

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001220.D
 Acq On : 15 Jan 2020 16:01
 Operator : SY/MD
 Sample : L1126-01
 Misc : 5.34G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-2-20.0

Quant Time: Jan 16 04:51:07 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	169719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	303001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	278908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	132957	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	98261	54.82	ug/l	0.00
Spiked Amount			Recovery	=	109.64%	
35) Dibromofluoromethane	7.72	113	91285	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
50) Toluene-d8	10.18	98	360207	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.48	95	134932	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	

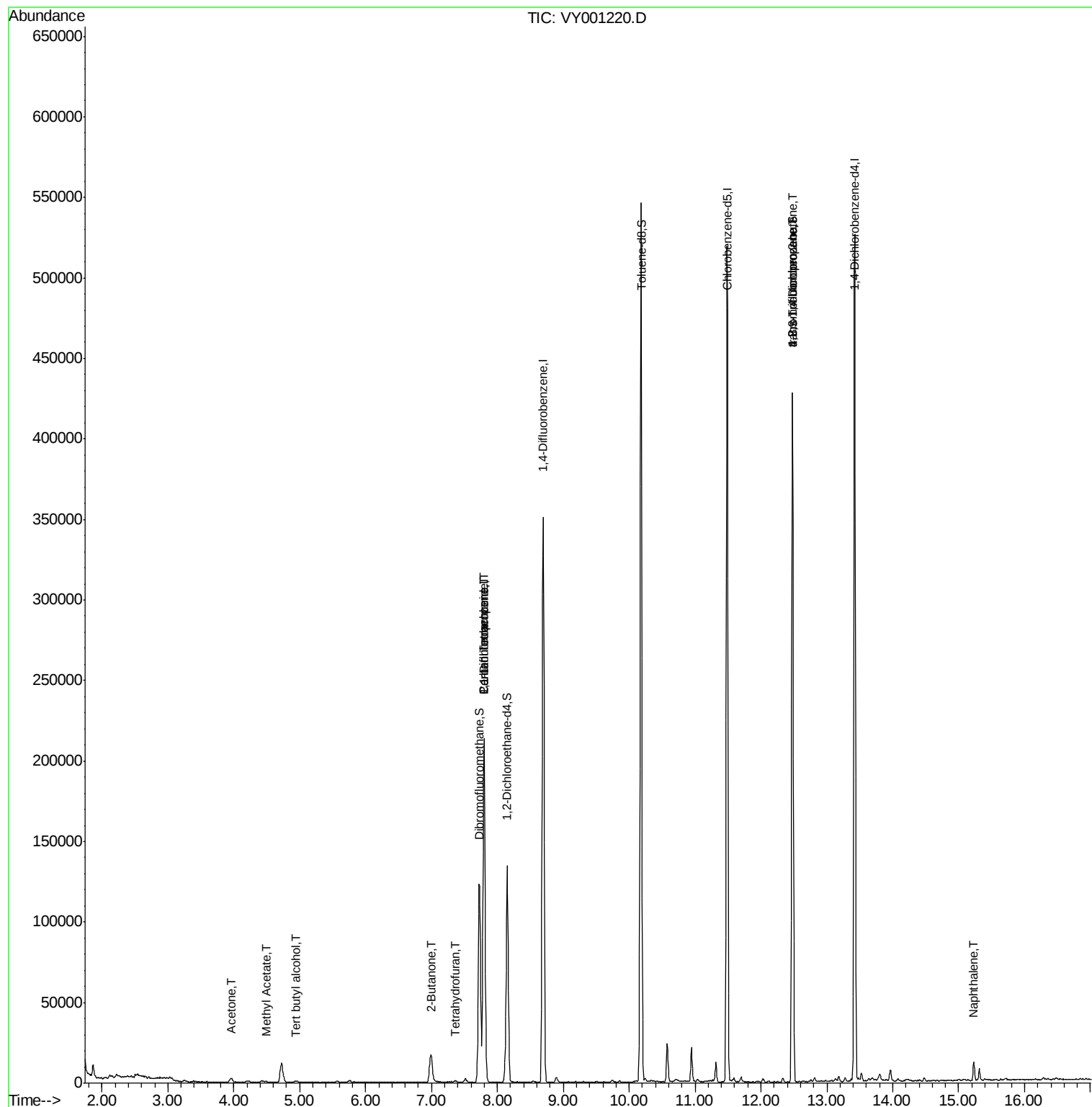
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.95	59	934	5.179	ug/l #	86
16) Acetone	3.96	43	4834	11.612	ug/l	89
18) Methyl Acetate	4.49	43	1400	1.017	ug/l #	66
20) Methylene Chloride	4.72	84	9012	Below Cal		90
25) 2-Butanone	7.00	43	1990	3.071	ug/l #	88
29) Tetrahydrofuran	7.37	42	879	1.980	ug/l #	83
36) 1,1-Dichloropropene	7.80	75	12645	4.579	ug/l #	49
38) Carbon Tetrachloride	7.80	117	16502	6.520	ug/l #	14
76) 1,2,3-Trichloropropane	12.48	75	66527	46.741	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	66527	79.262	ug/l #	6
95) Naphthalene	15.23	128	8380	1.407	ug/l #	95

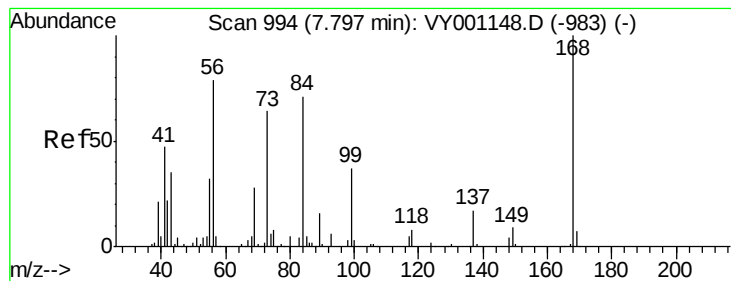
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001220.D

