

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
 Data File : VY001185.D
 Acq On : 13 Jan 2020 17:15
 Operator : SY/MD
 Sample : L1004-04
 Misc : 7.13G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-RO-234

Quant Time: Jan 14 10:13:32 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

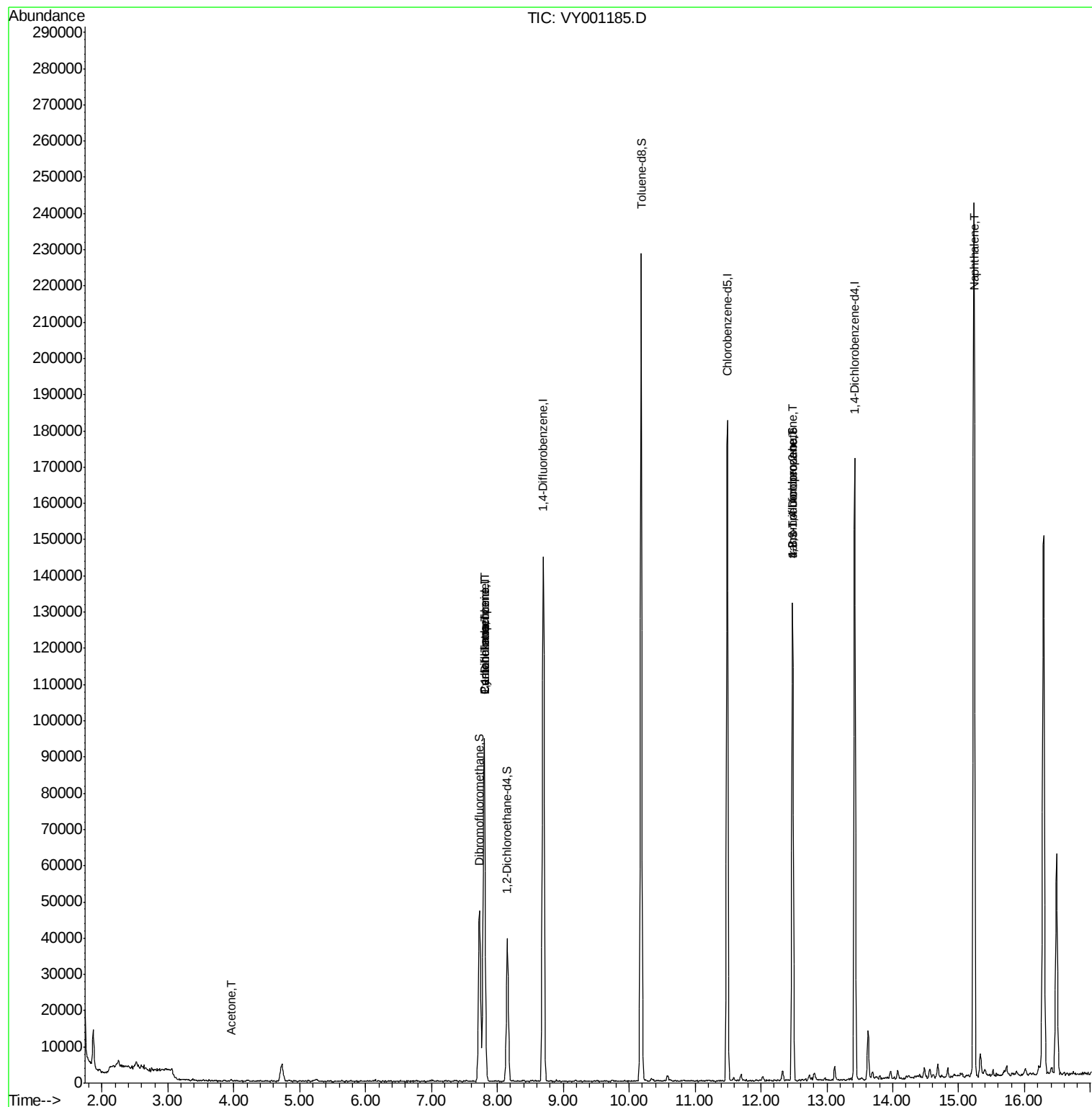
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	76009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	128290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	100418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	41999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	29394	36.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.22%	
35) Dibromofluoromethane	7.73	113	33905	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
50) Toluene-d8	10.18	98	146019	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.48	95	43919	37.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.24%	
Target Compounds						
					Qvalue	
16) Acetone	3.96	43	560	3.004	ug/l #	59
20) Methylene Chloride	4.72	84	3612	Below Cal		94
31) Cyclohexane	7.80	56	1675	1.079	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	5861	5.012	ug/l #	48
38) Carbon Tetrachloride	7.80	117	7177	6.697	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	21117	46.968	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	21117	79.648	ug/l #	6
95) Naphthalene	15.23	128	202209	107.507	ug/l	99

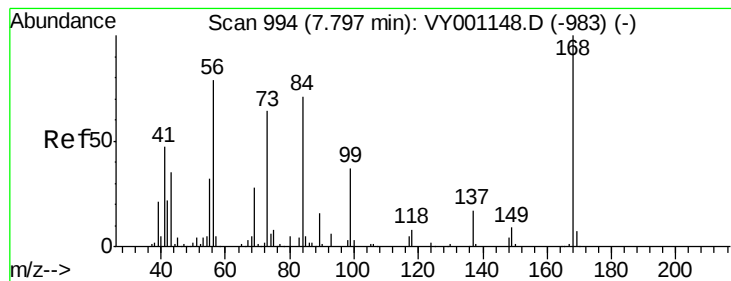
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
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Quant Time: Jan 14 10:13:32 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: VY001185.D

