

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
 Data File : VY001183.D
 Acq On : 13 Jan 2020 16:01
 Operator : SY/MD
 Sample : L1107-01
 Misc : 5.64G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-2-3.0

Quant Time: Jan 14 10:13:17 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	144526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	268113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	248983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	116536	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	85805	56.21	ug/l	0.00
Spiked Amount			Recovery	=	112.42%	
35) Dibromofluoromethane	7.73	113	81403	51.86	ug/l	0.00
Spiked Amount			Recovery	=	103.72%	
50) Toluene-d8	10.18	98	317726	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.48	95	119813	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	

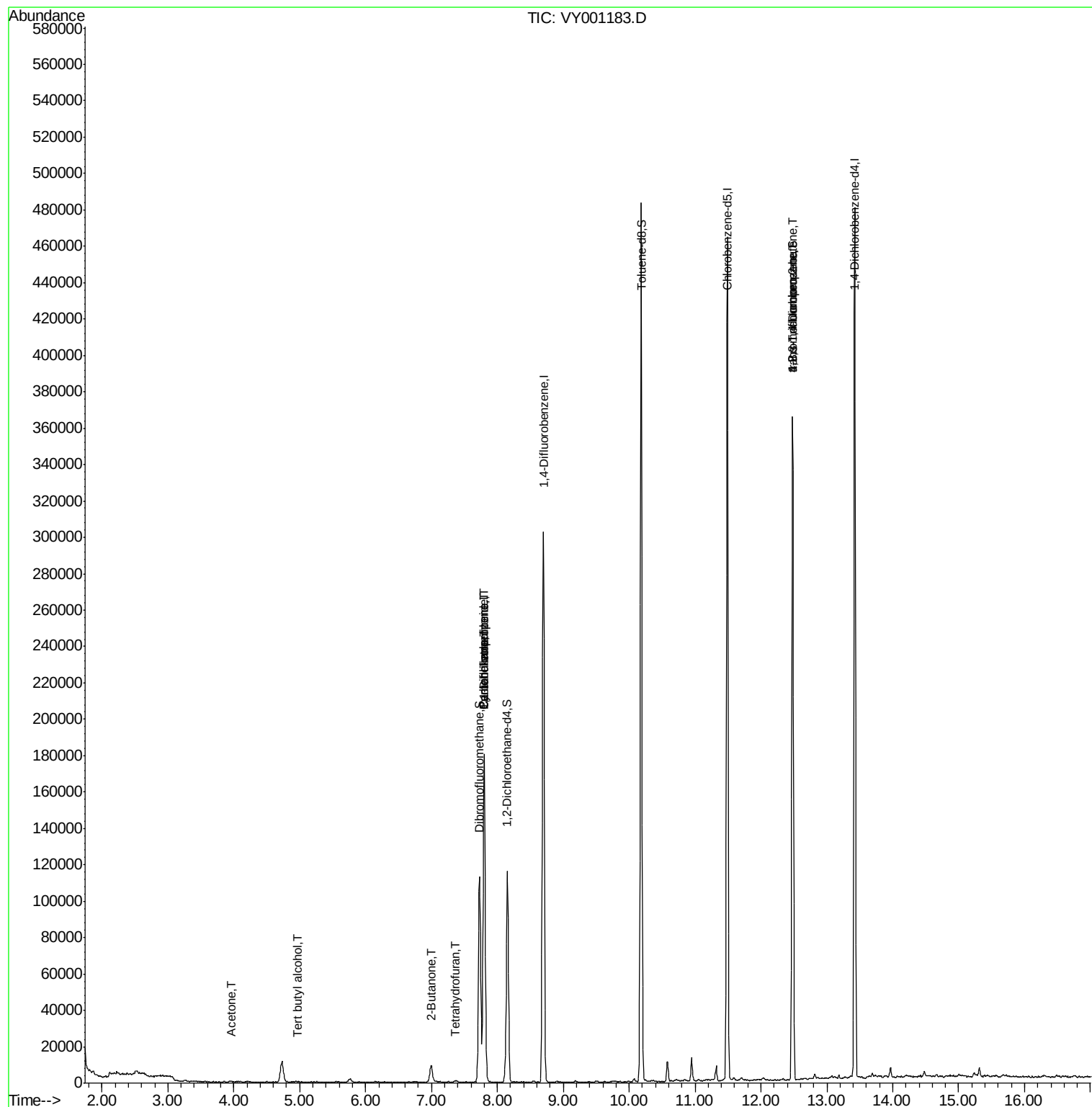
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.97	59	159	1.035	ug/l #	73
16) Acetone	3.96	43	1651	4.657	ug/l	97
25) 2-Butanone	7.00	43	1259	2.282	ug/l #	80
29) Tetrahydrofuran	7.36	42	421	1.113	ug/l #	71
31) Cyclohexane	7.80	56	3022	1.024	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	10482	4.289	ug/l #	48
38) Carbon Tetrachloride	7.80	117	13476	6.017	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	57437	46.041	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	57437	78.075	ug/l #	6

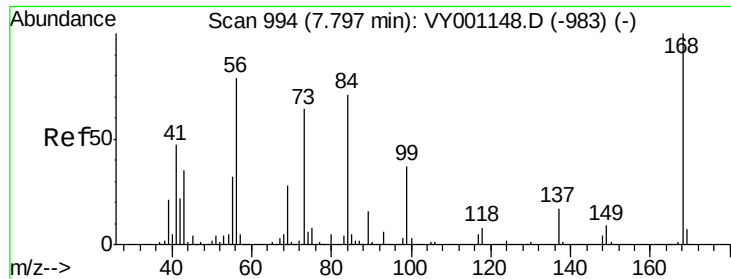
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
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Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001183.D

