

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
 Data File : VY001184.D
 Acq On : 13 Jan 2020 16:53
 Operator : SY/MD
 Sample : L1107-02
 Misc : 5.29G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-209-3.0

Quant Time: Jan 14 10:13:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	145394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	267945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	242824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	105997	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	83418	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.64%		
35) Dibromofluoromethane	7.72	113	80818	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.04%		
50) Toluene-d8	10.18	98	318334	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.32%		
62) 4-Bromofluorobenzene	12.48	95	115997	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.88%		

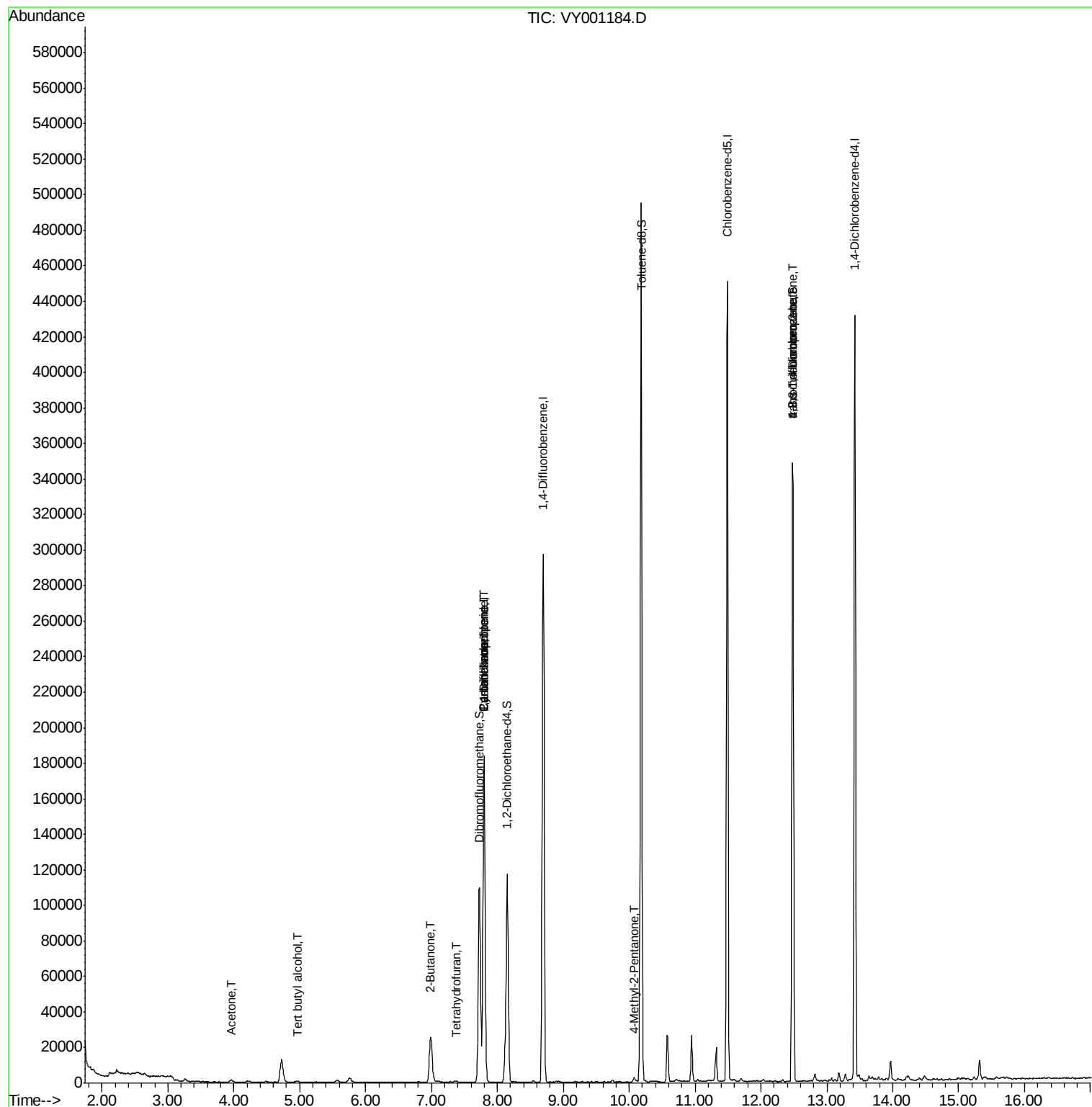
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	1134	7.340	ug/l #	88
16) Acetone	3.96	43	2878	8.070	ug/l #	84
25) 2-Butanone	6.99	43	1917	3.454	ug/l #	83
29) Tetrahydrofuran	7.36	42	638	1.677	ug/l #	52
31) Cyclohexane	7.80	56	3158	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	11026	4.515	ug/l #	49
38) Carbon Tetrachloride	7.80	117	13430	6.001	ug/l #	14
51) 4-Methyl-2-Pentanone	10.07	43	2027	1.458	ug/l #	84
76) 1,2,3-Trichloropropane	12.48	75	54744	48.245	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	54744	81.813	ug/l #	6

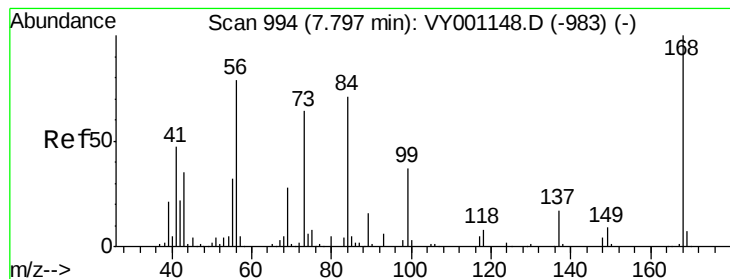
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001184.D

Acq: 13 Jan 2020 16:53

Instrument :

MSVOA_Y

ClientSampleId :

