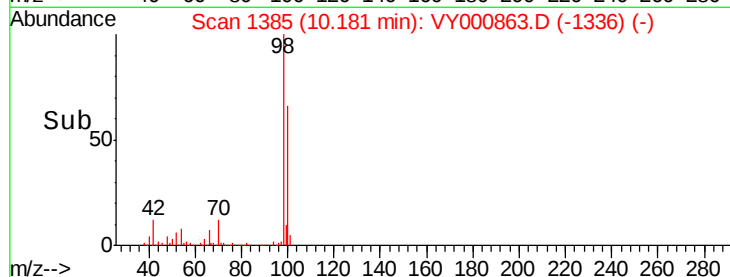
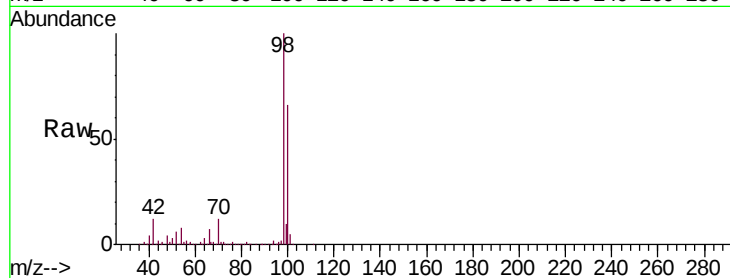
SB-4-(8-10)

Tgt Ion: 98 Resp: 511027

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.797 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000863.D

Acq: 04 Dec 2019 15:03

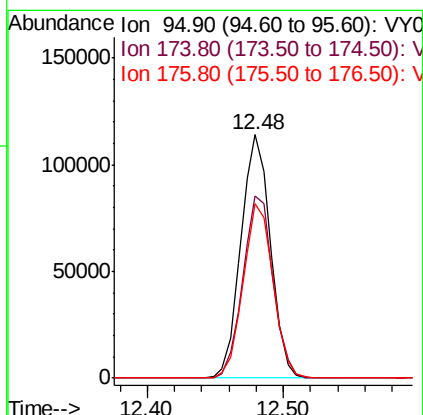
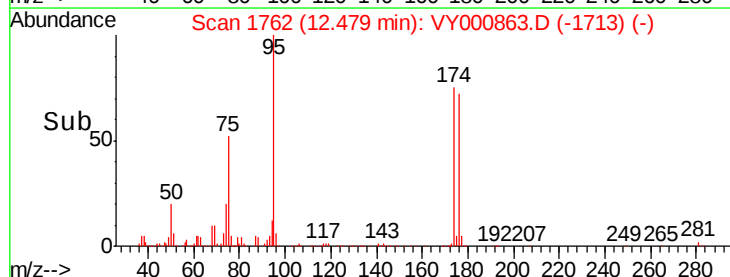
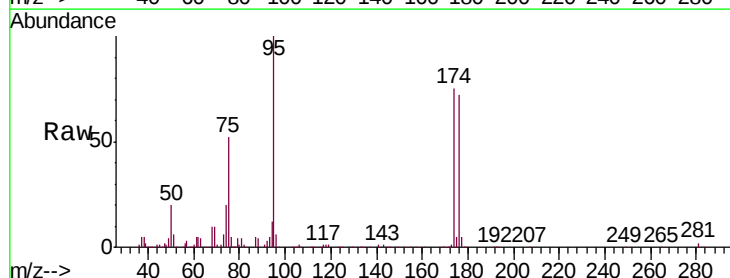
Tgt Ion: 95 Resp: 172882