Acq: 13 Jan 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

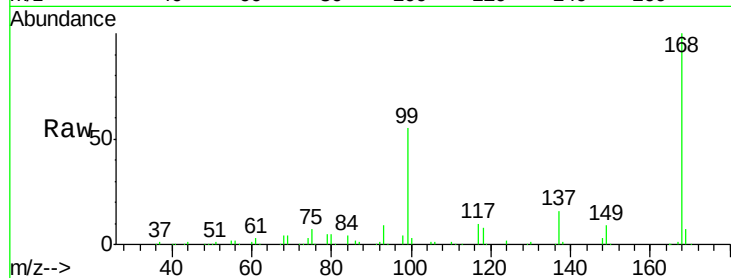
BW-2-3.0

Tgt Ion:168 Resp: 144526

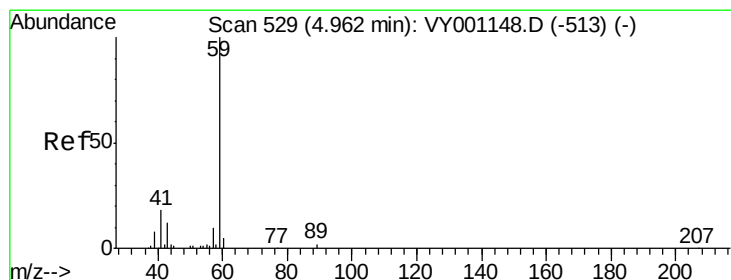
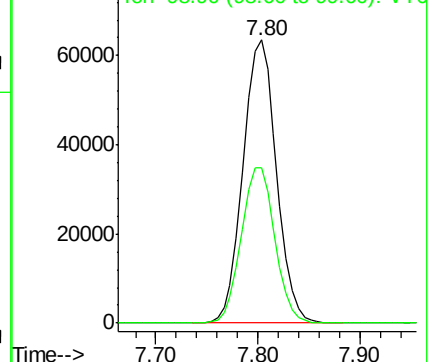
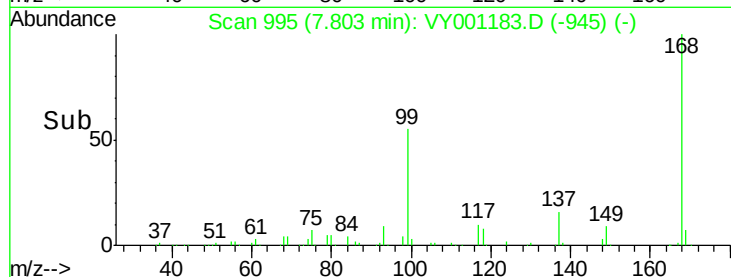
Ion Ratio Lower Upper

168 100

99 55.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001183.D (-945) (-)



#11

Tert butyl alcohol

Concen: 1.035 ug/l

RT: 4.97 min Scan# 531

Delta R.T. 0.01 min

Lab File: VY001183.D

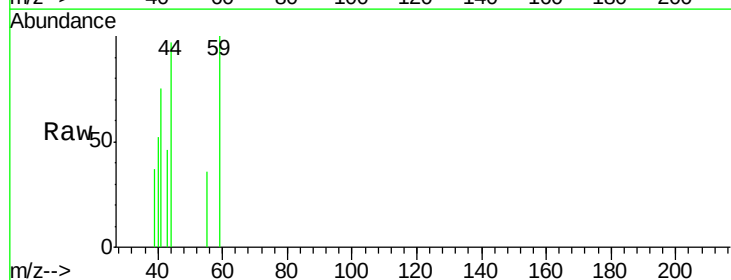
Acq: 13 Jan 2020 16:01

Tgt Ion: 59 Resp: 159

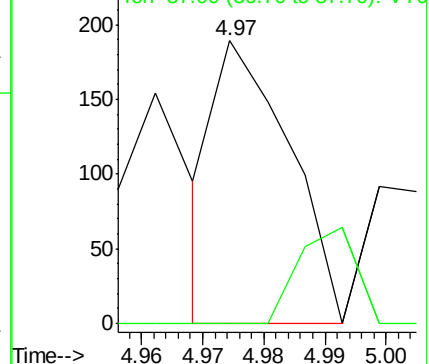
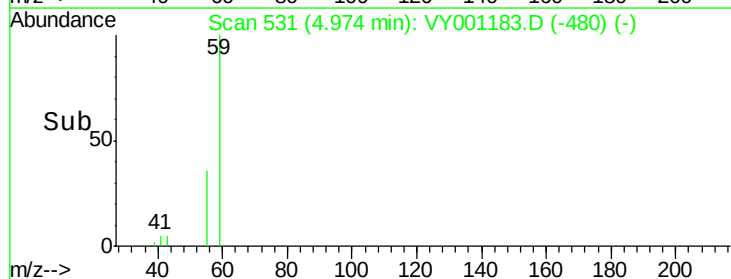
Ion Ratio Lower Upper

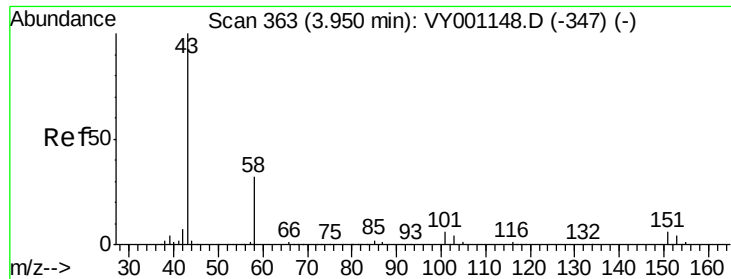
59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001183.D (-480) (-)





#16

Acetone

Concen: 4.657 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001183.D

Acq: 13 Jan 2020 16:01

Instrument :

MSVOA_Y

ClientSampled :

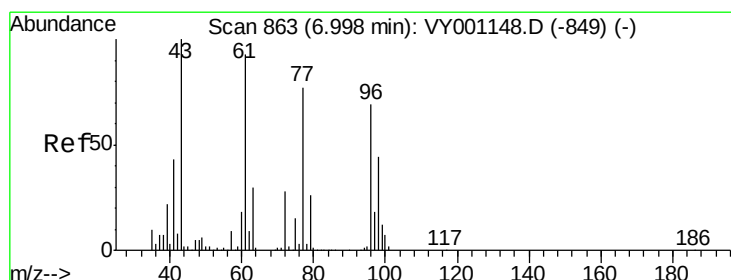
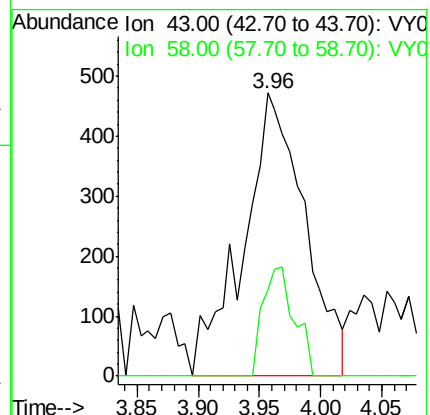
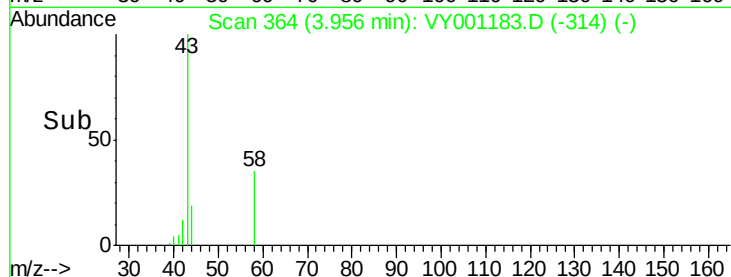
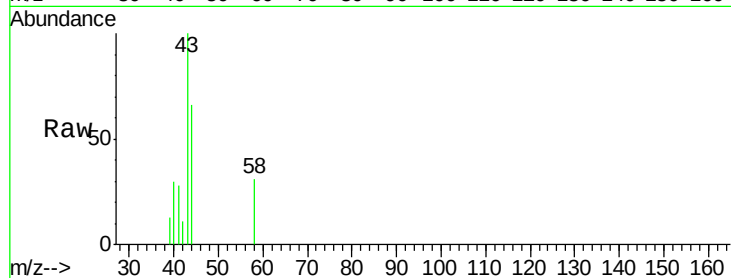
BW-2-3.0