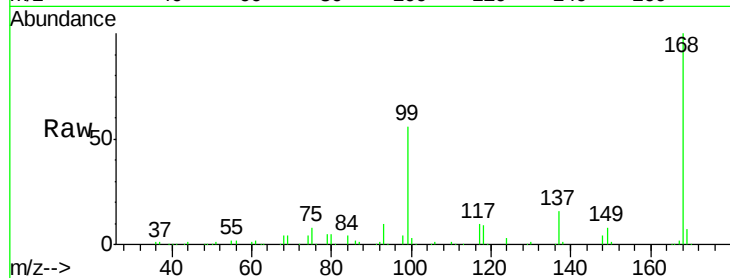
BW-209-3.0

Tgt Ion:168 Resp: 145394

Ion Ratio Lower Upper

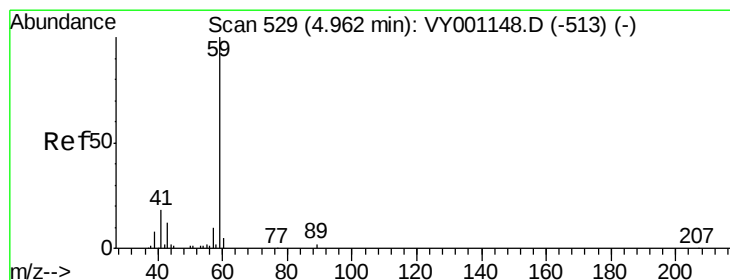
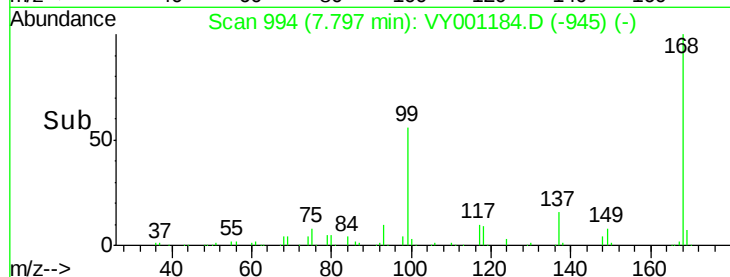
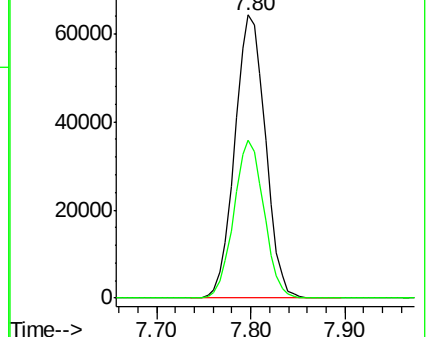
168 100

99 55.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001184.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001184.D (-983) (-)



#11

Tert butyl alcohol

Concen: 7.340 ug/l

RT: 4.96 min Scan# 529

Delta R.T. 0.00 min

Lab File: VY001184.D

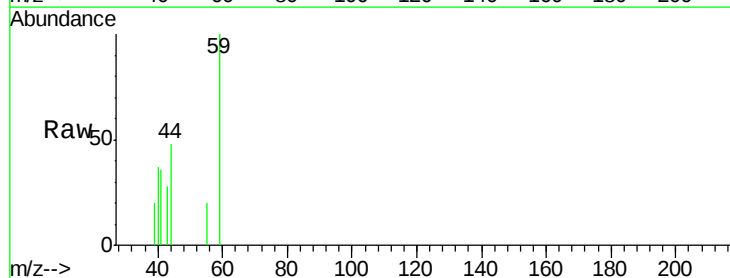
Acq: 13 Jan 2020 16:53

Tgt Ion: 59 Resp: 1134

Ion Ratio Lower Upper

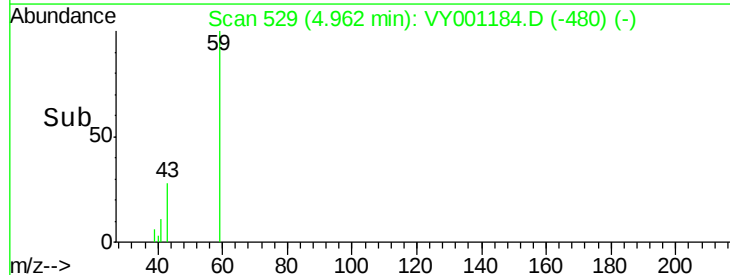
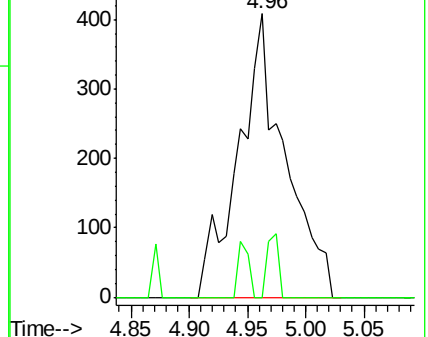
59 100

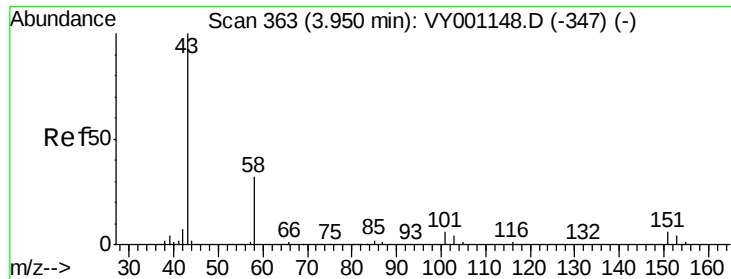
57 5.6 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001184.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY001184.D (-513) (-)





#16

Acetone

Concen: 8.070 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001184.D

Acq: 13 Jan 2020 16:53

Instrument :

MSVOA_Y

ClientSampled :

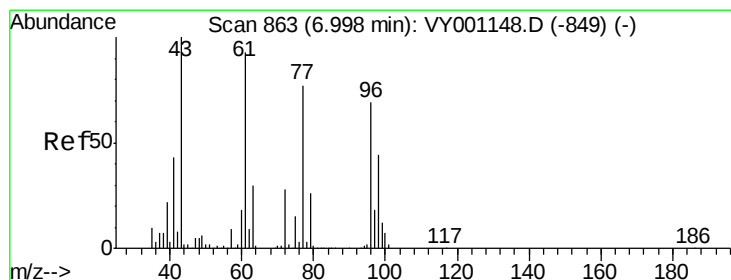
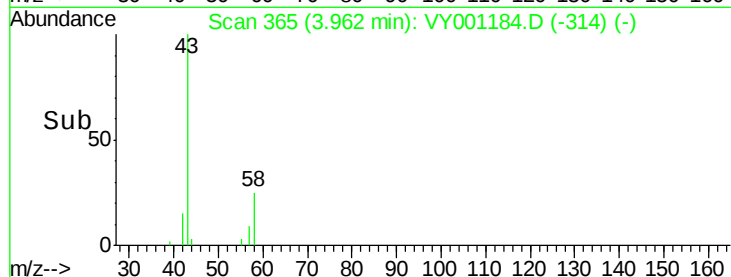
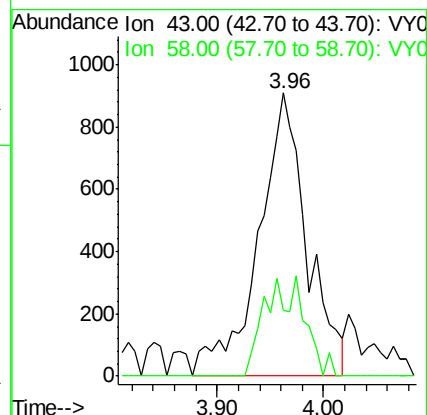
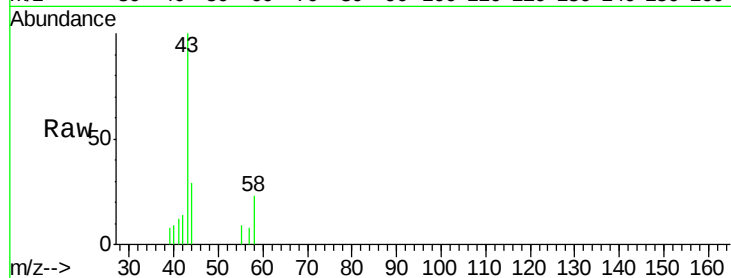
BW-209-3.0

