

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
 Data File : VY000959.D
 Acq On : 16 Dec 2019 16:56
 Operator : SY/MD
 Sample : K6317-05
 Misc : 8.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB5

Quant Time: Dec 17 06:07:02 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

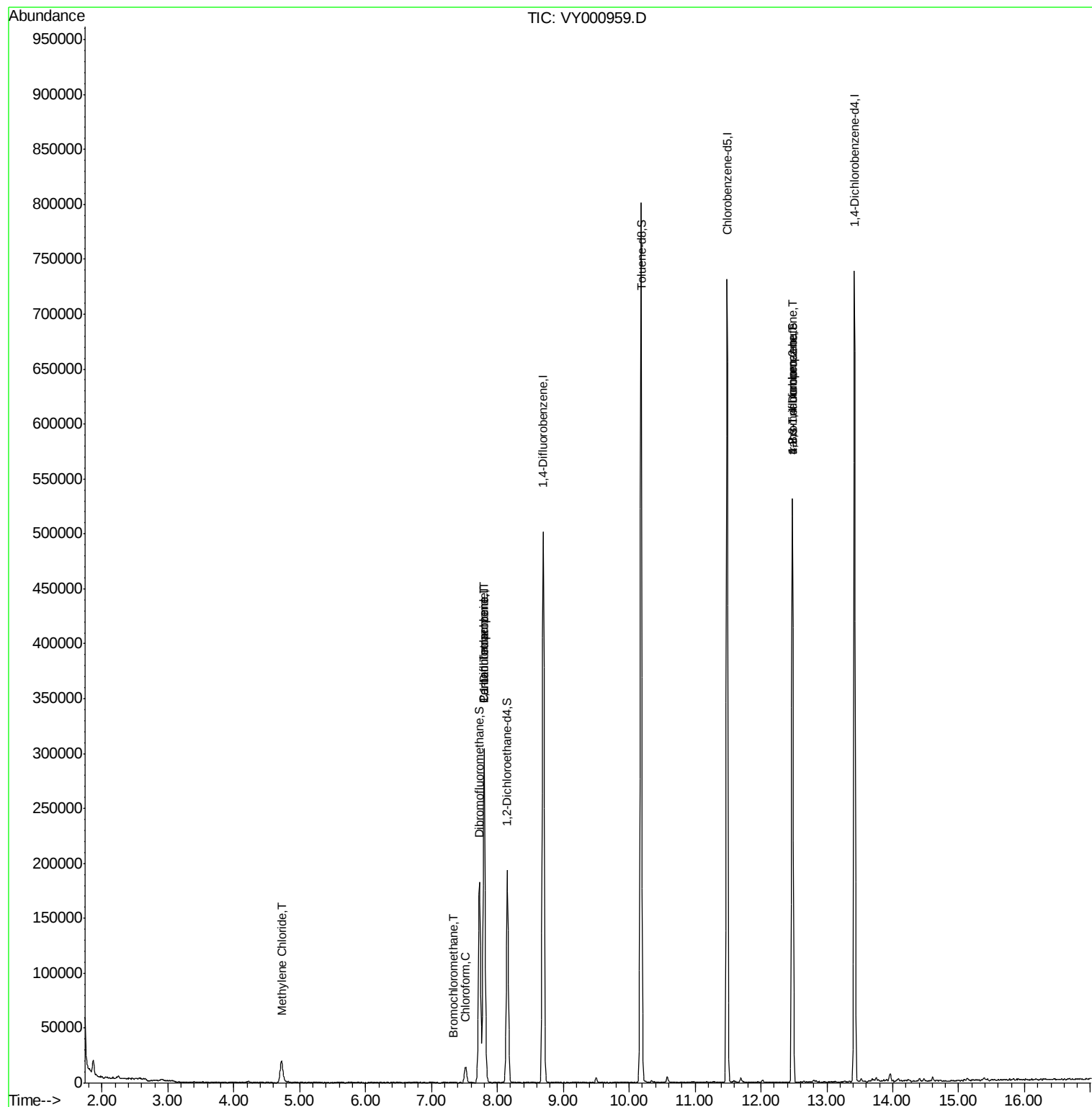
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	229481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	436363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	393555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	179342	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	138094	56.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.26%	
35) Dibromofluoromethane	7.73	113	130110	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
50) Toluene-d8	10.18	98	516180	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.47	95	175138	45.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.74%	
Target Compounds						
5) Bromomethane	2.67	94	119	Below Cal	#	44
20) Methylene Chloride	4.72	84	14643	4.966	ug/l	96
28) Bromochloromethane	7.33	49	36	2.035	ug/l #	15
30) Chloroform	7.52	83	14006	2.857	ug/l	91
36) 1,1-Dichloropropene	7.80	75	19018	4.383	ug/l #	49
38) Carbon Tetrachloride	7.80	117	22997	5.952	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	88267	43.440	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	88267	85.329	ug/l #	18