Tgt Ion: 43 Resp: 1651

Ion Ratio Lower Upper

43 100

58 30.5 25.8 38.6



#25

2-Butanone

Concen: 2.282 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001183.D

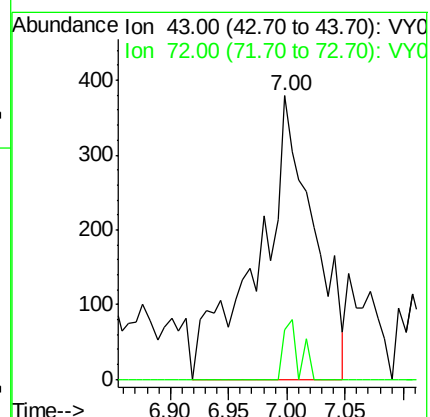
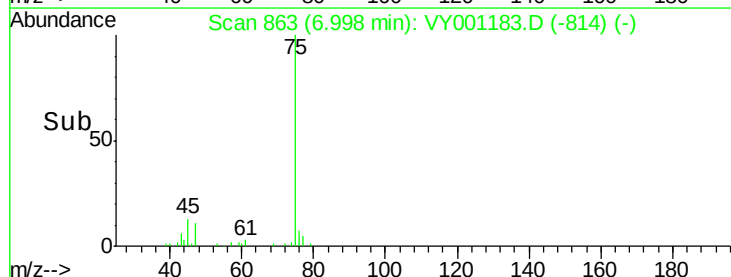
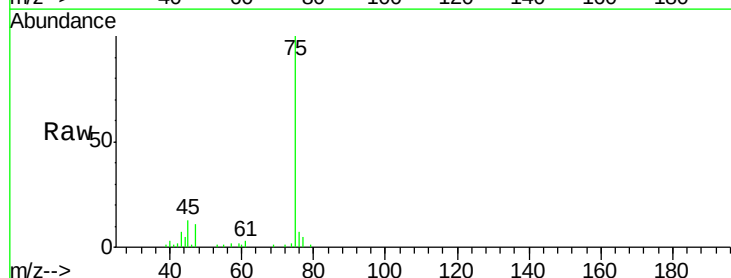
Acq: 13 Jan 2020 16:01

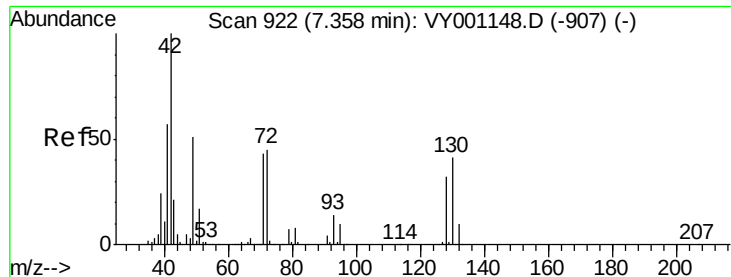
Tgt Ion: 43 Resp: 1259

Ion Ratio Lower Upper

43 100

72 17.4 22.2 33.2#

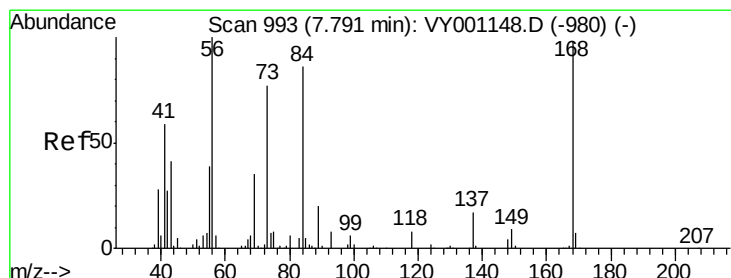
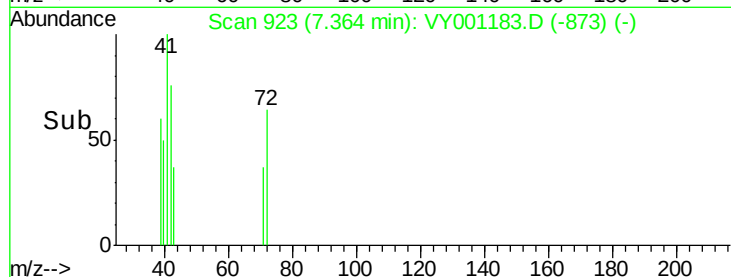
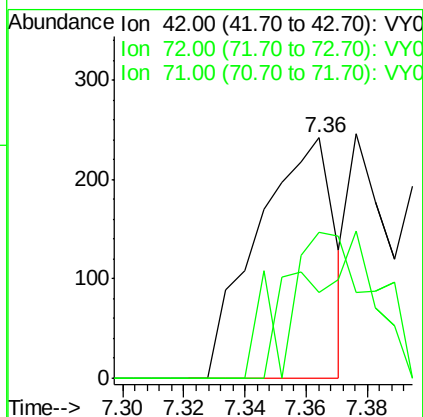
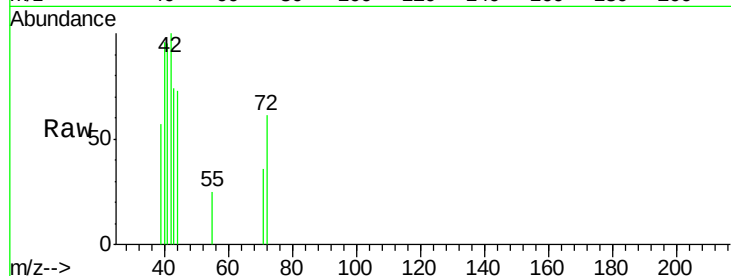