Tgt Ion: 43 Resp: 2878

Ion Ratio Lower Upper

43 100

58 23.1 25.8 38.6#



#25

2-Butanone

Concen: 3.454 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001184.D

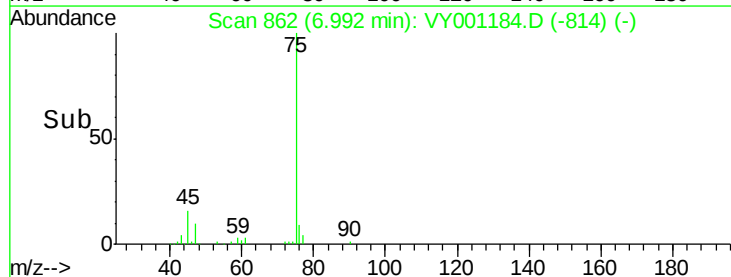
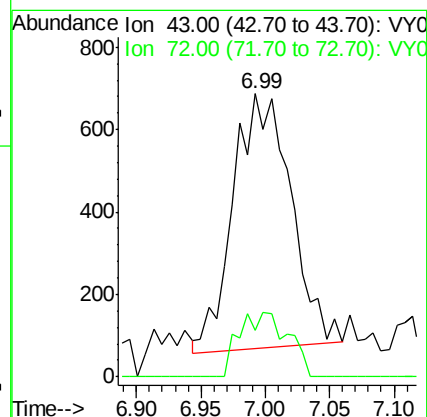
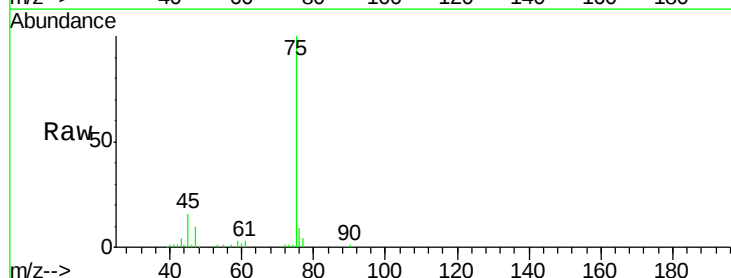
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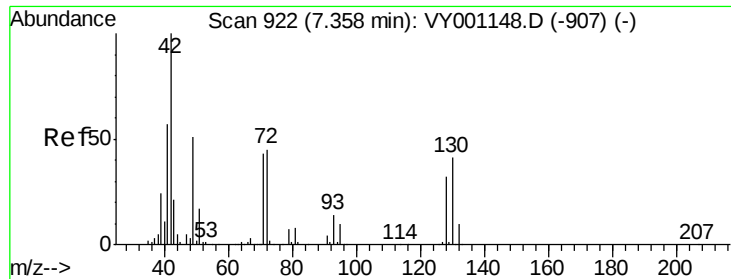
Tgt Ion: 43 Resp: 1917

Ion Ratio Lower Upper

43 100

72 18.6 22.2 33.2#

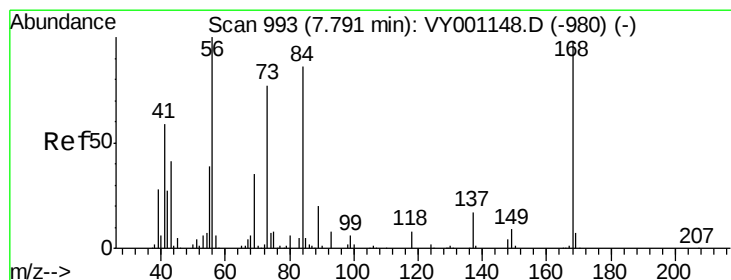
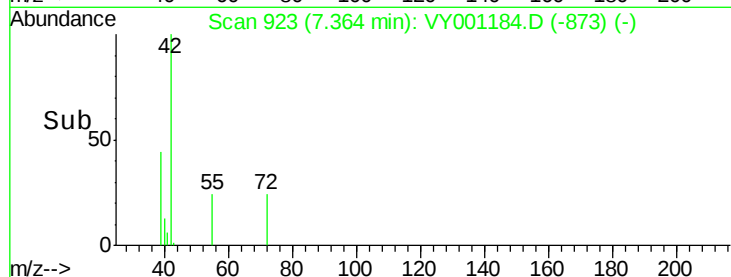
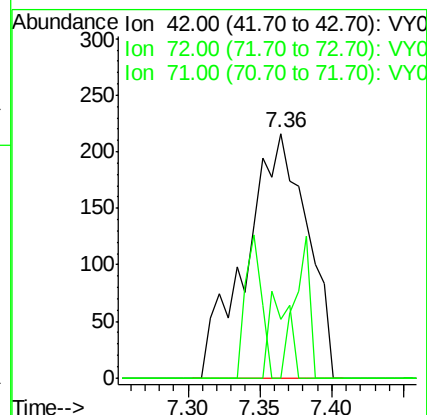
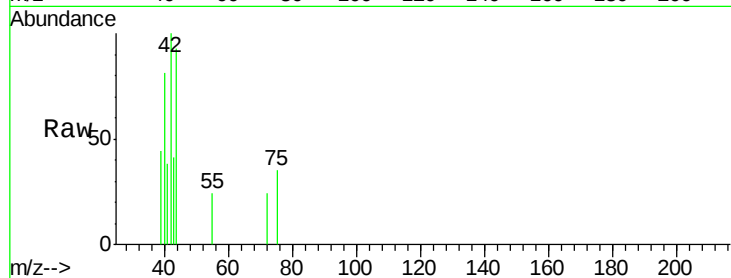




#29
Tetrahydrofuran
Concen: 1.677 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001184.D
Acq: 13 Jan 2020 16:53

