

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011420\
 Data File : VY001196.D
 Acq On : 14 Jan 2020 12:13
 Operator : SY/MD
 Sample : L1114-01
 Misc : 7.47G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200057-27

Quant Time: Jan 15 01:21:58 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	104552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	180344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	151170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	66393	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	48995	44.37	ug/l	0.00
Spiked Amount			Recovery	=	88.74%	
35) Dibromofluoromethane	7.73	113	50508	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
50) Toluene-d8	10.18	98	210688	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.48	95	70167	42.18	ug/l	0.00
Spiked Amount			Recovery	=	84.36%	

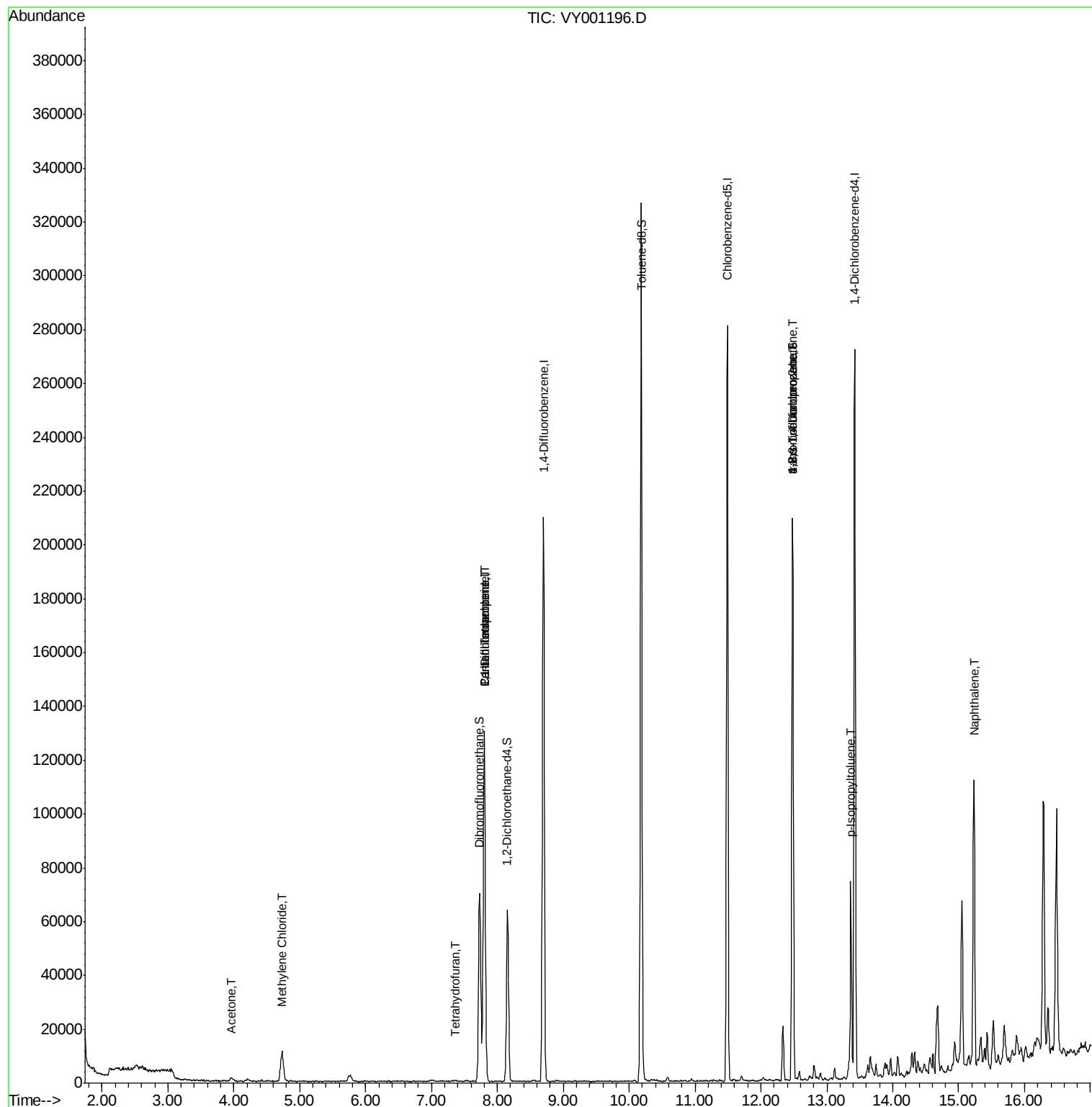
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	2918	11.378	ug/l	96
20) Methylene Chloride	4.73	84	8418	1.709	ug/l	87
29) Tetrahydrofuran	7.37	42	286	1.046	ug/l #	37
36) 1,1-Dichloropropene	7.80	75	8031	4.886	ug/l #	49
38) Carbon Tetrachloride	7.80	117	9936	6.596	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	32747	46.074	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	32747	78.132	ug/l #	6
86) p-Isopropyltoluene	13.37	119	40226	9.203	ug/l	98
95) Naphthalene	15.23	128	85917	28.895	ug/l	99