#29
Tetrahydrofuran
Concen: 1.113 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001183.D
Acq: 13 Jan 2020 16:01

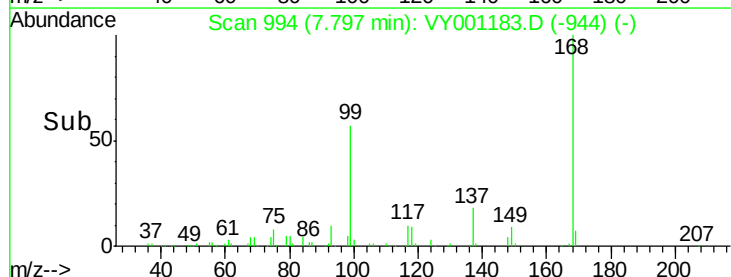
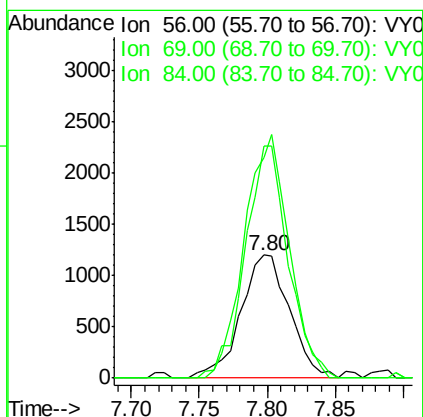
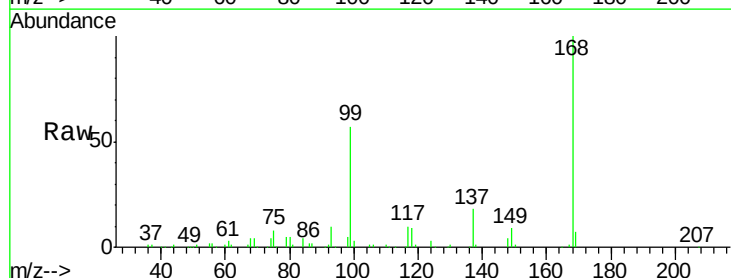
Instrument :
MSVOA_Y
ClientSampleId :
BW-2-3.0

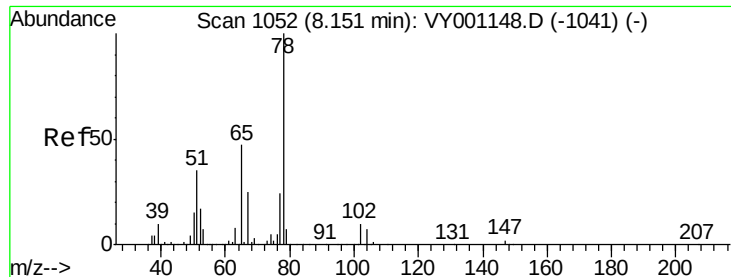
Tgt Ion: 42 Resp: 421
Ion Ratio Lower Upper
42 100
72 68.6 36.9 55.3#
71 57.7 34.0 51.0#



#31
Cyclohexane
Concen: 1.024 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.01 min
Lab File: VY001183.D
Acq: 13 Jan 2020 16:01

Tgt Ion: 56 Resp: 3022
Ion Ratio Lower Upper
56 100
69 179.3 27.8 41.8#
84 188.6 68.9 103.3#

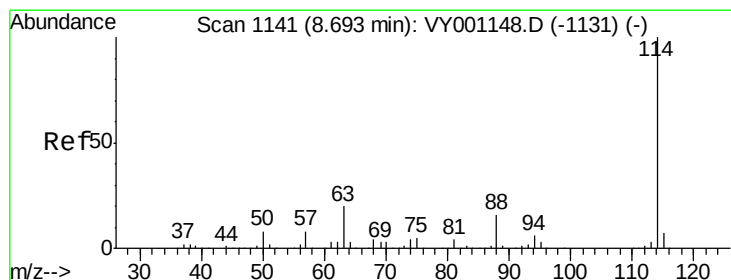
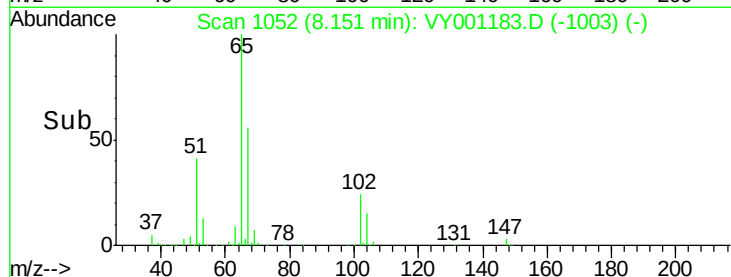
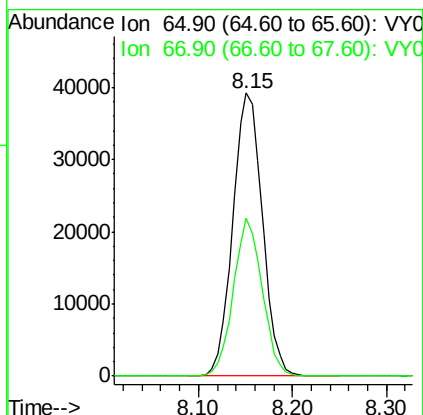
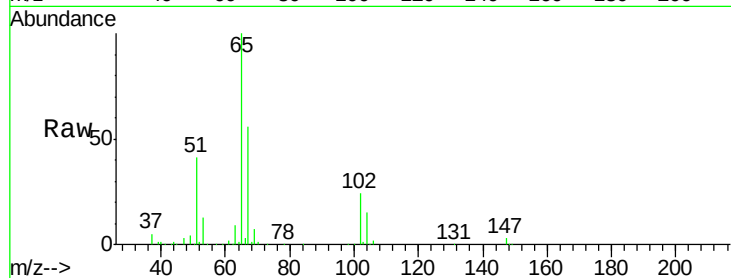




#33
 1,2-Dichloroethane-d4
 Concen: 56.212 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001183.D
 Acq: 13 Jan 2020 16:01