Acq: 15 Jan 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

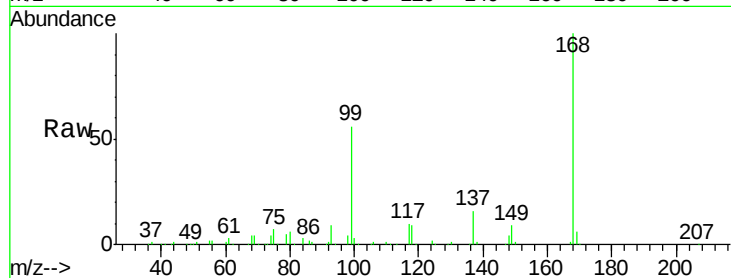
BW-2-20.0

Tgt Ion:168 Resp: 169719

Ion Ratio Lower Upper

168 100

99 55.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

80000

60000

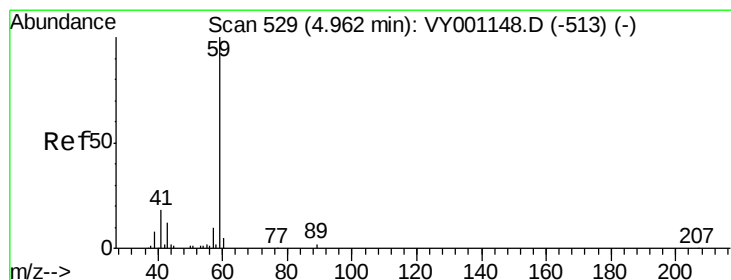
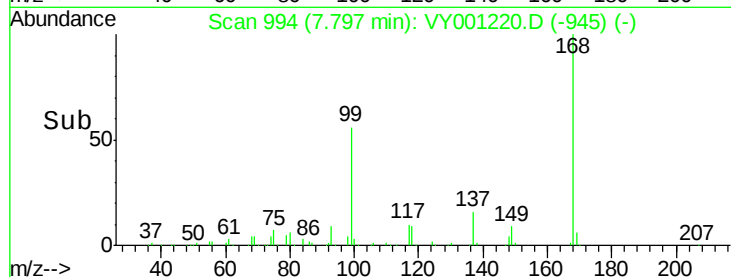
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: 5.179 ug/l

RT: 4.95 min Scan# 527

Delta R.T. -0.01 min

Lab File: VY001220.D

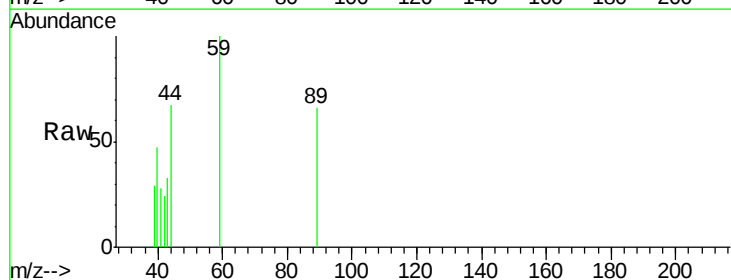
Acq: 15 Jan 2020 16:01

Tgt Ion: 59 Resp: 934

Ion Ratio Lower Upper

59 100

57 4.5 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VY001148.D (-513) (-)

Ion 57.00 (56.70 to 57.70): VY001148.D (-513) (-)

4.95

300

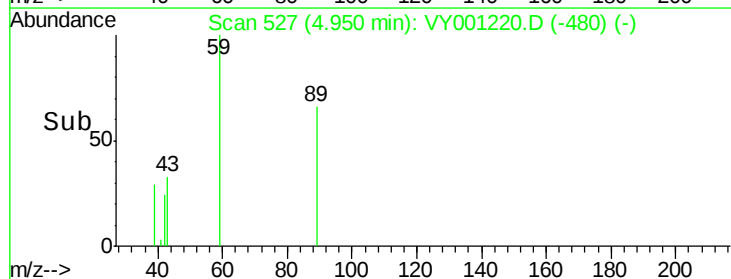
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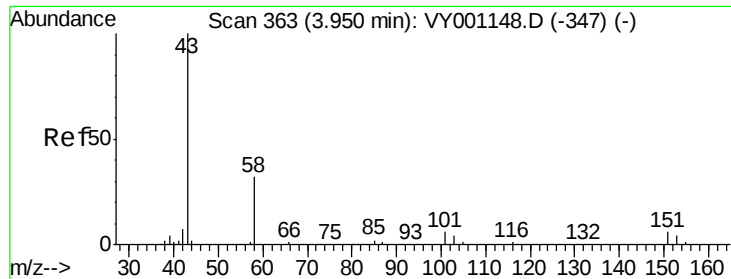
100

0

4.85 4.90 4.95 5.00

Time-->





#16

Acetone

Concen: 11.612 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001220.D

Acq: 15 Jan 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

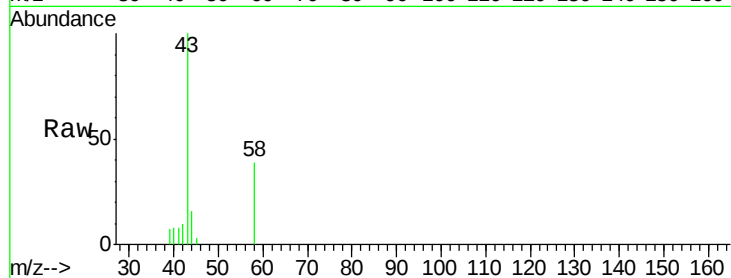
BW-2-20.0

Tgt Ion: 43 Resp: 4834

Ion Ratio Lower Upper

43 100

58 38.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)

Time-->

3.85 3.90 3.95 4.00 4.05

1500

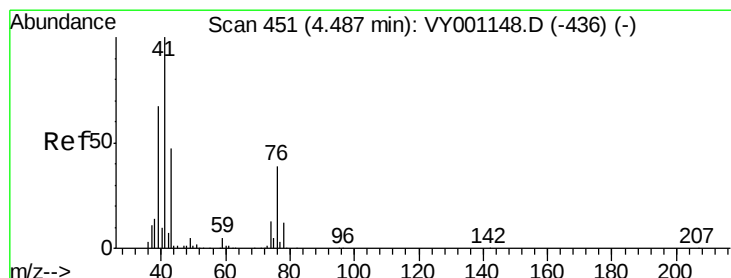
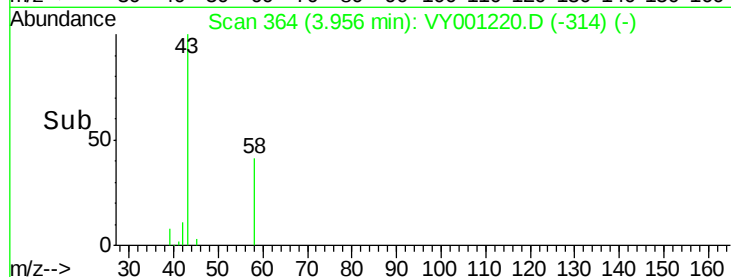
1000

