

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
 Data File : VY000958.D
 Acq On : 16 Dec 2019 16:33
 Operator : SY/MD
 Sample : K6317-04
 Misc : 8.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB4

Quant Time: Dec 17 06:06:44 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

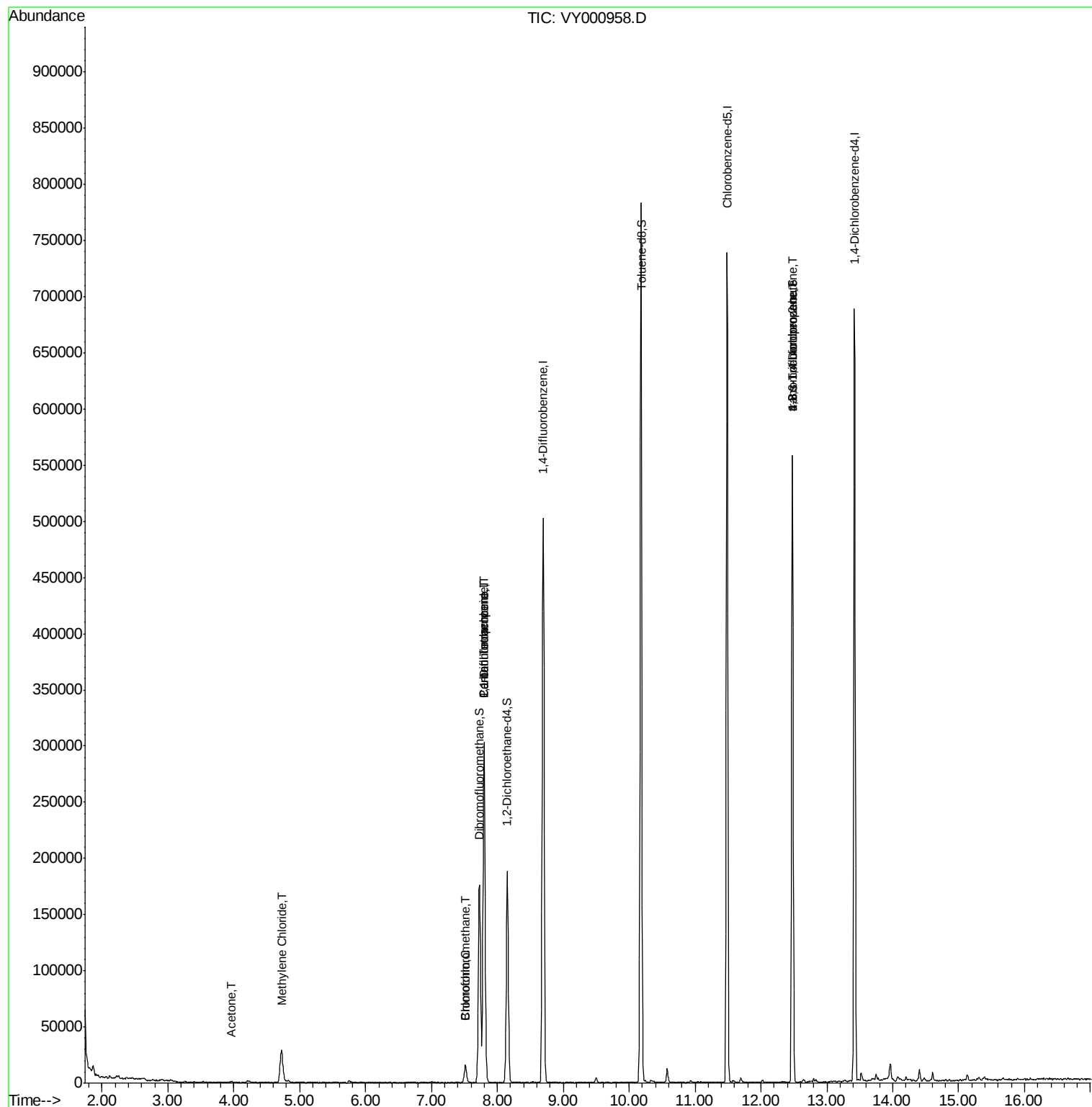
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	233880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	432265	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	394018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	172774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	138851	55.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.74%	
35) Dibromofluoromethane	7.73	113	129107	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
50) Toluene-d8	10.18	98	518987	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.48	95	172709	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
Target Compounds						
5) Bromomethane	2.65	94	69	Below Cal	#	3
16) Acetone	3.97	43	1674	2.936	ug/l	96
20) Methylene Chloride	4.73	84	22057	7.340	ug/l	93
28) Bromochloromethane	7.52	49	1176	2.633	ug/l #	15
30) Chloroform	7.51	83	14199	2.842	ug/l #	84
36) 1,1-Dichloropropene	7.80	75	19122	4.449	ug/l #	51
38) Carbon Tetrachloride	7.80	117	21698	5.669	ug/l #	14
76) 1,2,3-Trichloropropane	12.47	75	87154	44.523	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.47	75	87154	87.456	ug/l #	18

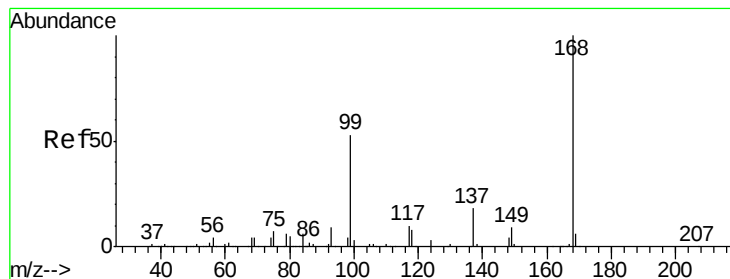
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
Data File : VY000958.D
Acq On : 16 Dec 2019 16:33
Operator : SY/MD
Sample : K6317-04
Misc : 8.21G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
178K-SB4

Quant Time: Dec 17 06:06:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000958.D

Acq: 16 Dec 2019 16:33

Instrument :

MSVOA_Y

ClientSampleId :

