

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
 Data File : VY001286.D
 Acq On : 17 Jan 2020 23:06
 Operator : SY/MD
 Sample : L1188-01
 Misc : 7.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2-0-15

Quant Time: Jan 18 03:28:31 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

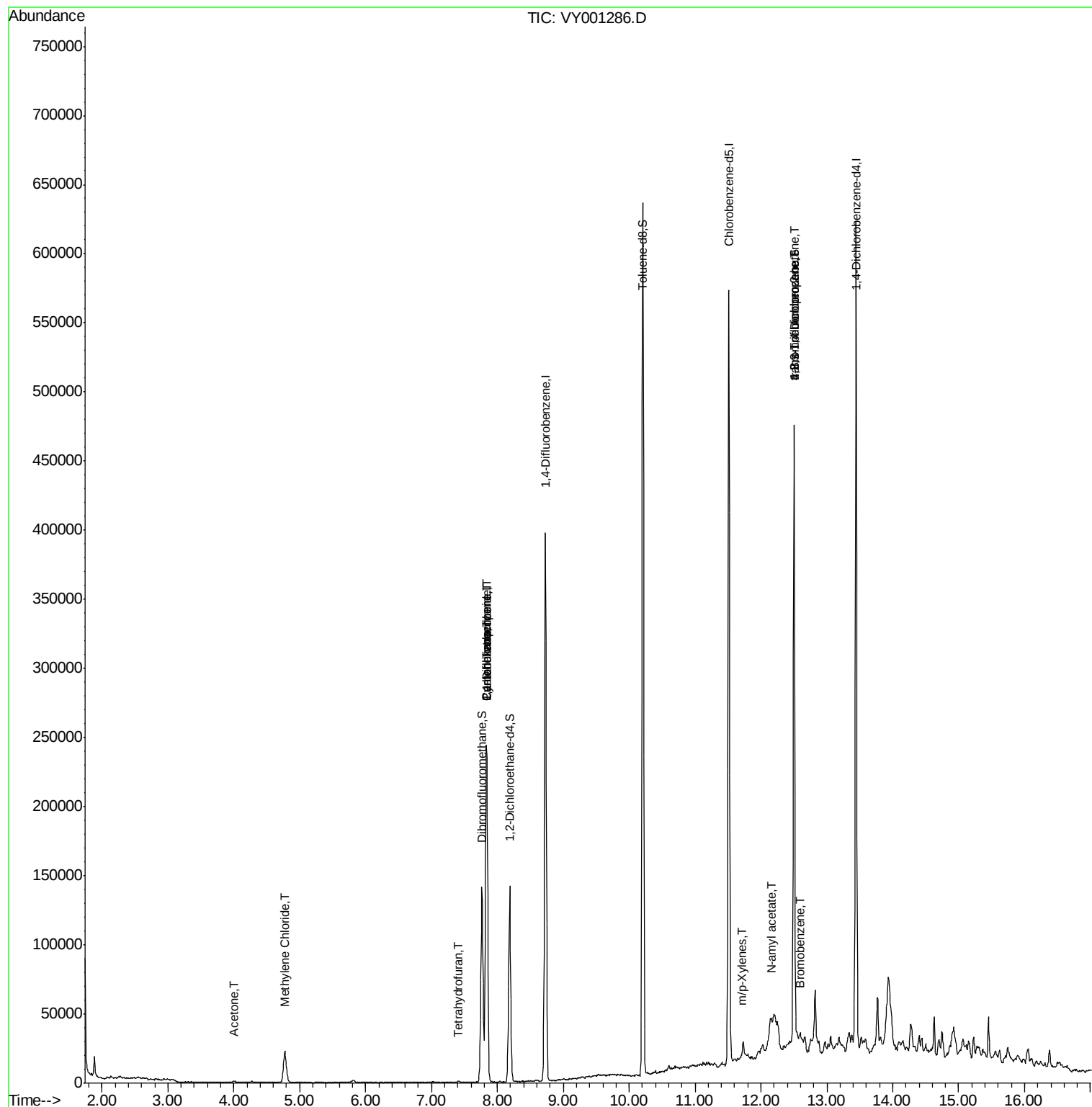
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	191159	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.73	114	343833	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.52	117	312766	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.44	152	148801	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.19	65	107858	53.42	ug/l	0.04
Spiked Amount 50.000			Recovery	=	106.84%	
35) Dibromofluoromethane	7.77	113	100511	49.93	ug/l	0.04
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.21	98	410848	52.97	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.50	95	151401	47.74	ug/l	0.02
Spiked Amount 50.000			Recovery	=	95.48%	
Target Compounds						
					Qvalue	
16) Acetone	4.01	43	1933	4.12	ug/l #	80
20) Methylene Chloride	4.77	84	16893	2.48	ug/l	93
29) Tetrahydrofuran	7.40	42	535	1.07	ug/l #	57
31) Cyclohexane	7.83	56	4278	1.10	ug/l #	1
36) 1,1-Dichloropropene	7.83	75	14652	4.68	ug/l #	49
38) Carbon Tetrachloride	7.84	117	18273	6.36	ug/l #	14
68) m/p-Xylenes	11.71	106	6098	1.41	ug/l #	1
74) N-amyl acetate	12.16	43	13955	4.00	ug/l #	55
76) 1,2,3-Trichloropropane	12.50	75	73730	46.29	ug/l #	100
77) Bromobenzene	12.59	156	4208	1.70	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.50	75	73730	78.49	ug/l #	6

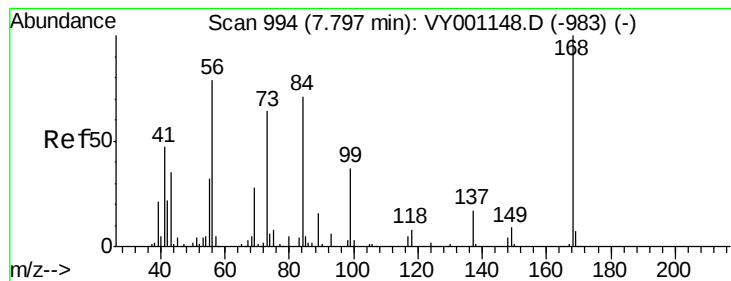
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.04 min

Lab File: VY001286.D

Acq: 17 Jan 2020 23:06

Instrument :

MSVOA_Y

ClientSampleId :