500

0

3.96

3.85 3.90 3.95 4.00 4.05



#18

Methyl Acetate

Concen: 1.017 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY001220.D

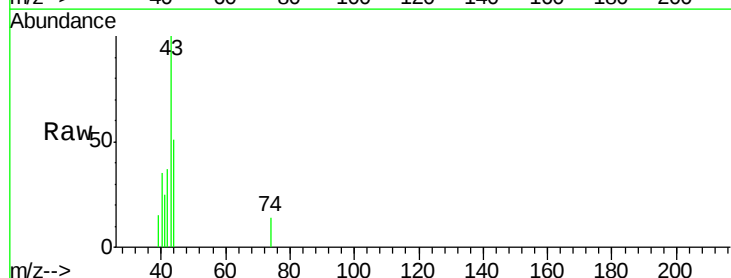
Acq: 15 Jan 2020 16:01

Tgt Ion: 43 Resp: 1400

Ion Ratio Lower Upper

43 100

74 7.9 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-436) (-)

Ion 74.00 (73.70 to 74.70): VY001148.D (-436) (-)

Time-->

4.40 4.45 4.50 4.55

500

400

300

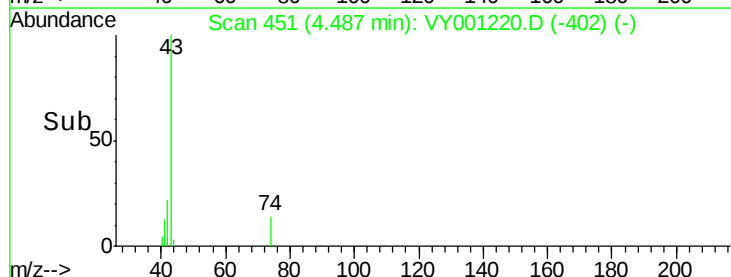
200

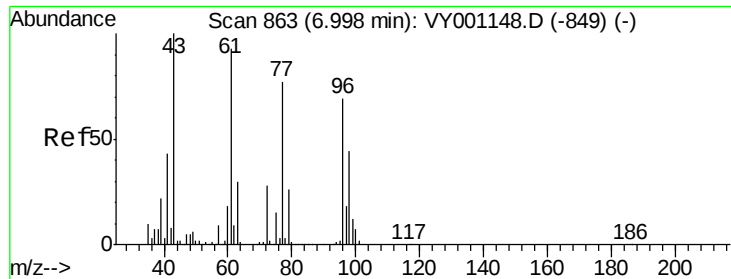
100

0

4.49

4.40 4.45 4.50 4.55





#25

2-Butanone

Concen: 3.071 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001220.D

Acq: 15 Jan 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

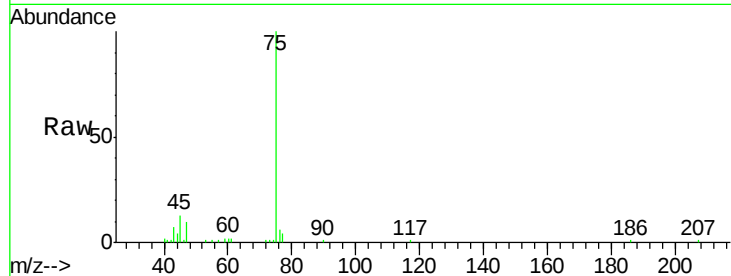
BW-2-20.0

Tgt Ion: 43 Resp: 1990

Ion Ratio Lower Upper

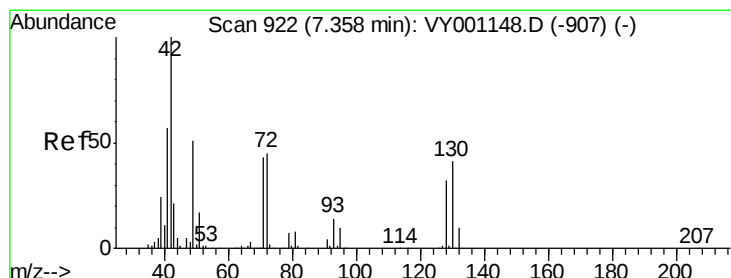
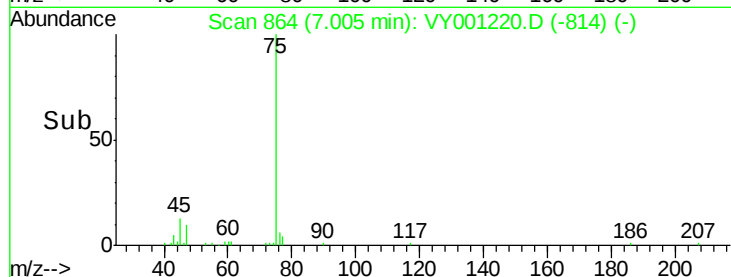
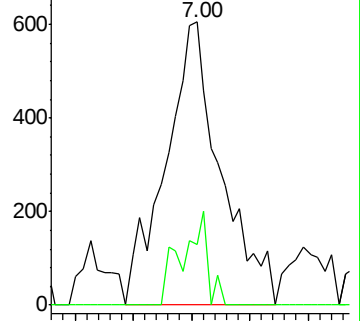
43 100

72 21.5 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#29

Tetrahydrofuran

Concen: 1.980 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY001220.D

Acq: 15 Jan 2020 16:01

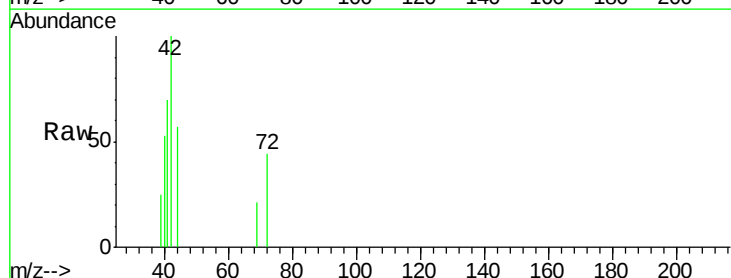
Tgt Ion: 42 Resp: 879

Ion Ratio Lower Upper

42 100

72 33.3 36.9 55.3#

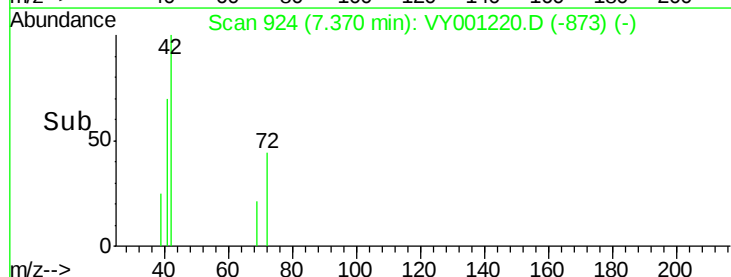
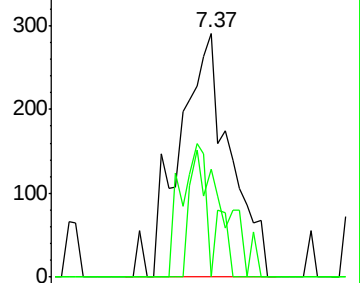
71 33.0 34.0 51.0#