Acq: 13 Jan 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

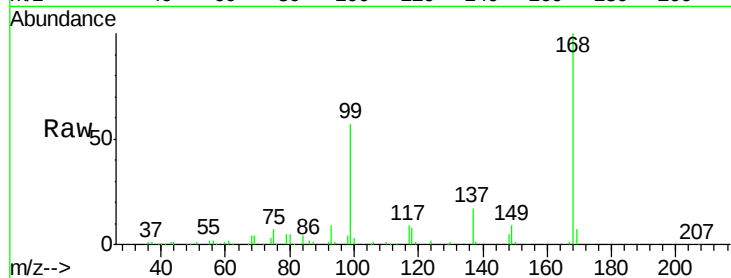
BU-RO-234

Tgt Ion:168 Resp: 76009

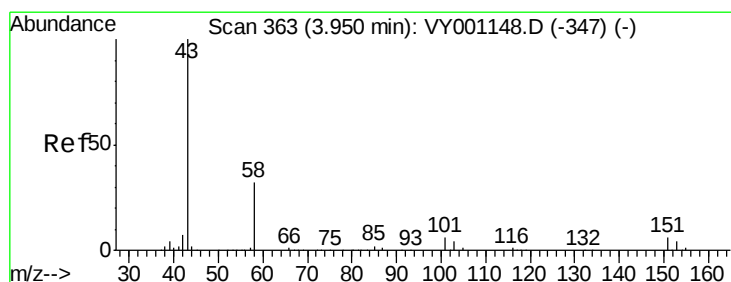
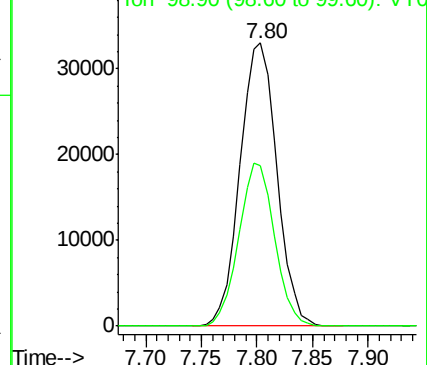
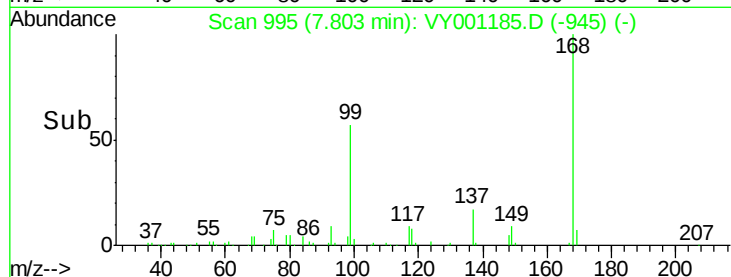
Ion Ratio Lower Upper

168 100

99 56.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001185.D (-945) (-)



#16

Acetone

Concen: 3.004 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001185.D

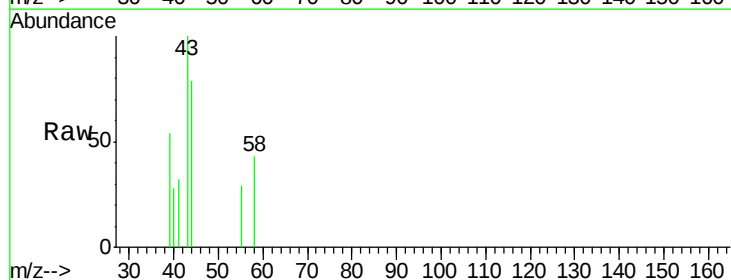
Acq: 13 Jan 2020 17:15

Tgt Ion: 43 Resp: 560

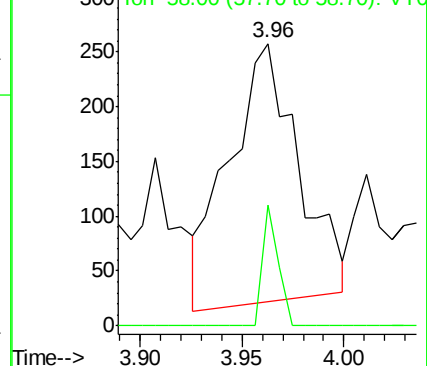
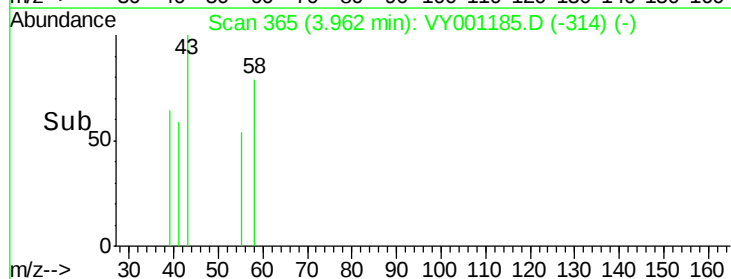
Ion Ratio Lower Upper

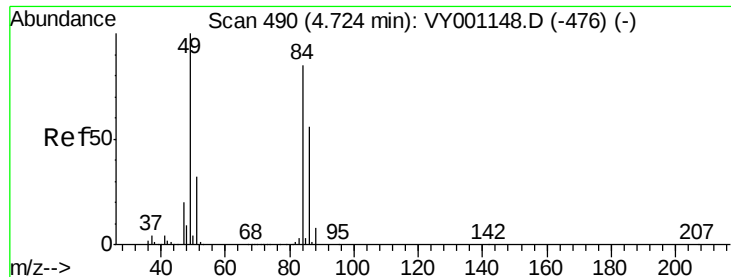
43 100

58 55.3 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY001185.D (-314) (-)





#20

Methylene Chloride

Concen: Below Cal

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY001185.D

Acq: 13 Jan 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

BU-RO-234

Tgt Ion: 84 Resp: 3612

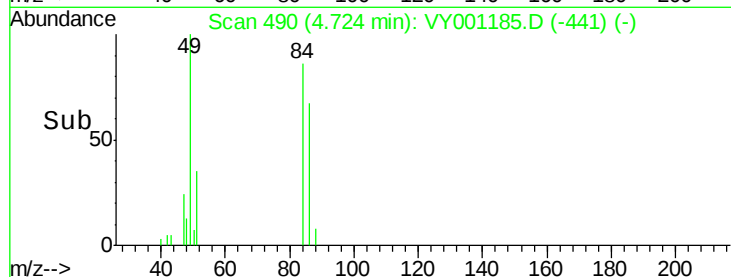
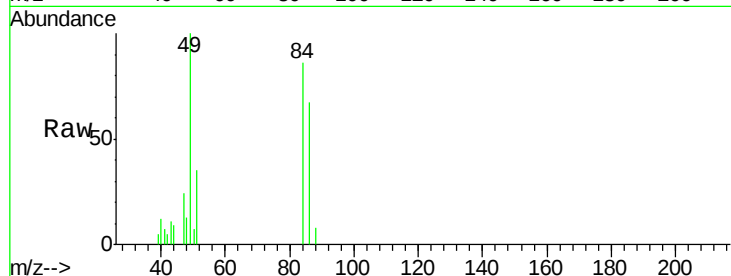
Ion Ratio Lower Upper

