

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
 Data File : VY001180.D
 Acq On : 13 Jan 2020 14:54
 Operator : SY/MD
 Sample : L1073-02RE
 Misc : 6.17G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-02-8.5-9

Quant Time: Jan 14 10:12:41 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	141903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	258648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	226514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	92460	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	77809	51.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.84%	
35) Dibromofluoromethane	7.73	113	78502	51.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.68%	
50) Toluene-d8	10.18	98	305741	52.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.48	95	102986	43.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.34%	

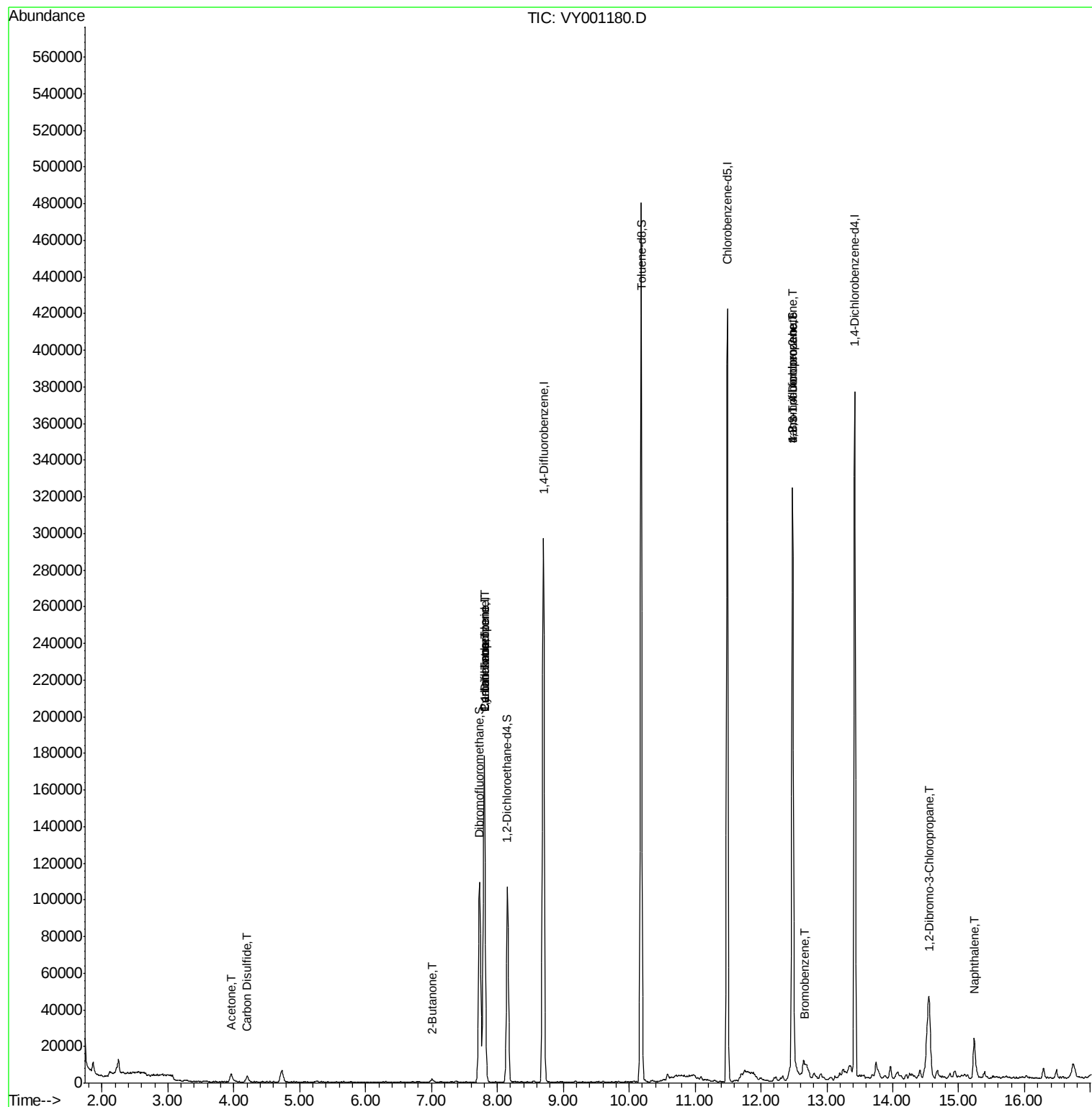
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	8308	23.869	ug/l	96
17) Carbon Disulfide	4.20	76	5759	1.227	ug/l #	92
20) Methylene Chloride	4.73	84	4982	Below Cal		90
25) 2-Butanone	7.01	43	2707	4.997	ug/l	94
31) Cyclohexane	7.80	56	3109	1.073	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	10592	4.493	ug/l #	48
38) Carbon Tetrachloride	7.80	117	13413	6.208	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	50227	50.745	ug/l #	100
77) Bromobenzene	12.67	156	10414	6.780	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.48	75	50227	86.052	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.55	75	3147	11.929	ug/l #	1
95) Naphthalene	15.23	128	9444	2.281	ug/l	97

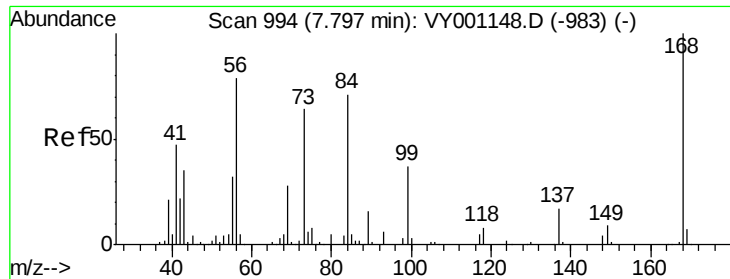
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
Data File : VY001180.D
Acq On : 13 Jan 2020 14:54
Operator : SY/MD
Sample : L1073-02RE
Misc : 6.17G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-02-8.5-9

Quant Time: Jan 14 10:12:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
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: VY001180.D