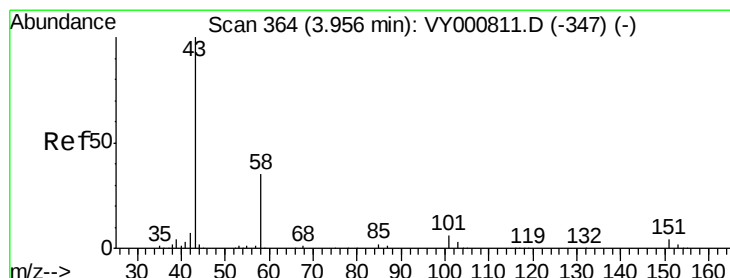
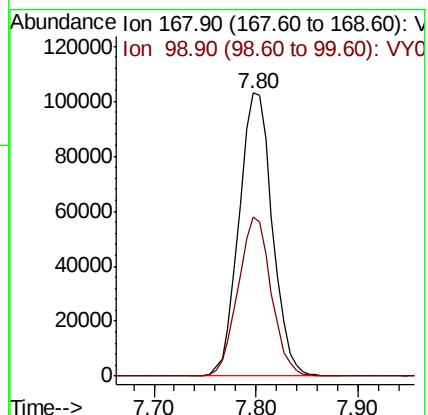
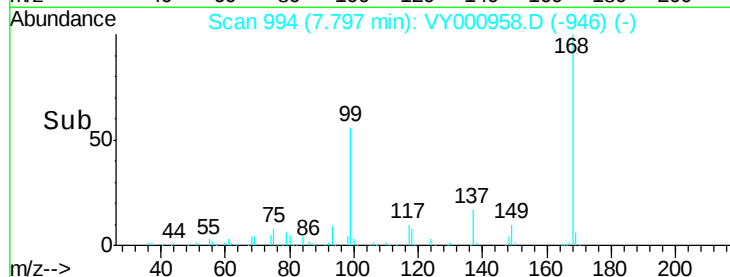
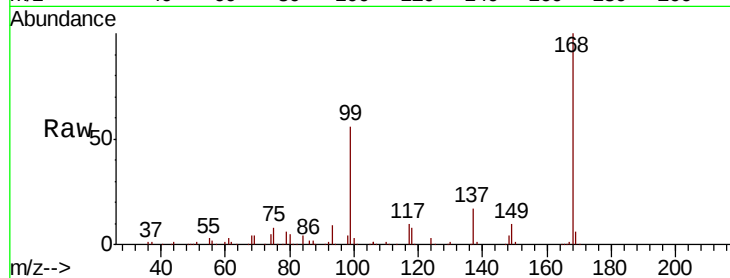
178K-SB4

Tgt Ion: 168 Resp: 233880

Ion Ratio Lower Upper

168 100

99 56.1 45.0 67.6



#16

Acetone

Concen: 2.936 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000958.D

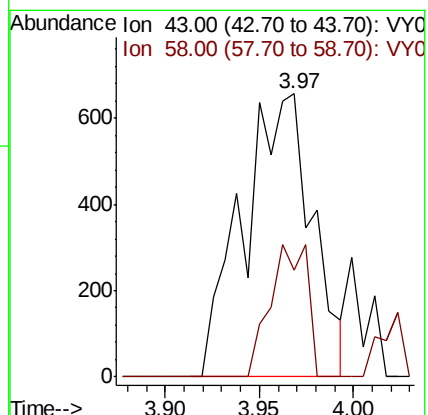
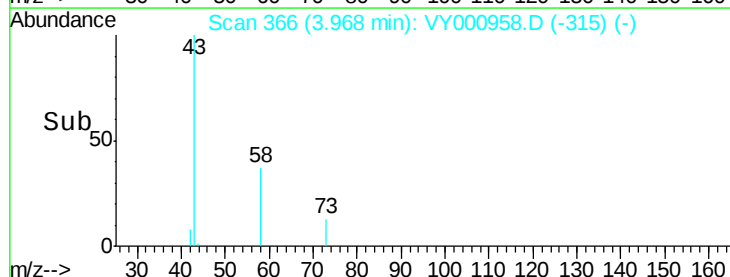
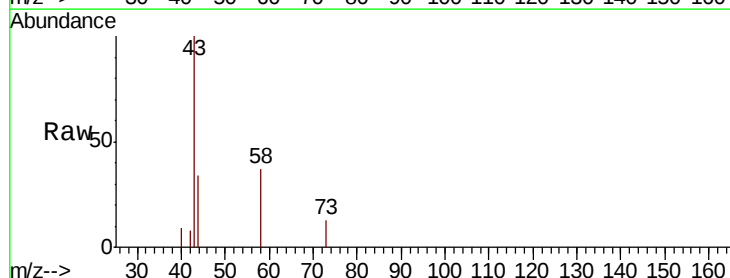
Acq: 16 Dec 2019 16:33