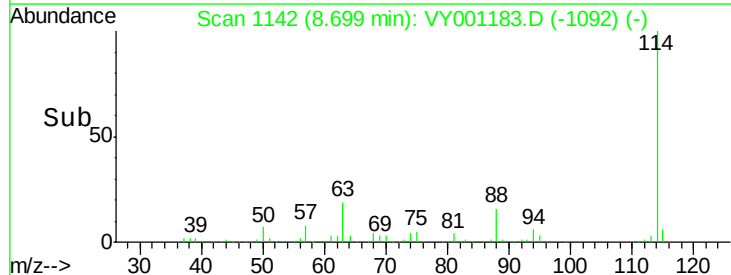
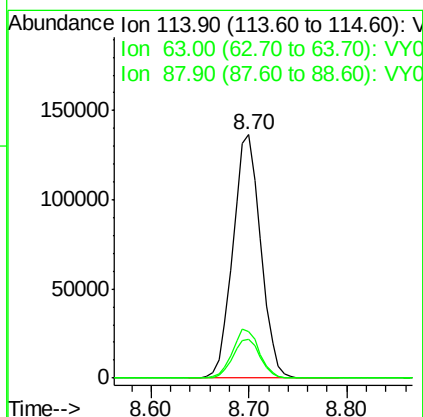
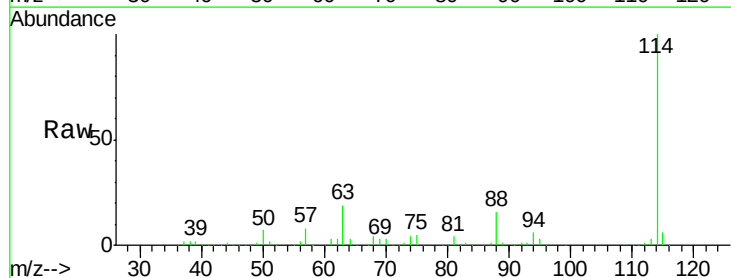
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-2-3.0

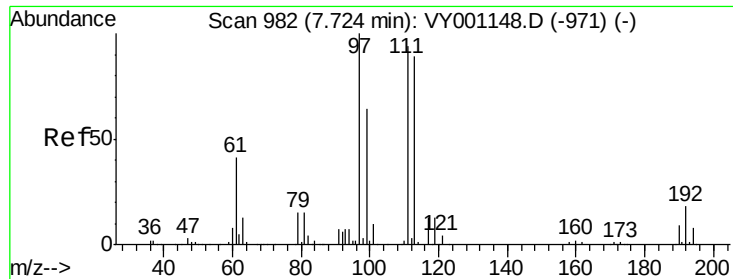
Tgt Ion: 65 Resp: 85805
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001183.D
 Acq: 13 Jan 2020 16:01

Tgt Ion: 114 Resp: 268113
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.8
 88 16.2 0.0 32.4

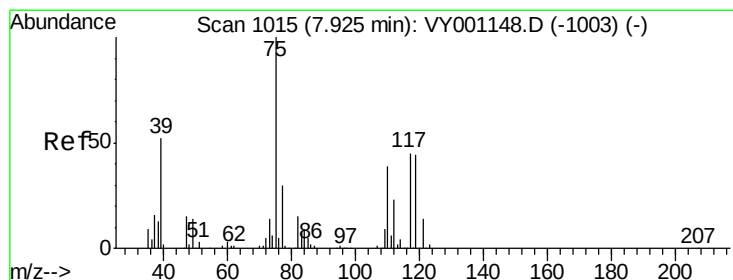
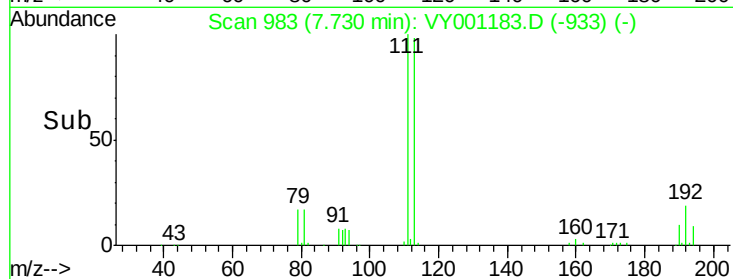
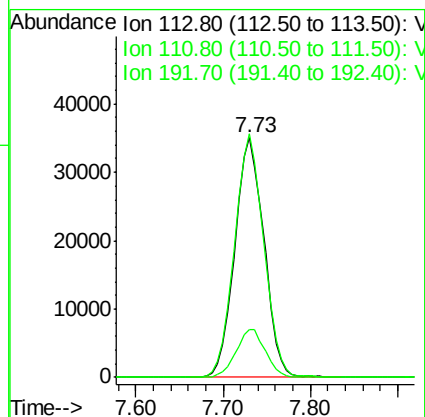
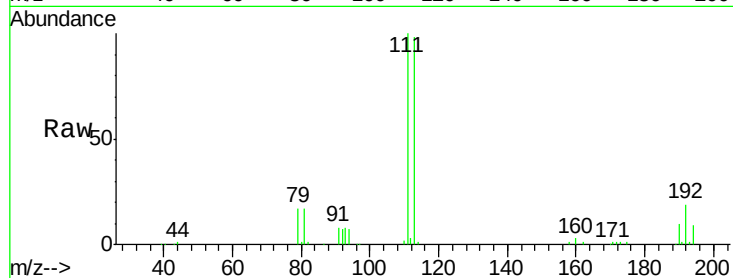




#35
 Dibromofluoromethane
 Concen: 51.856 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001183.D
 Acq: 13 Jan 2020 16:01

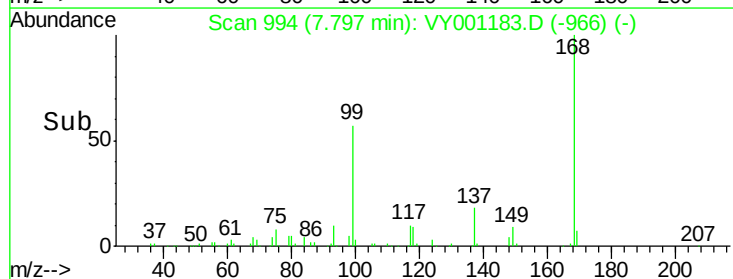
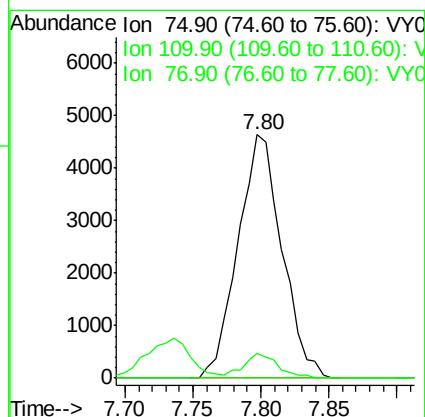
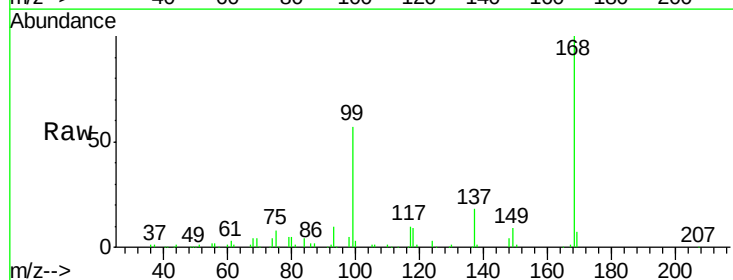
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-2-3.0