Acq: 13 Jan 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

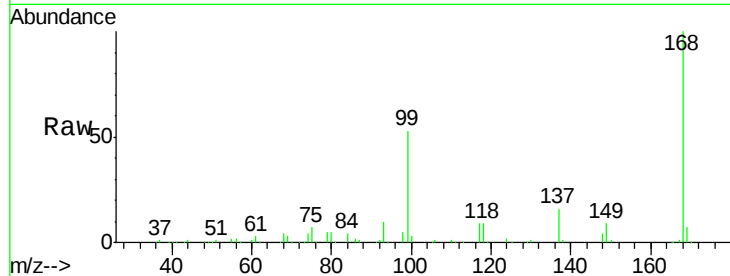
CIY1-SB-02-8.5-9

Tgt Ion:168 Resp: 141903

Ion Ratio Lower Upper

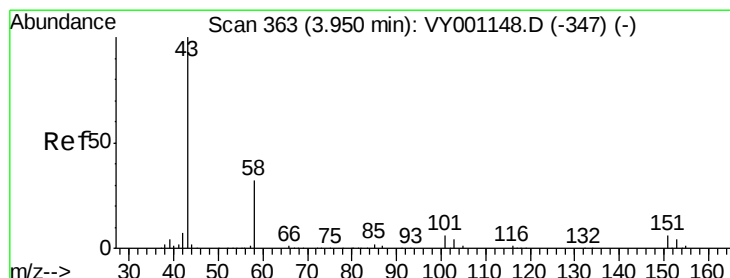
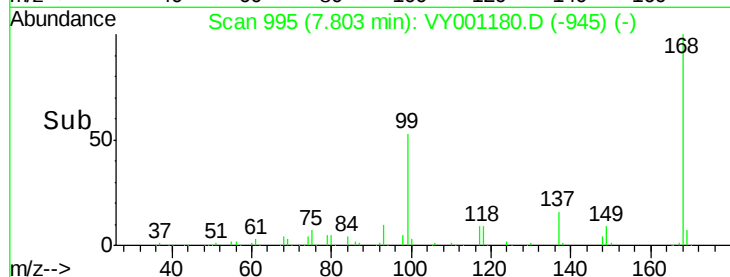
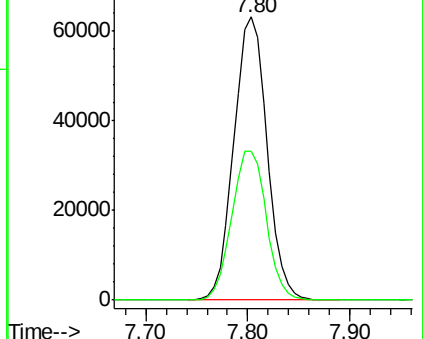
168 100

99 52.8 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001180.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001180.D (-983) (-)



#16

Acetone

Concen: 23.869 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001180.D

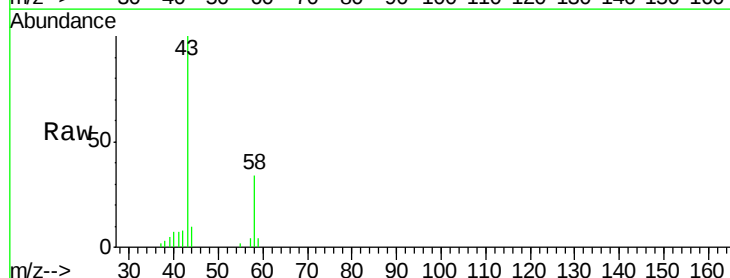
Acq: 13 Jan 2020 14:54

Tgt Ion: 43 Resp: 8308

Ion Ratio Lower Upper

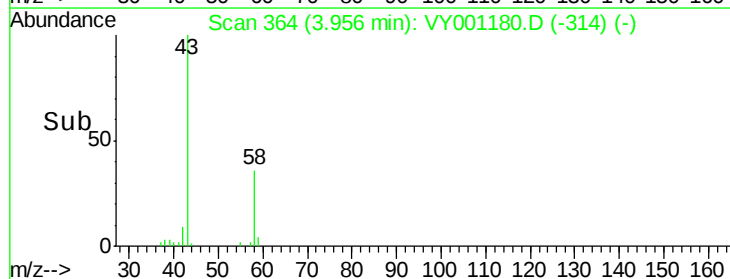
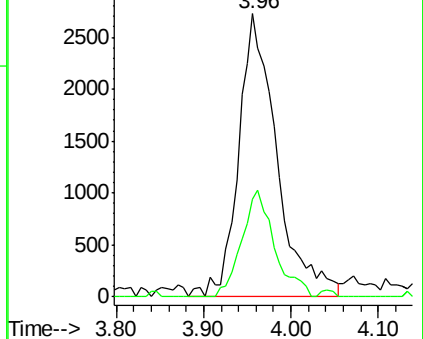
43 100

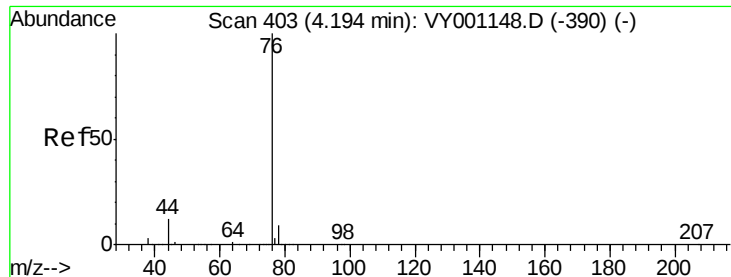
58 34.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001180.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001180.D (-347) (-)

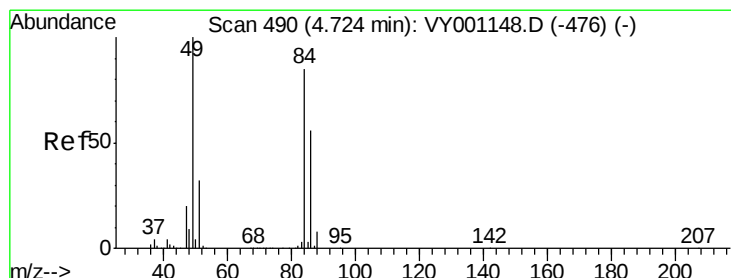
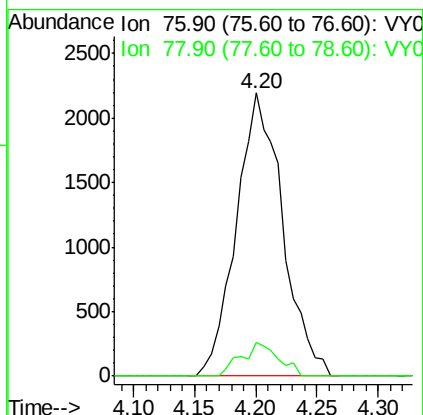
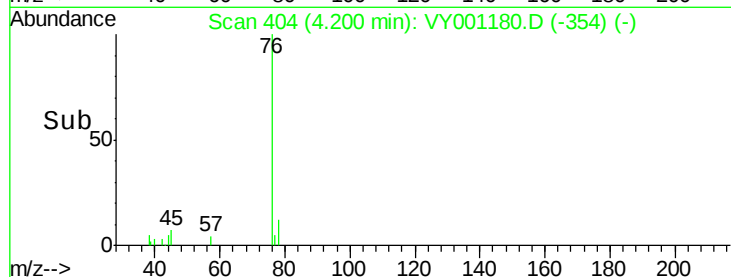
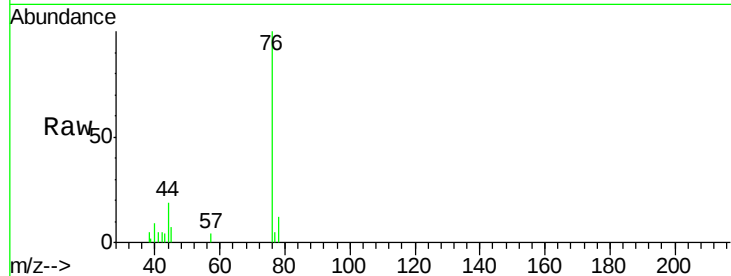




#17
Carbon Disulfide
Concen: 1.227 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001180.D
Acq: 13 Jan 2020 14:54