84 100

49 116.9 93.8 140.6

51 41.4 29.9 44.9

86 78.3 52.6 78.8

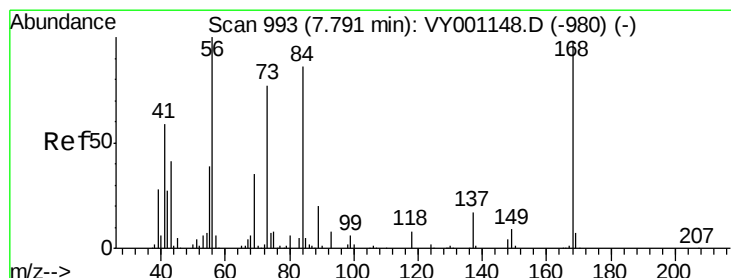
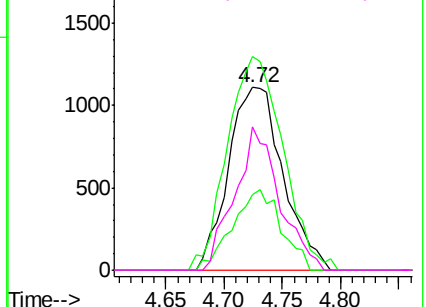


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#31

Cyclohexane

Concen: 1.079 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001185.D

Acq: 13 Jan 2020 17:15

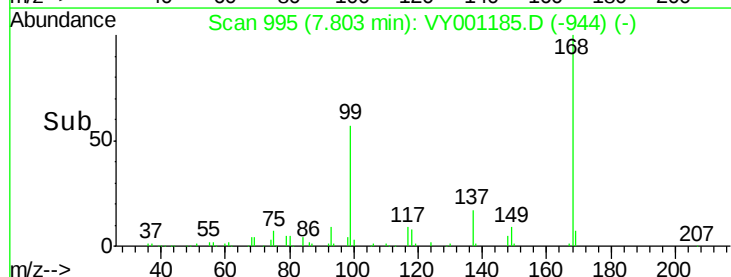
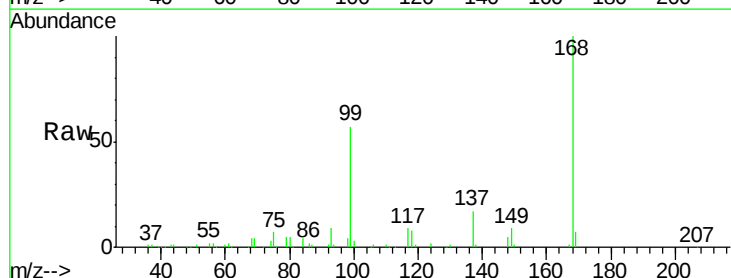
Tgt Ion: 56 Resp: 1675

Ion Ratio Lower Upper

56 100

69 176.0 27.8 41.8#

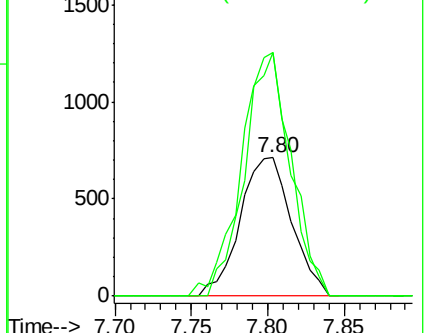
84 176.1 68.9 103.3#

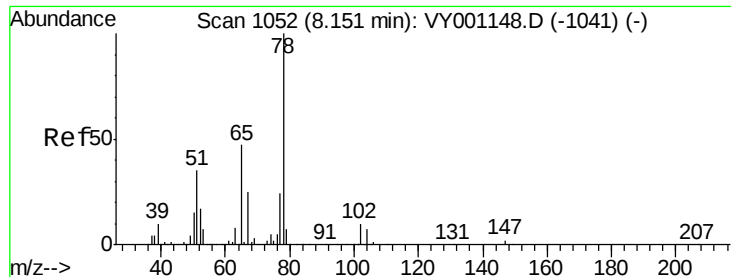


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

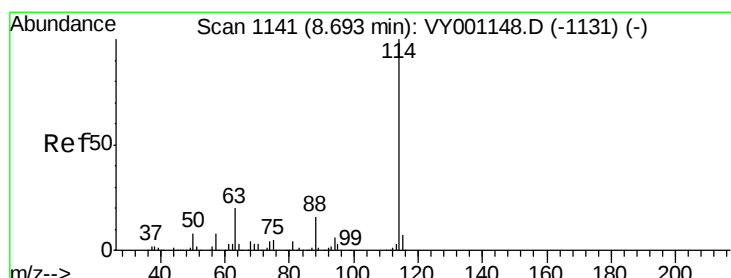
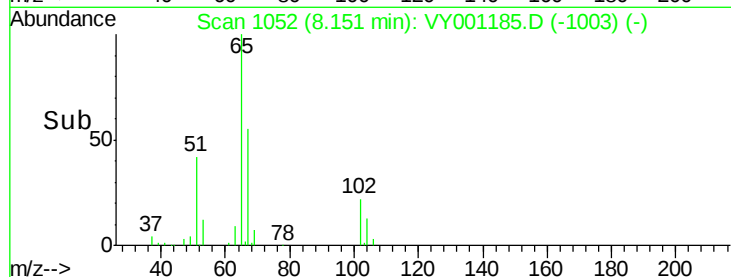
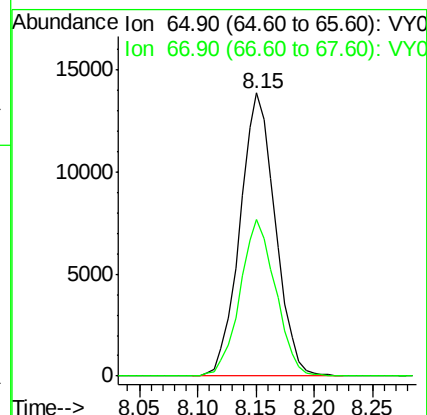
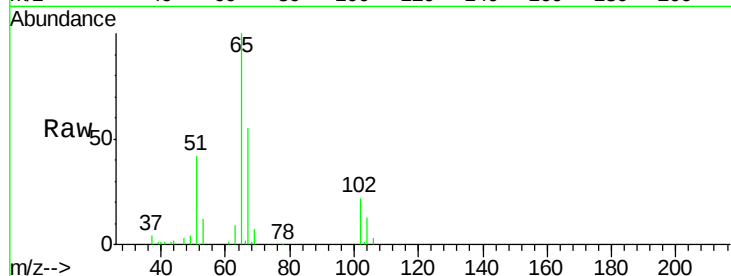