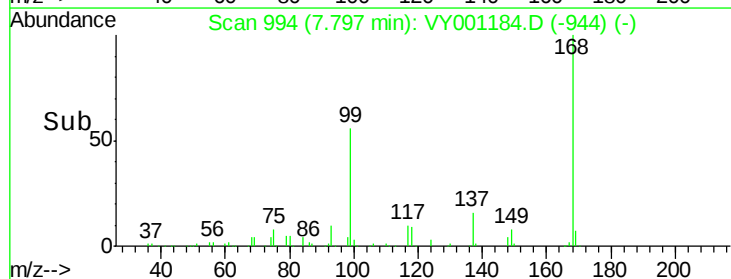
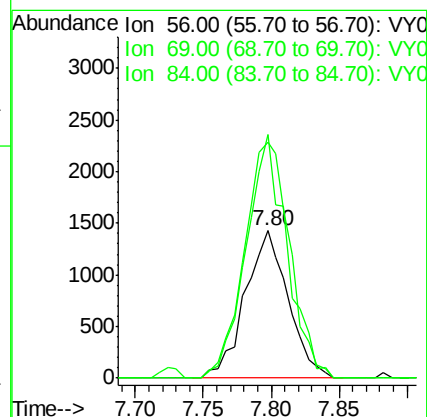
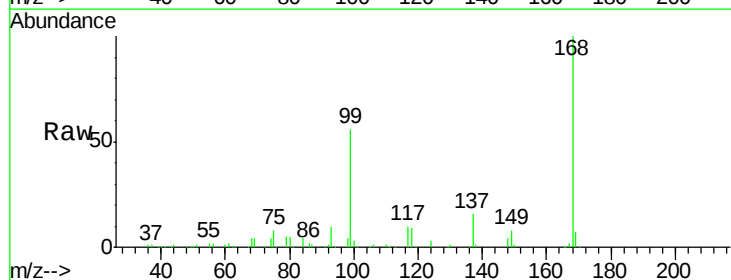
Instrument :
MSVOA_Y
ClientSampleId :
BW-209-3.0

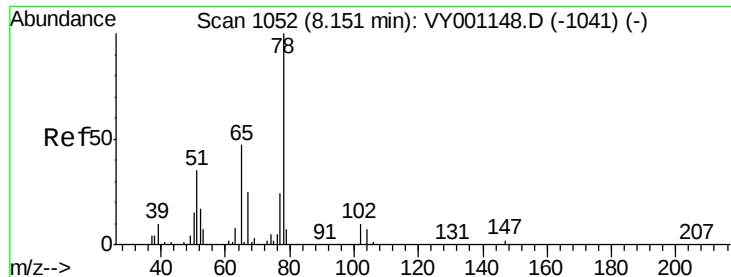
Tgt Ion: 42 Resp: 638
Ion Ratio Lower Upper
42 100
72 11.1 36.9 55.3#
71 15.5 34.0 51.0#



#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001184.D
Acq: 13 Jan 2020 16:53

Tgt Ion: 56 Resp: 3158
Ion Ratio Lower Upper
56 100
69 159.9 27.8 41.8#
84 165.1 68.9 103.3#

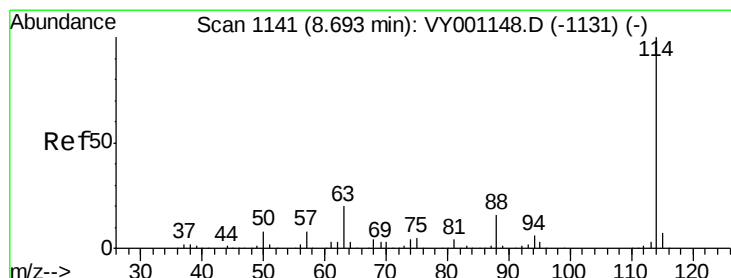
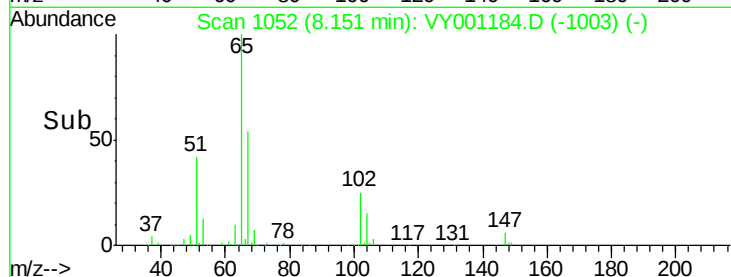
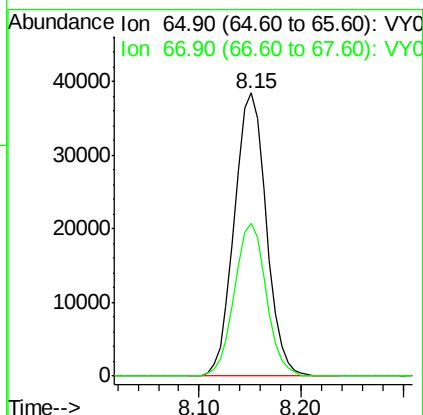
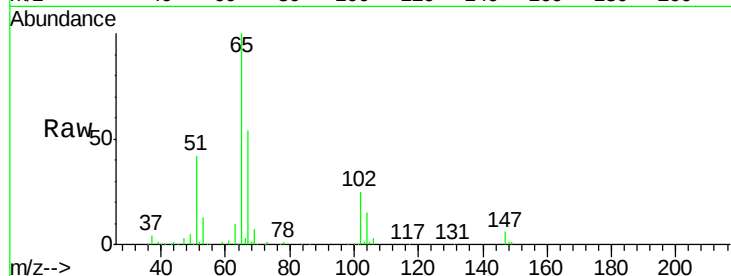




#33
 1,2-Dichloroethane-d4
 Concen: 54.322 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001184.D
 Acq: 13 Jan 2020 16:53

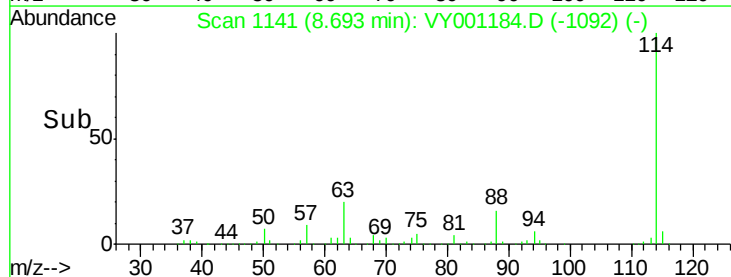
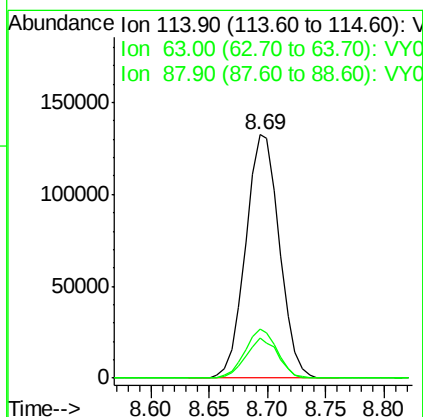
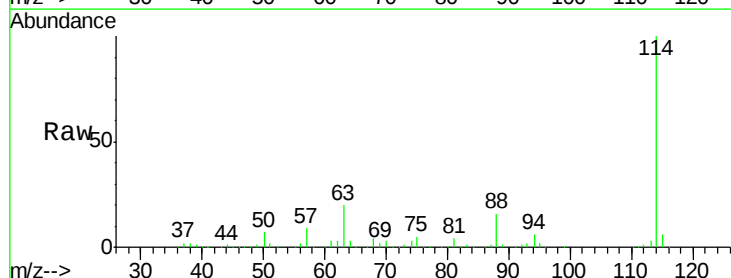
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-209-3.0