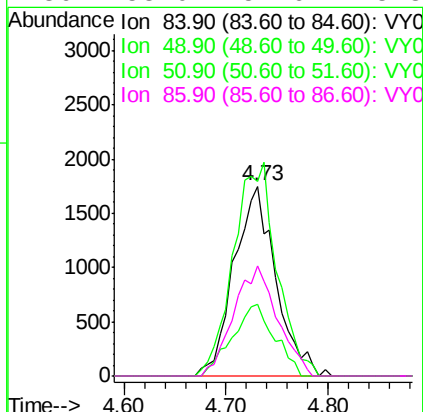
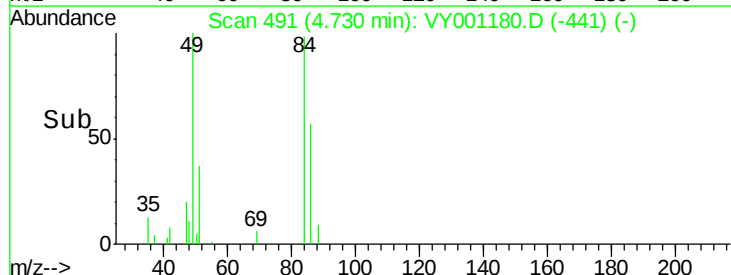
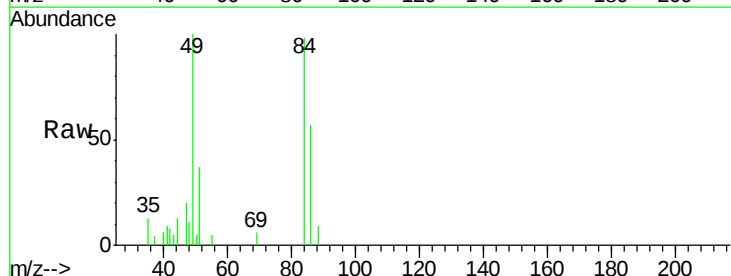
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-02-8.5-9

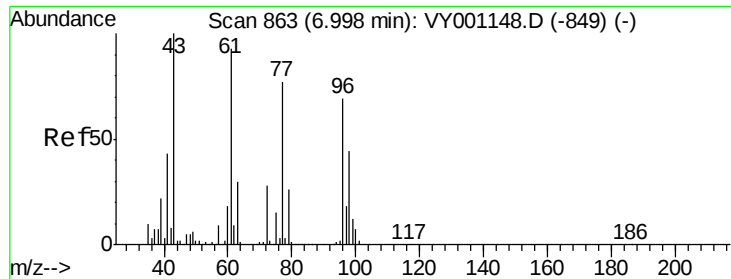
Tgt Ion: 76 Resp: 5759
Ion Ratio Lower Upper
76 100
78 11.9 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001180.D
Acq: 13 Jan 2020 14:54

Tgt Ion: 84 Resp: 4982
Ion Ratio Lower Upper
84 100
49 102.1 93.8 140.6
51 37.6 29.9 44.9
86 58.0 52.6 78.8





#25

2-Butanone

Concen: 4.997 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY001180.D

Acq: 13 Jan 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

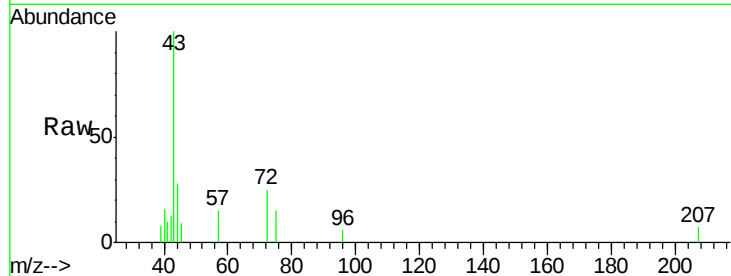
CIY1-SB-02-8.5-9

Tgt Ion: 43 Resp: 2707

Ion Ratio Lower Upper

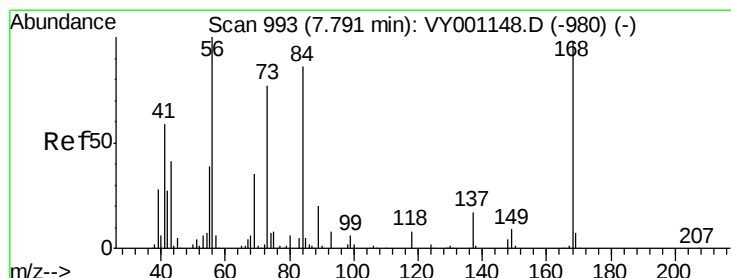
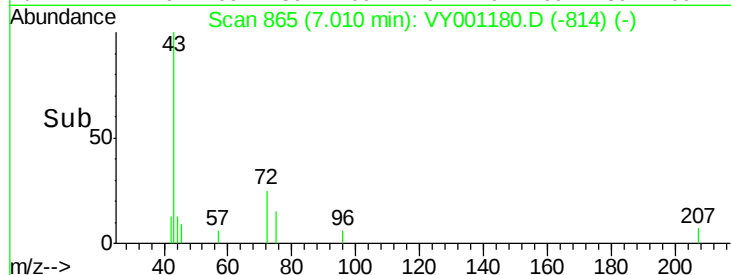
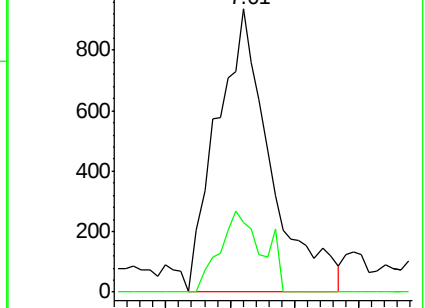
43 100

72 24.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#31

Cyclohexane

Concen: 1.073 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001180.D

Acq: 13 Jan 2020 14:54

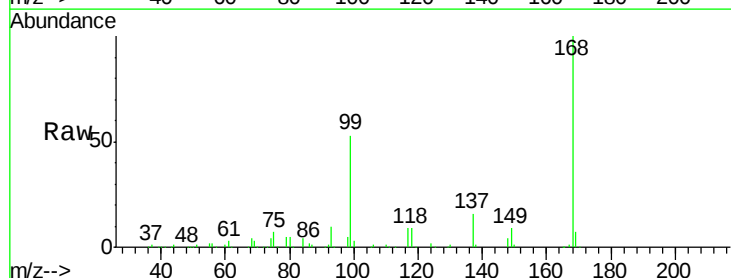
Tgt Ion: 56 Resp: 3109

Ion Ratio Lower Upper

56 100

69 154.0 27.8 41.8#

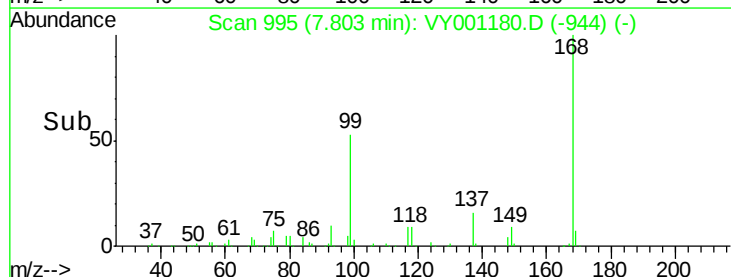
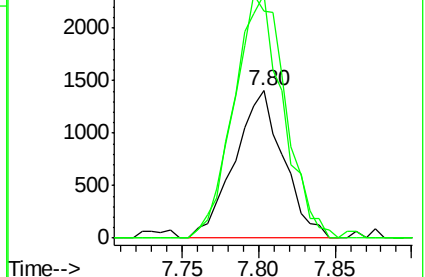
84 165.7 68.9 103.3#