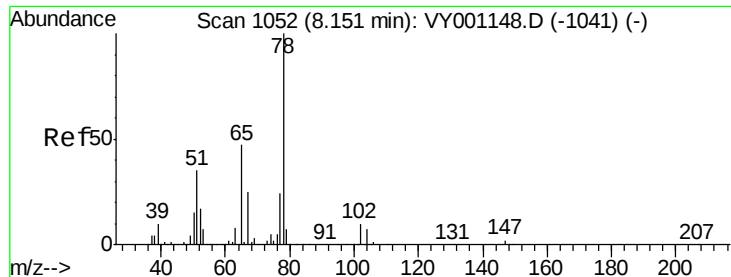


Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0





#33

1,2-Dichloroethane-d4

Concen: 54.817 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001220.D

Acq: 15 Jan 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

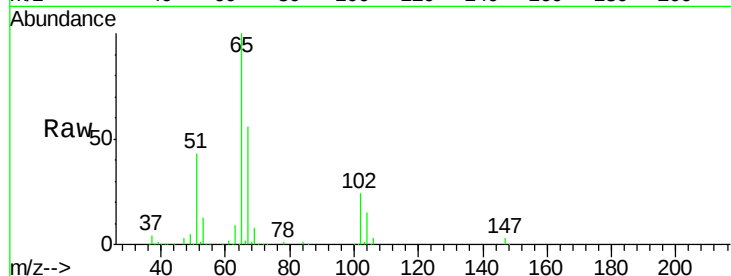
BW-2-20.0

Tgt Ion: 65 Resp: 98261

Ion Ratio Lower Upper

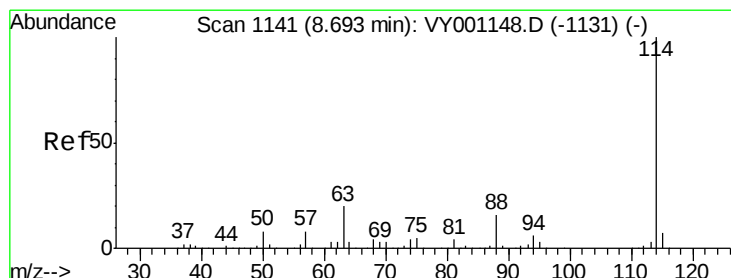
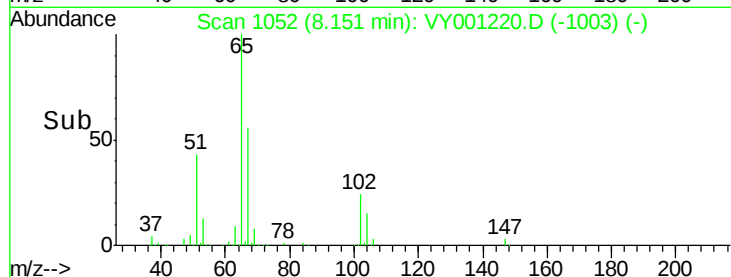
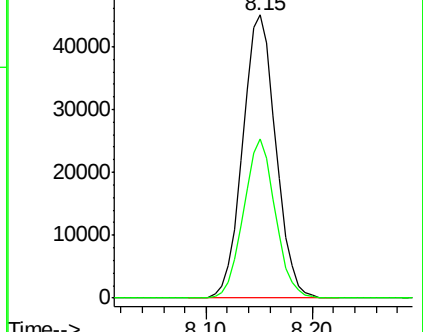
65 100

67 54.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY001148.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY001148.D (-1041) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001220.D

Acq: 15 Jan 2020 16:01

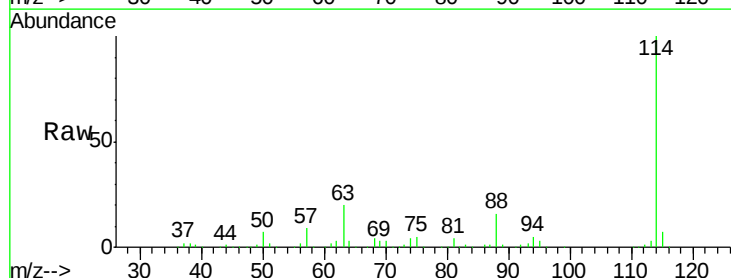
Tgt Ion: 114 Resp: 303001

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

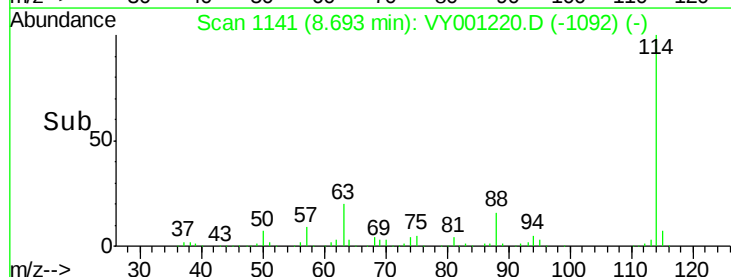
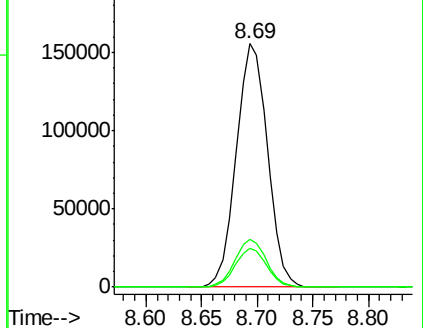
88 16.1 0.0 32.4

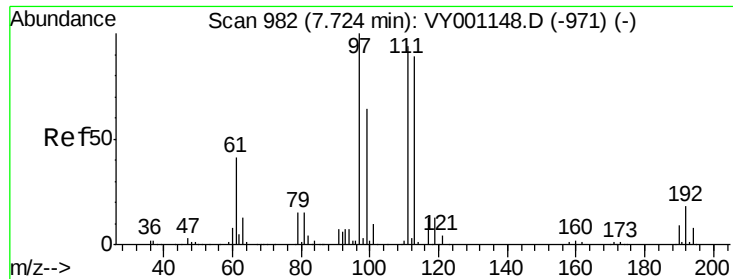


Abundance Ion 113.90 (113.60 to 114.60): VY001148.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY001148.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY001148.D (-1131) (-)