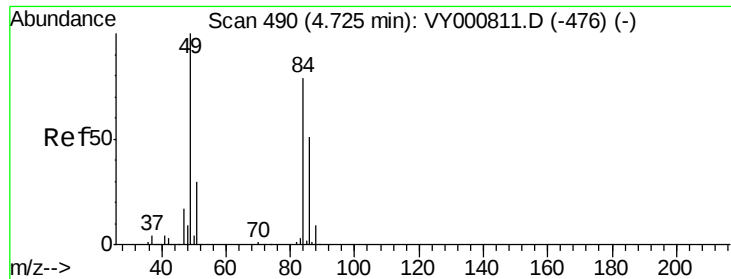
Tgt Ion: 43 Resp: 1674

Ion Ratio Lower Upper

43 100

58 37.4 28.0 42.0

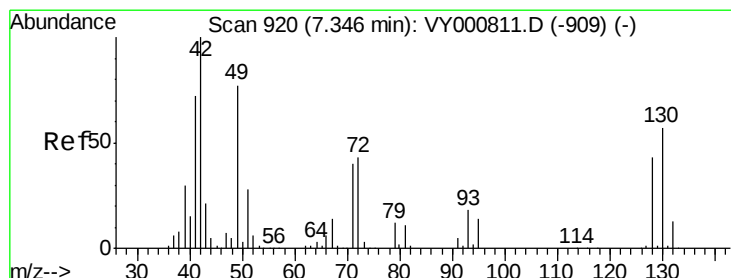
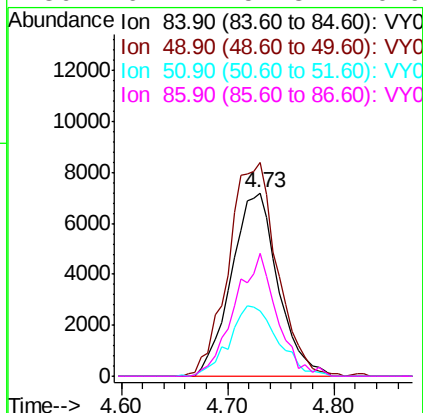
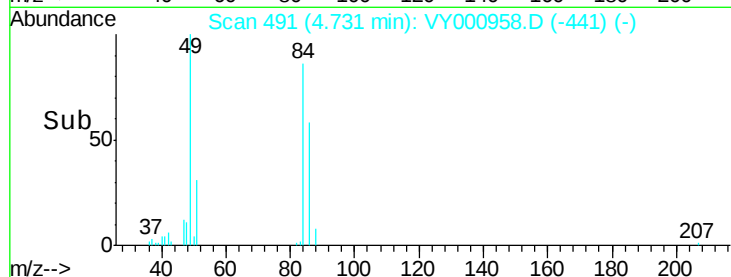
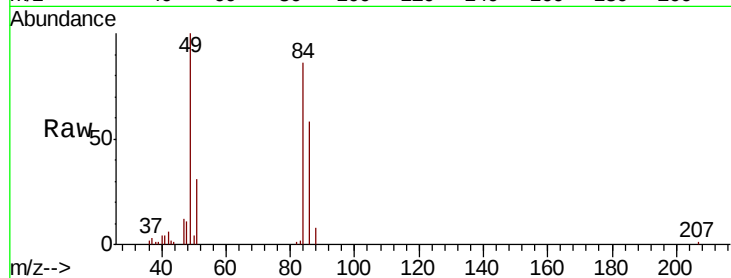




#20
Methylene Chloride
Concen: 7.340 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000958.D
Acq: 16 Dec 2019 16:33

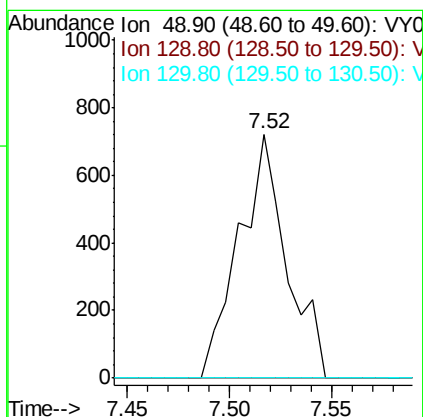
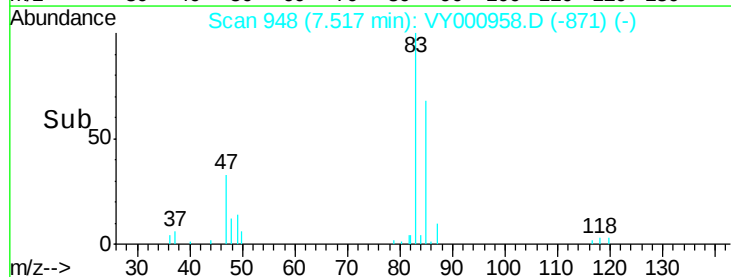
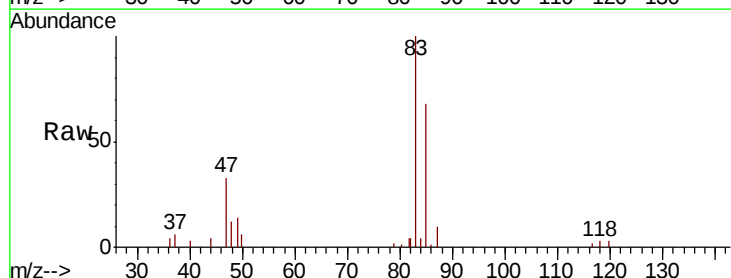
Instrument :
MSVOA_Y
ClientSampleId :
178K-SB4

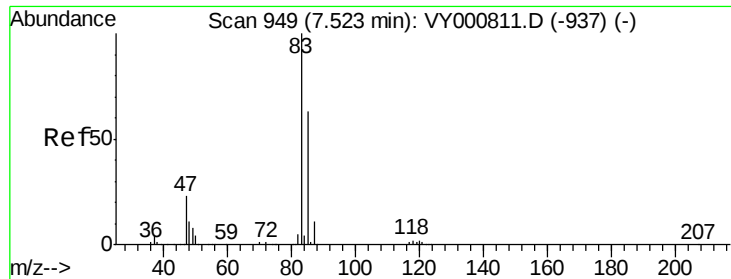
Tgt Ion: 84 Resp: 22057
Ion Ratio Lower Upper
84 100
49 115.1 101.3 151.9
51 35.6 30.6 45.8
86 67.2 51.3 76.9



#28
Bromochloromethane
Concen: 2.633 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.17 min
Lab File: VY000958.D
Acq: 16 Dec 2019 16:33

Tgt Ion: 49 Resp: 1176
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 58.7 88.1#