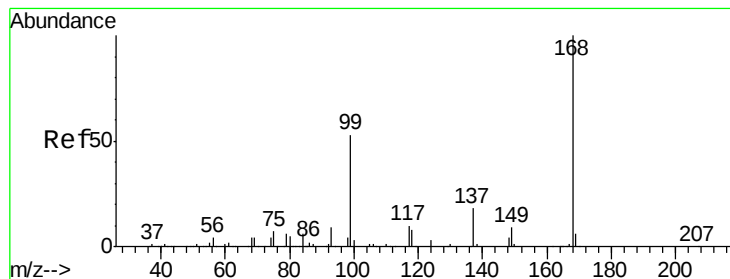
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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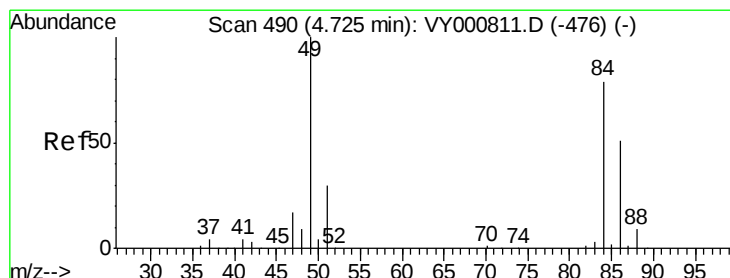
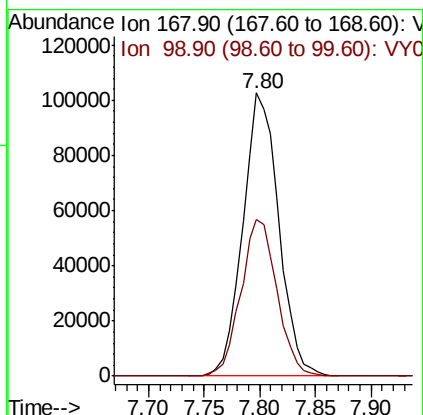
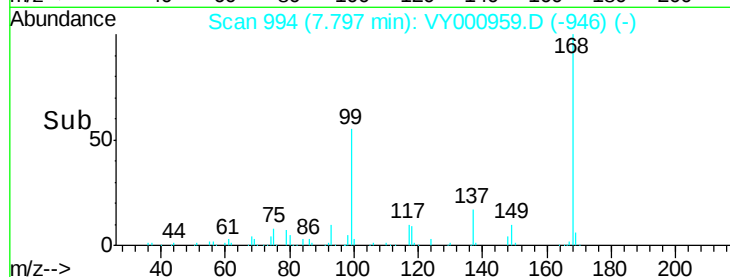
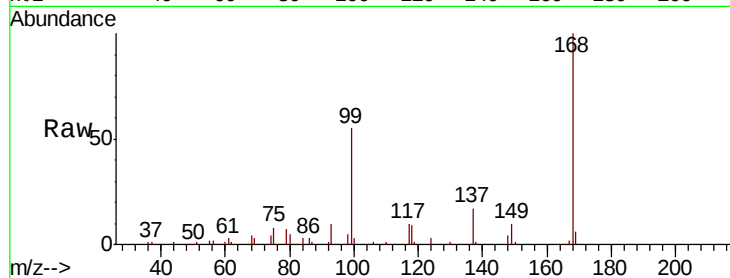


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000959.D
 Acq: 16 Dec 2019 16:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB5

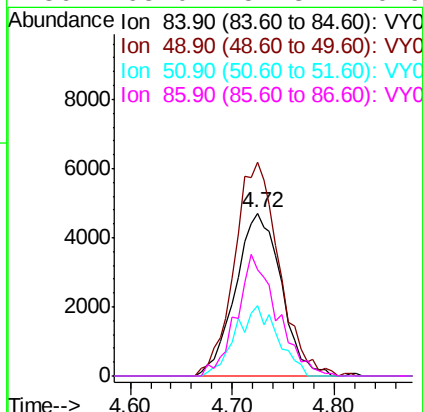
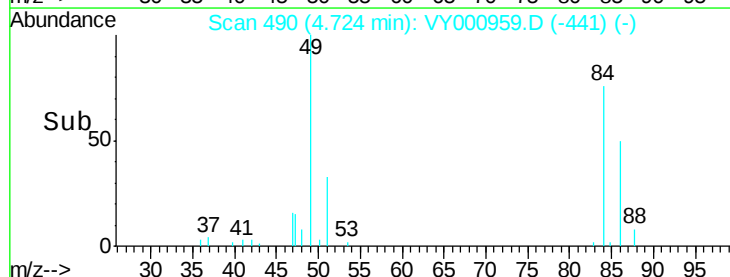
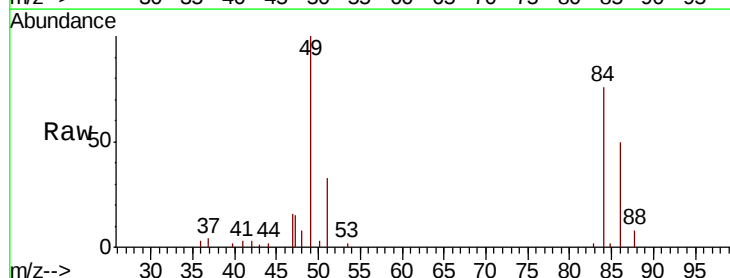
Tgt Ion: 168 Resp: 229481
 Ion Ratio Lower Upper
 168 100
 99 55.2 45.0 67.6

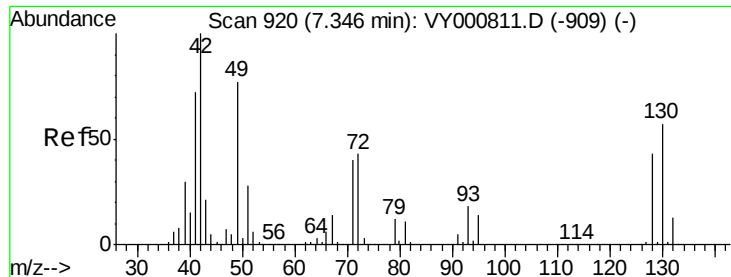


#20

Methylene Chloride
 Concen: 4.966 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: VY000959.D
 Acq: 16 Dec 2019 16:56

Tgt Ion: 84 Resp: 14643
 Ion Ratio Lower Upper
 84 100
 49 131.3 101.3 151.9
 51 43.4 30.6 45.8
 86 65.0 51.3 76.9