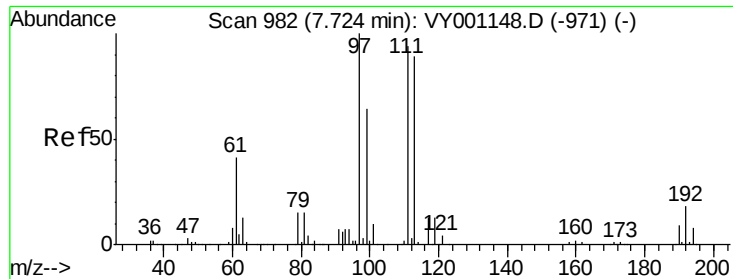
Tgt Ion: 65 Resp: 83418
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY001184.D
 Acq: 13 Jan 2020 16:53

Tgt Ion: 114 Resp: 267945
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 16.2 0.0 32.4

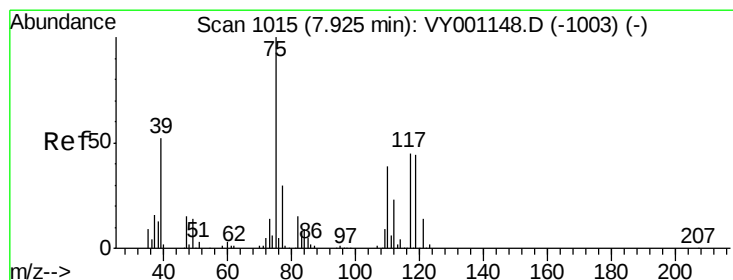
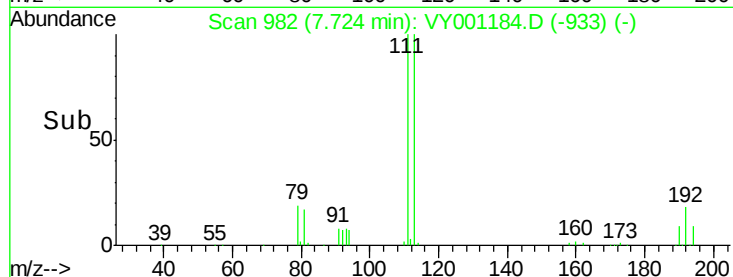
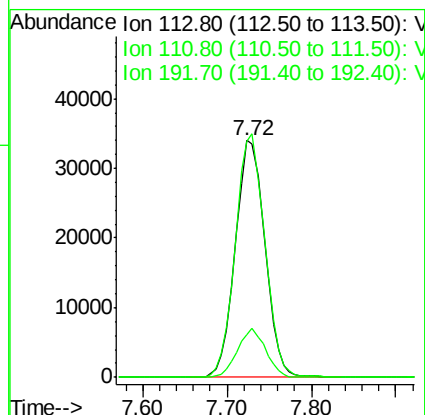
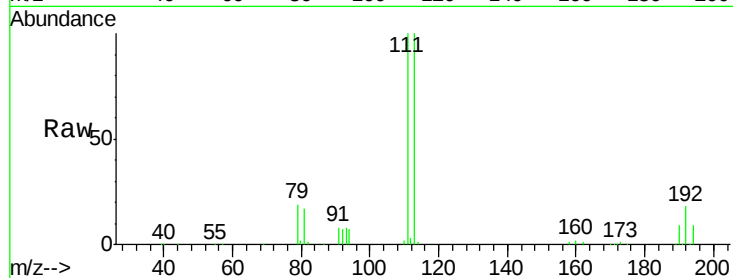




#35
 Dibromofluoromethane
 Concen: 51.515 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001184.D
 Acq: 13 Jan 2020 16:53

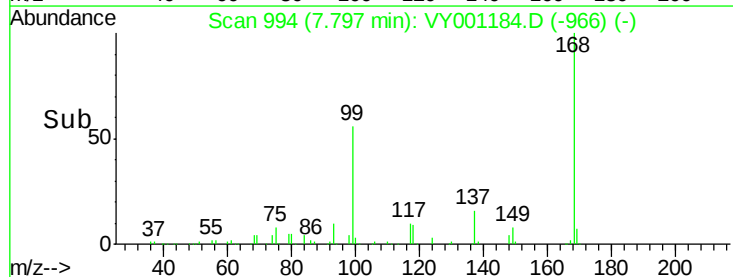
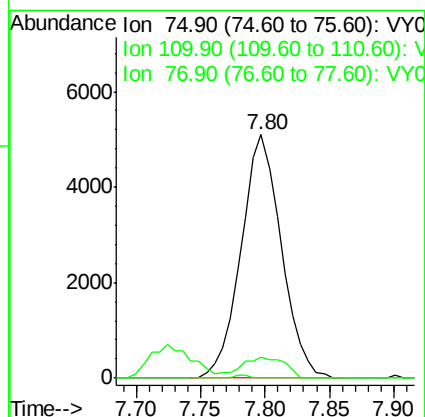
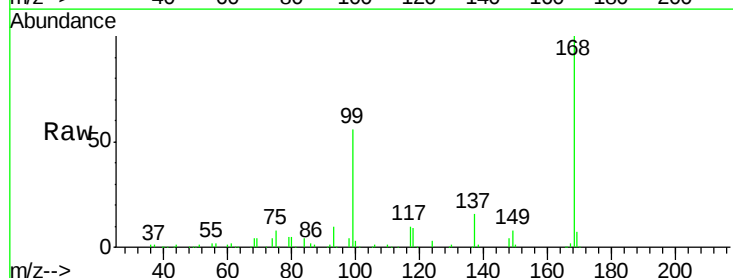
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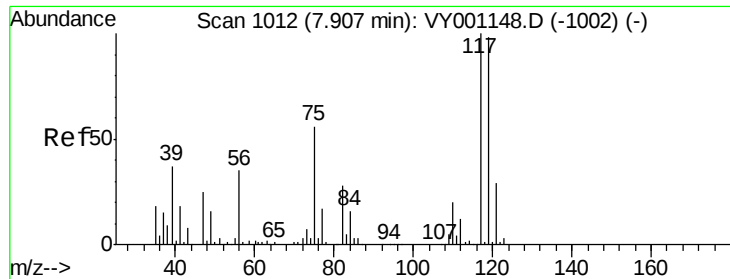
Tgt Ion: 113 Resp: 80818
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.9 124.3
 192 19.6 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.515 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001184.D
 Acq: 13 Jan 2020 16:53

Tgt Ion: 75 Resp: 11026
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.3 54.8#
 77 0.4 25.1 37.7#