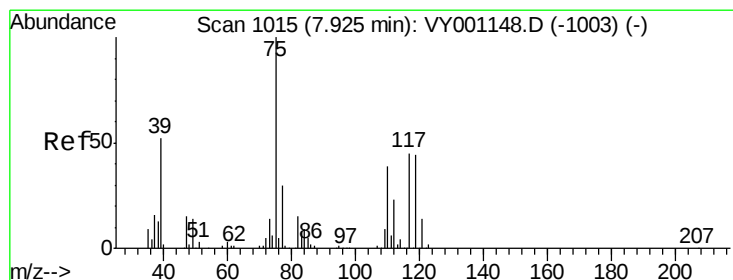
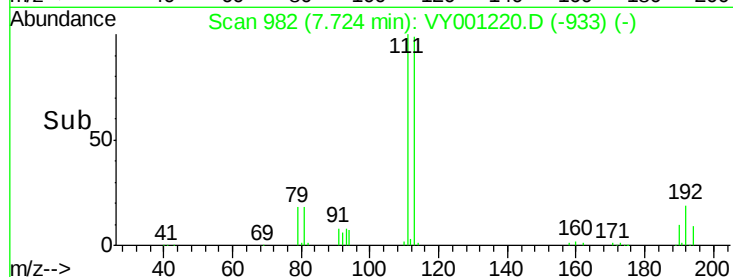
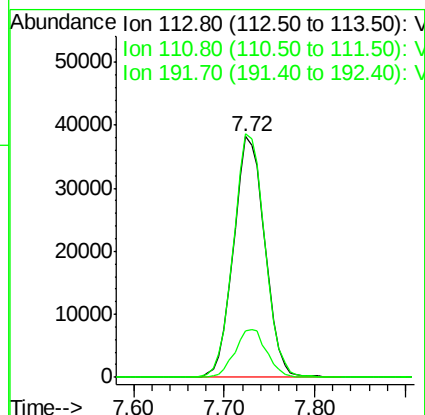
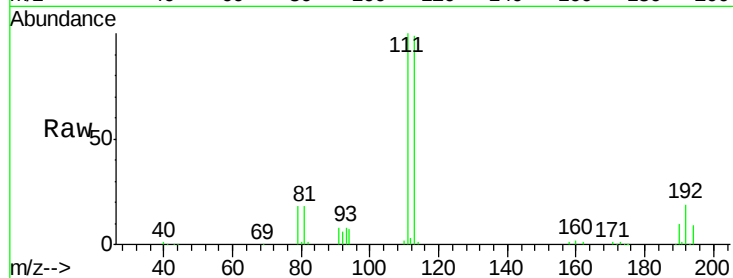




#35
 Dibromofluoromethane
 Concen: 51.455 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001220.D
 Acq: 15 Jan 2020 16:01

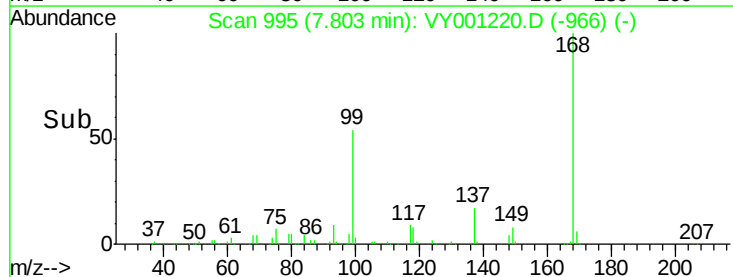
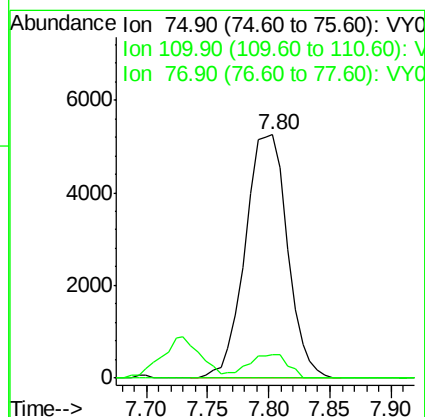
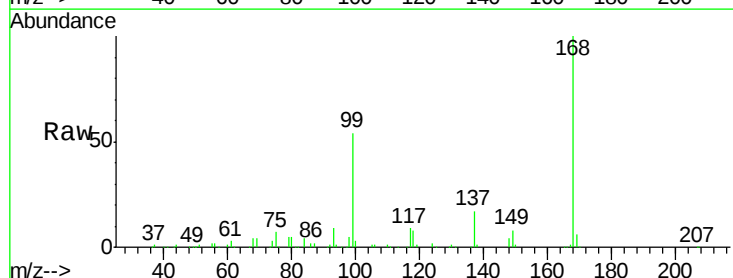
Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-2-20.0

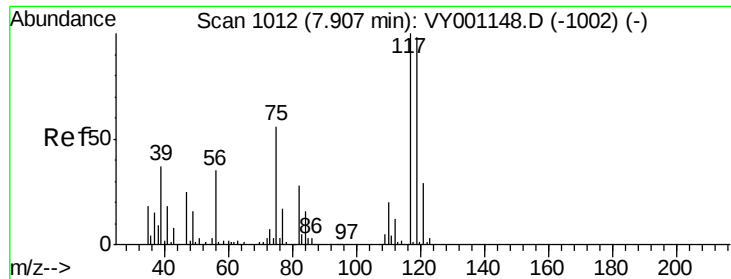
Tgt Ion:113 Resp: 91285
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.9 124.3
 192 20.0 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.579 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001220.D
 Acq: 15 Jan 2020 16:01

Tgt Ion: 75 Resp: 12645
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.3 54.8#
 77 0.0 25.1 37.7#