#33
 1,2-Dichloroethane-d4
 Concen: 36.615 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001185.D
 Acq: 13 Jan 2020 17:15

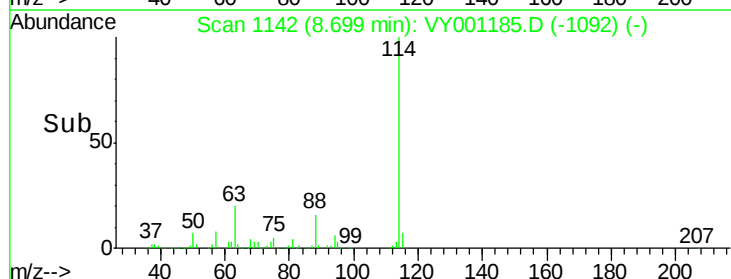
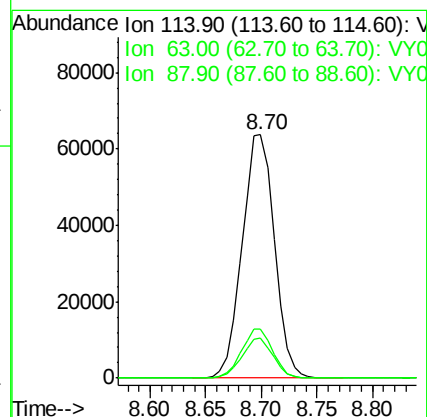
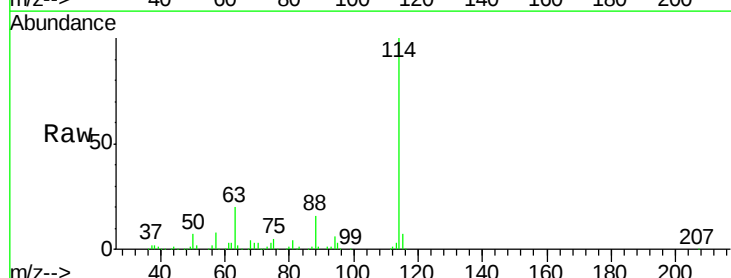
Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-RO-234

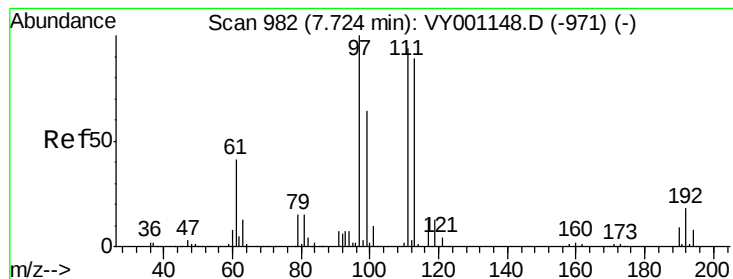
Tgt Ion: 65 Resp: 29394
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001185.D
 Acq: 13 Jan 2020 17:15

Tgt Ion: 114 Resp: 128290
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.138 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001185.D

Acq: 13 Jan 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

BU-RO-234

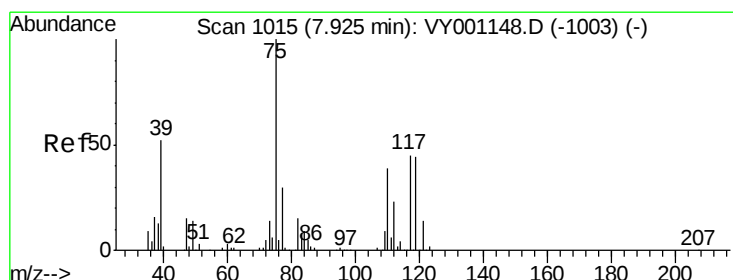
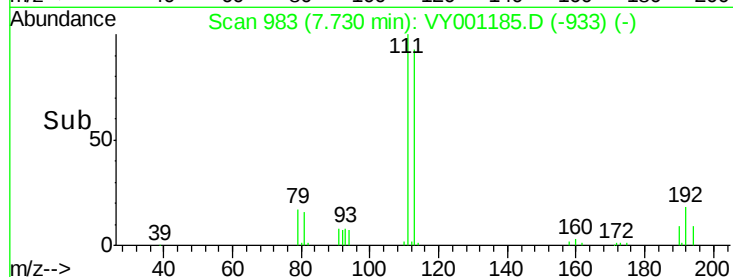
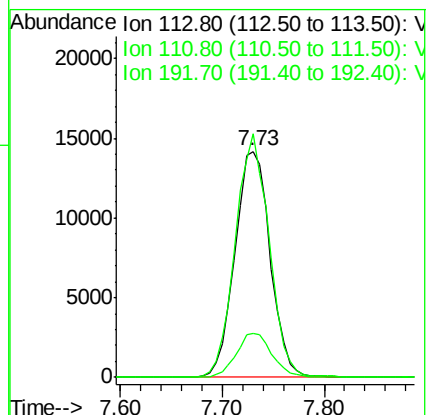
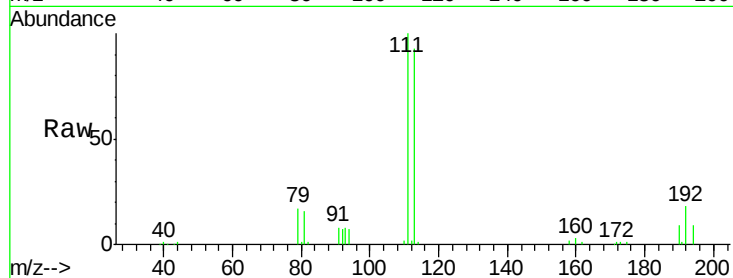
Tgt Ion:113 Resp: 33905