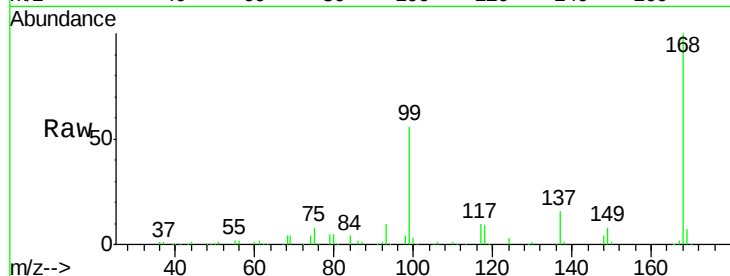




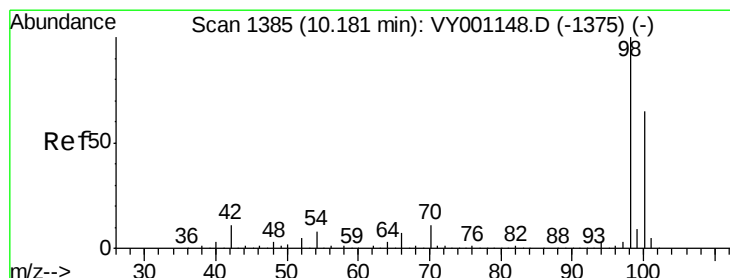
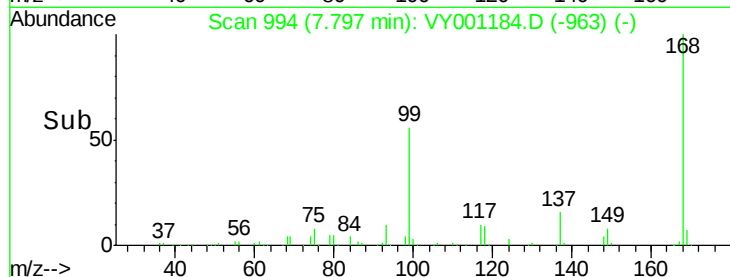
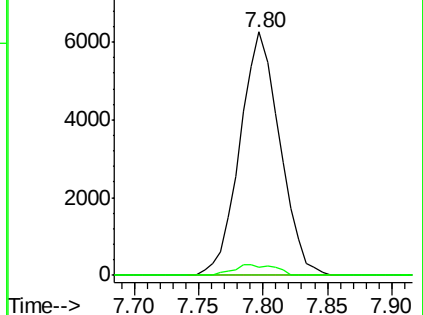
#38
Carbon Tetrachloride
Concen: 6.001 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001184.D
Acq: 13 Jan 2020 16:53

Instrument :
MSVOA_Y
ClientSampleId :
BW-209-3.0

Tgt Ion:117 Resp: 13430
Ion Ratio Lower Upper
117 100
119 3.5 78.3 117.5#
121 0.0 23.5 35.3#

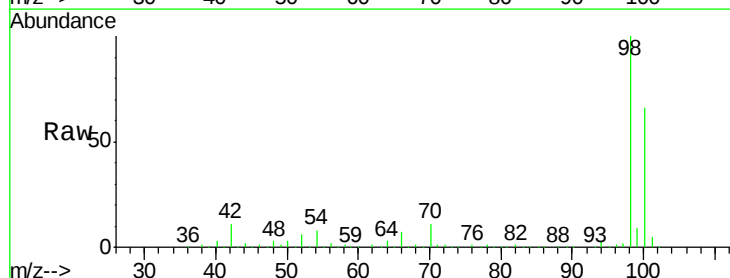


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

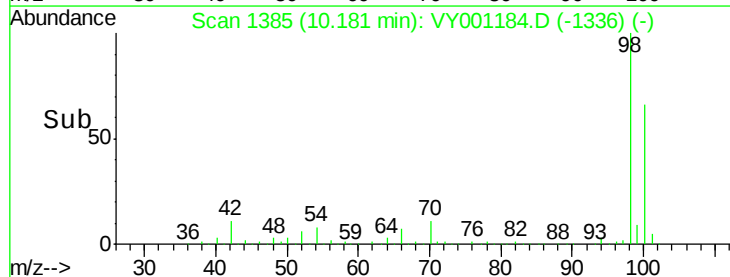
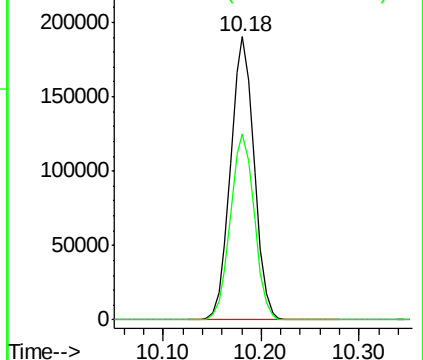


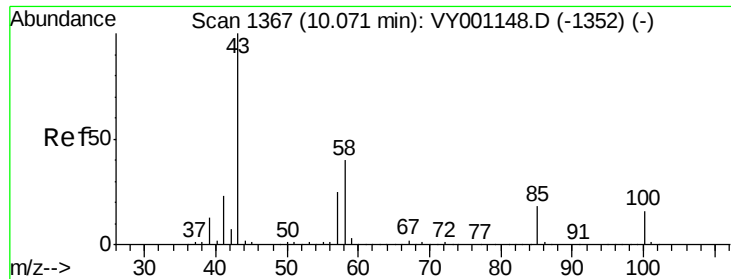
#50
Toluene-d8
Concen: 52.662 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001184.D
Acq: 13 Jan 2020 16:53