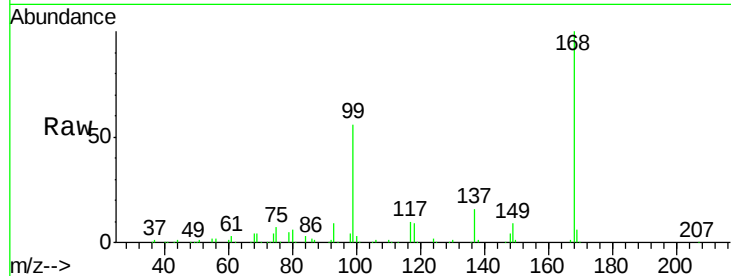




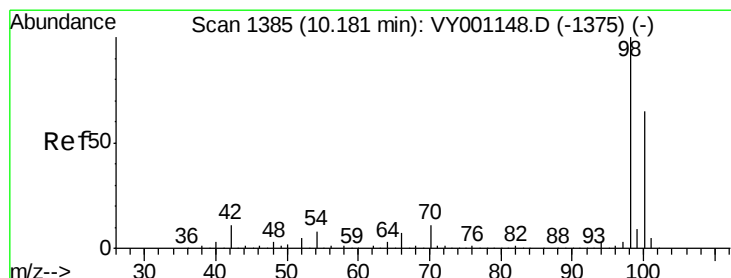
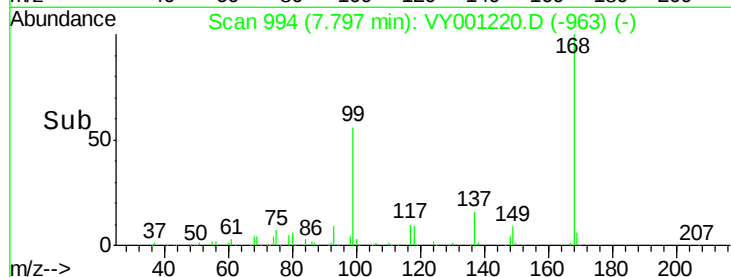
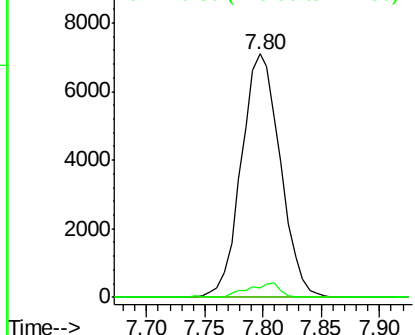
#38
Carbon Tetrachloride
Concen: 6.520 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001220.D
Acq: 15 Jan 2020 16:01

Instrument :
MSVOA_Y
ClientSampleId :
BW-2-20.0

Tgt Ion:117 Resp: 16502
Ion Ratio Lower Upper
117 100
119 3.9 78.3 117.5#
121 0.0 23.5 35.3#

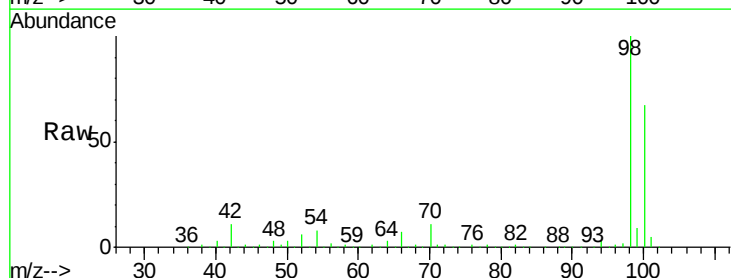


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

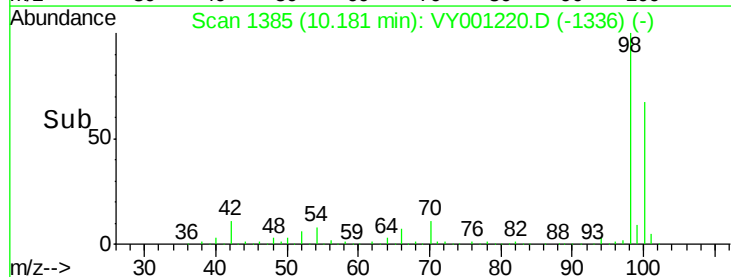
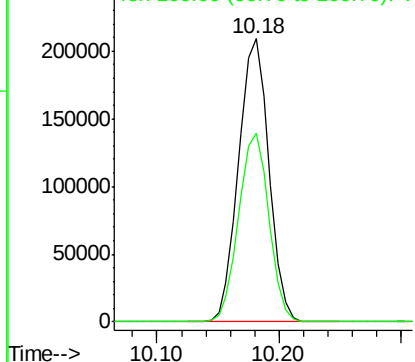


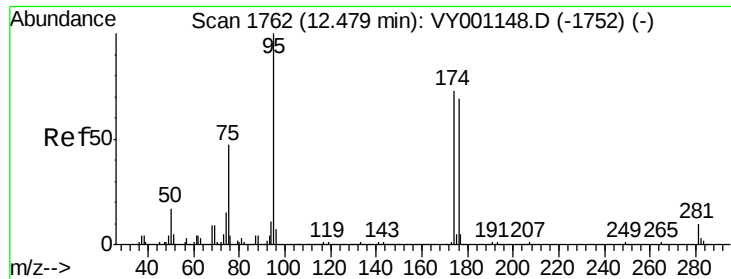
#50
Toluene-d8
Concen: 52.695 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001220.D
Acq: 15 Jan 2020 16:01

Tgt Ion: 98 Resp: 360207
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



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

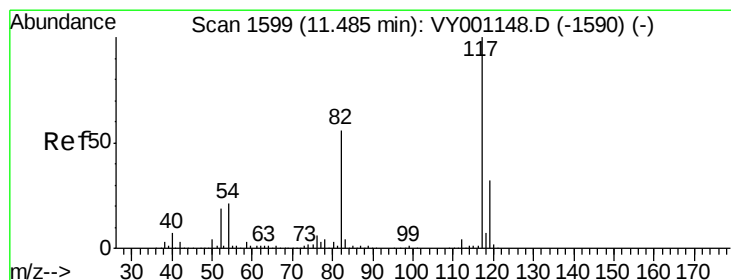
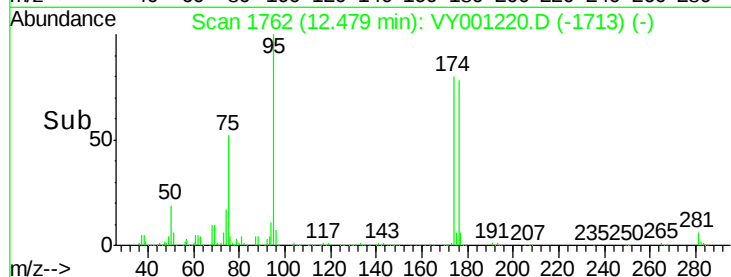
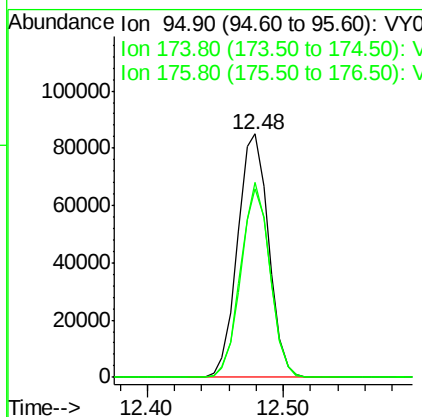
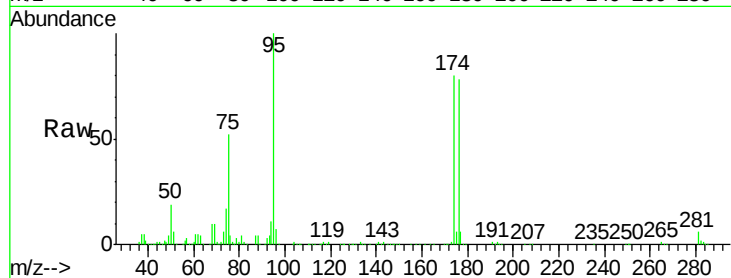