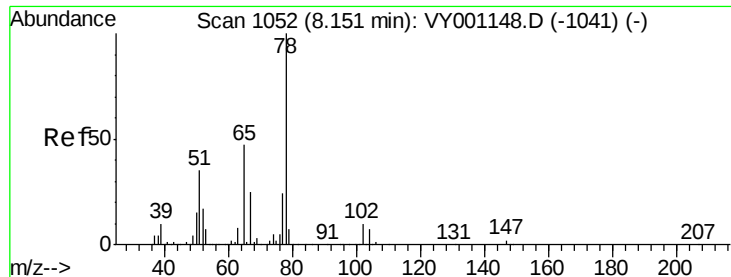


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

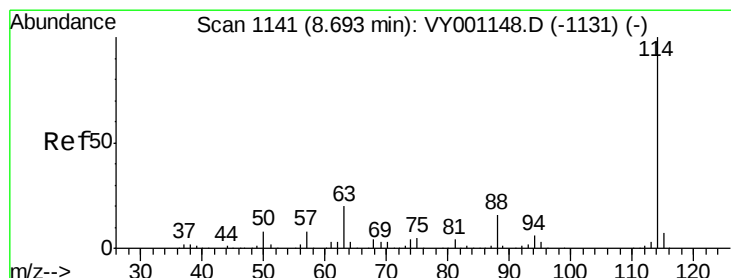
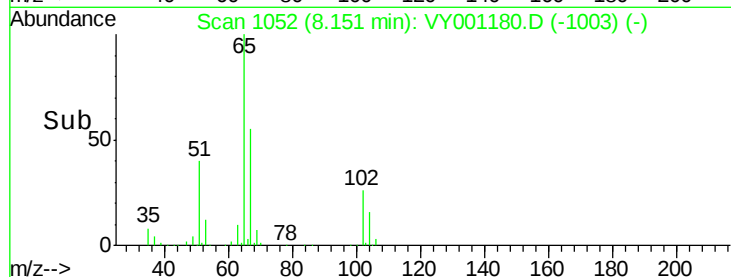
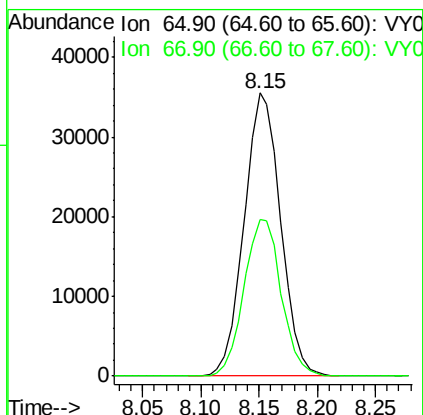
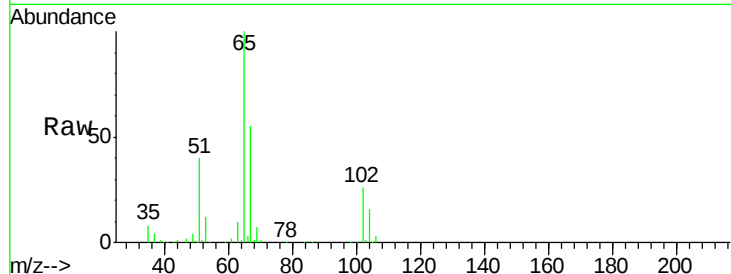




#33
 1,2-Dichloroethane-d4
 Concen: 51.916 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001180.D
 Acq: 13 Jan 2020 14:54

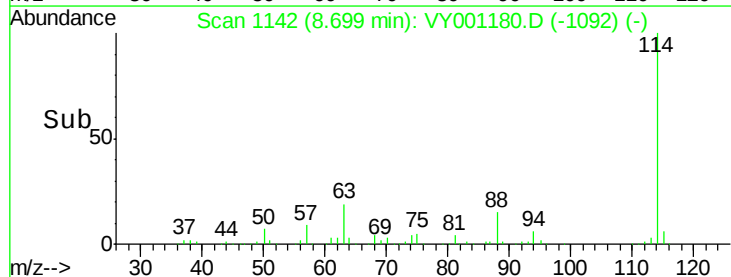
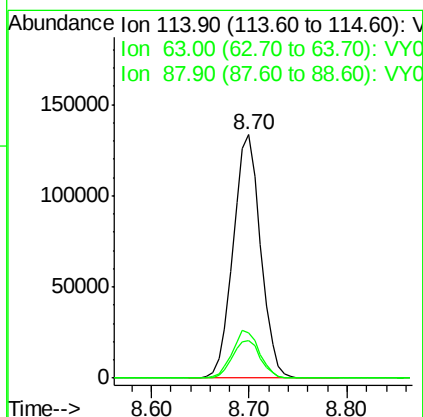
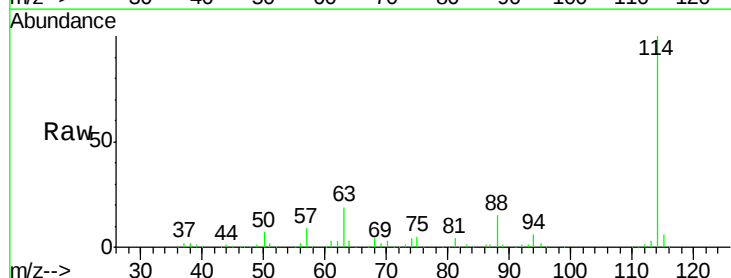
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-02-8.5-9

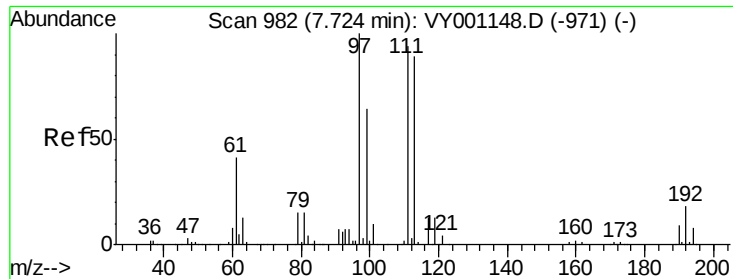
Tgt Ion: 65 Resp: 77809
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001180.D
 Acq: 13 Jan 2020 14:54

Tgt Ion: 114 Resp: 258648
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.8
 88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.838 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001180.D

Acq: 13 Jan 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-02-8.5-9

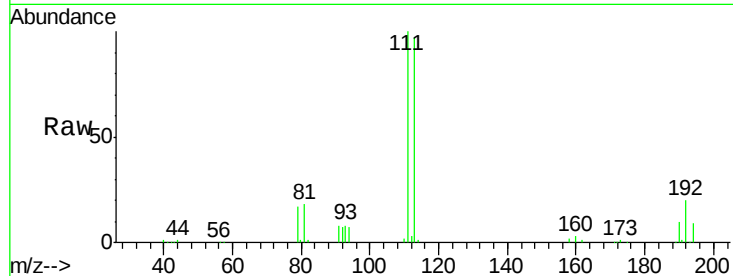
Tgt Ion:113 Resp: 78502

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

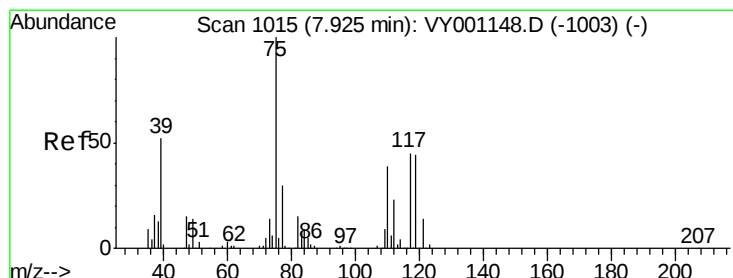
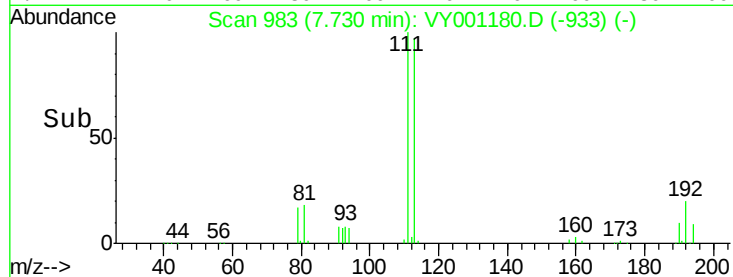
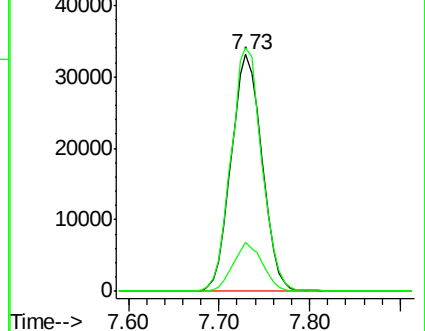
192 19.7 15.4 23.2