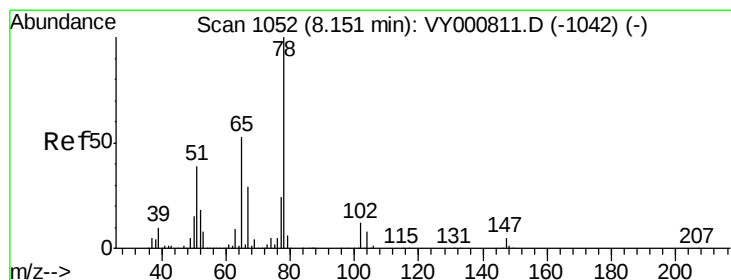
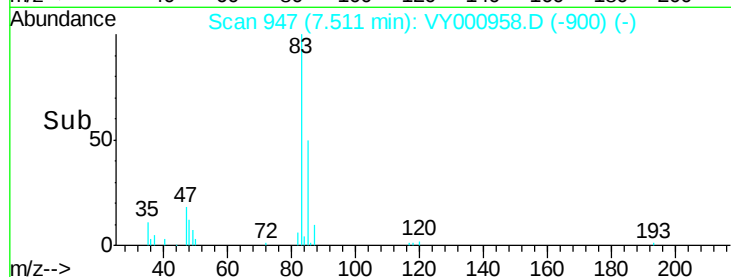
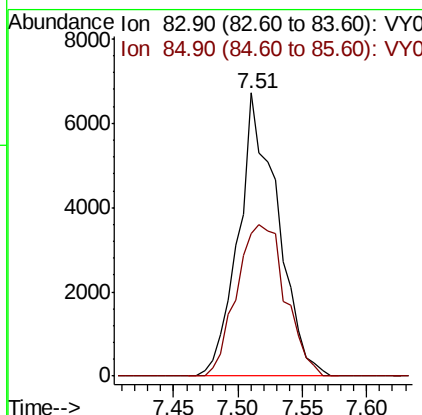
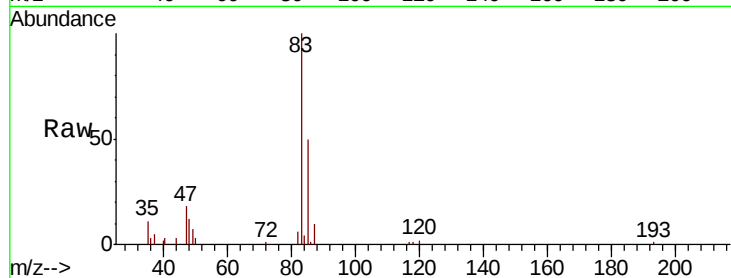




#30
 Chloroform
 Concen: 2.842 ug/l
 RT: 7.51 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: VY000958.D
 Acq: 16 Dec 2019 16:33

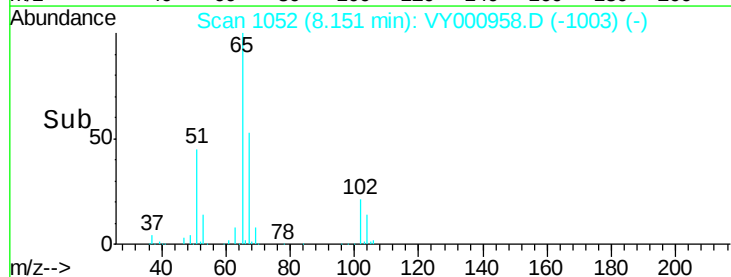
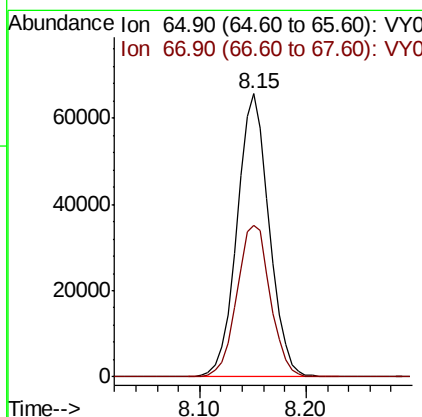
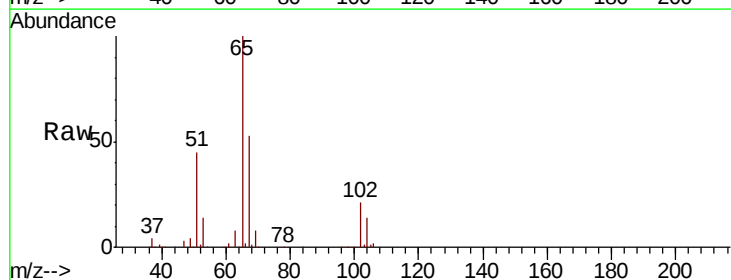
Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB4

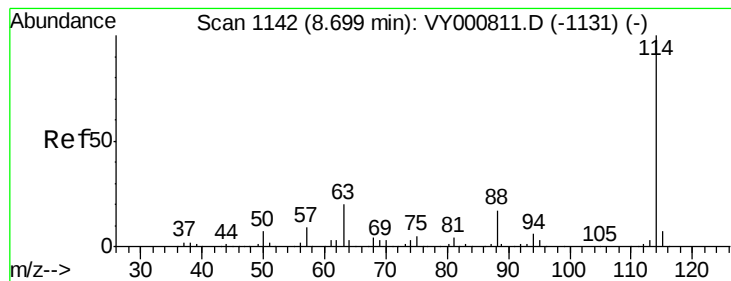
Tgt Ion: 83 Resp: 14199
 Ion Ratio Lower Upper
 83 100
 85 50.3 50.4 75.6#



#33
 1,2-Dichloroethane-d4
 Concen: 55.872 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000958.D
 Acq: 16 Dec 2019 16:33

Tgt Ion: 65 Resp: 138851
 Ion Ratio Lower Upper
 65 100
 67 55.6 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: VY000958.D

Acq: 16 Dec 2019 16:33

Instrument :

MSVOA_Y

ClientSampleId :