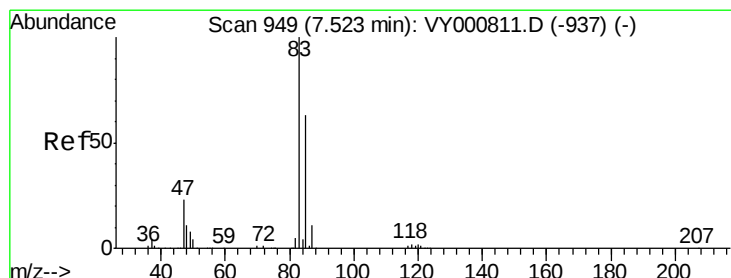
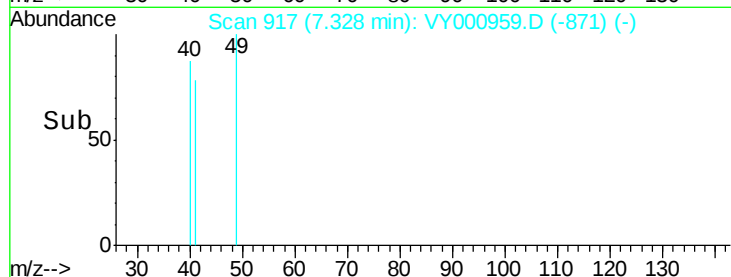
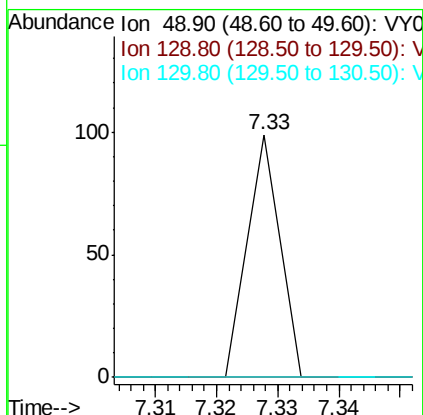
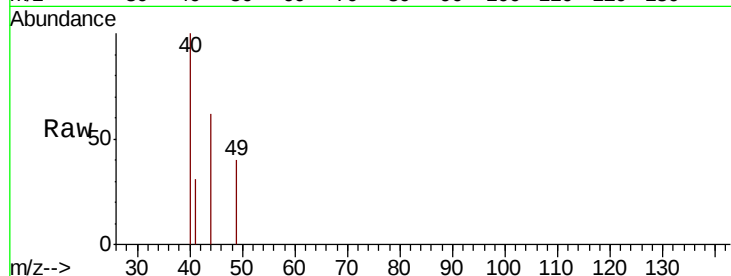




#28
 Bromochloromethane
 Concen: 2.035 ug/l
 RT: 7.33 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: VY000959.D
 Acq: 16 Dec 2019 16:56

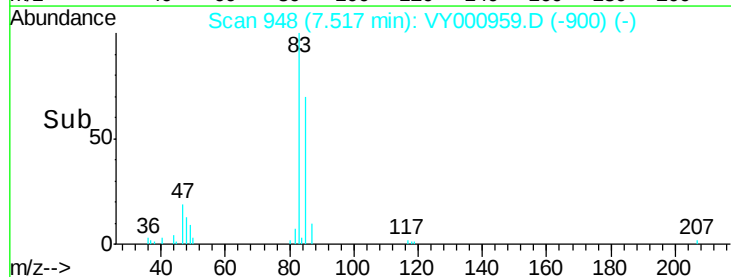
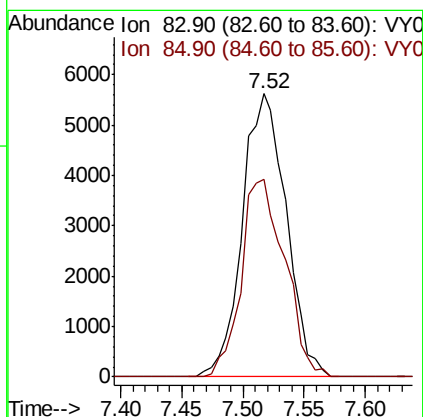
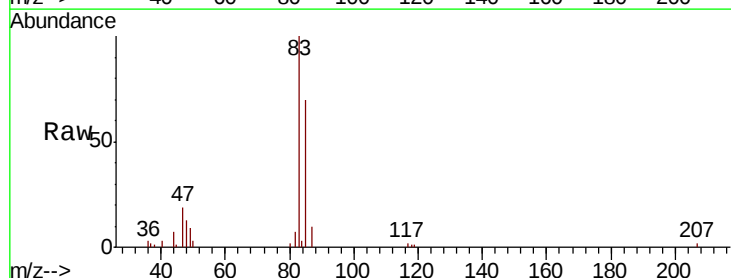
Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB5

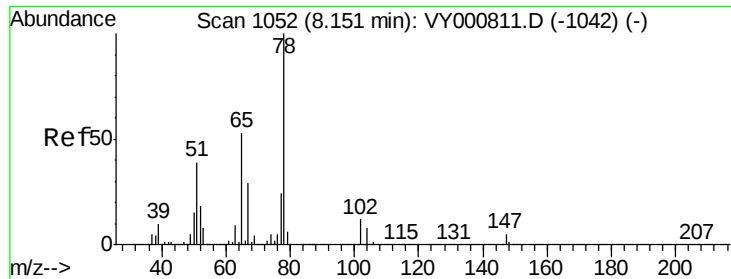
Tgt Ion: 49 Resp: 36
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 0.0 58.7 88.1#



#30
 Chloroform
 Concen: 2.857 ug/l
 RT: 7.52 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: VY000959.D
 Acq: 16 Dec 2019 16:56