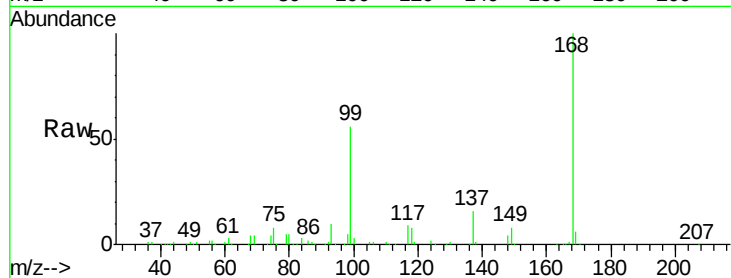
B2-0-15

Tgt Ion:168 Resp: 191159

Ion Ratio Lower Upper

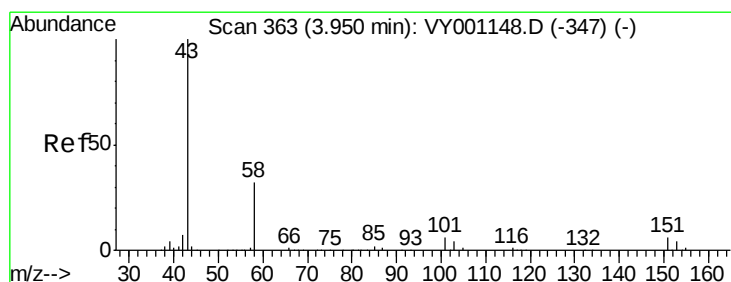
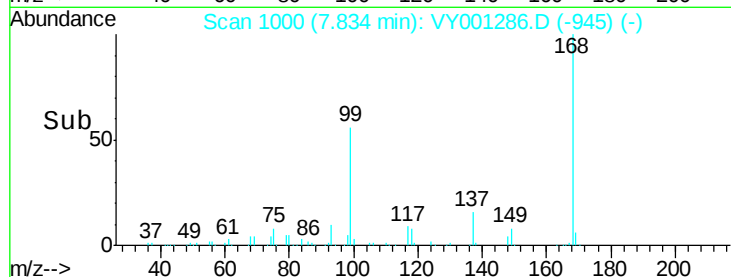
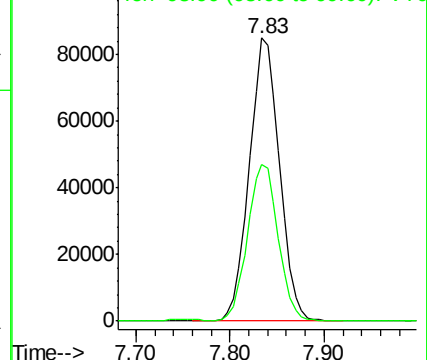
168 100

99 55.5 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) (-)



#16

Acetone

Concen: 4.12 ug/l

RT: 4.01 min Scan# 372

Delta R.T. 0.05 min

Lab File: VY001286.D

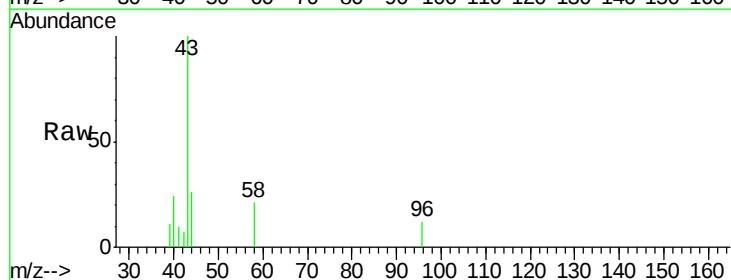
Acq: 17 Jan 2020 23:06

Tgt Ion: 43 Resp: 1933

Ion Ratio Lower Upper

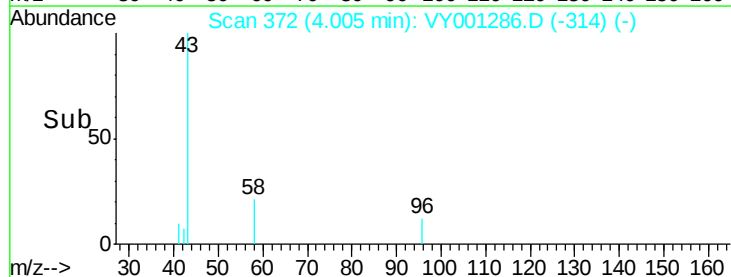
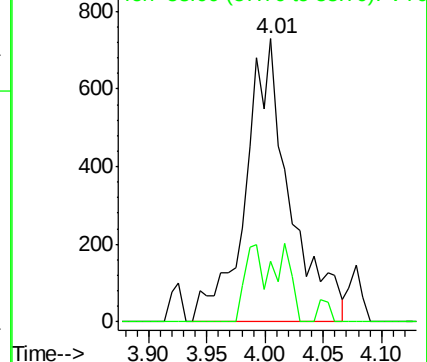
43 100

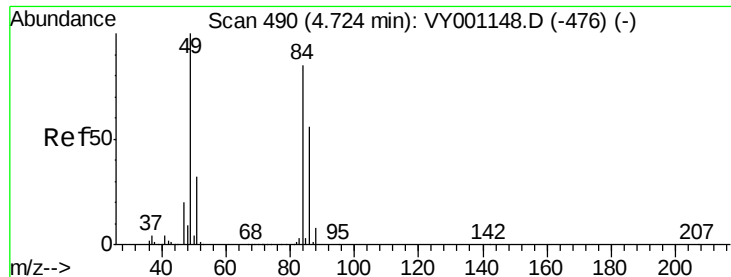
58 21.3 25.8 38.6#



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

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

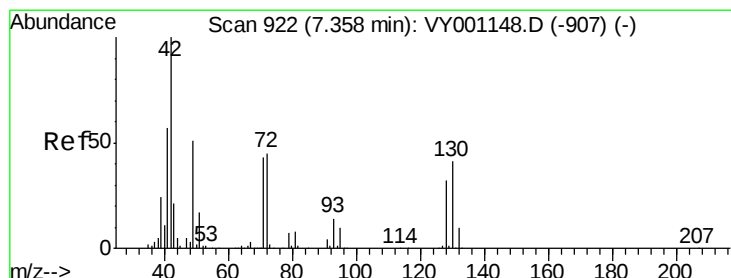
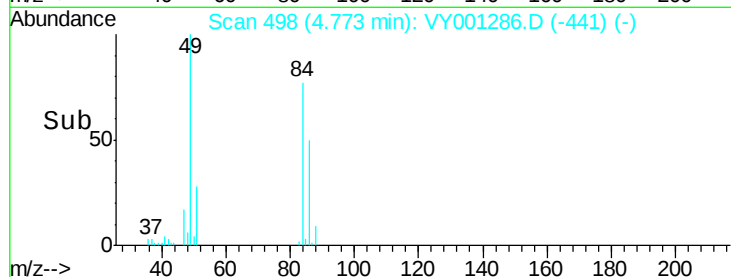
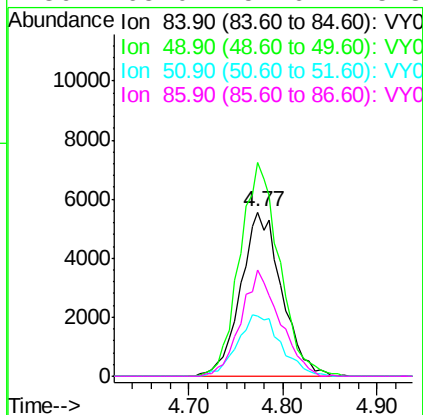
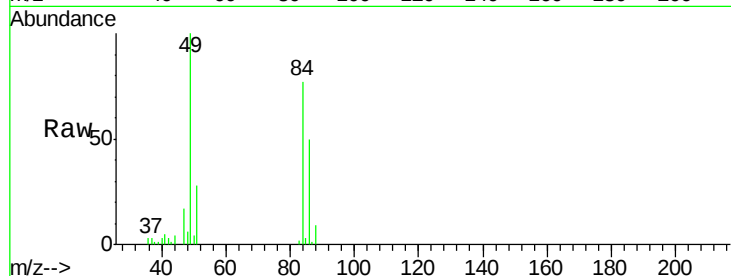