178K-SB4

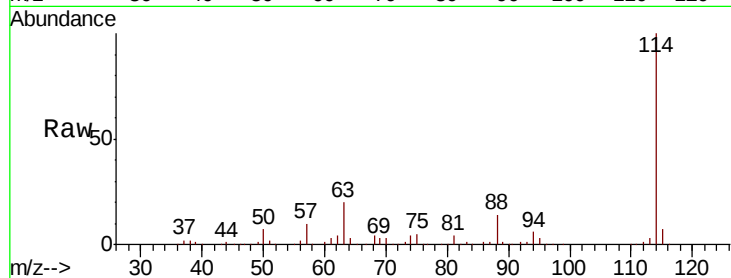
Tgt Ion:114 Resp: 432265

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

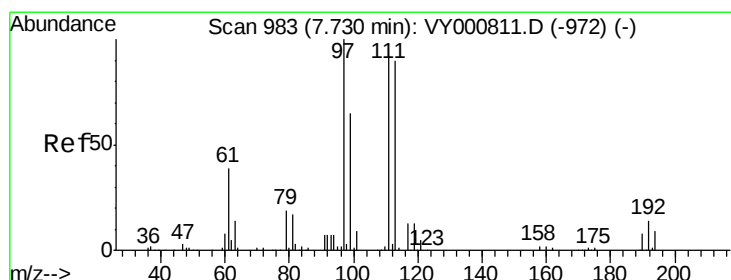
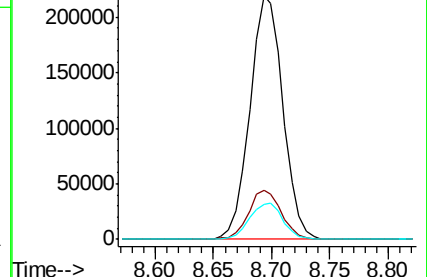
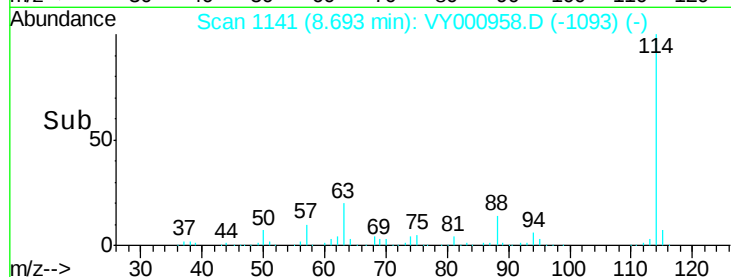
88 14.5 0.0 33.2



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: 51.248 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000958.D

Acq: 16 Dec 2019 16:33

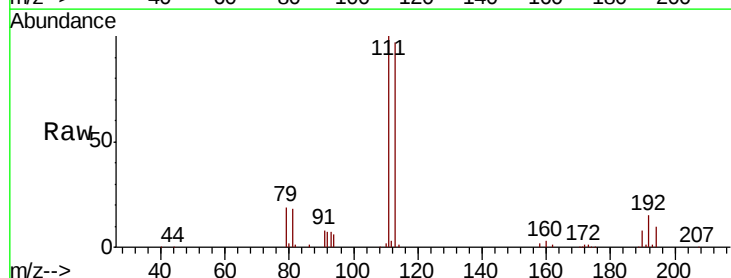
Tgt Ion:113 Resp: 129107

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

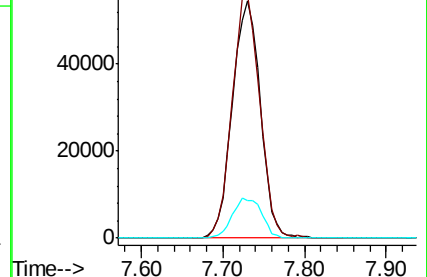
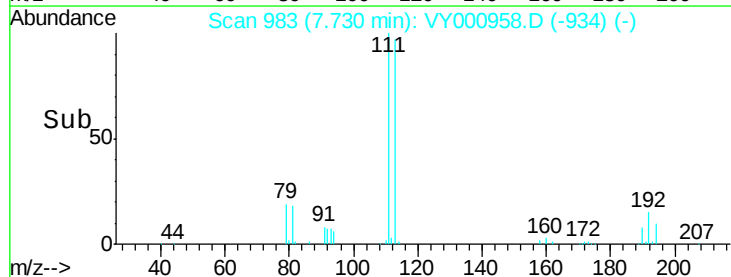
192 17.7 14.2 21.2

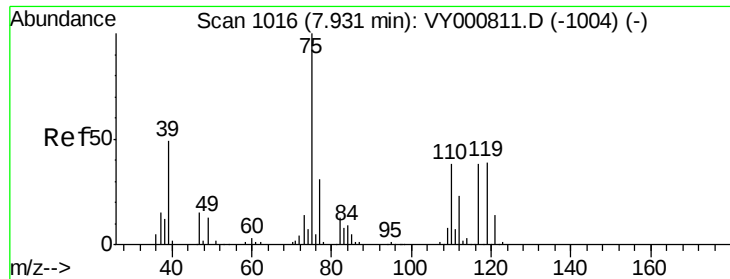


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

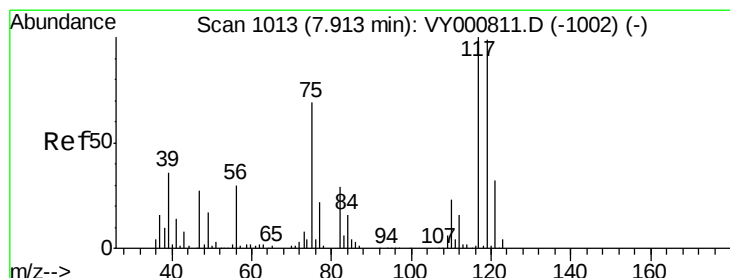
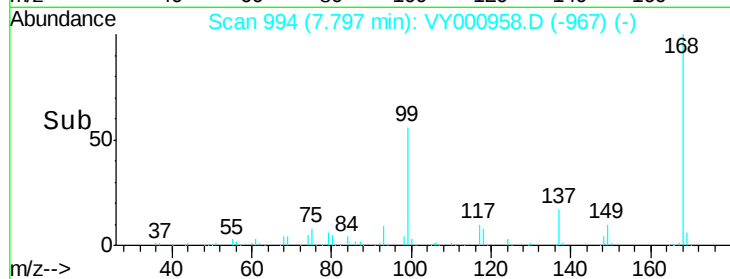
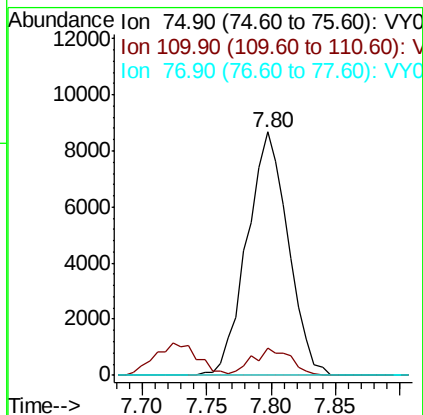
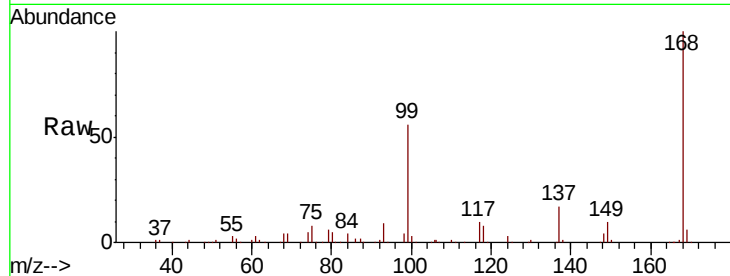