Tgt Ion: 83 Resp: 14006
 Ion Ratio Lower Upper
 83 100
 85 69.7 50.4 75.6

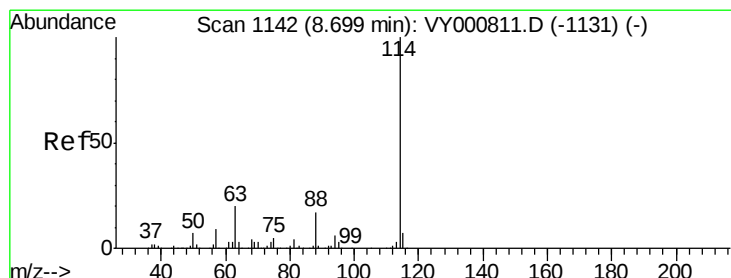
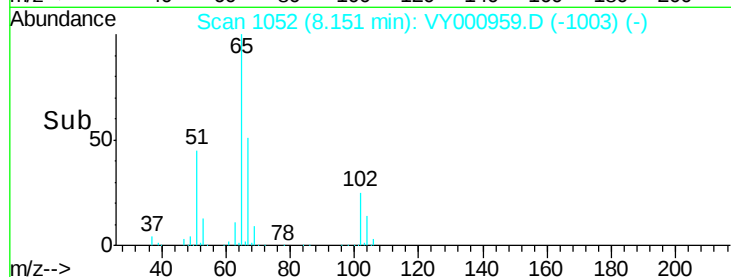
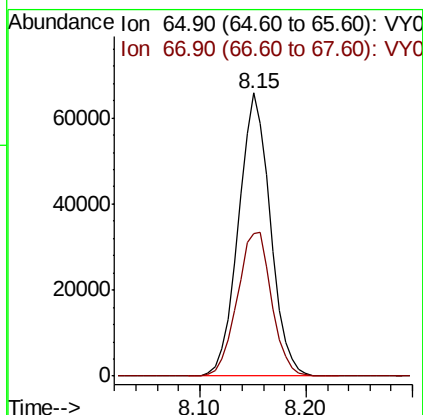
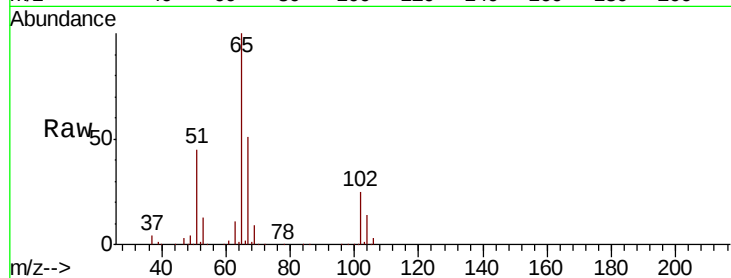




#33
 1,2-Dichloroethane-d4
 Concen: 56.632 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000959.D
 Acq: 16 Dec 2019 16:56

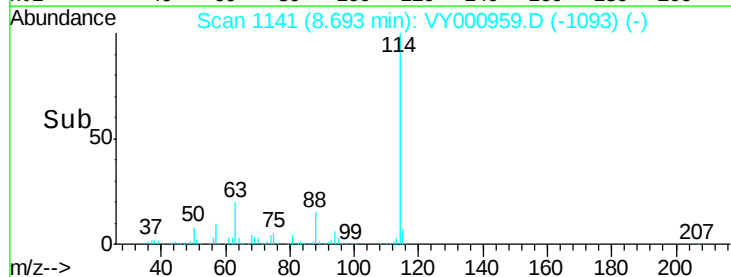
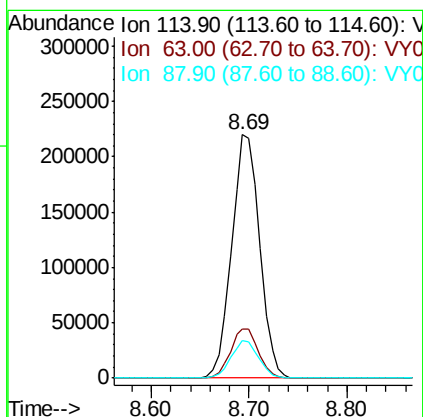
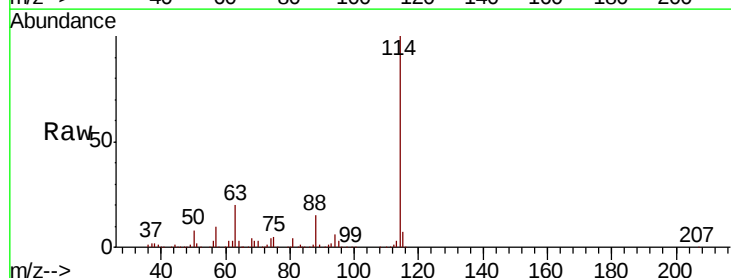
Instrument :
 MSVOA_Y
 ClientSampleId :
 178K-SB5

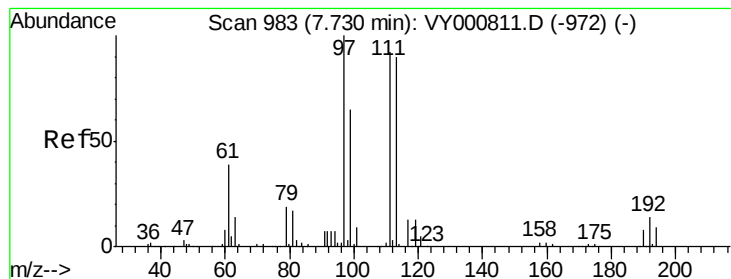
Tgt Ion: 65 Resp: 138094
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000959.D
 Acq: 16 Dec 2019 16:56

Tgt Ion: 114 Resp: 436363
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.8
 88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.162 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000959.D

Acq: 16 Dec 2019 16:56

Instrument :

MSVOA_Y

ClientSampleId :