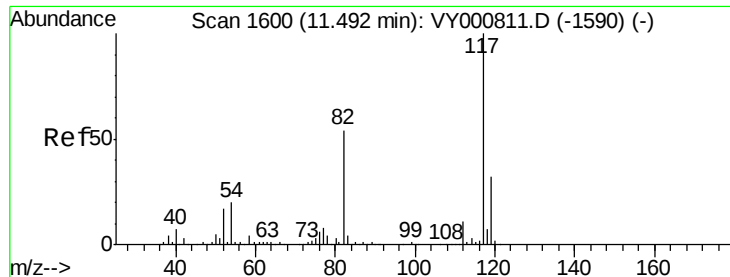
Ion Ratio Lower Upper

95 100

174 76.6 0.0 150.6

176 72.9 0.0 145.2

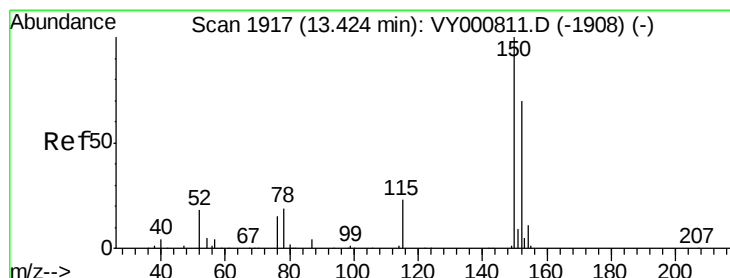
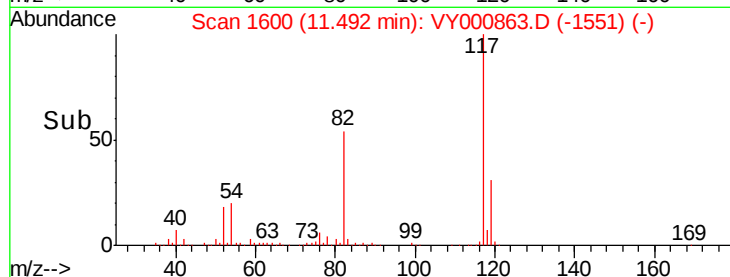
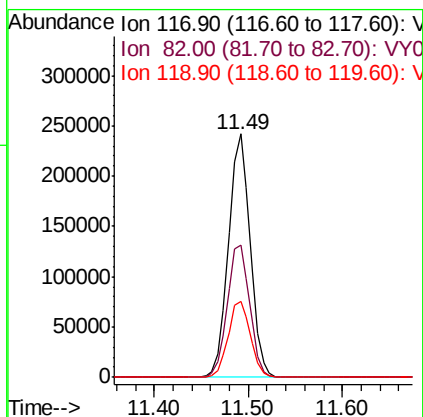
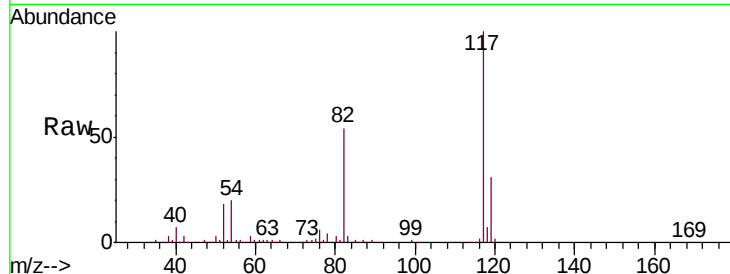




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000863.D
Acq: 04 Dec 2019 15:03

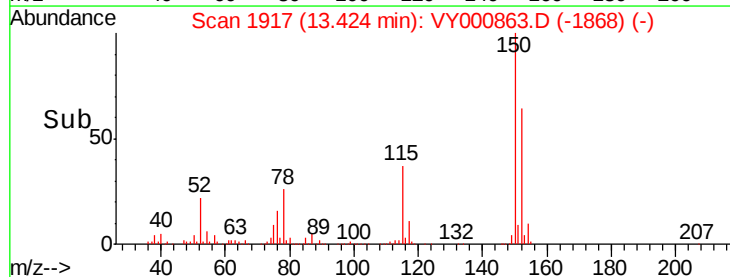
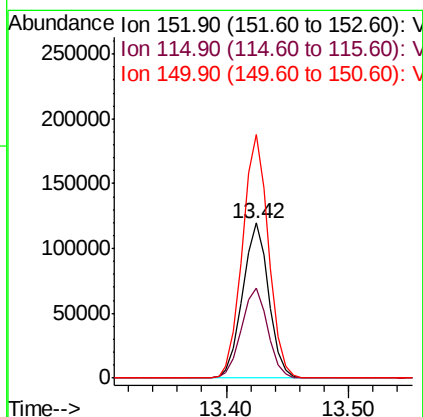
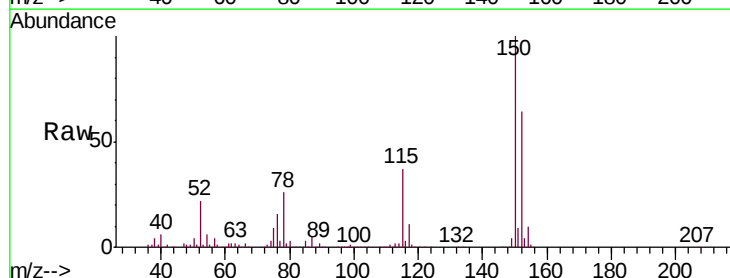
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(8-10)