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 19.4 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.012 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001185.D

Acq: 13 Jan 2020 17:15

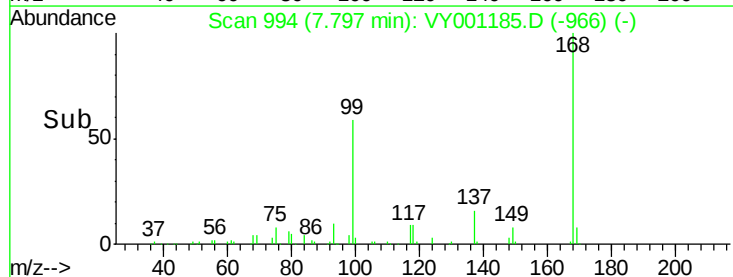
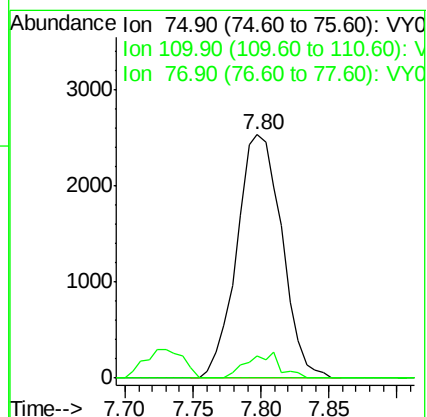
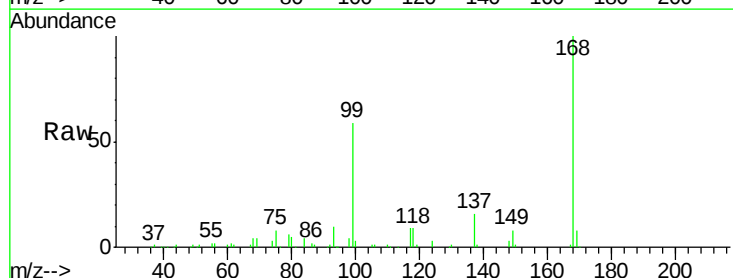
Tgt Ion: 75 Resp: 5861

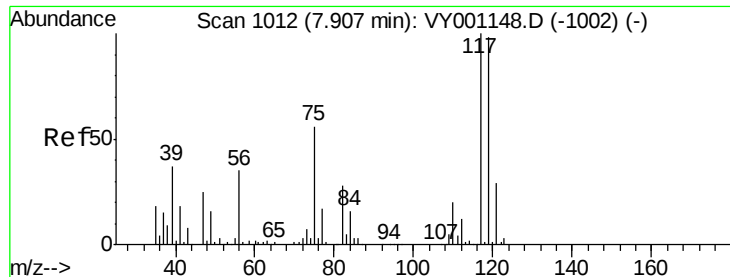
Ion Ratio Lower Upper

75 100

110 7.7 18.3 54.8#

77 0.0 25.1 37.7#

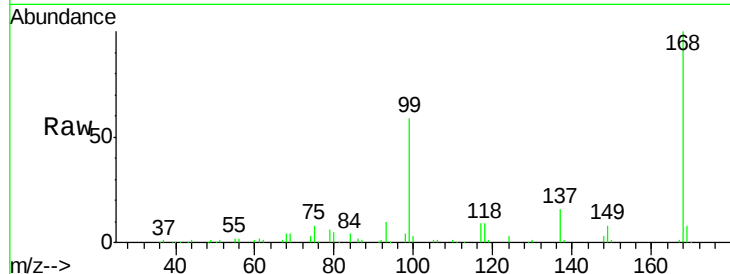




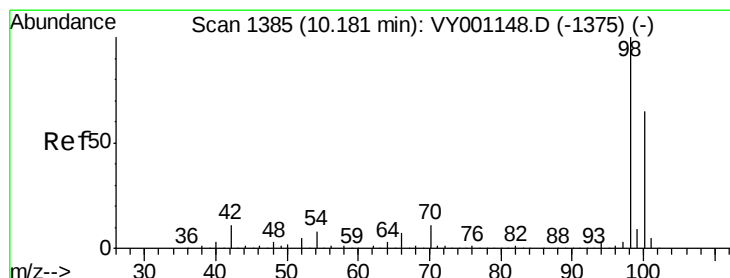
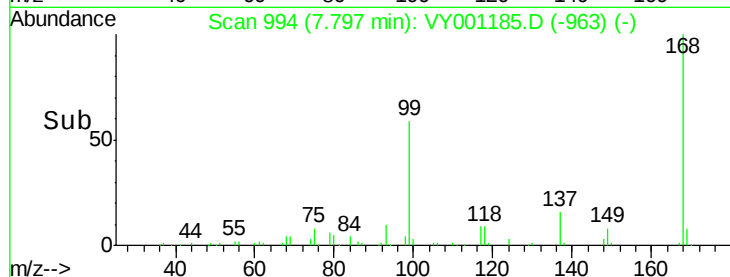
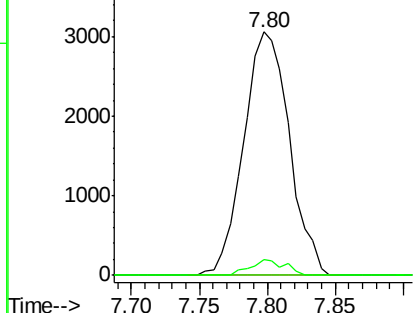
#38
Carbon Tetrachloride
Concen: 6.697 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.11 min
Lab File: VY001185.D
Acq: 13 Jan 2020 17:15