#36
 1,1-Dichloropropene
 Concen: 4.449 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000958.D
 Acq: 16 Dec 2019 16:33

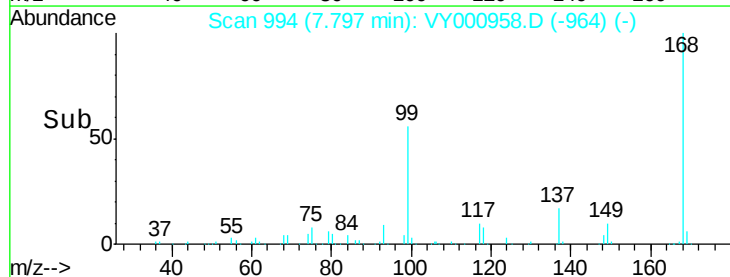
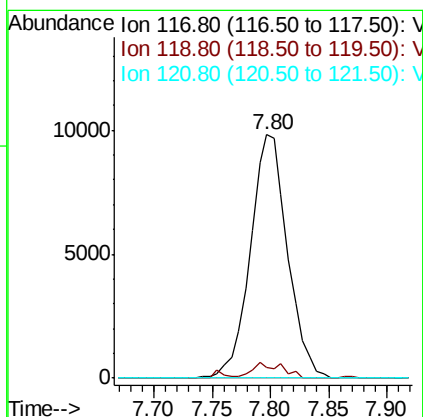
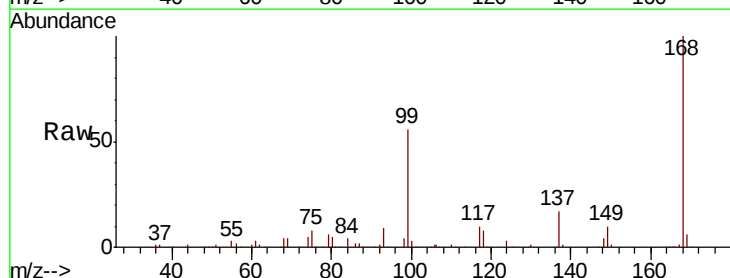
Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB4

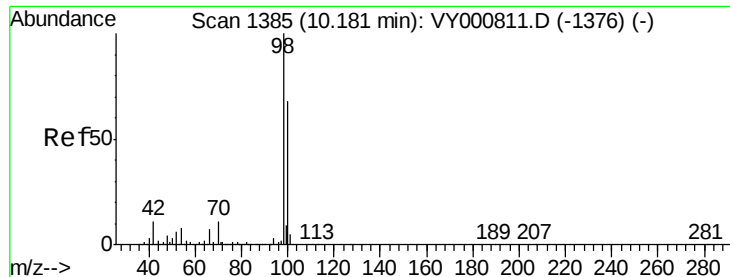
Tgt Ion: 75 Resp: 19122
 Ion Ratio Lower Upper
 75 100
 110 10.4 17.9 53.7#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.669 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000958.D
 Acq: 16 Dec 2019 16:33

Tgt Ion: 117 Resp: 21698
 Ion Ratio Lower Upper
 117 100
 119 4.3 79.3 118.9#
 121 0.0 25.5 38.3#





#50

Toluene-d8

Concen: 51.529 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000958.D

Acq: 16 Dec 2019 16:33

Instrument :

MSVOA_Y

ClientSampleId :

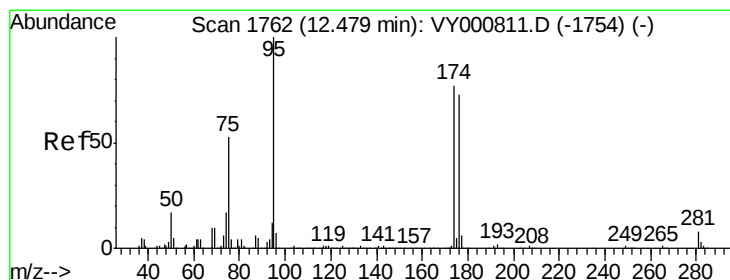
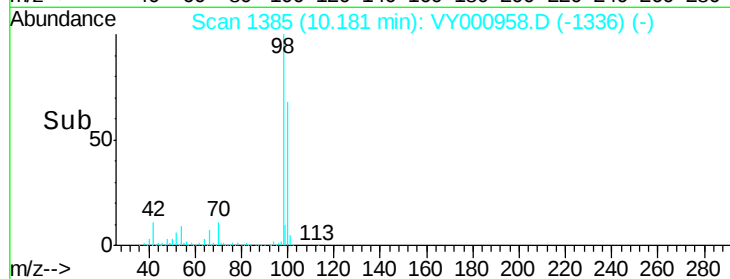
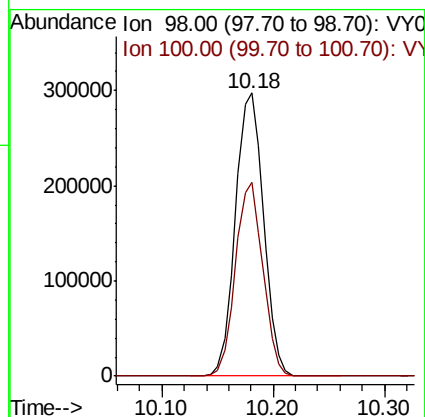
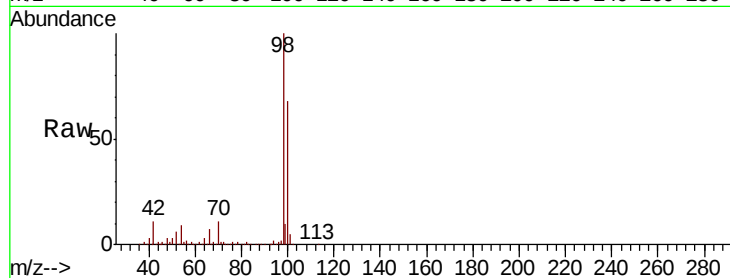
178K-SB4