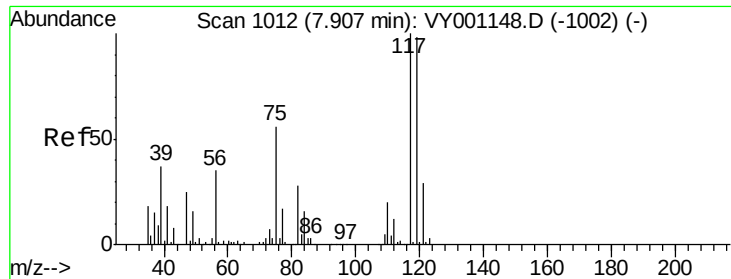
Tgt Ion: 113 Resp: 81403
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.9 124.3
 192 20.0 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.289 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001183.D
 Acq: 13 Jan 2020 16:01

Tgt Ion: 75 Resp: 10482
 Ion Ratio Lower Upper
 75 100
 110 7.8 18.3 54.8#
 77 0.0 25.1 37.7#

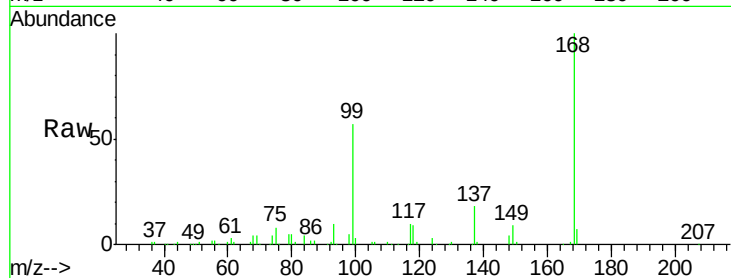




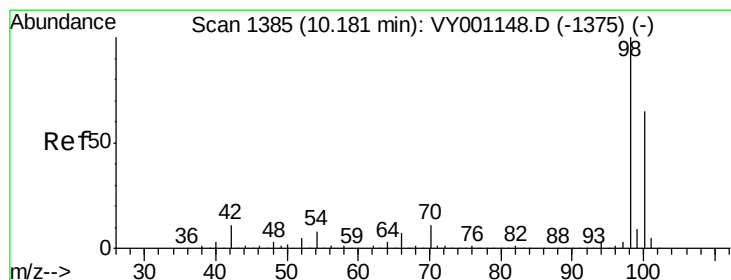
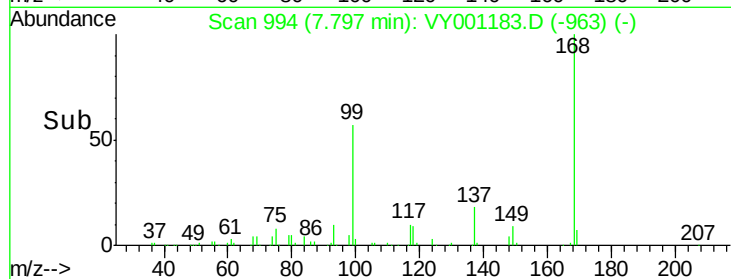
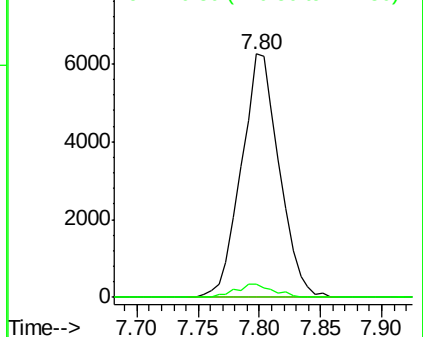
#38
Carbon Tetrachloride
Concen: 6.017 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001183.D
Acq: 13 Jan 2020 16:01

Instrument :
MSVOA_Y
ClientSampleId :
BW-2-3.0

Tgt Ion:117 Resp: 13476
Ion Ratio Lower Upper
117 100
119 5.4 78.3 117.5#
121 0.0 23.5 35.3#

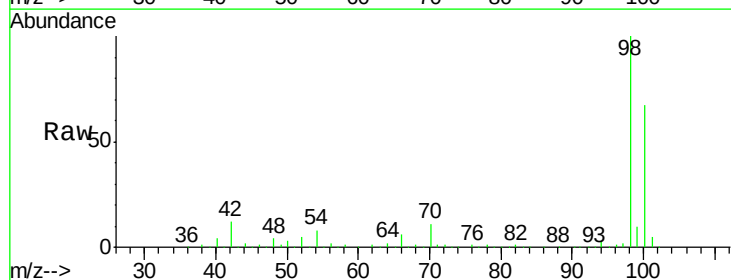


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

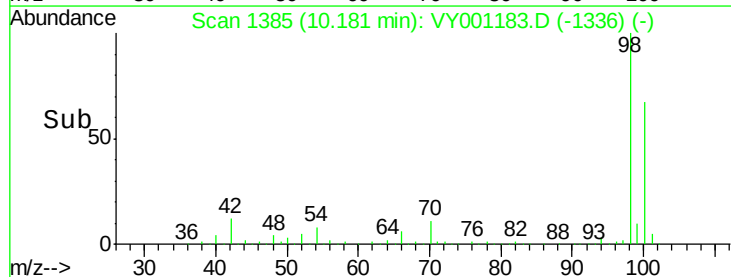
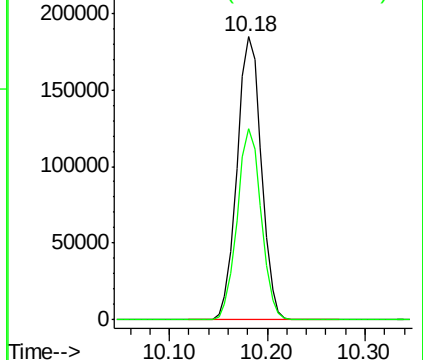