#20
Methylene Chloride
Concen: 2.48 ug/l
RT: 4.77 min Scan# 498
Delta R.T. 0.05 min
Lab File: VY001286.D
Acq: 17 Jan 2020 23:06

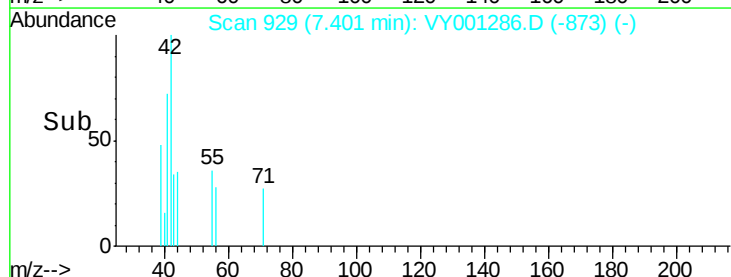
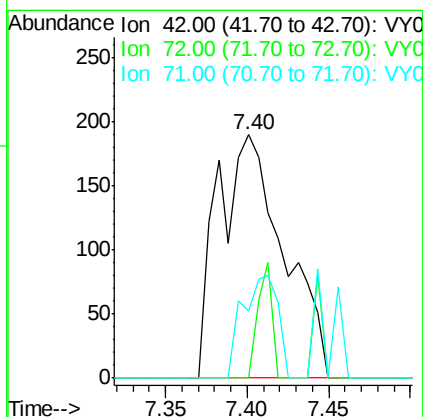
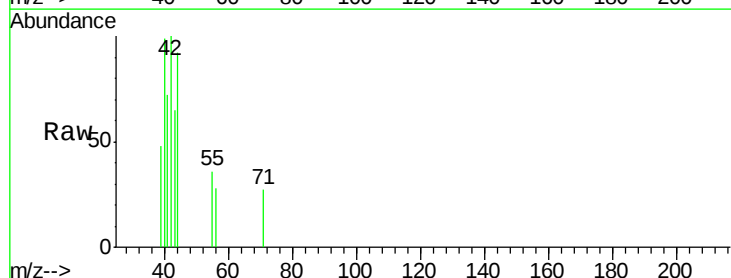
Instrument :
MSVOA_Y
ClientSampled :
B2-0-15

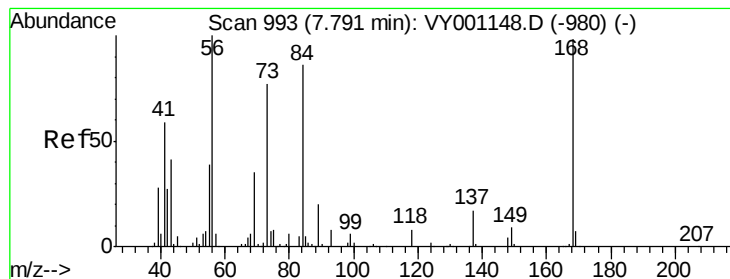
Tgt Ion:	84	Resp:	16893
Ion	Ratio	Lower	Upper
84	100		
49	130.0	93.8	140.6
51	37.0	29.9	44.9
86	65.0	52.6	78.8



#29
Tetrahydrofuran
Concen: 1.07 ug/l
RT: 7.40 min Scan# 929
Delta R.T. 0.04 min
Lab File: VY001286.D
Acq: 17 Jan 2020 23:06

Tgt Ion:	42	Resp:	535
Ion	Ratio	Lower	Upper
42	100		
72	10.3	36.9	55.3#
71	22.4	34.0	51.0#





#31

Cyclohexane

Concen: 1.10 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.04 min

Lab File: VY001286.D

Acq: 17 Jan 2020 23:06

Instrument :

MSVOA_Y

ClientSampled :

B2-0-15

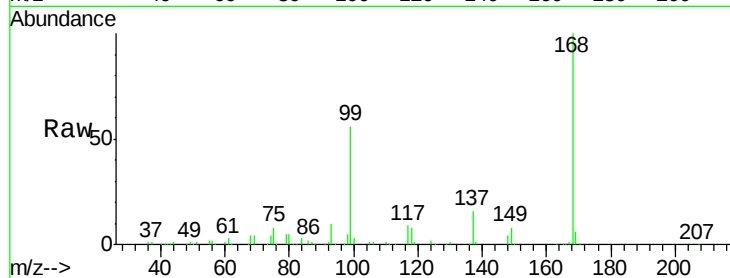
Tgt Ion: 56 Resp: 4278

Ion Ratio Lower Upper

56 100

69 162.4 27.8 41.8#

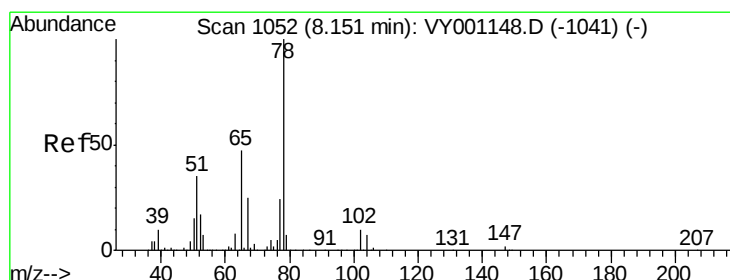
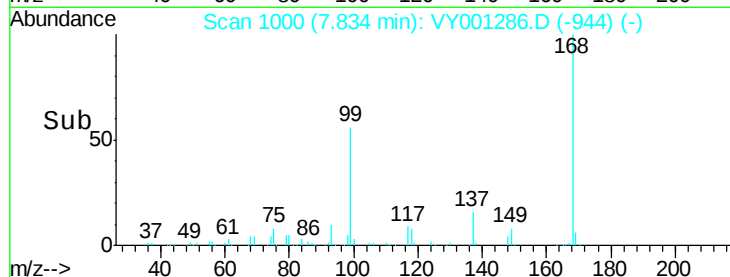
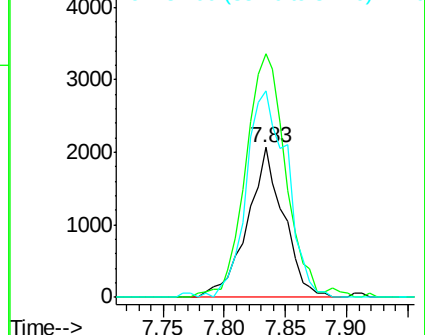
84 137.8 68.9 103.3#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 53.42 ug/l