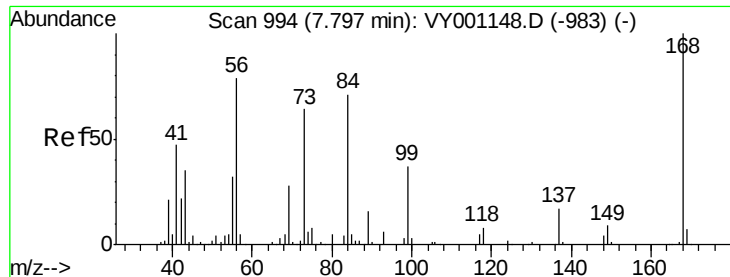
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001196.D

Acq: 14 Jan 2020 12:13

Instrument :

MSVOA_Y

ClientSampleId :

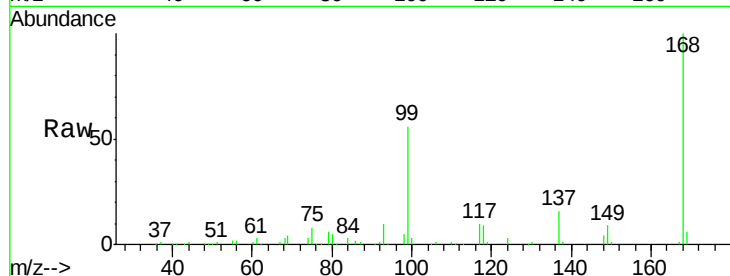
RBR-200057-27

Tgt Ion:168 Resp: 104552

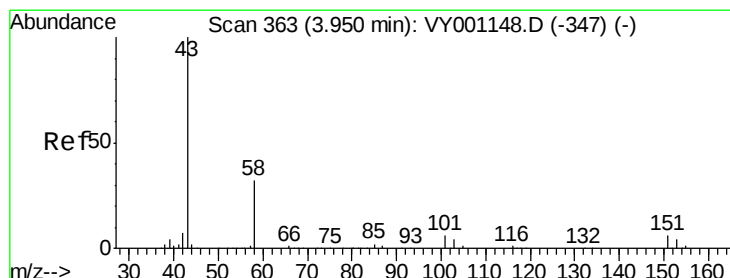
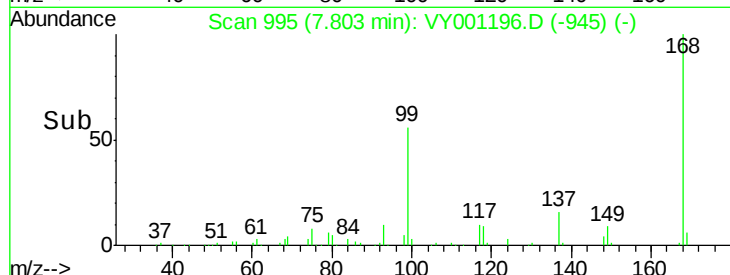
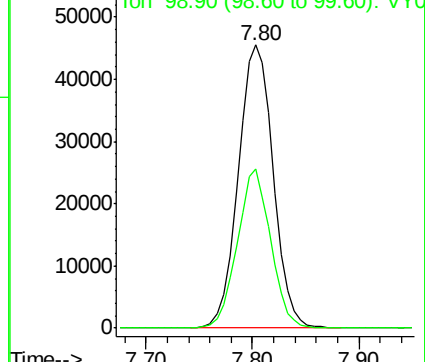
Ion Ratio Lower Upper