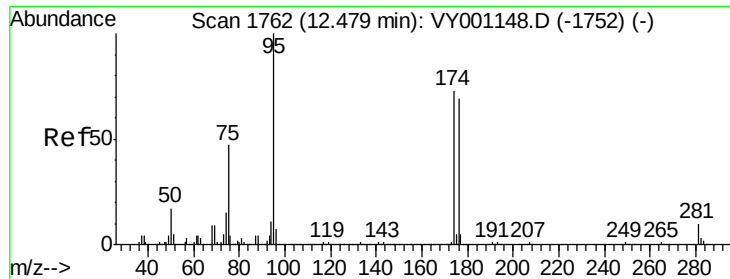
#50
Toluene-d8
Concen: 52.528 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001183.D
Acq: 13 Jan 2020 16:01

Tgt Ion: 98 Resp: 317726
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

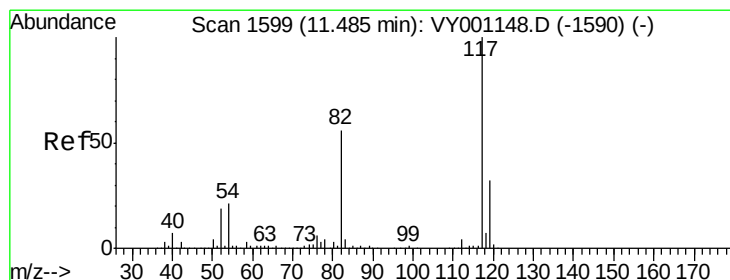
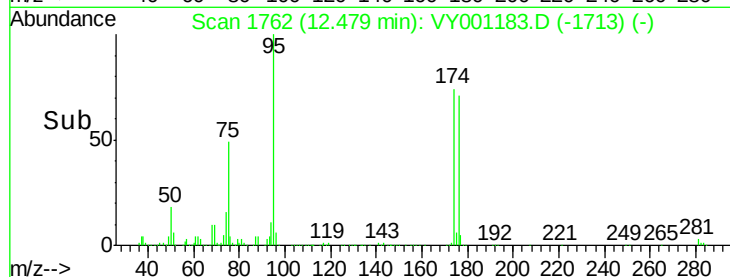
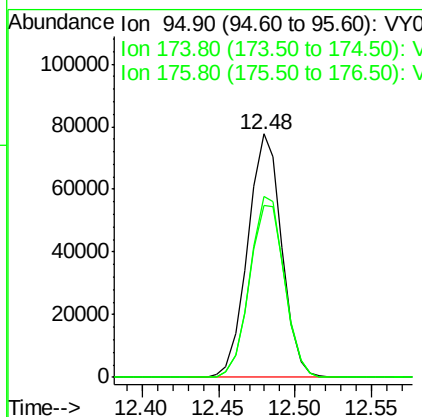
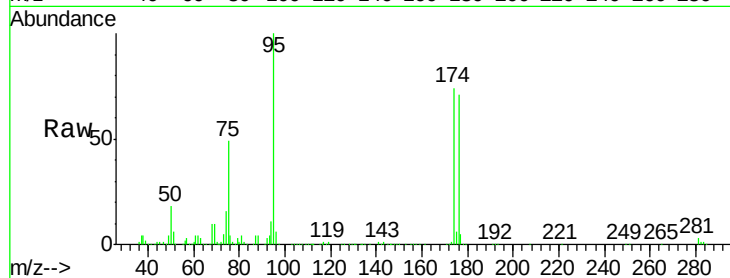




#62
4-Bromofluorobenzene
Concen: 48.451 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001183.D
Acq: 13 Jan 2020 16:01

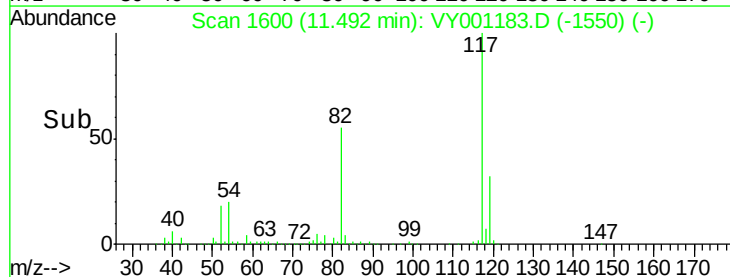
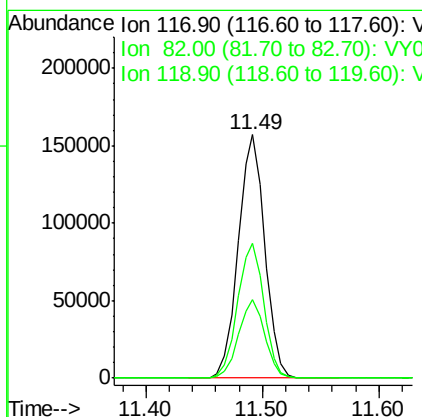
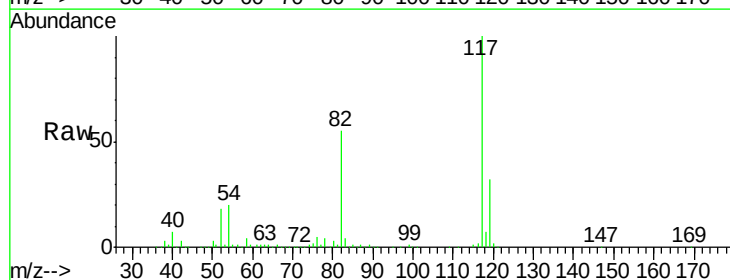
Instrument :
MSVOA_Y
ClientSampleId :
BW-2-3.0

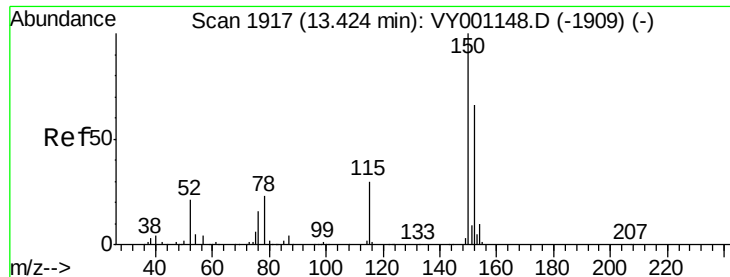
Tgt Ion: 95 Resp: 119813
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.2
176 73.7 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001183.D
Acq: 13 Jan 2020 16:01