RT: 8.19 min Scan# 1058

Delta R.T. 0.04 min

Lab File: VY001286.D

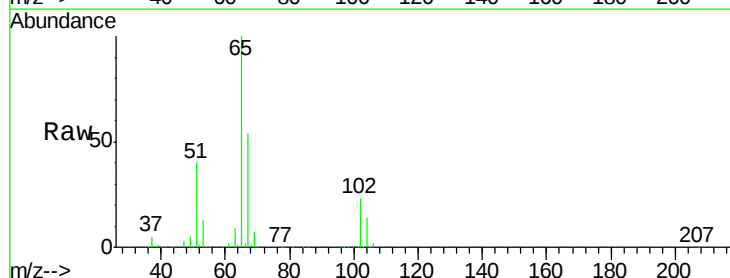
Acq: 17 Jan 2020 23:06

Tgt Ion: 65 Resp: 107858

Ion Ratio Lower Upper

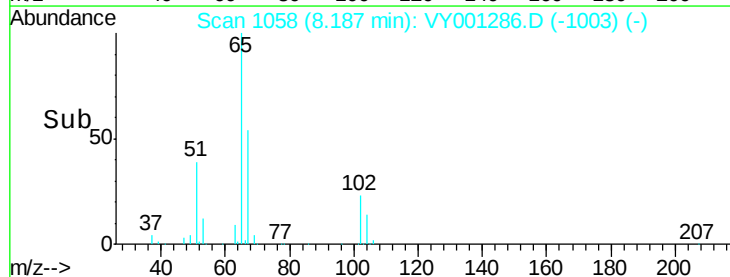
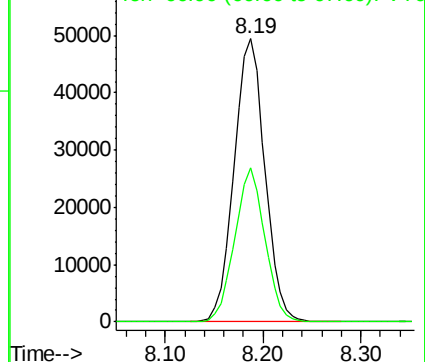
65 100

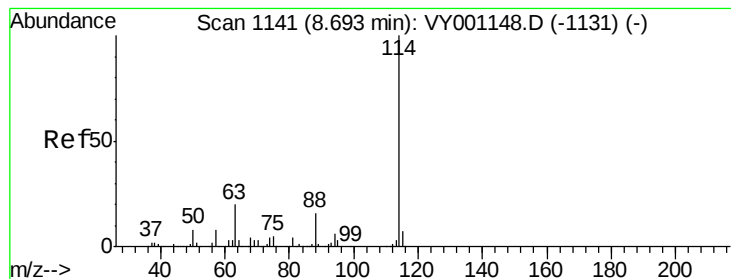
67 53.4 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.73 min Scan# 1147

Delta R.T. 0.04 min

Lab File: VY001286.D

Acq: 17 Jan 2020 23:06

Instrument :

MSVOA_Y

ClientSampleId :

B2-0-15

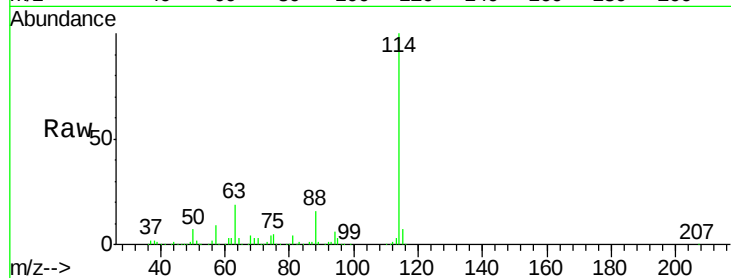
Tgt Ion:114 Resp: 343833

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

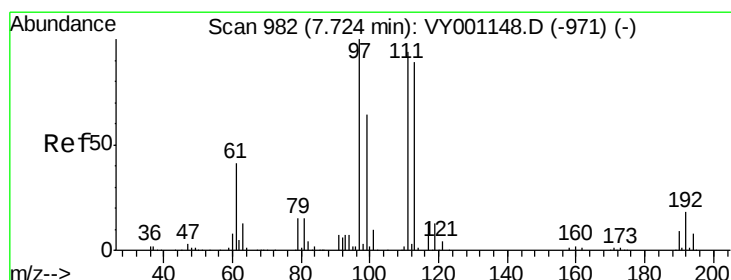
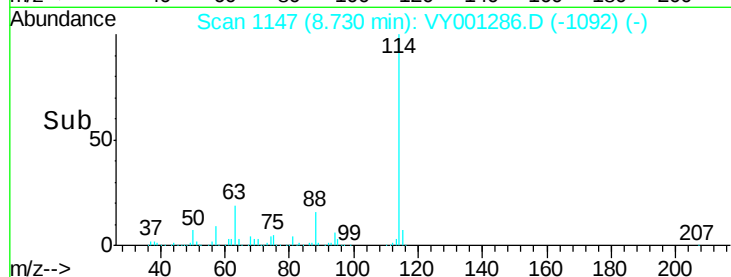
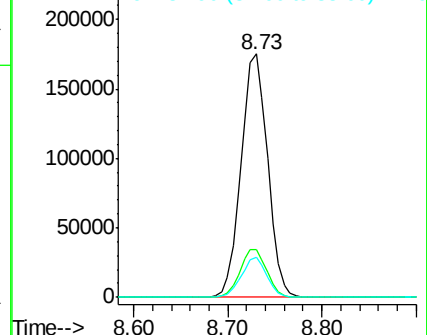
88 16.2 0.0 32.4



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: 49.93 ug/l

RT: 7.77 min Scan# 989

Delta R.T. 0.04 min

Lab File: VY001286.D

Acq: 17 Jan 2020 23:06

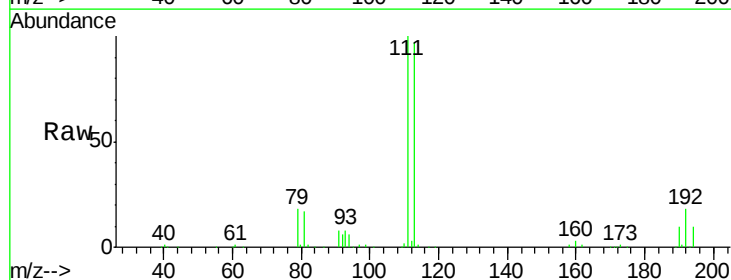
Tgt Ion:113 Resp: 100511

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

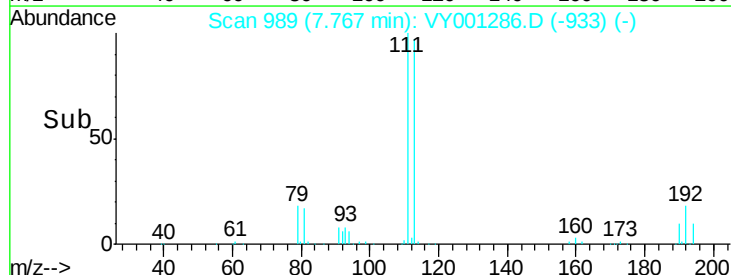
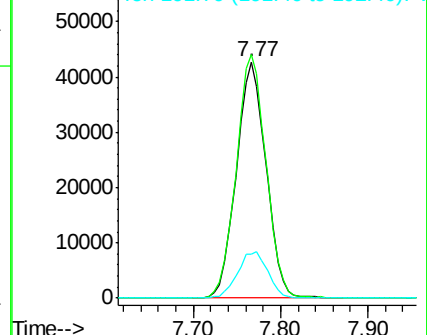
192 20.2 15.4 23.2

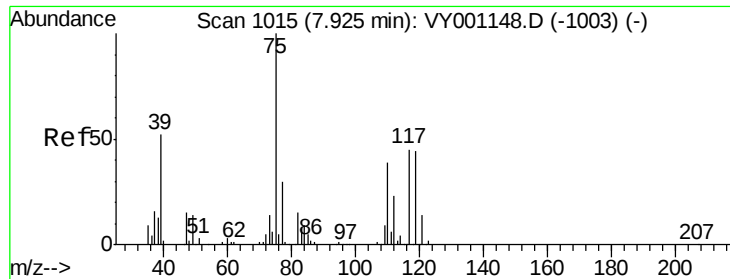


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.68 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. -0.09 min