Tgt Ion: 98 Resp: 318334
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



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

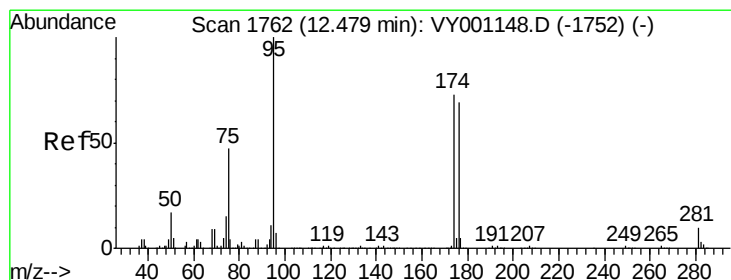
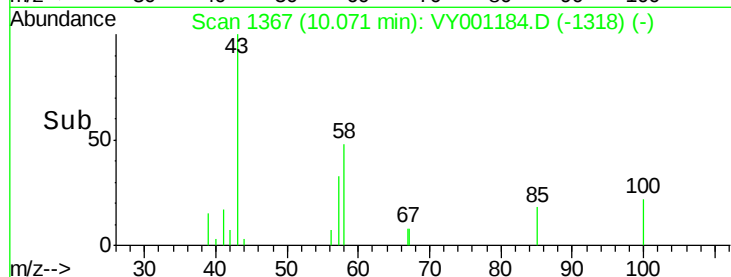
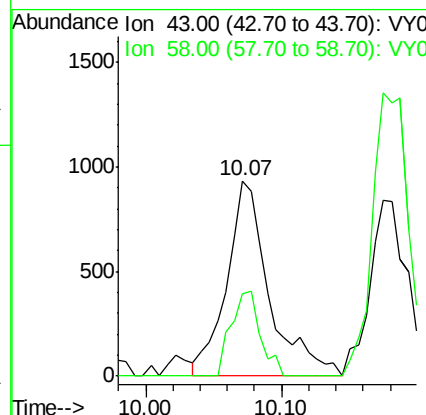
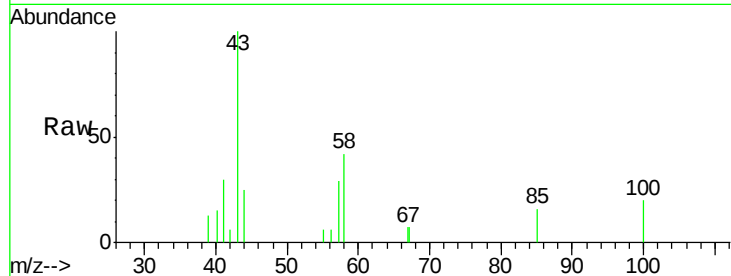




#51
 4-Methyl-2-Pentanone
 Concen: 1.458 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY001184.D
 Acq: 13 Jan 2020 16:53

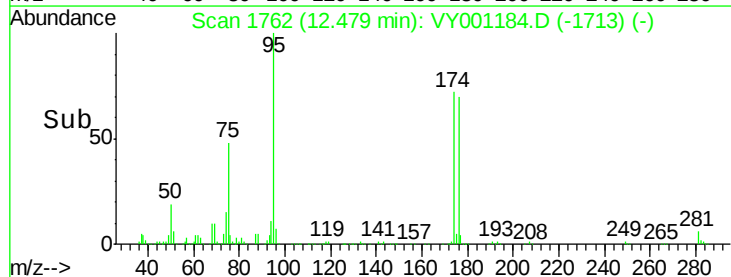
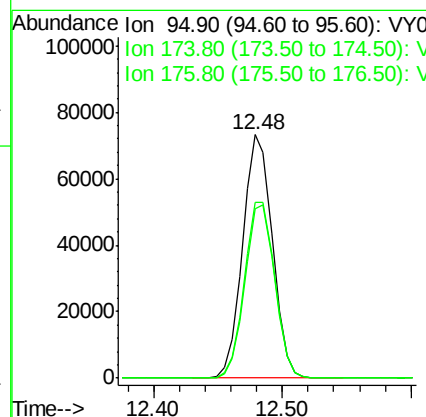
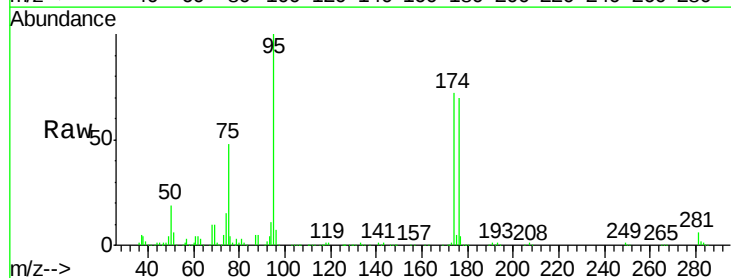
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 BW-209-3.0

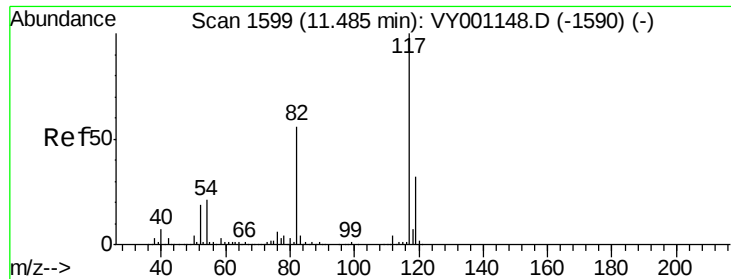
Tgt Ion: 43 Resp: 2027
 Ion Ratio Lower Upper
 43 100
 58 30.2 32.3 48.5#



#62
 4-Bromofluorobenzene
 Concen: 46.937 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001184.D
 Acq: 13 Jan 2020 16:53

Tgt Ion: 95 Resp: 115997
 Ion Ratio Lower Upper
 95 100
 174 74.4 0.0 143.2
 176 71.6 0.0 136.0

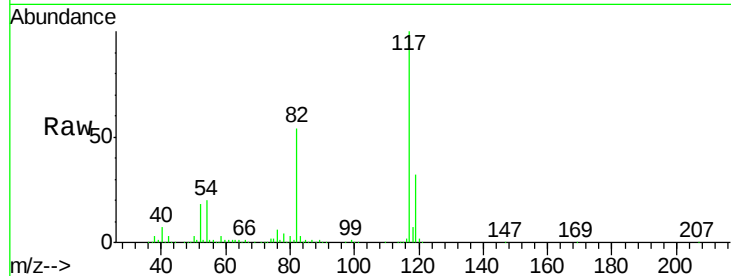




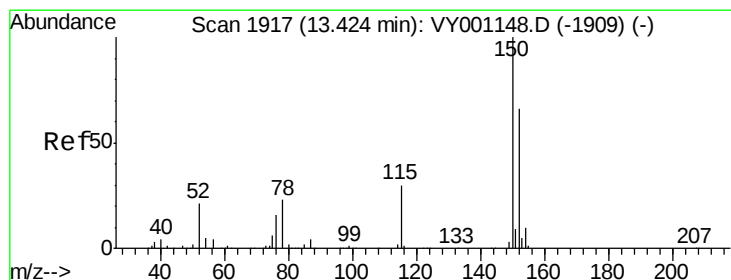
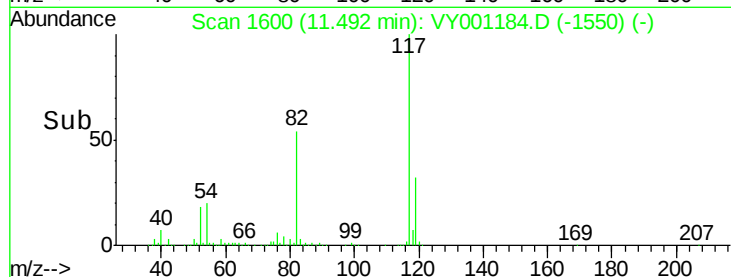
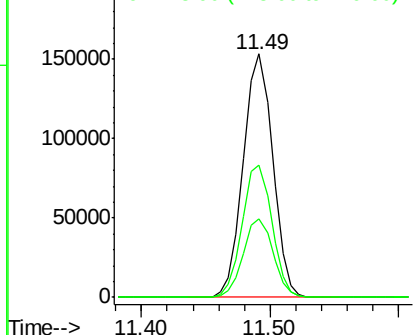
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001184.D
Acq: 13 Jan 2020 16:53