178K-SB5

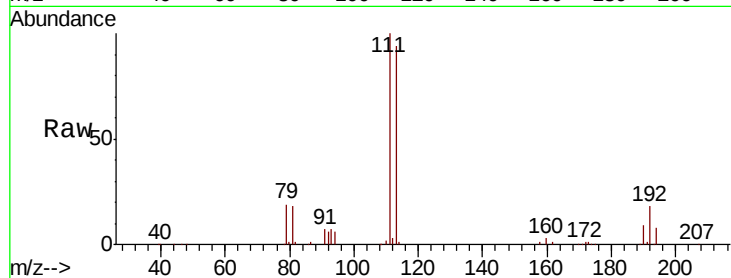
Tgt Ion:113 Resp: 130110

Ion Ratio Lower Upper

113 100

111 101.1 82.4 123.6

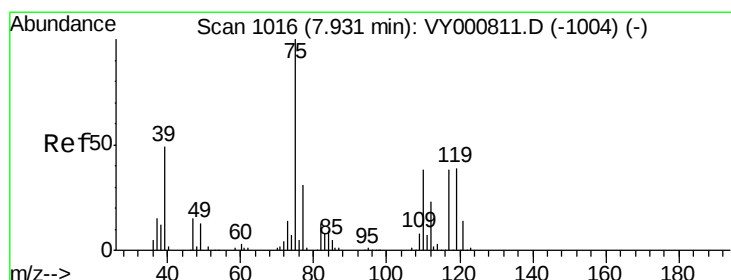
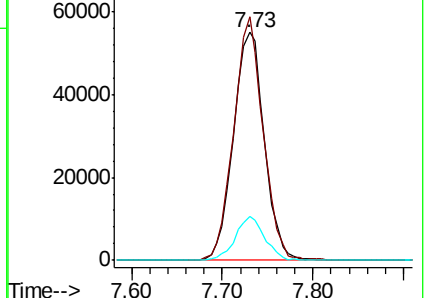
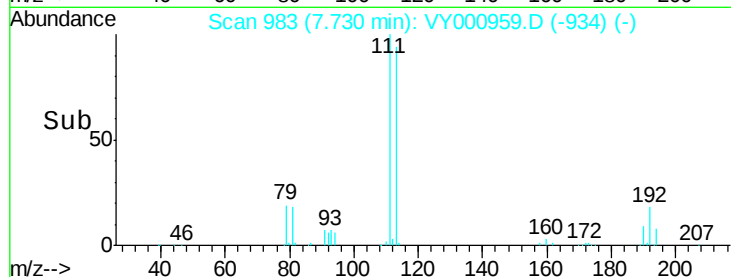
192 18.1 14.2 21.2



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: 4.383 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.13 min

Lab File: VY000959.D

Acq: 16 Dec 2019 16:56

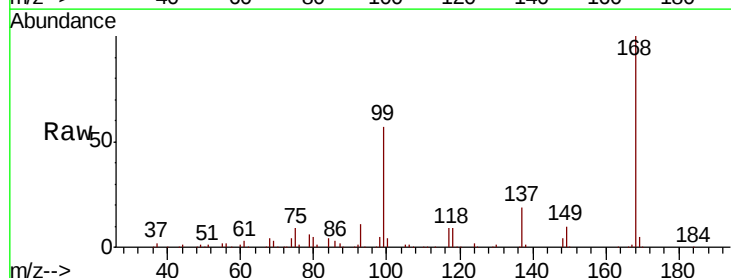
Tgt Ion: 75 Resp: 19018

Ion Ratio Lower Upper

75 100

110 8.9 17.9 53.7#

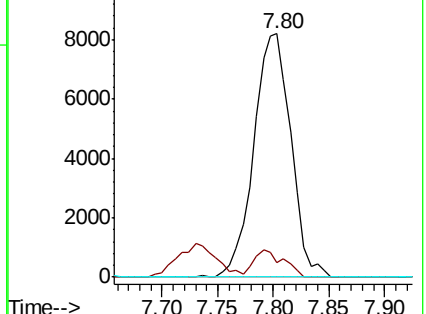
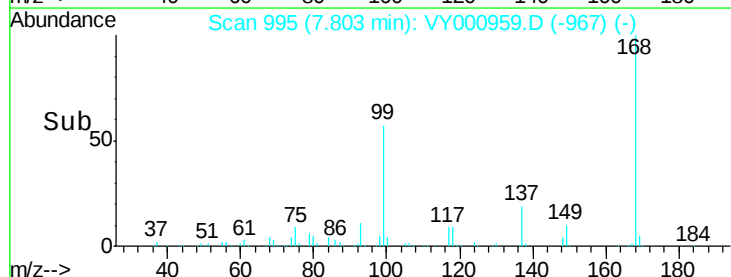
77 0.0 24.7 37.1#