Lab File: VY001286.D

Acq: 17 Jan 2020 23:06

Instrument :

MSVOA_Y

ClientSampleId :

B2-0-15

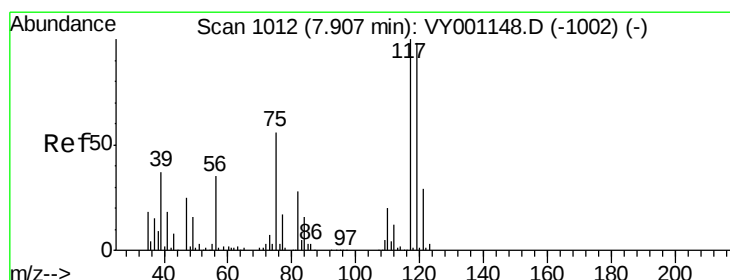
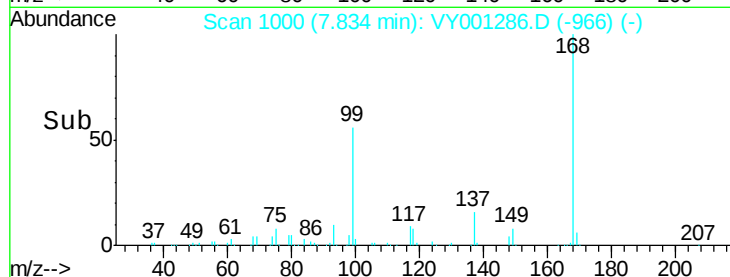
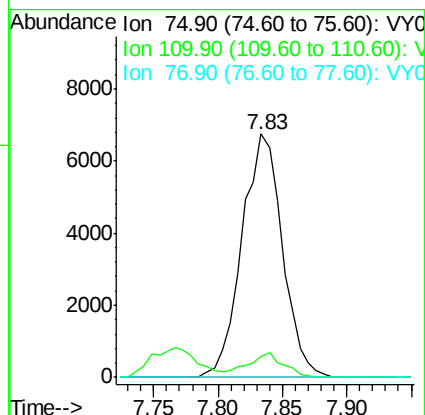
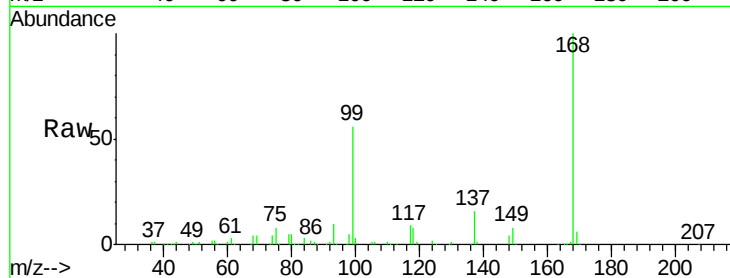
Tgt Ion: 75 Resp: 14652

Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.36 ug/l

RT: 7.84 min Scan# 1001

Delta R.T. -0.07 min

Lab File: VY001286.D

Acq: 17 Jan 2020 23:06

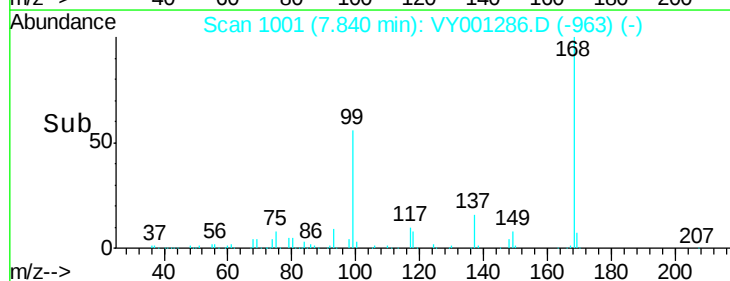
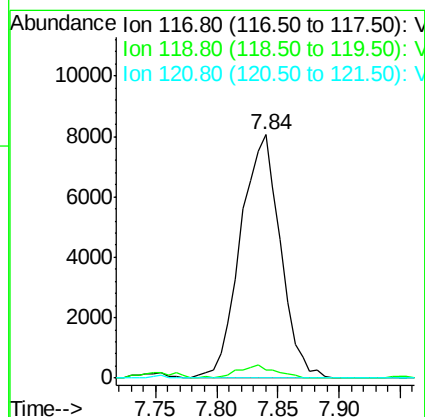
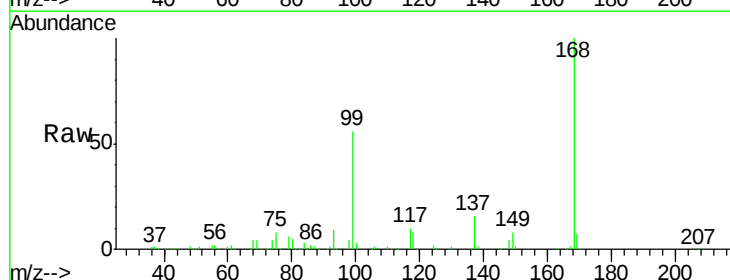
Tgt Ion: 117 Resp: 18273

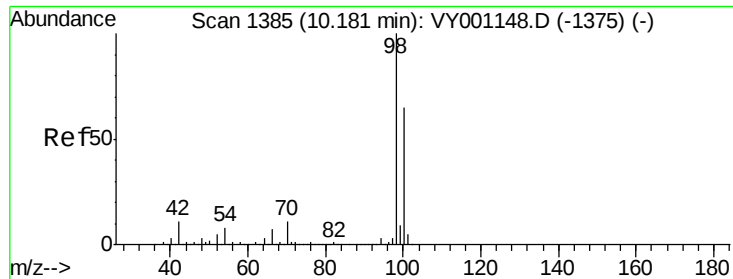
Ion Ratio Lower Upper

117 100

119 3.6 78.3 117.5#

121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 52.97 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001286.D

Acq: 17 Jan 2020 23:06

Instrument :

MSVOA_Y

ClientSampled :