#62
4-Bromofluorobenzene
Concen: 48.282 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001220.D
Acq: 15 Jan 2020 16:01

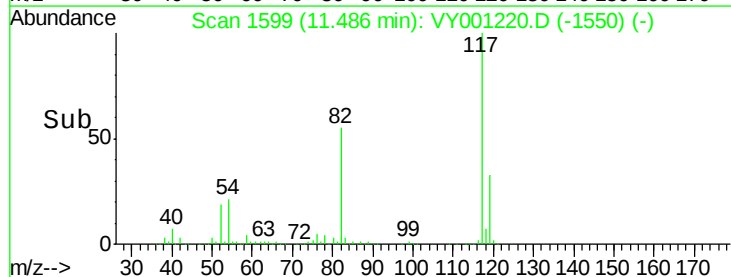
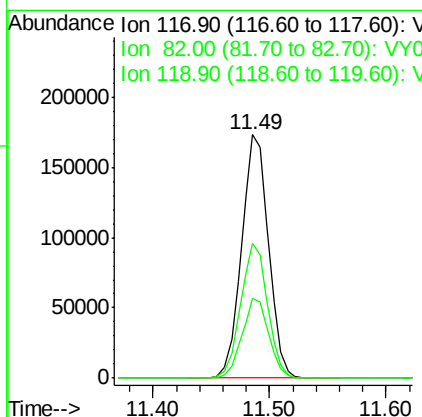
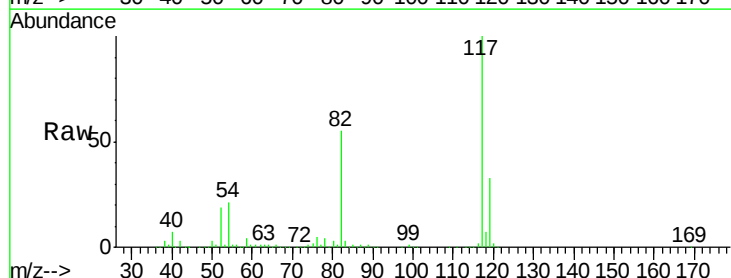
Instrument :
MSVOA_Y
ClientSampled :
BW-2-20.0

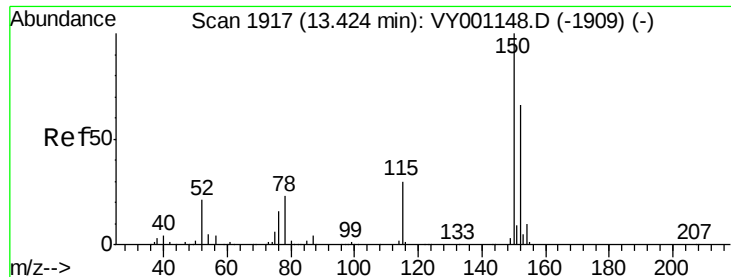
Tgt Ion: 95 Resp: 134932
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.2
176 74.1 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001220.D
Acq: 15 Jan 2020 16:01

Tgt Ion: 117 Resp: 278908
Ion Ratio Lower Upper
117 100
82 55.4 44.9 67.3
119 32.9 25.7 38.5



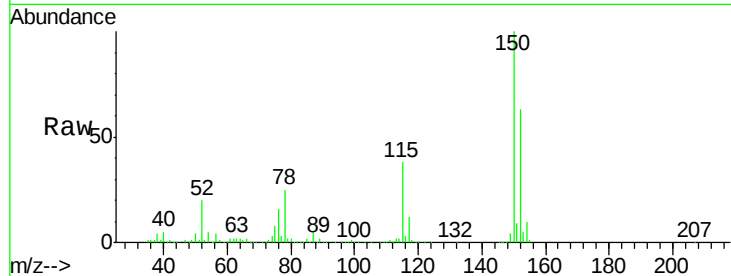


#72

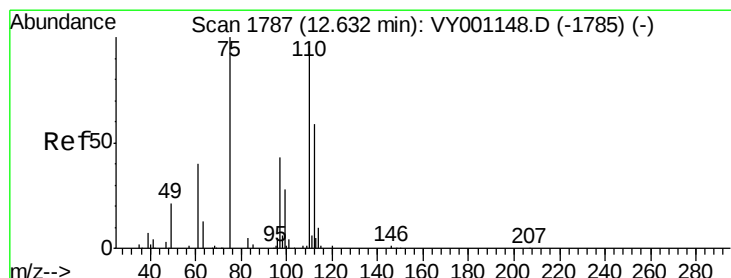
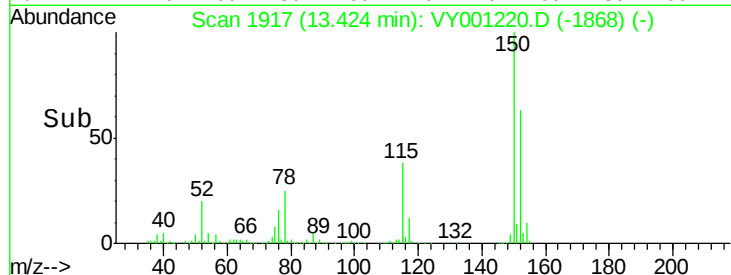
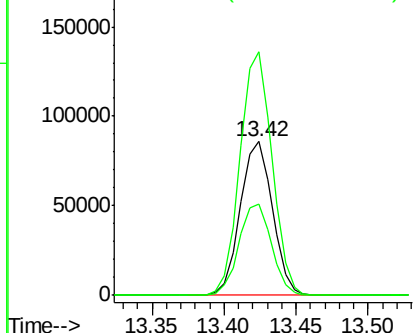
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001220.D
Acq: 15 Jan 2020 16:01

Instrument :
MSVOA_Y
ClientSampleId :
BW-2-20.0

Tgt Ion:152 Resp: 132957
Ion Ratio Lower Upper
152 100
115 60.3 30.9 92.5
150 157.7 0.0 346.8