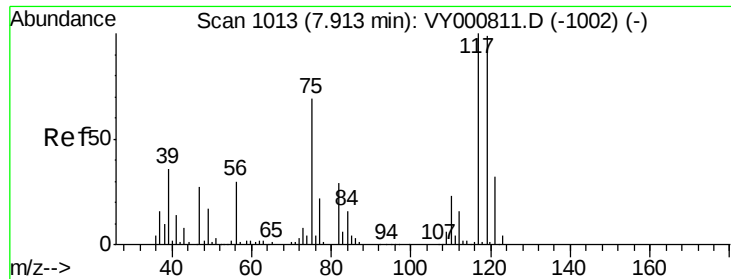


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

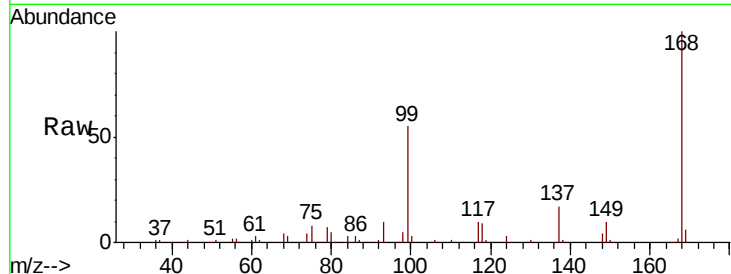




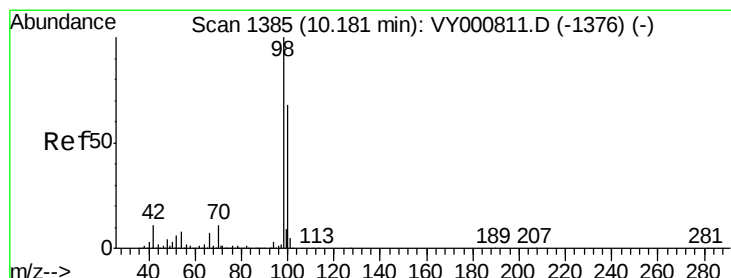
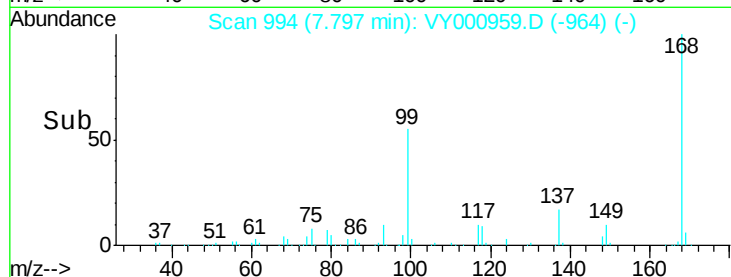
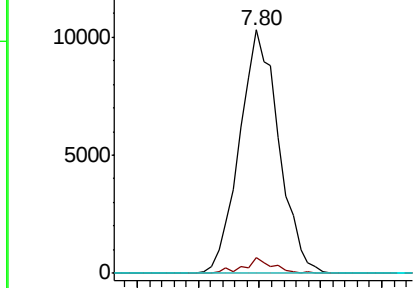
#38
Carbon Tetrachloride
Concen: 5.952 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000959.D
Acq: 16 Dec 2019 16:56

Instrument :
MSVOA_Y
ClientSampleId :
178K-SB5

Tgt Ion:117 Resp: 22997
Ion Ratio Lower Upper
117 100
119 6.6 79.3 118.9#
121 0.0 25.5 38.3#

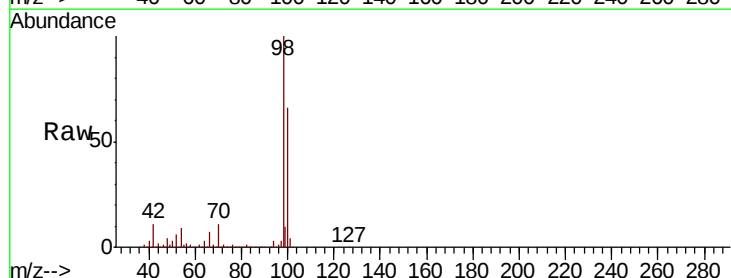


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

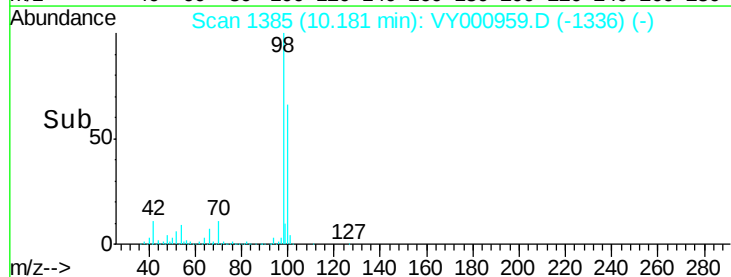
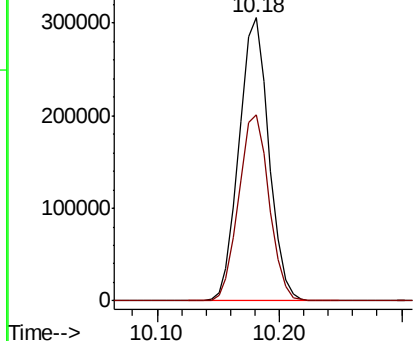


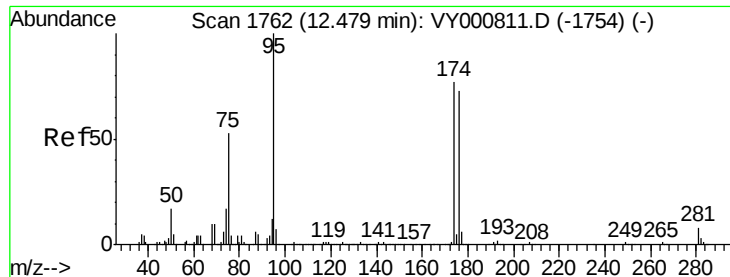
#50
Toluene-d8
Concen: 50.769 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000959.D
Acq: 16 Dec 2019 16:56