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: 4.493 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.12 min

Lab File: VY001180.D

Acq: 13 Jan 2020 14:54

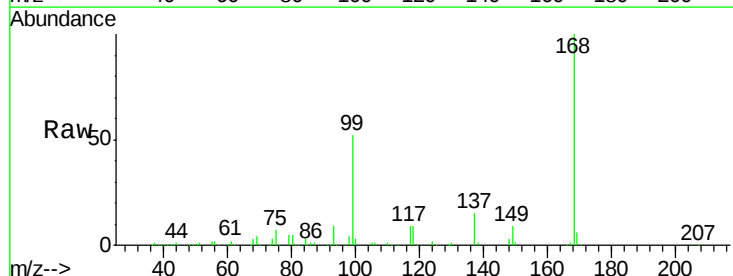
Tgt Ion: 75 Resp: 10592

Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

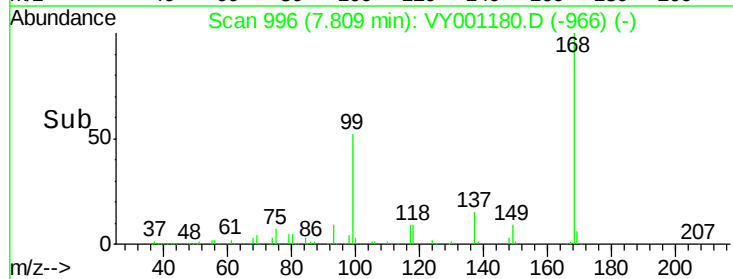
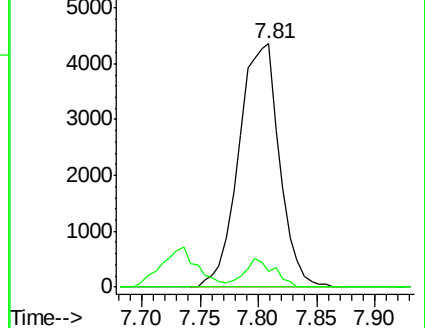
77 0.0 25.1 37.7#

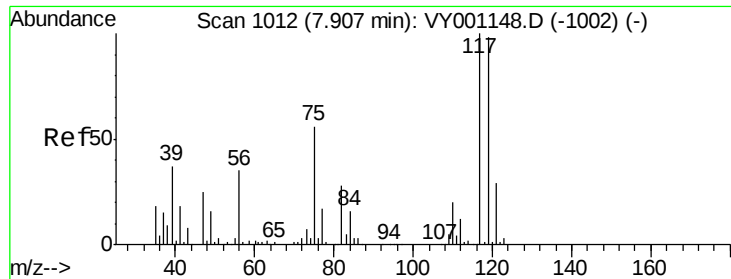


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

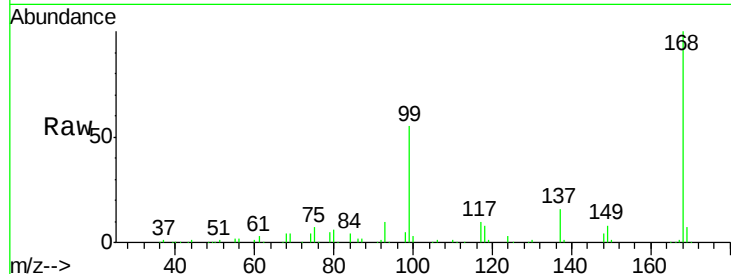




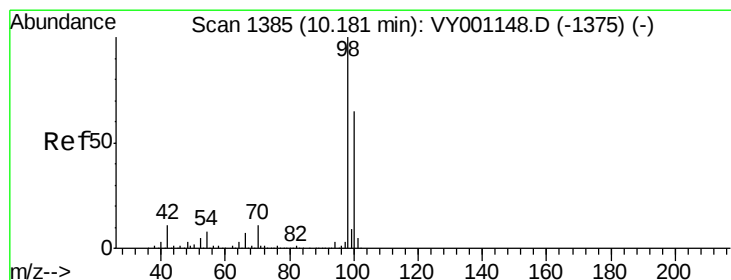
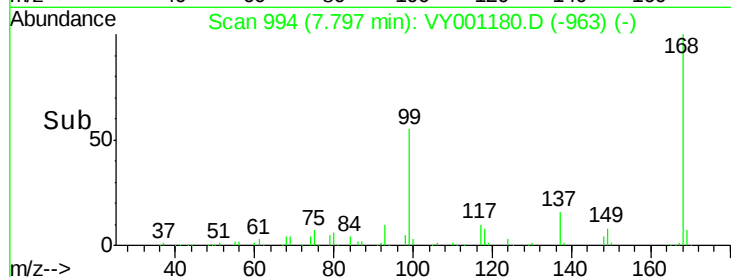
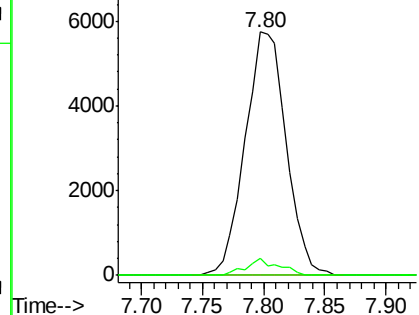
#38
Carbon Tetrachloride
Concen: 6.208 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001180.D
Acq: 13 Jan 2020 14:54

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-02-8.5-9

Tgt Ion:117 Resp: 13413
Ion Ratio Lower Upper
117 100
119 6.8 78.3 117.5#
121 0.0 23.5 35.3#

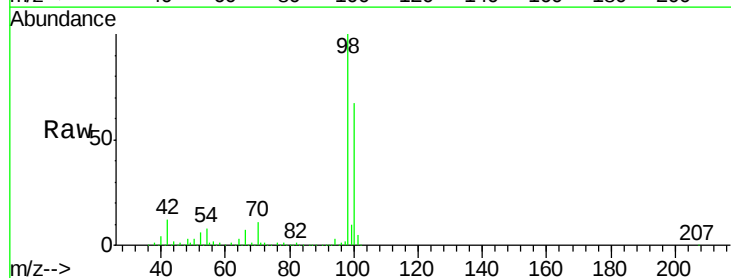


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

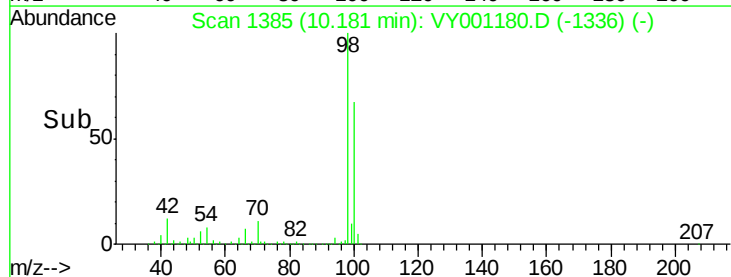
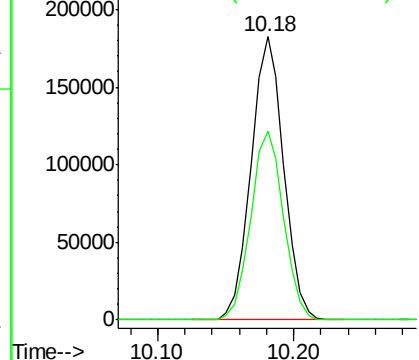