Tgt Ion: 117 Resp: 248983
Ion Ratio Lower Upper
117 100
82 55.3 44.9 67.3
119 32.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001183.D

Acq: 13 Jan 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

BW-2-3.0

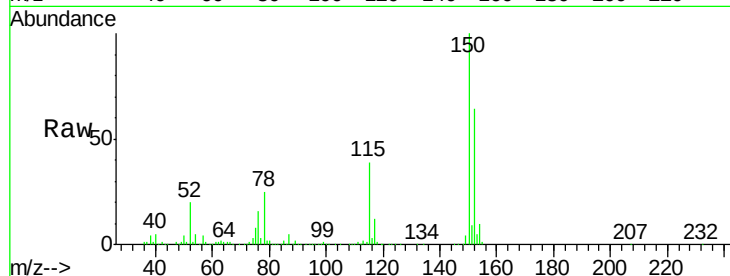
Tgt Ion:152 Resp: 116536

Ion Ratio Lower Upper

152 100

115 60.4 30.9 92.5

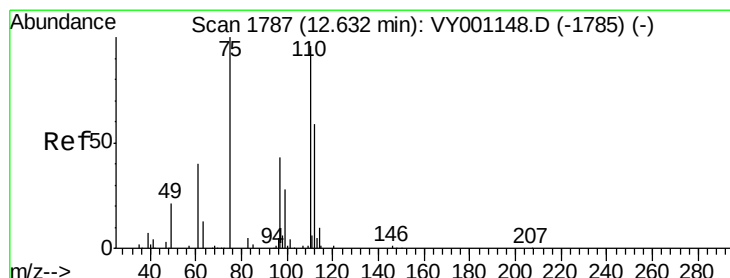
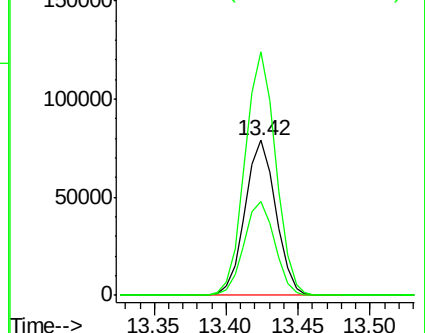
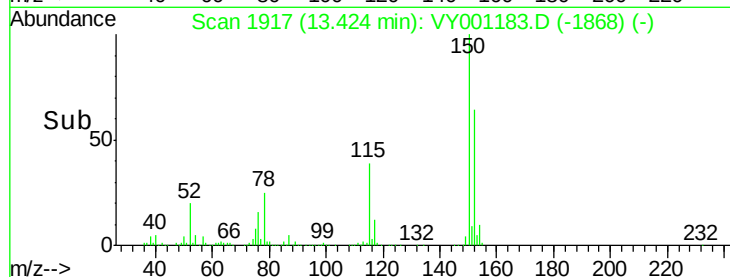
150 156.7 0.0 346.8



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: 46.041 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001183.D

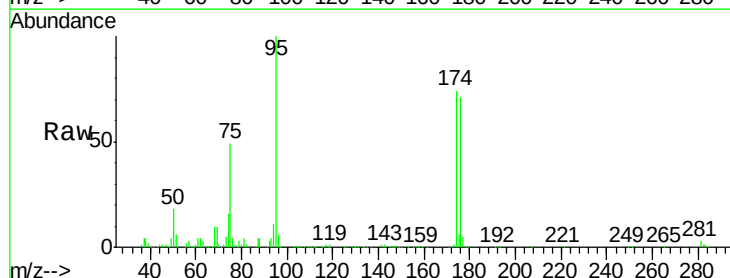
Acq: 13 Jan 2020 16:01

Tgt Ion: 75 Resp: 57437

Ion Ratio Lower Upper

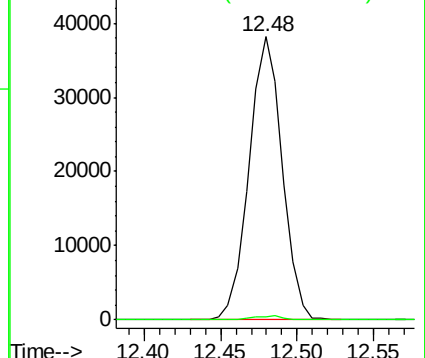
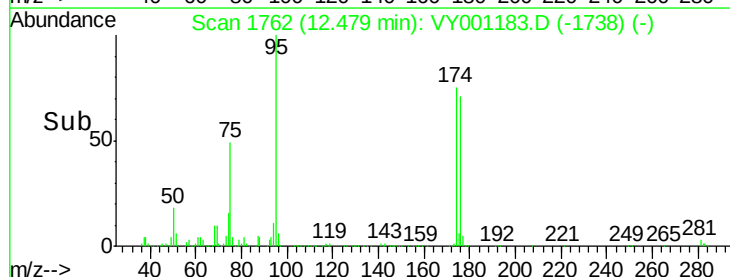
75 100

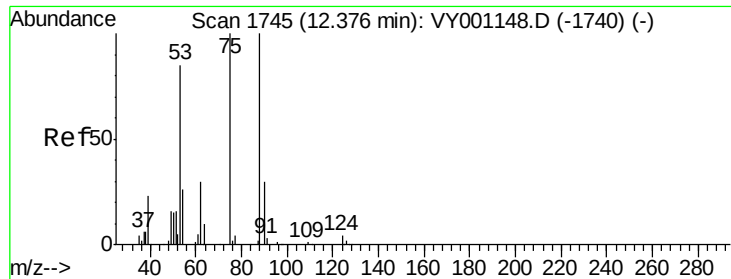
77 1.6 0.0 0.0#



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: 78.075 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001183.D

Acq: 13 Jan 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

BW-2-3.0

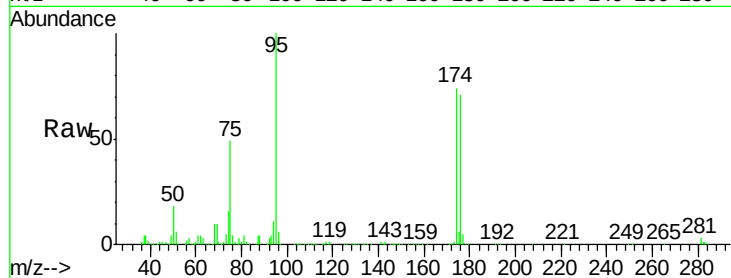
Tgt Ion: 75 Resp: 57437

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 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