Instrument :
MSVOA_Y
ClientSampleId :
BU-RO-234

Tgt Ion: 117 Resp: 7177
Ion Ratio Lower Upper
117 100
119 6.7 78.3 117.5#
121 0.0 23.5 35.3#

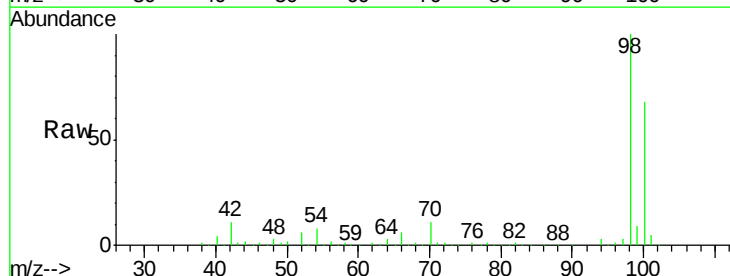


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

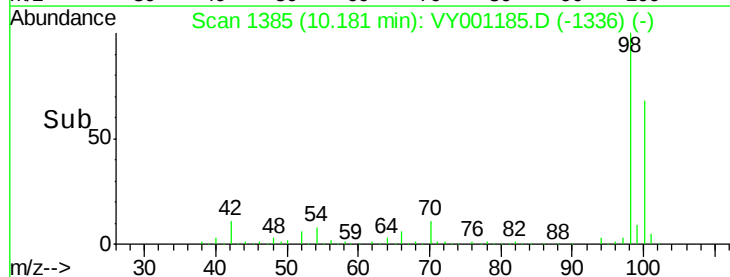
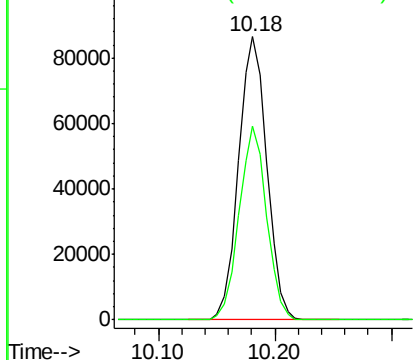


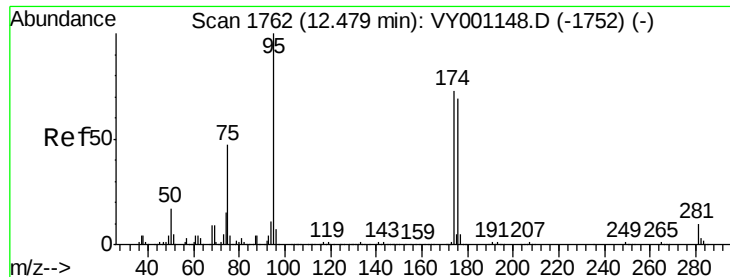
#50
Toluene-d8
Concen: 50.452 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001185.D
Acq: 13 Jan 2020 17:15

Tgt Ion: 98 Resp: 146019
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

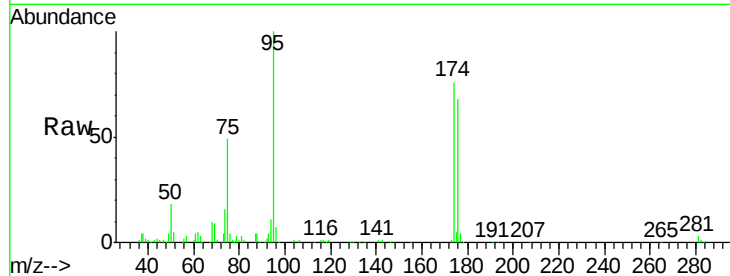




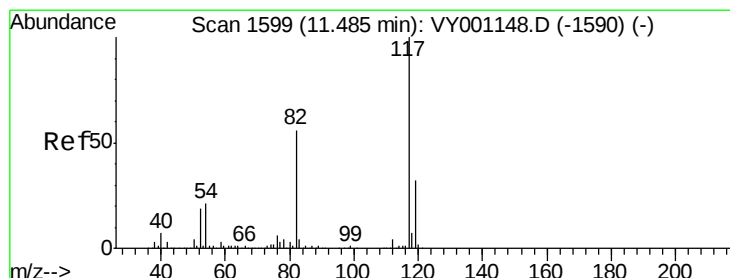
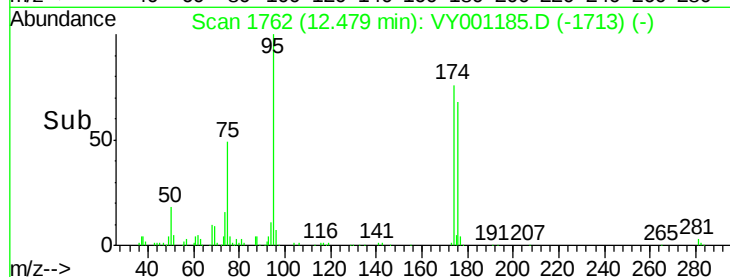
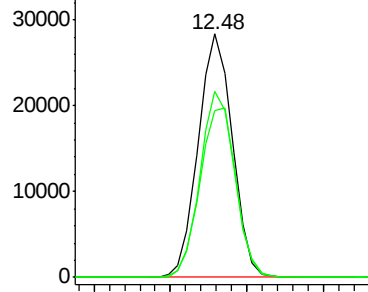
#62
4-Bromofluorobenzene
Concen: 37.117 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001185.D
Acq: 13 Jan 2020 17:15

Instrument :
MSVOA_Y
ClientSampleId :
BU-RO-234

Tgt Ion: 95 Resp: 43919
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.2
176 73.9 0.0 136.0