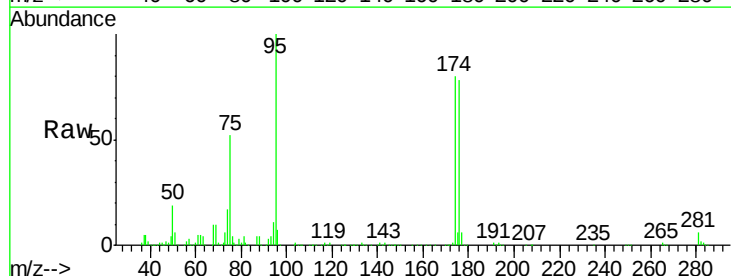
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



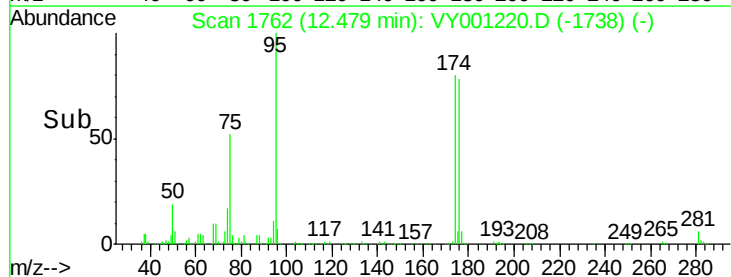
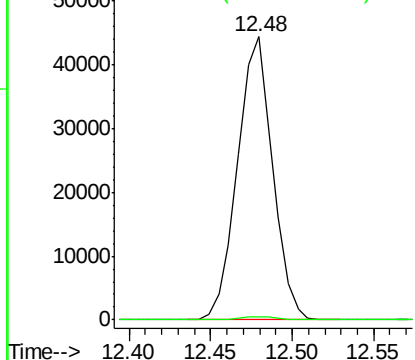
#76

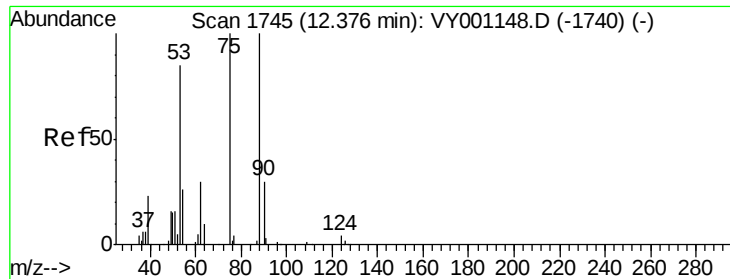
1,2,3-Trichloropropane
Concen: 46.741 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001220.D
Acq: 15 Jan 2020 16:01

Tgt Ion: 75 Resp: 66527
Ion Ratio Lower Upper
75 100
77 1.2 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: 79.262 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001220.D

Acq: 15 Jan 2020 16:01

Instrument :

MSVOA_Y

ClientSampleId :

BW-2-20.0

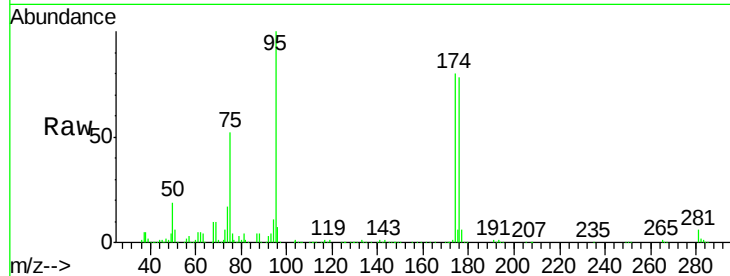
Tgt Ion: 75 Resp: 66527

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

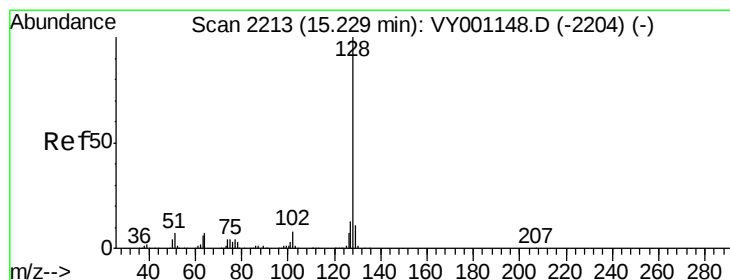
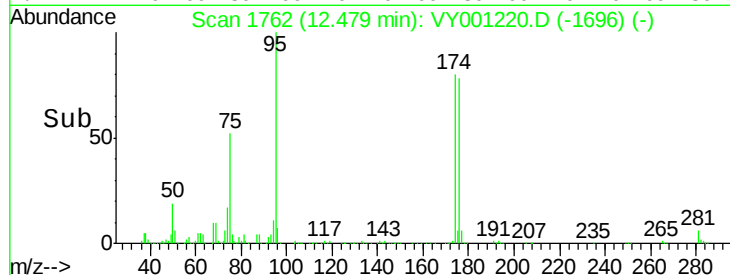
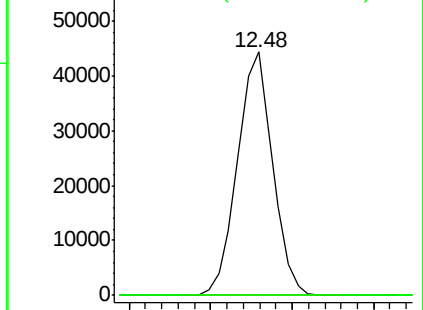
89 0.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY001220.D (-1696) (-)

Ion 53.00 (52.70 to 53.70): VY001220.D (-1696) (-)

Ion 88.90 (88.60 to 89.60): VY001220.D (-1696) (-)



#95

Naphthalene

Concen: 1.407 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY001220.D

Acq: 15 Jan 2020 16:01

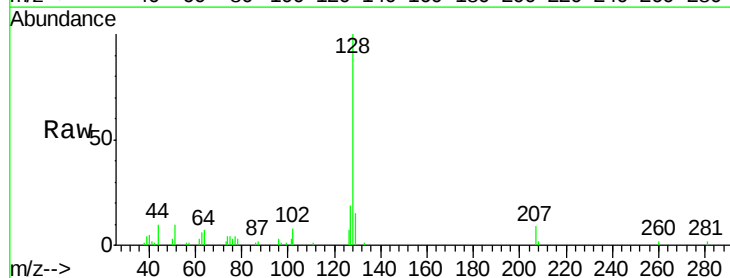
Tgt Ion: 128 Resp: 8380

Ion Ratio Lower Upper

128 100

127 14.8 10.2 15.4

129 12.8 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): VY001220.D (-2164) (-)

Ion 127.00 (126.70 to 127.70): VY001220.D (-2164) (-)

Ion 129.00 (128.70 to 129.70): VY001220.D (-2164) (-)