Tgt Ion: 98 Resp: 518987

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.660 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000958.D

Acq: 16 Dec 2019 16:33

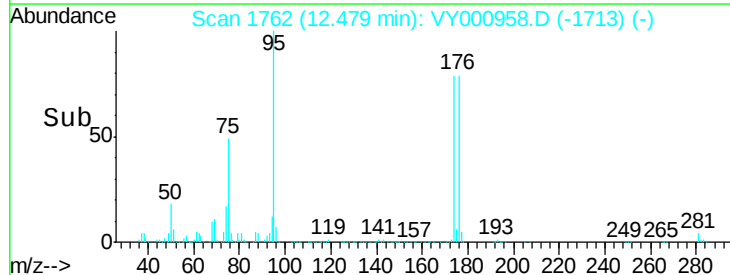
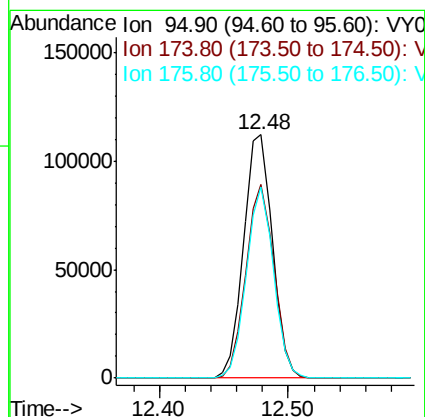
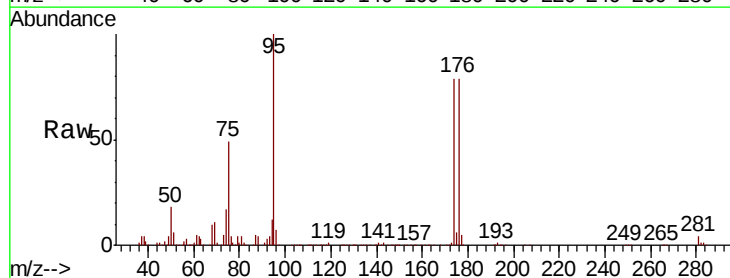
Tgt Ion: 95 Resp: 172709

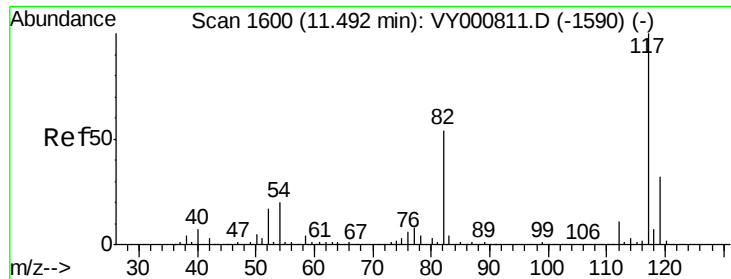
Ion Ratio Lower Upper

95 100

174 77.6 0.0 150.6

176 74.2 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: VY000958.D

Acq: 16 Dec 2019 16:33

Instrument :

MSVOA_Y

ClientSampleId :

178K-SB4

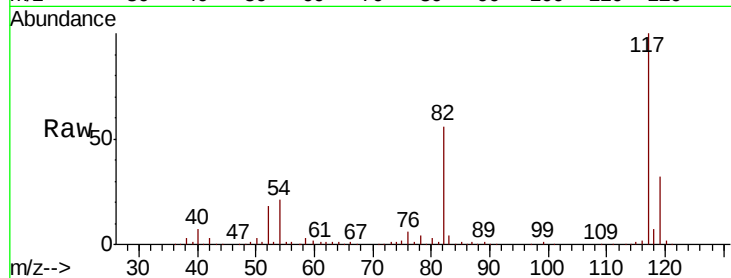
Tgt Ion:117 Resp: 394018

Ion Ratio Lower Upper

117 100

82 56.1 43.1 64.7

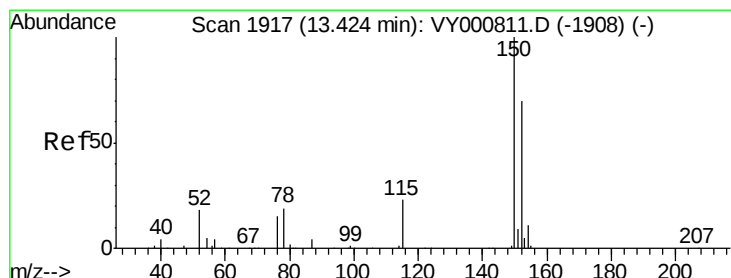
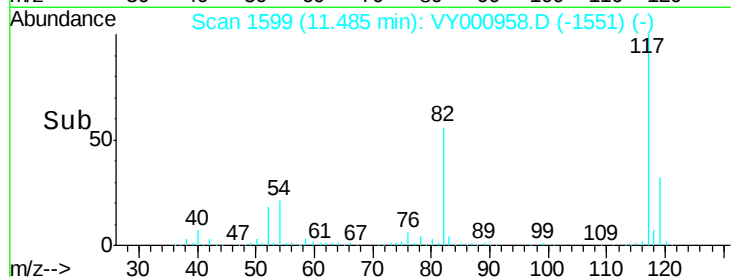
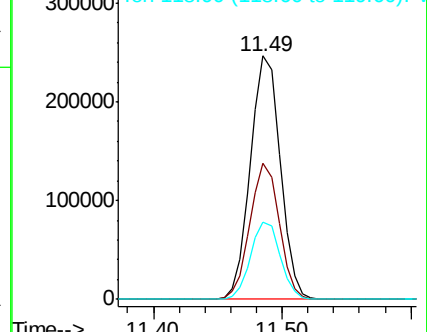
119 31.6 25.3 37.9