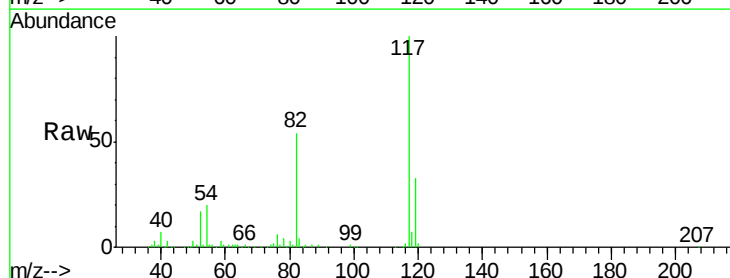


Abundance Ion 94.90 (94.60 to 95.60): VY001185.D (-1752) (-)
Ion 173.80 (173.50 to 174.50): VY001185.D (-1752) (-)
Ion 175.80 (175.50 to 176.50): VY001185.D (-1752) (-)

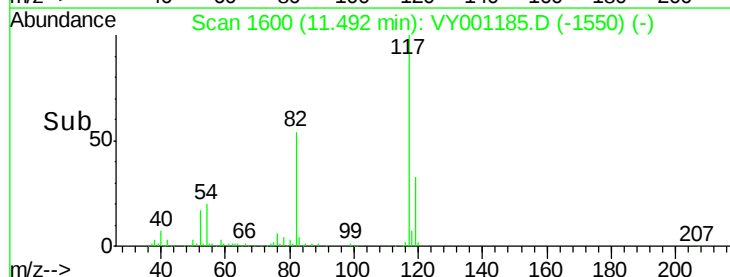
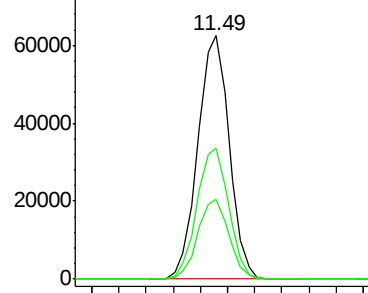


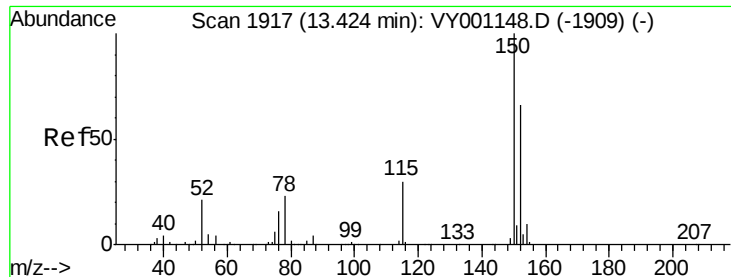
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001185.D
Acq: 13 Jan 2020 17:15

Tgt Ion: 117 Resp: 100418
Ion Ratio Lower Upper
117 100
82 53.6 44.9 67.3
119 32.8 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VY001185.D (-1550) (-)
Ion 82.00 (81.70 to 82.70): VY001185.D (-1550) (-)
Ion 118.90 (118.60 to 119.60): VY001185.D (-1550) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY001185.D

Acq: 13 Jan 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

BU-RO-234

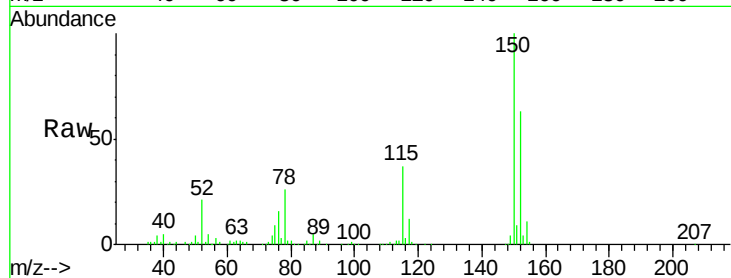
Tgt Ion:152 Resp: 41999

Ion Ratio Lower Upper

152 100

115 59.3 30.9 92.5

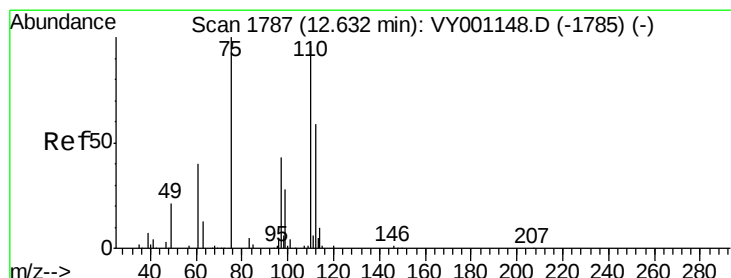
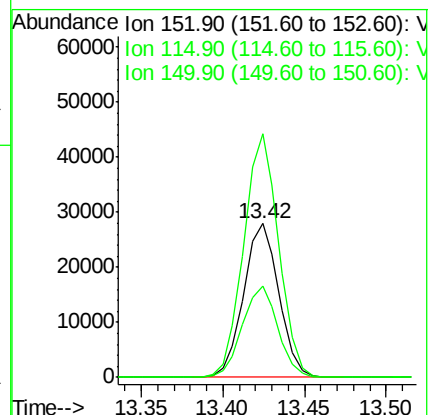
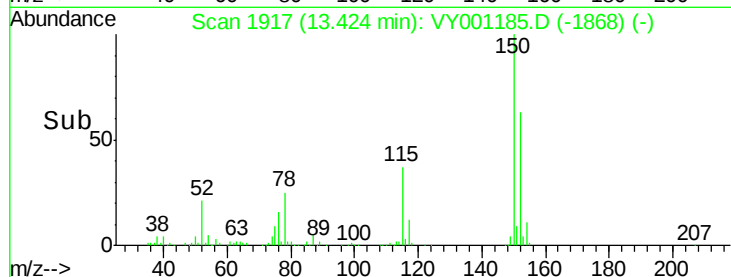
150 156.9 0.0 346.8



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: 46.968 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001185.D