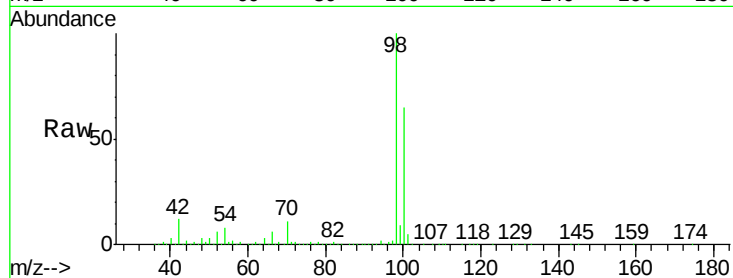
B2-0-15

Tgt Ion: 98 Resp: 410848

Ion Ratio Lower Upper

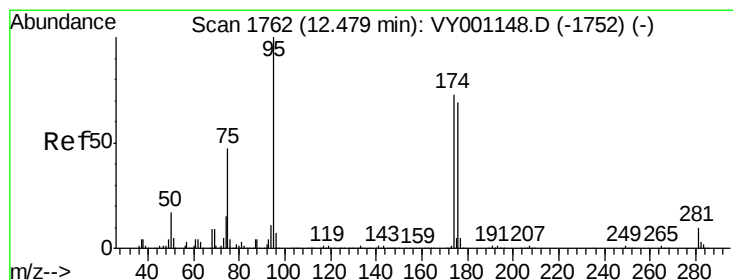
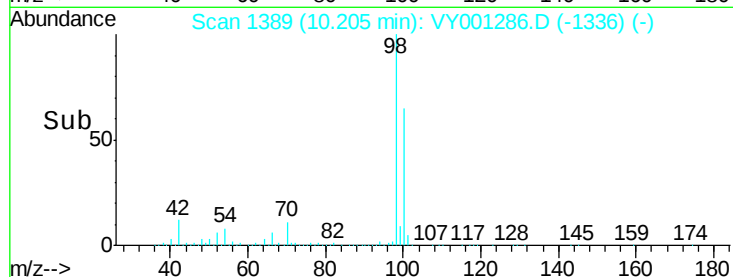
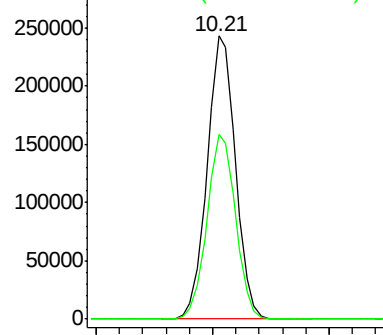
98 100

100 65.9 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: 47.74 ug/l

RT: 12.50 min Scan# 1766

Delta R.T. 0.02 min

Lab File: VY001286.D

Acq: 17 Jan 2020 23:06

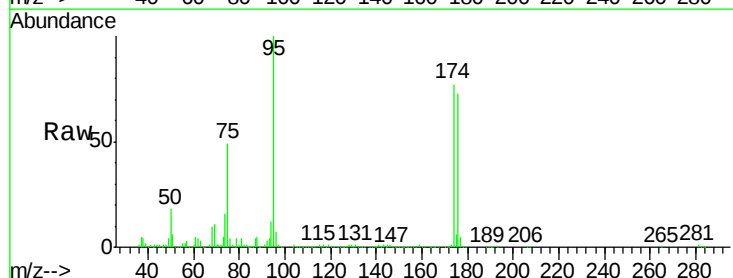
Tgt Ion: 95 Resp: 151401

Ion Ratio Lower Upper

95 100

174 75.3 0.0 143.2

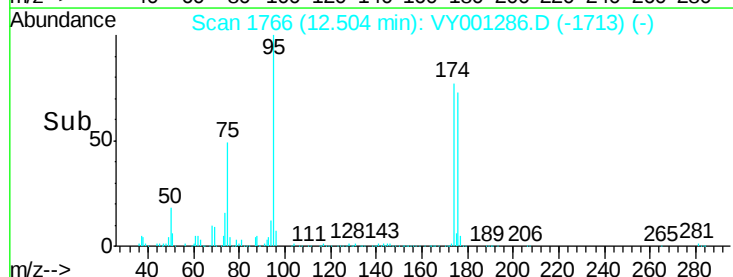
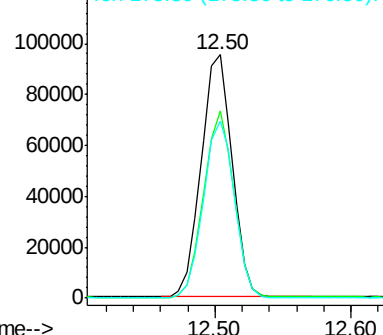
176 73.0 0.0 136.0

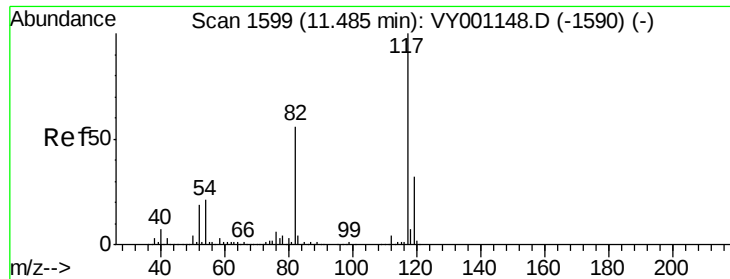


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

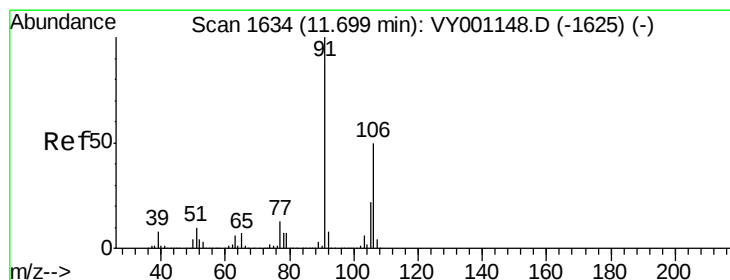
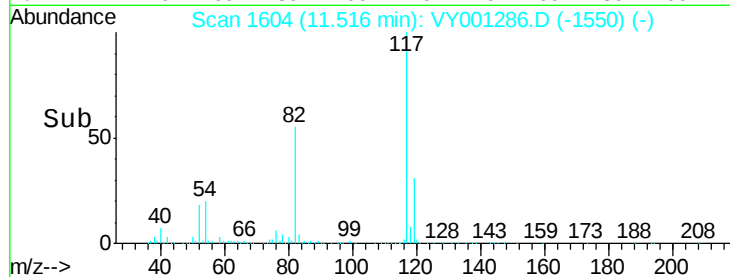
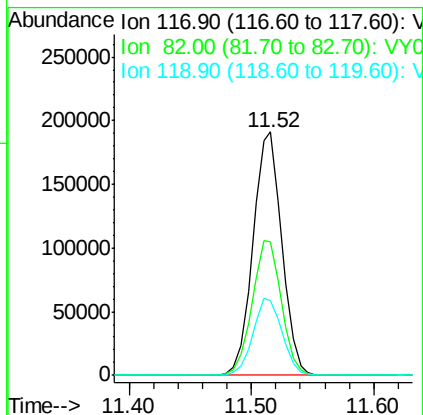
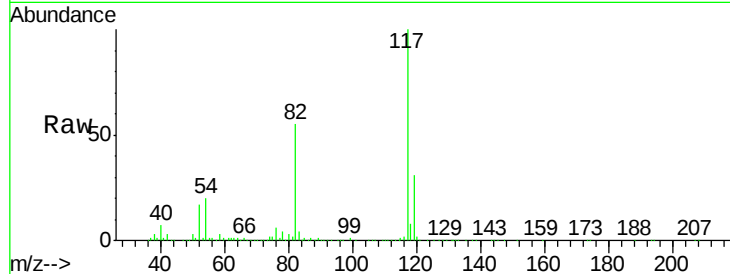




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.03 min
Lab File: VY001286.D
Acq: 17 Jan 2020 23:06