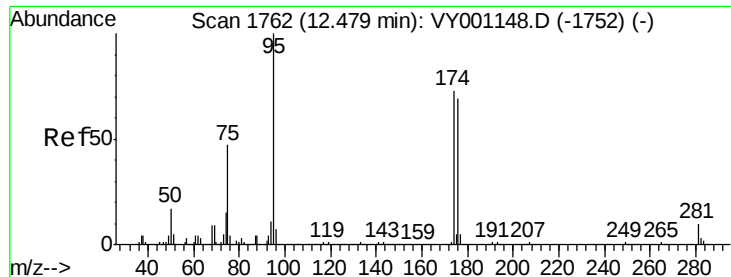
#50
Toluene-d8
Concen: 52.397 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001180.D
Acq: 13 Jan 2020 14:54

Tgt Ion: 98 Resp: 305741
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7



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

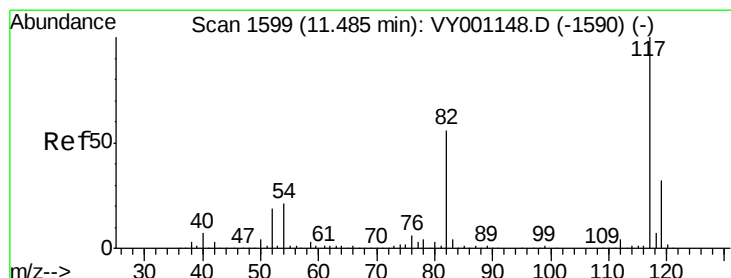
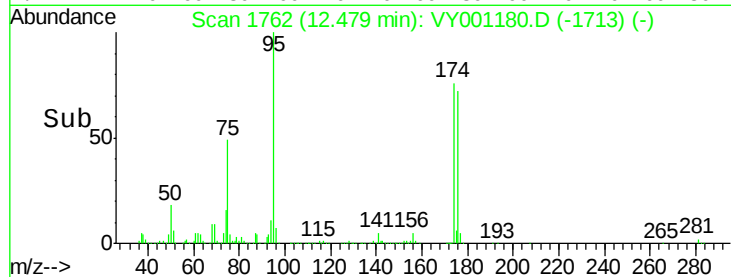
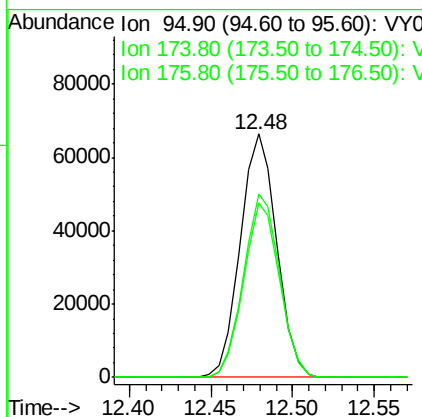
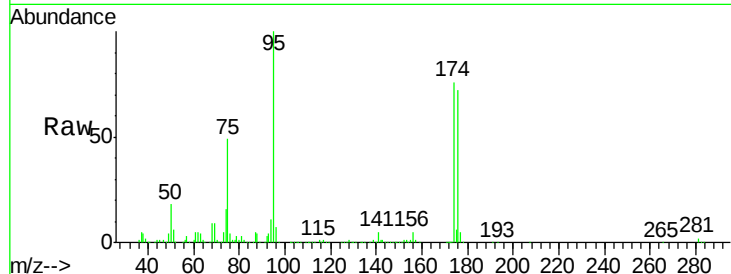




#62
4-Bromofluorobenzene
Concen: 43.170 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001180.D
Acq: 13 Jan 2020 14:54

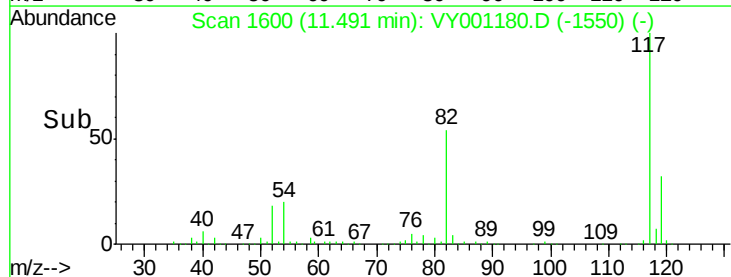
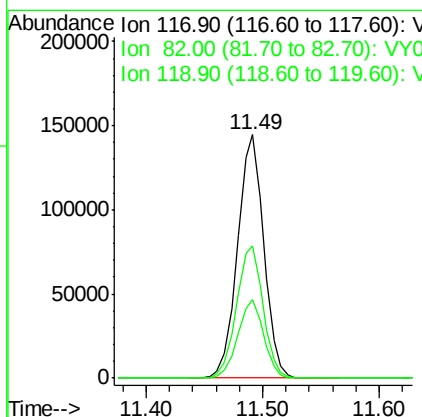
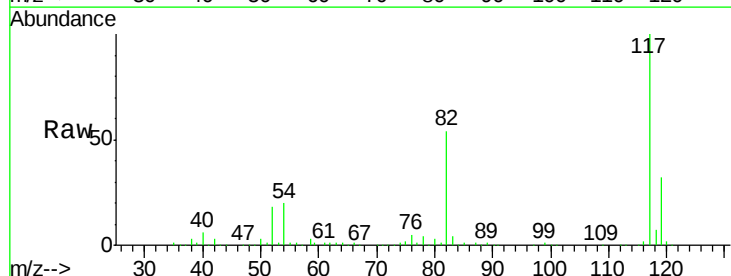
Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-02-8.5-9

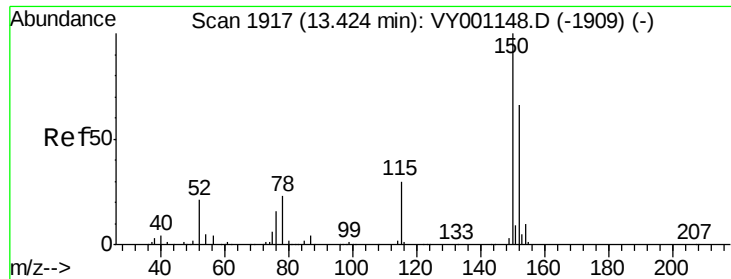
Tgt Ion: 95 Resp: 102986
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.2
176 71.3 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001180.D
Acq: 13 Jan 2020 14:54

Tgt Ion: 117 Resp: 226514
Ion Ratio Lower Upper
117 100
82 54.2 44.9 67.3
119 32.4 25.7 38.5