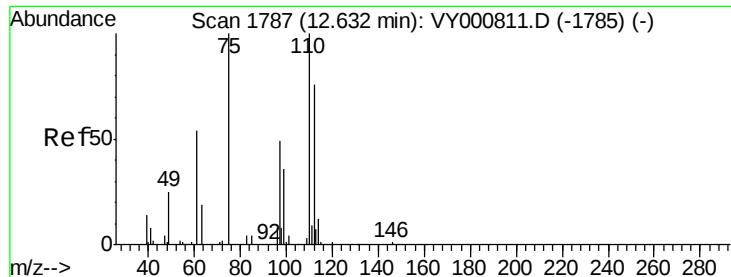
Tgt Ion:117 Resp: 385598
Ion Ratio Lower Upper
117 100
82 54.4 43.1 64.7
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000863.D
Acq: 04 Dec 2019 15:03

Tgt Ion:152 Resp: 176004
Ion Ratio Lower Upper
152 100
115 58.7 29.3 87.8
150 157.0 0.0 351.2





#76

1,2,3-Trichloropropane

Concen: 45.013 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000863.D

Acq: 04 Dec 2019 15:03

Instrument :

MSVOA_Y

ClientSampleId :

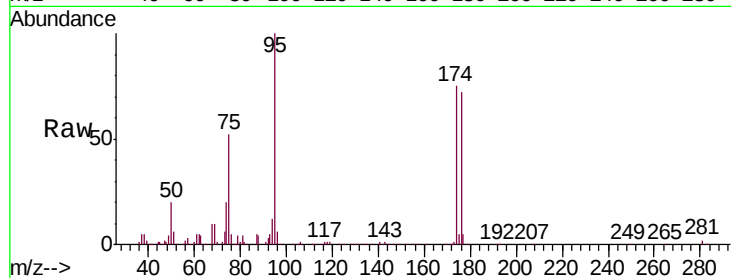
SB-4-(8-10)

Tgt Ion: 75 Resp: 89760

Ion Ratio Lower Upper

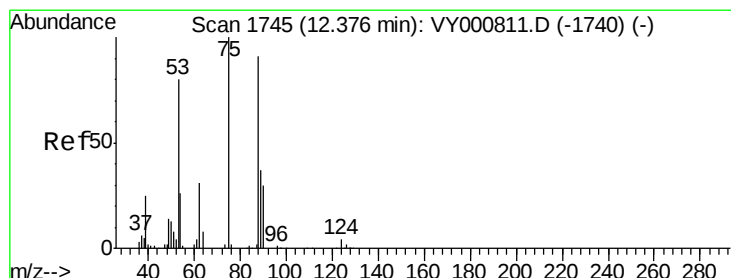
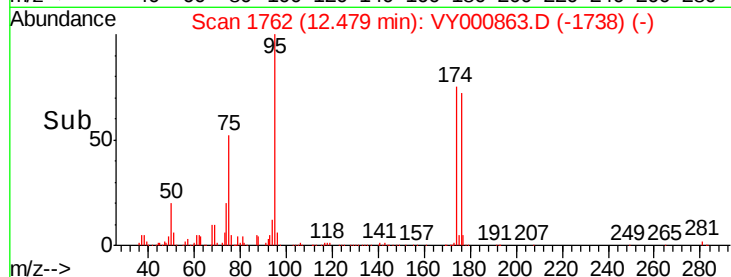
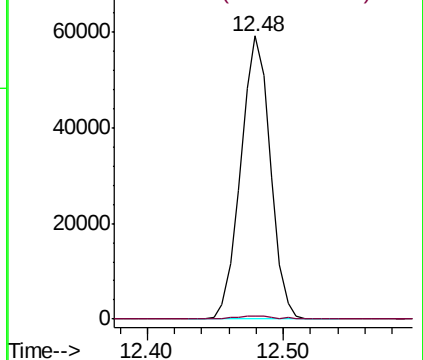
75 100

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: 88.418 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000863.D

Acq: 04 Dec 2019 15:03

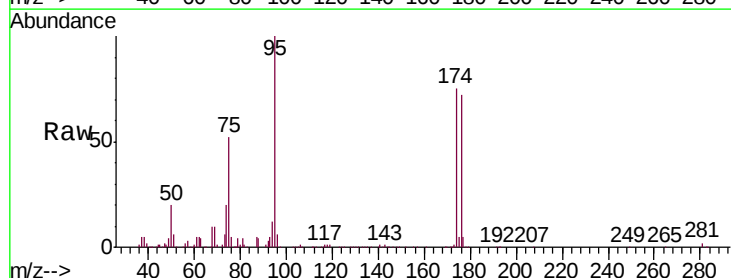
Tgt Ion: 75 Resp: 89760

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.1 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