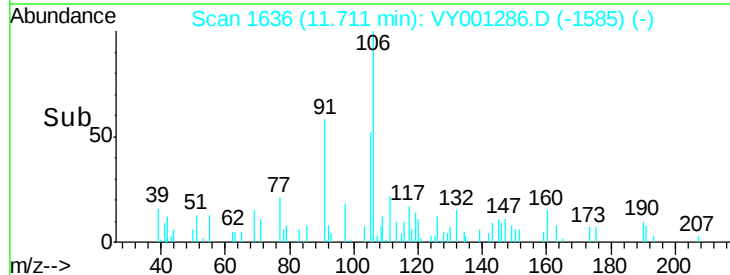
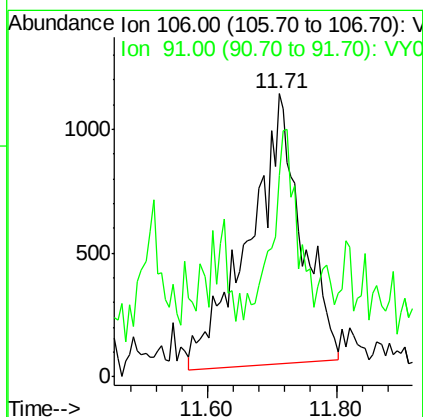
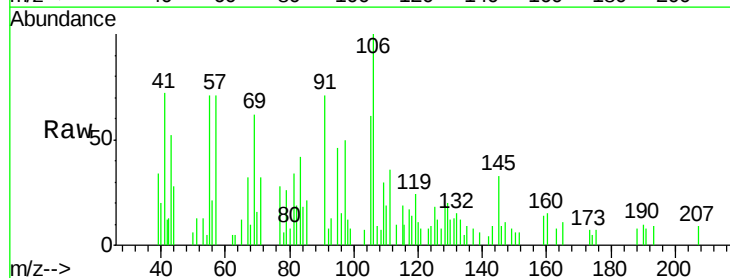
Instrument :
MSVOA_Y
ClientSampleId :
B2-0-15

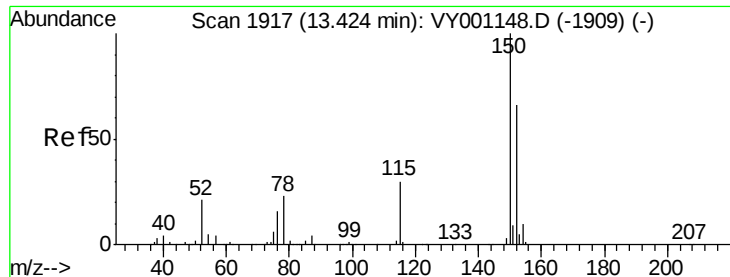
Tgt Ion:117 Resp: 312766
Ion Ratio Lower Upper
117 100
82 54.5 44.9 67.3
119 30.7 25.7 38.5



#68
m/p-Xylenes
Concen: 1.41 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY001286.D
Acq: 17 Jan 2020 23:06

Tgt Ion:106 Resp: 6098
Ion Ratio Lower Upper
106 100
91 33.3 161.4 242.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.02 min

Lab File: VY001286.D

Acq: 17 Jan 2020 23:06

Instrument :

MSVOA_Y

ClientSampleId :

B2-0-15

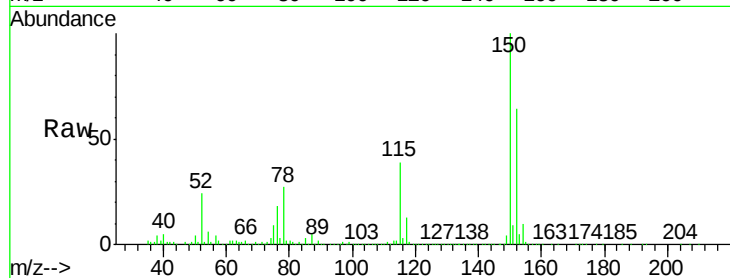
Tgt Ion:152 Resp: 148801

Ion Ratio Lower Upper

152 100

115 60.4 30.9 92.5

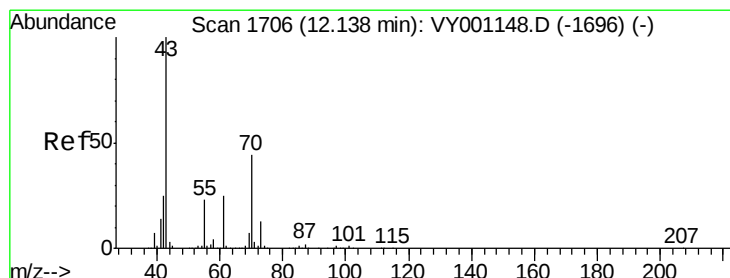
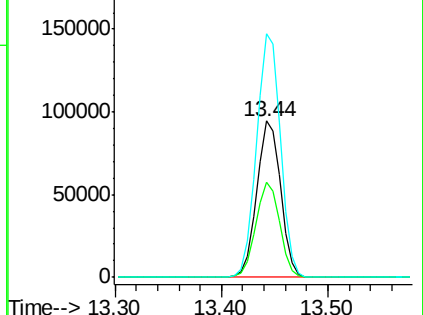
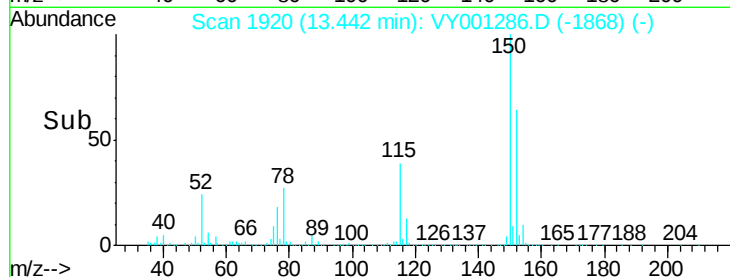
150 155.8 0.0 346.8



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



#74

N-amil acetate

Concen: 4.00 ug/l

RT: 12.16 min Scan# 1710

Delta R.T. 0.02 min

Lab File: VY001286.D

Acq: 17 Jan 2020 23:06

Tgt Ion: 43 Resp: 13955

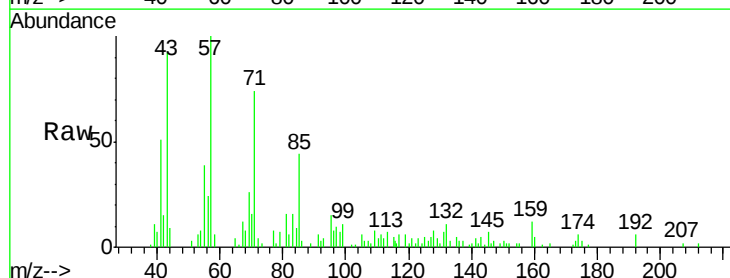
Ion Ratio Lower Upper

43 100

70 17.7 35.0 52.6#

55 0.0 18.4 27.6#

61 0.0 20.1 30.1#

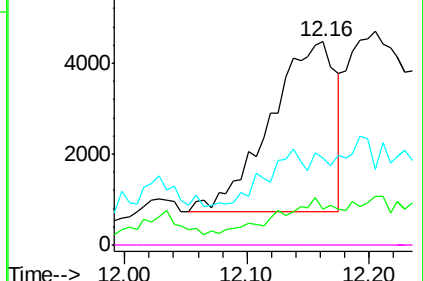
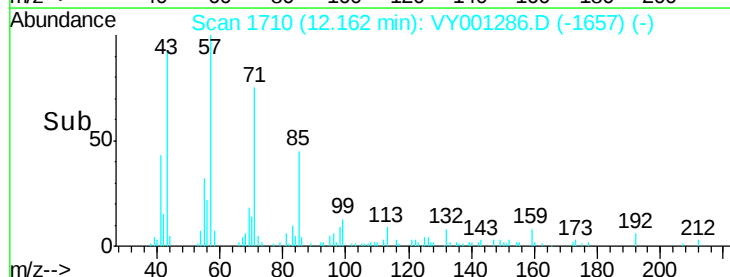