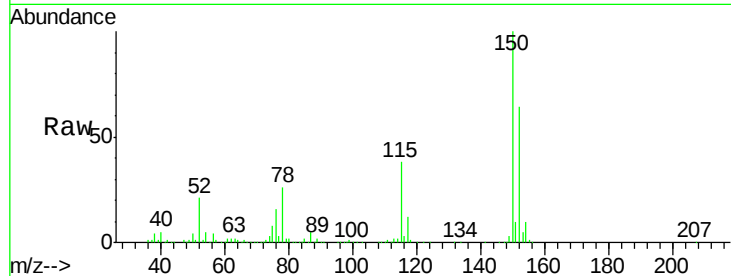


#72

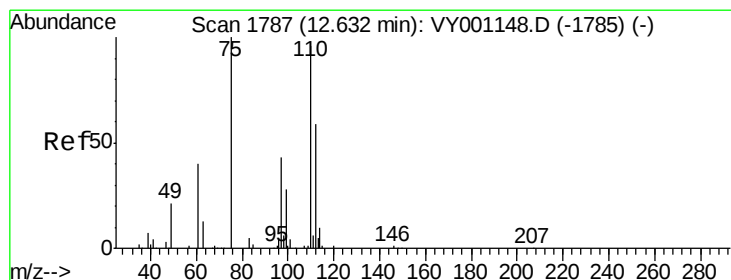
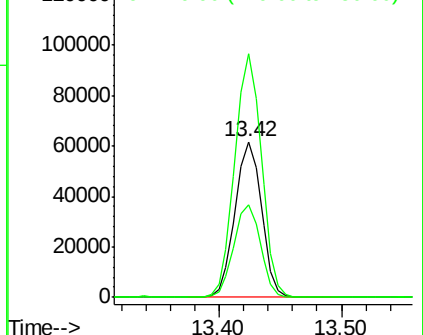
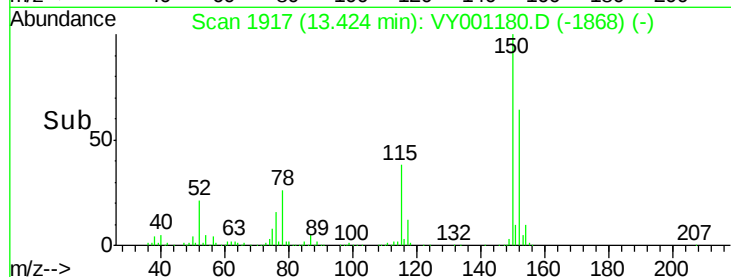
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001180.D
Acq: 13 Jan 2020 14:54

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-02-8.5-9

Tgt Ion:152 Resp: 92460
Ion Ratio Lower Upper
152 100
115 59.8 30.9 92.5
150 157.6 0.0 346.8



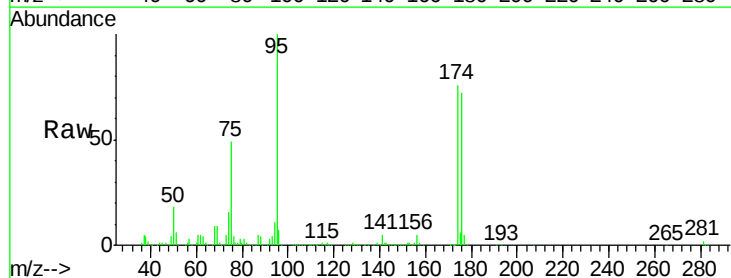
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



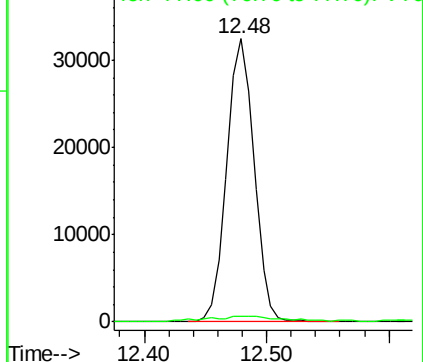
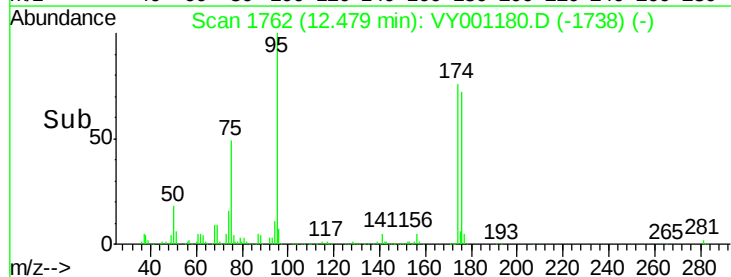
#76

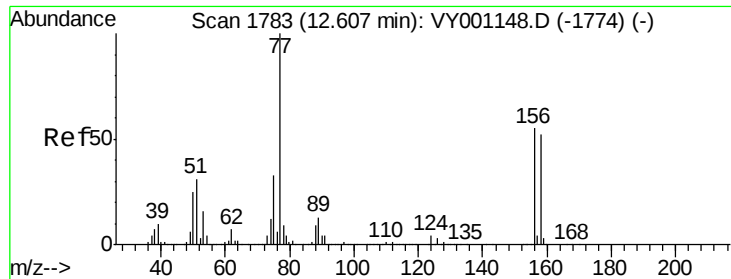
1,2,3-Trichloropropane
Concen: 50.745 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001180.D
Acq: 13 Jan 2020 14:54

Tgt Ion: 75 Resp: 50227
Ion Ratio Lower Upper
75 100
77 6.0 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: 6.780 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.06 min

Lab File: VY001180.D

Acq: 13 Jan 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-02-8.5-9

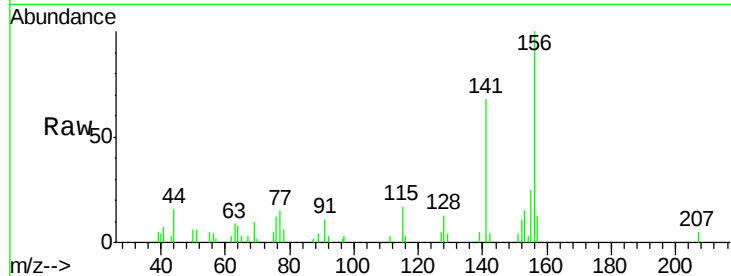
Tgt Ion:156 Resp: 10414

Ion Ratio Lower Upper

156 100

77 6.0 106.7 320.1#

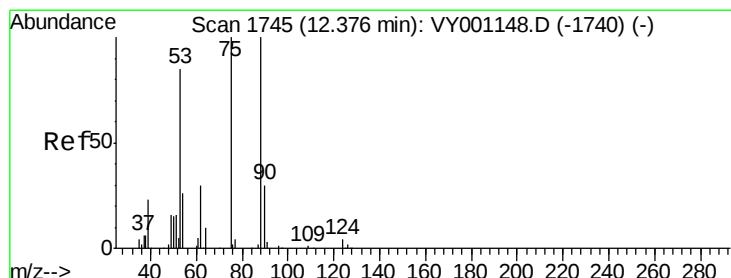
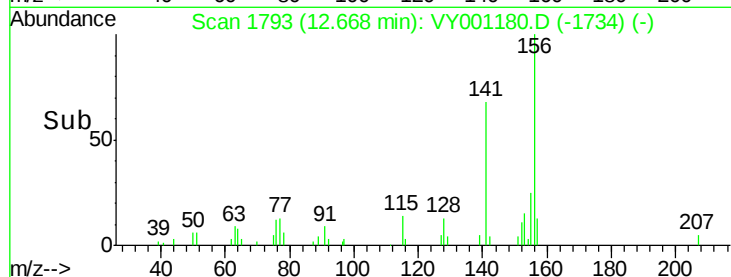
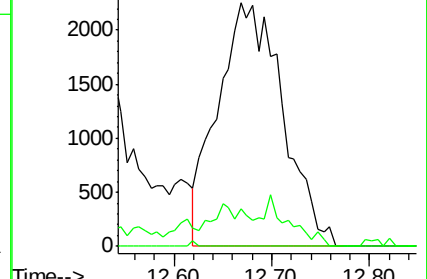
158 0.0 48.3 144.8#