Instrument :
MSVOA_Y
ClientSampleId :
BW-209-3.0

Tgt Ion:117 Resp: 242824
Ion Ratio Lower Upper
117 100
82 54.3 44.9 67.3
119 32.3 25.7 38.5

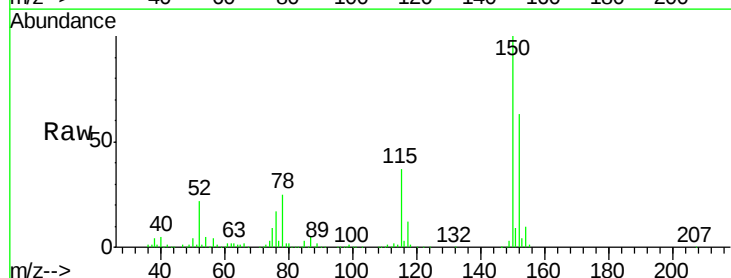


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

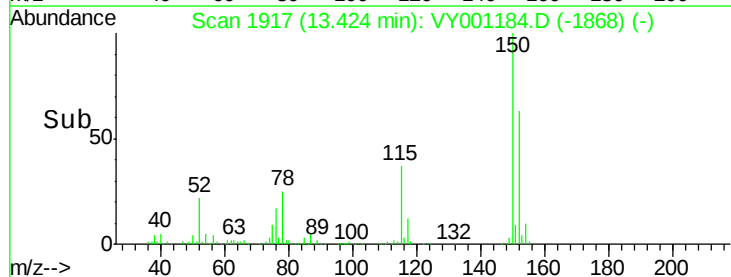
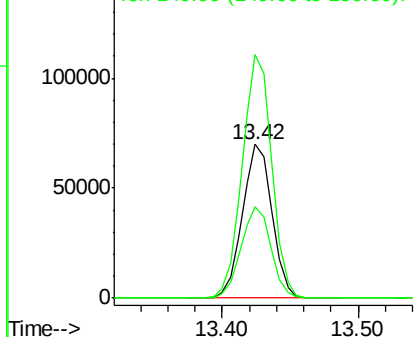


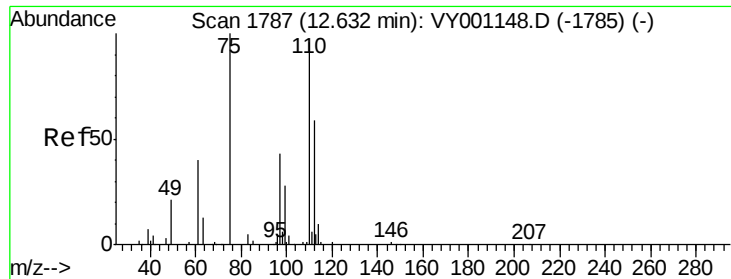
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001184.D
Acq: 13 Jan 2020 16:53

Tgt Ion:152 Resp: 105997
Ion Ratio Lower Upper
152 100
115 59.7 30.9 92.5
150 158.1 0.0 346.8



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: 48.245 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001184.D

Acq: 13 Jan 2020 16:53

Instrument :

MSVOA_Y

ClientSampleId :

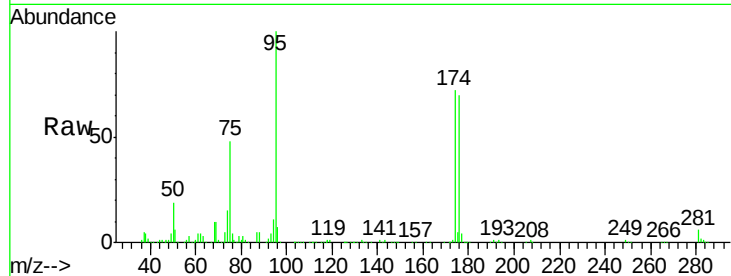
BW-209-3.0

Tgt Ion: 75 Resp: 54744

Ion Ratio Lower Upper

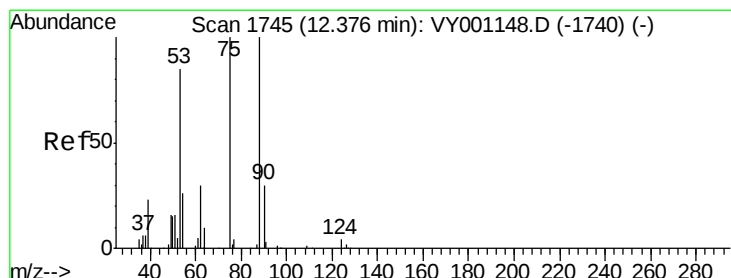
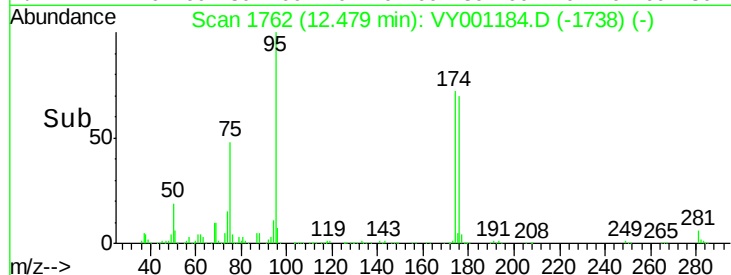
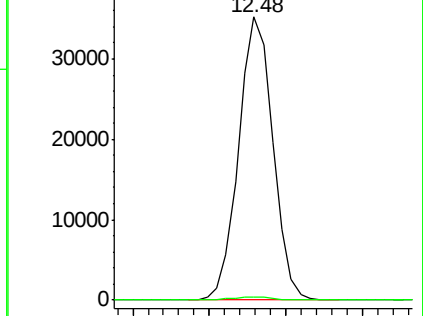
75 100

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: 81.813 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001184.D

Acq: 13 Jan 2020 16:53

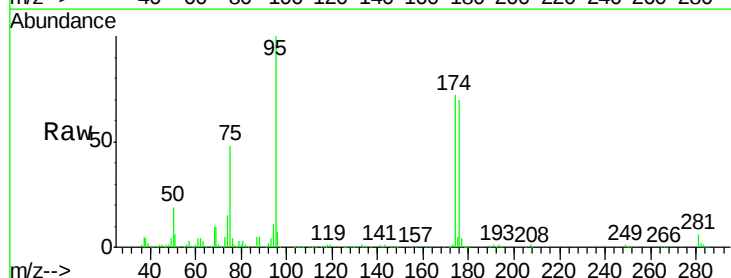
Tgt Ion: 75 Resp: 54744

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.1 0.0 0.0#



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