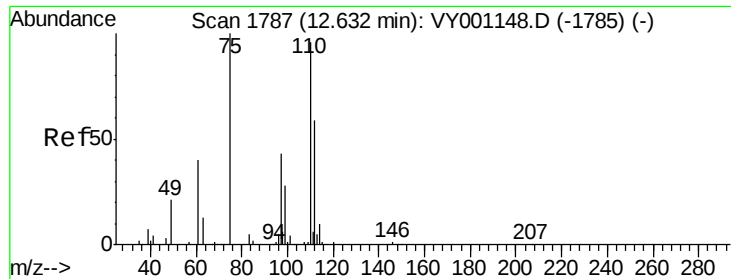
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#76

1,2,3-Trichloropropane

Concen: 46.29 ug/l

RT: 12.50 min Scan# 1766

Delta R.T. -0.13 min

Lab File: VY001286.D

Acq: 17 Jan 2020 23:06

Instrument :

MSVOA_Y

ClientSampled :

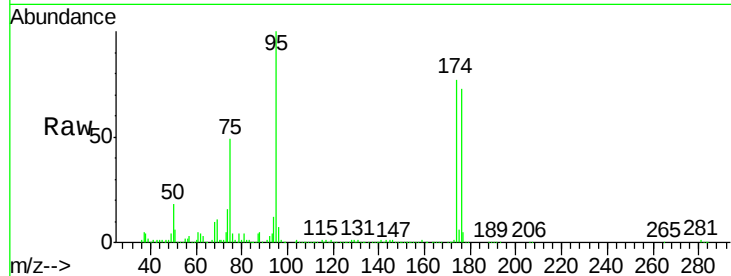
B2-0-15

Tgt Ion: 75 Resp: 73730

Ion Ratio Lower Upper

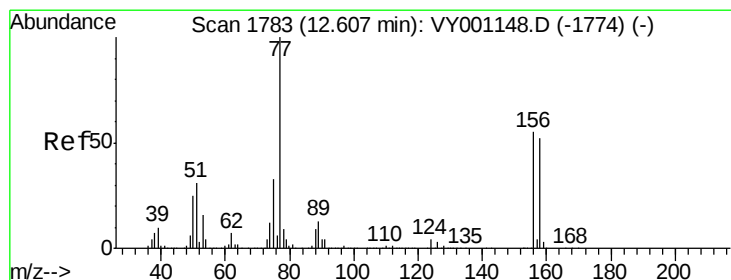
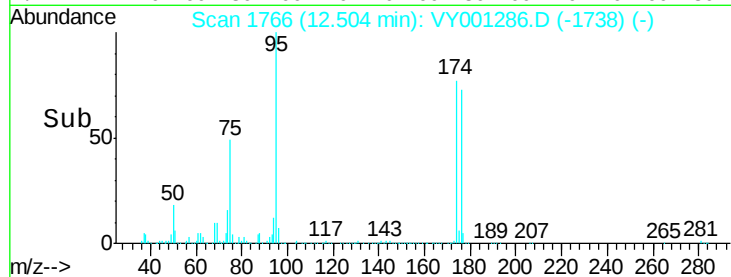
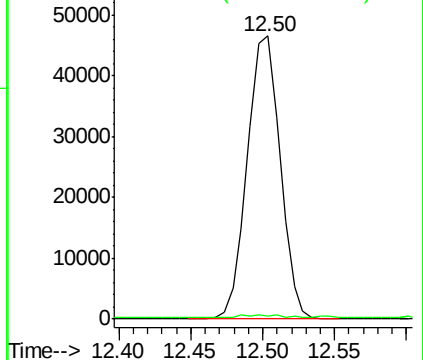
75 100

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



#77

Bromobenzene

Concen: 1.70 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VY001286.D

Acq: 17 Jan 2020 23:06

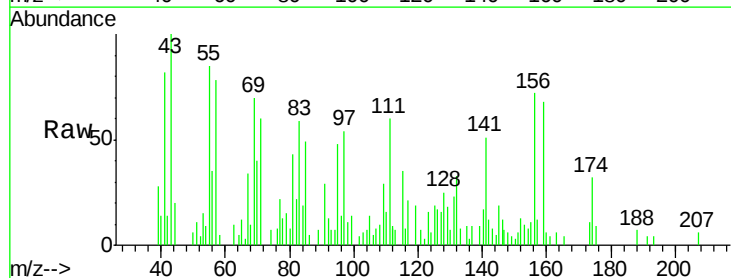
Tgt Ion: 156 Resp: 4208

Ion Ratio Lower Upper

156 100

77 7.6 106.7 320.1#

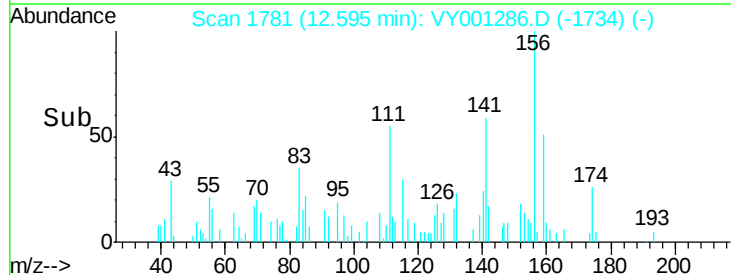
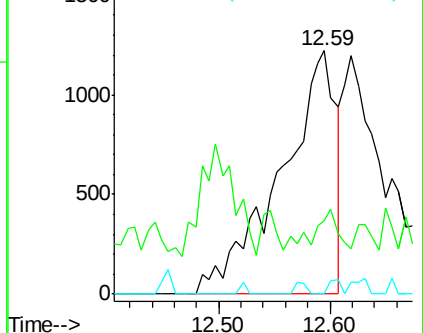
158 1.2 48.3 144.8#

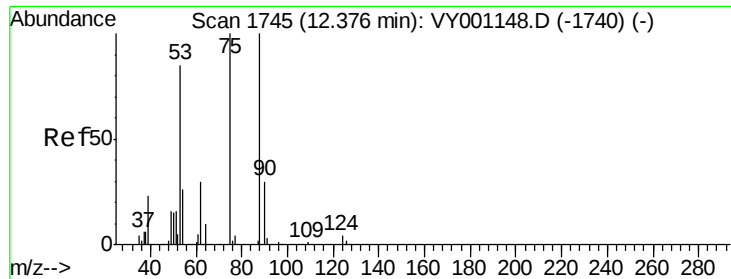


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V





#81

trans-1,4-Dichloro-2-butene

Concen: 78.49 ug/l

RT: 12.50 min Scan# 1766

Delta R.T. 0.13 min

Lab File: VY001286.D

Acq: 17 Jan 2020 23:06

Instrument :

MSVOA_Y

ClientSampleId :

B2-0-15

Tgt Ion: 75 Resp: 73730

Ion Ratio Lower Upper

75 100

53 0.1 69.4 104.2#

89 0.3 0.0 0.0#