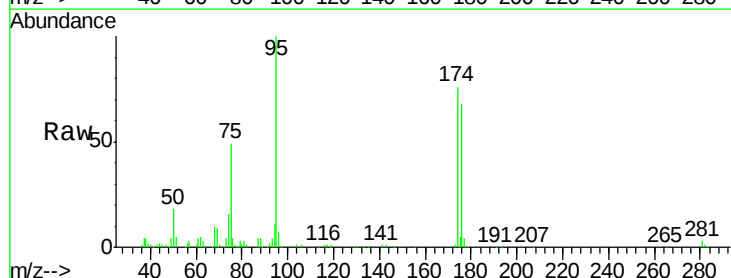
Acq: 13 Jan 2020 17:15

Tgt Ion: 75 Resp: 21117

Ion Ratio Lower Upper

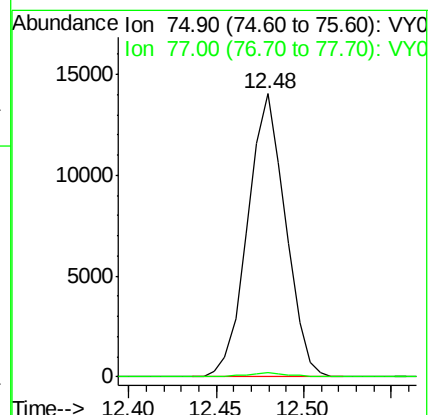
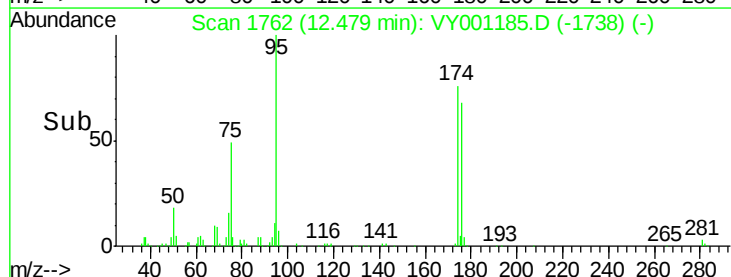
75 100

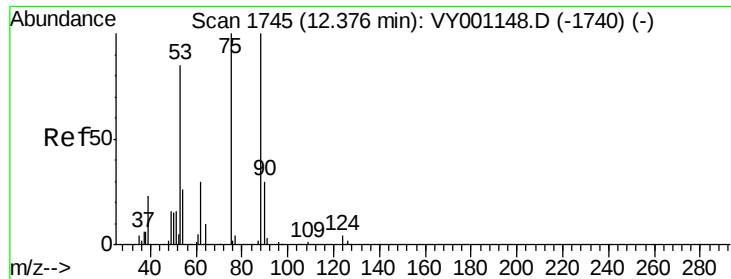
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

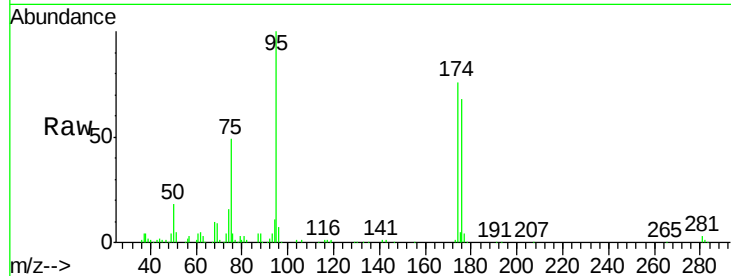




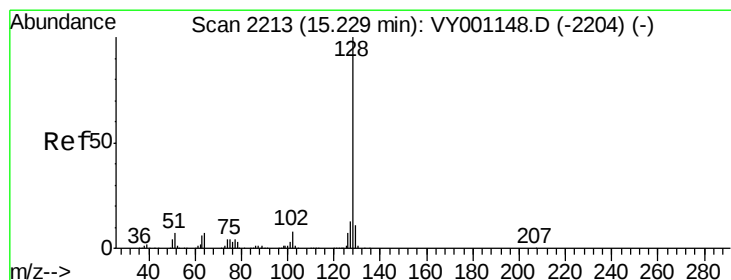
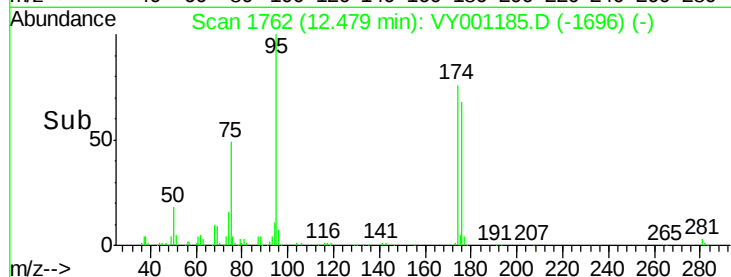
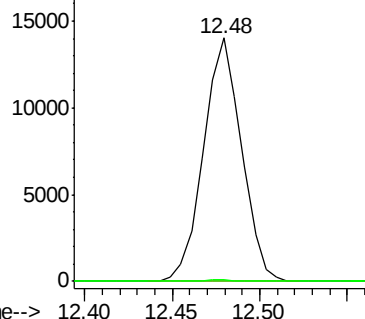
#81
trans-1,4-Dichloro-2-butene
Concen: 79.648 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY001185.D
Acq: 13 Jan 2020 17:15

Instrument :
MSVOA_Y
ClientSampled :
BU-RO-234

Tgt Ion: 75 Resp: 21117
Ion Ratio Lower Upper
75 100
53 0.0 69.4 104.2#
89 0.3 0.0 0.0#

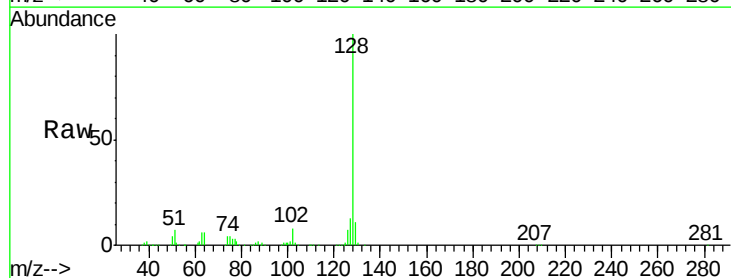


Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0



#95
Naphthalene
Concen: 107.507 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001185.D
Acq: 13 Jan 2020 17:15

Tgt Ion: 128 Resp: 202209
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.0 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