Tgt Ion: 98 Resp: 516180
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

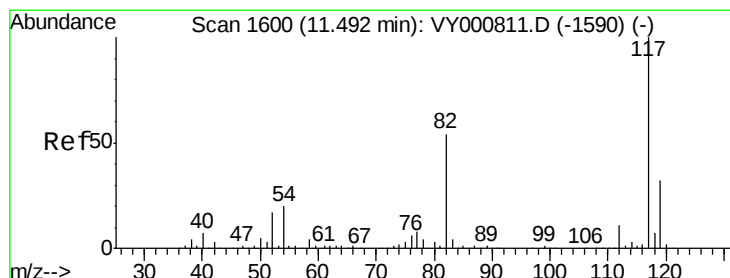
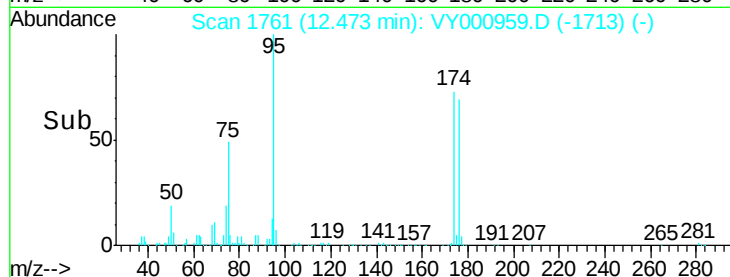
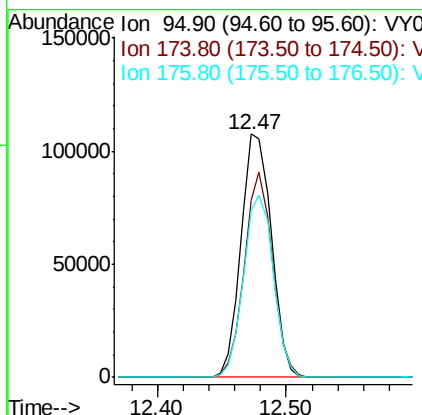
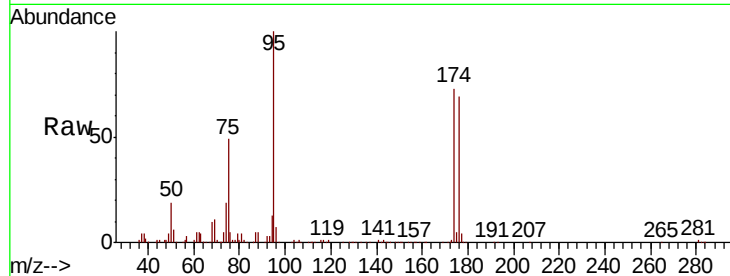




#62
4-Bromofluorobenzene
Concen: 45.868 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY000959.D
Acq: 16 Dec 2019 16:56

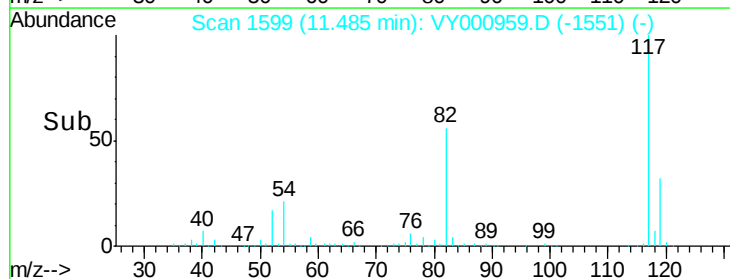
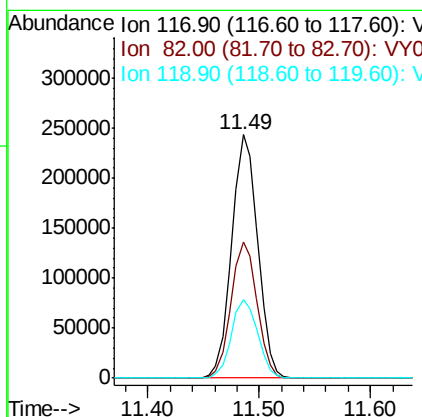
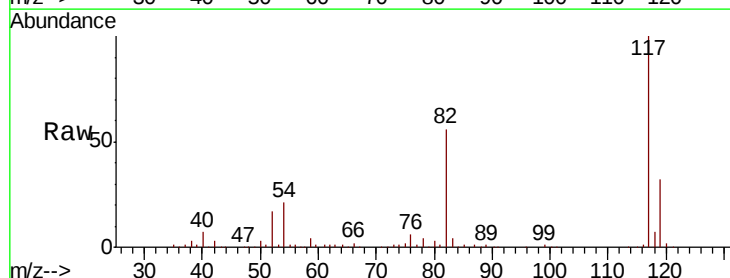
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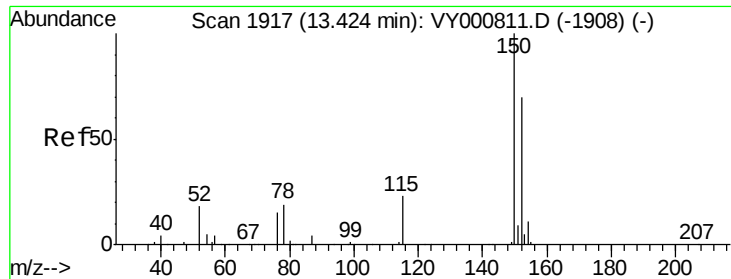
Tgt Ion: 95 Resp: 175138
Ion Ratio Lower Upper
95 100
174 78.0 0.0 150.6
176 73.8 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000959.D
Acq: 16 Dec 2019 16:56

Tgt Ion: 117 Resp: 393555
Ion Ratio Lower Upper
117 100
82 55.9 43.1 64.7
119 32.4 25.3 37.9