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: 86.052 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001180.D

Acq: 13 Jan 2020 14:54

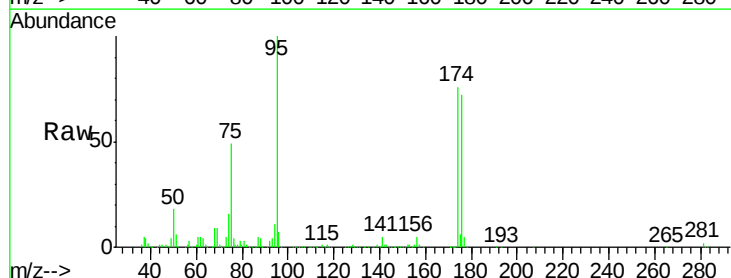
Tgt Ion: 75 Resp: 50227

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

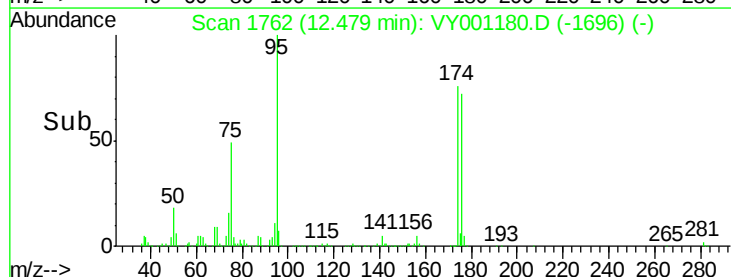
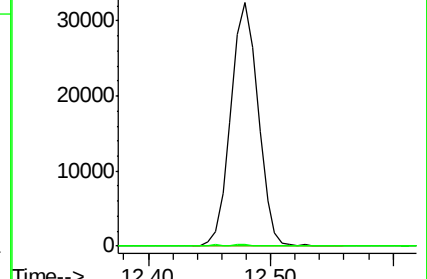
89 0.3 0.0 0.0#

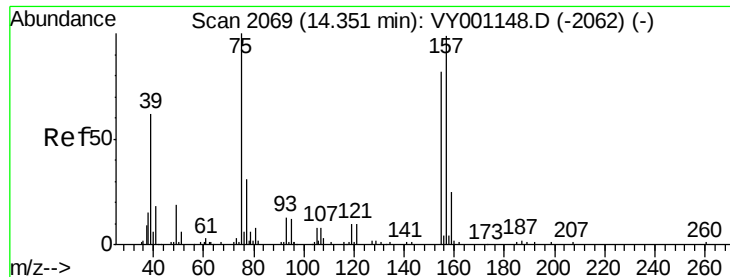


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#92

1,2-Dibromo-3-Chloropropane

Concen: 11.929 ug/l

RT: 14.55 min Scan# 2101

Delta R.T. 0.19 min

Lab File: VY001180.D

Acq: 13 Jan 2020 14:54

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-02-8.5-9

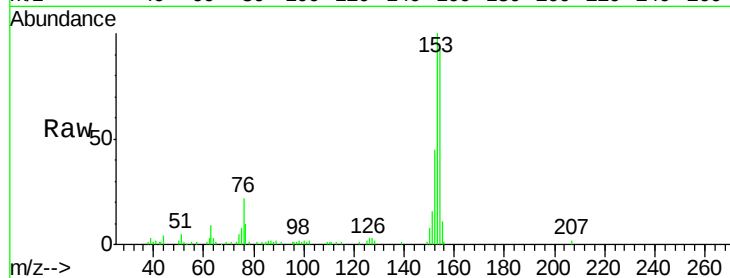
Tgt Ion: 75 Resp: 3147

Ion Ratio Lower Upper

75 100

155 169.0 41.2 123.6#

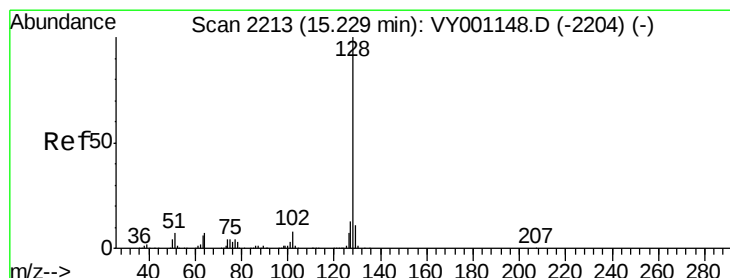
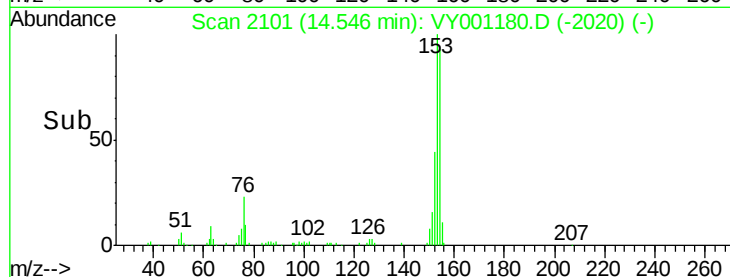
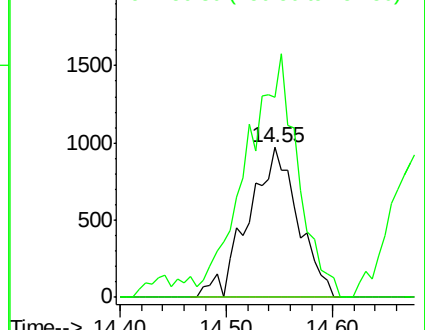
157 0.0 52.8 158.4#



Abundance Ion 74.90 (74.60 to 75.60): VY001180.D (-2020) (-)

Ion 154.80 (154.50 to 155.50): VY001180.D (-2020) (-)

Ion 156.80 (156.50 to 157.50): VY001180.D (-2020) (-)



#95

Naphthalene

Concen: 2.281 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.01 min

Lab File: VY001180.D

Acq: 13 Jan 2020 14:54

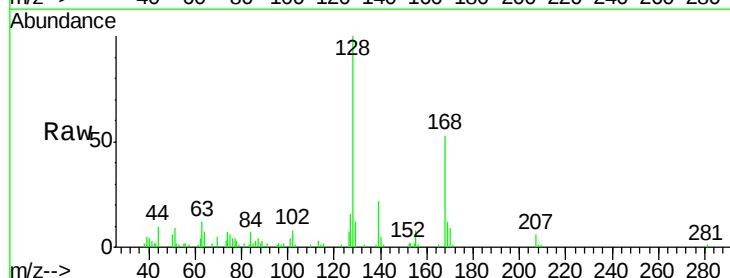
Tgt Ion: 128 Resp: 9444

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

129 11.7 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): VY001180.D (-2164) (-)

Ion 127.00 (126.70 to 127.70): VY001180.D (-2164) (-)

Ion 129.00 (128.70 to 129.70): VY001180.D (-2164) (-)