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# 1916

Delta R.T. -0.01 min

Lab File: VY000958.D

Acq: 16 Dec 2019 16:33

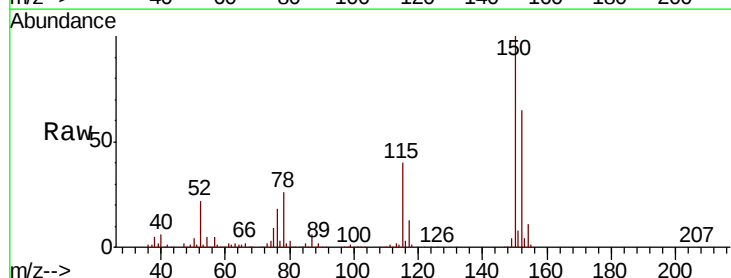
Tgt Ion:152 Resp: 172774

Ion Ratio Lower Upper

152 100

115 59.1 29.3 87.8

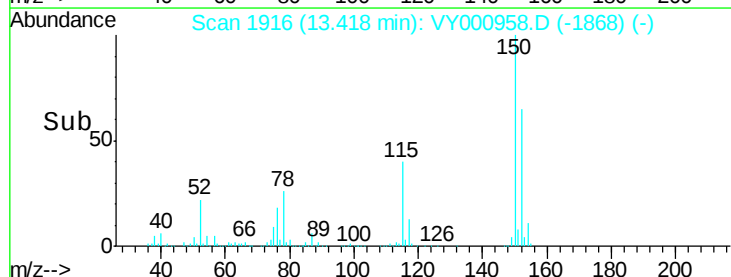
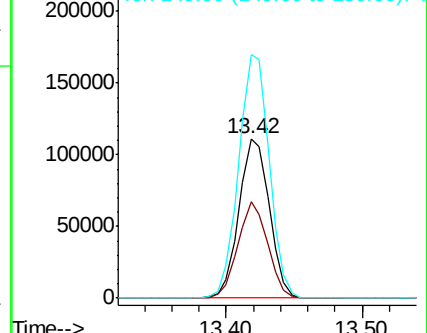
150 154.1 0.0 351.2

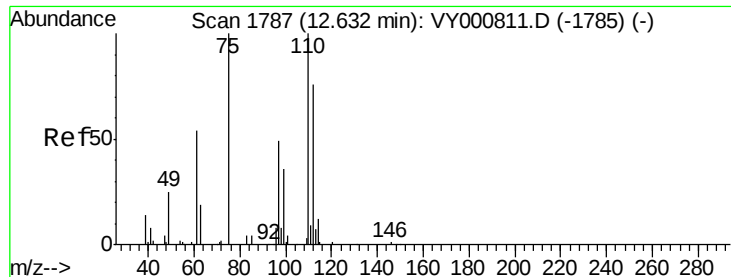


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 44.523 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. -0.16 min

Lab File: VY000958.D

Acq: 16 Dec 2019 16:33

Instrument :

MSVOA_Y

ClientSampleId :

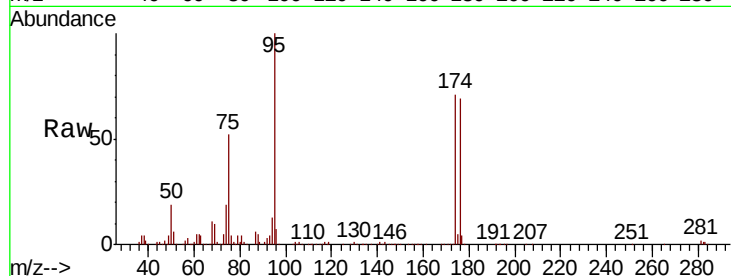
178K-SB4

Tgt Ion: 75 Resp: 87154

Ion Ratio Lower Upper

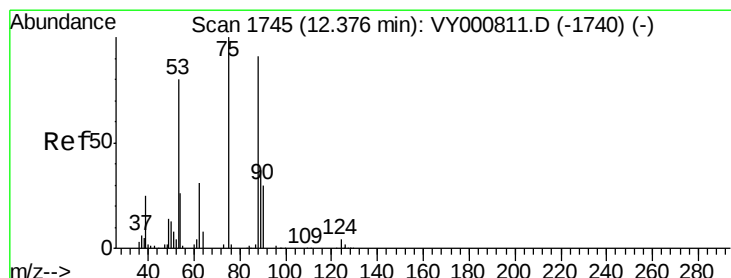
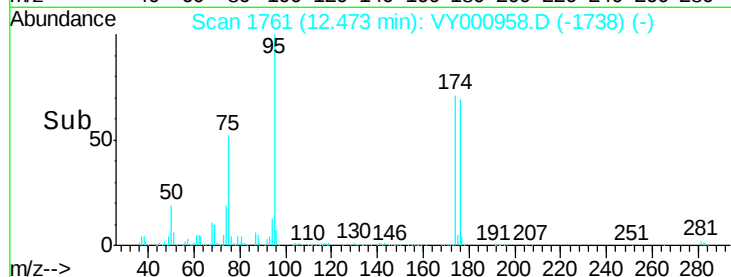
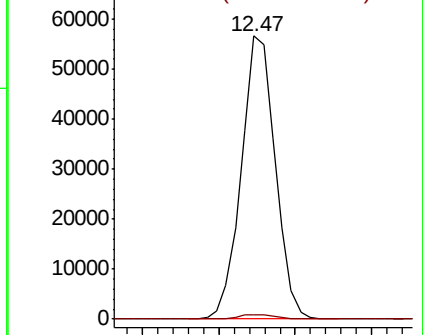
75 100

77 1.6 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: 87.456 ug/l

RT: 12.47 min Scan# 1761

Delta R.T. 0.10 min

Lab File: VY000958.D

Acq: 16 Dec 2019 16:33

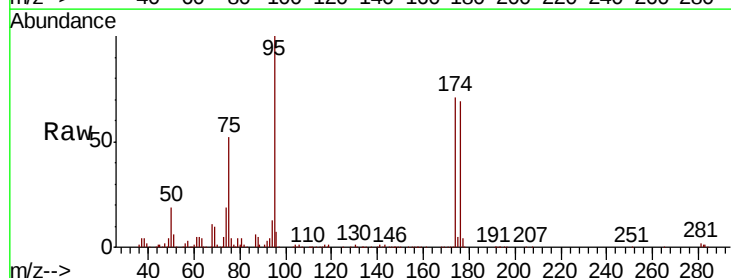
Tgt Ion: 75 Resp: 87154

Ion Ratio Lower Upper

75 100

53 0.1 64.6 96.8#

89 0.4 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