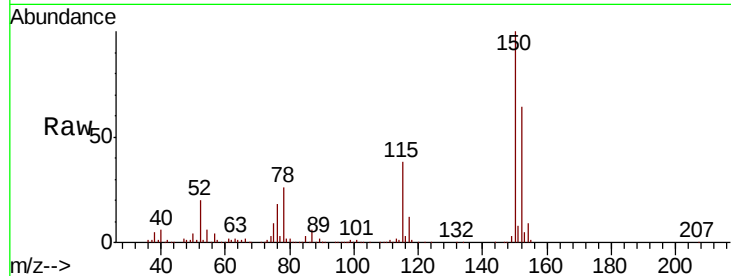


#72

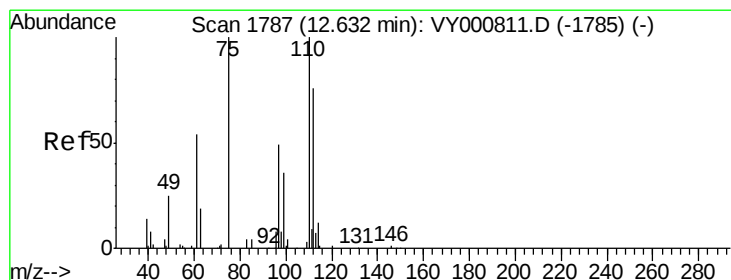
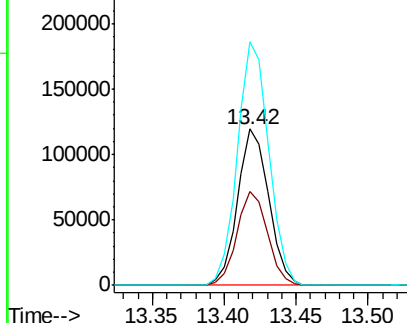
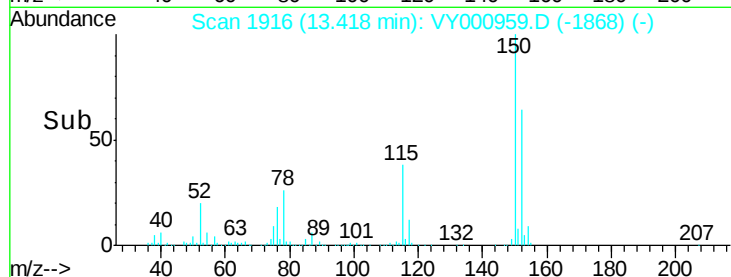
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000959.D
Acq: 16 Dec 2019 16:56

Instrument :
MSVOA_Y
ClientSampleId :
178K-SB5

Tgt Ion:152 Resp: 179342
Ion Ratio Lower Upper
152 100
115 59.2 29.3 87.8
150 156.8 0.0 351.2



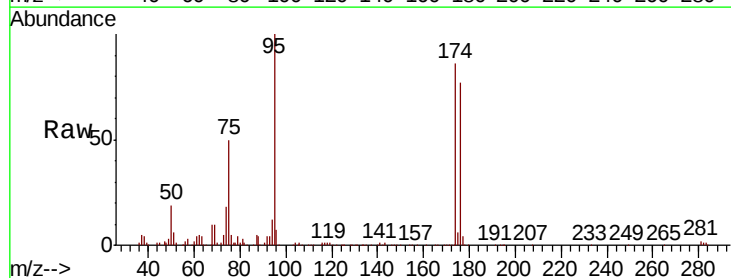
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



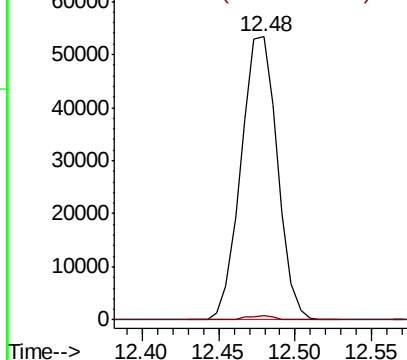
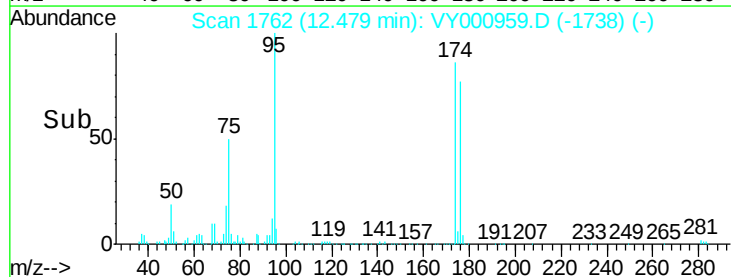
#76

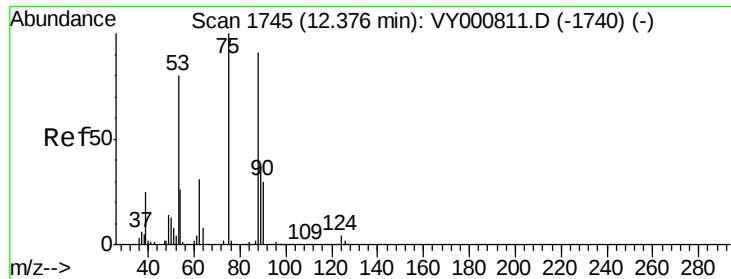
1,2,3-Trichloropropane
Concen: 43.440 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000959.D
Acq: 16 Dec 2019 16:56

Tgt Ion: 75 Resp: 88267
Ion Ratio Lower Upper
75 100
77 1.3 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: 85.329 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000959.D

Acq: 16 Dec 2019 16:56

Instrument :

MSVOA_Y

ClientSampleId :

178K-SB5

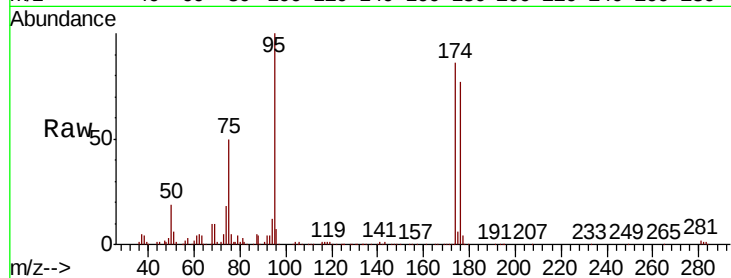
Tgt Ion: 75 Resp: 88267

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.3 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