168 100

99 56.0 47.9 71.9



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



#16

Acetone

Concen: 11.378 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001196.D

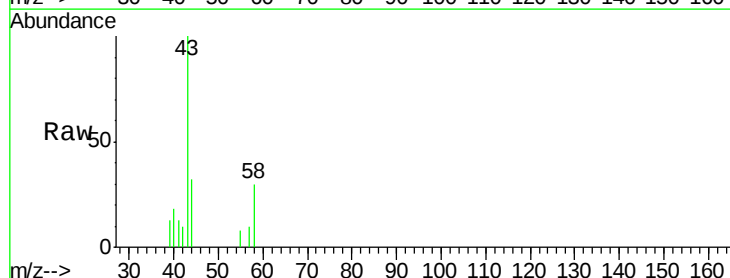
Acq: 14 Jan 2020 12:13

Tgt Ion: 43 Resp: 2918

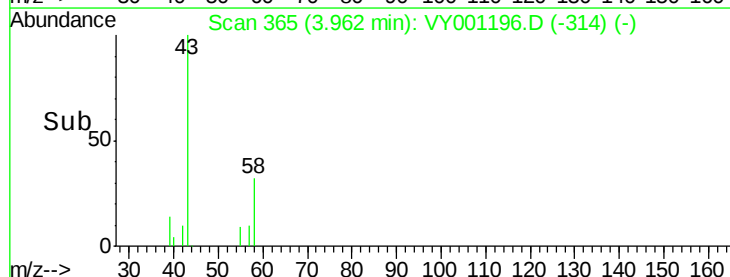
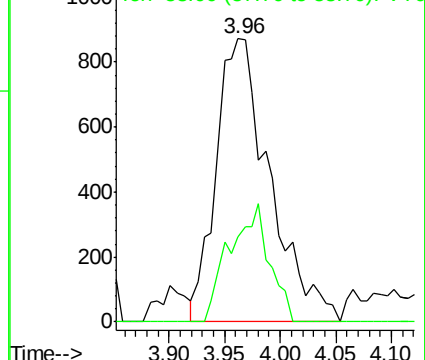
Ion Ratio Lower Upper

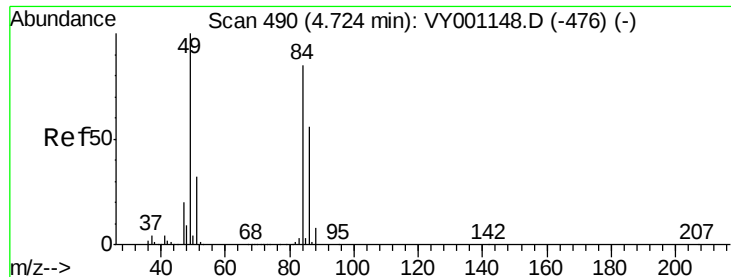
43 100

58 30.0 25.8 38.6



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

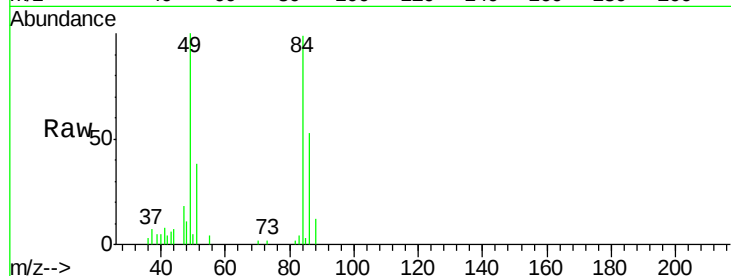




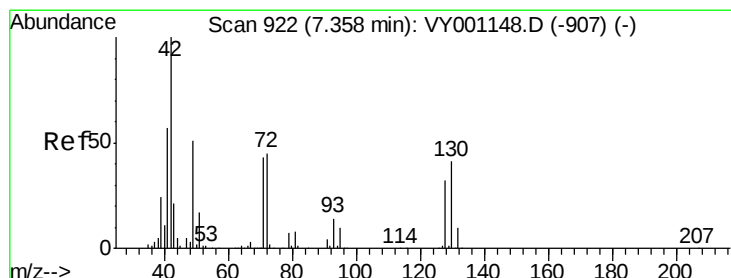
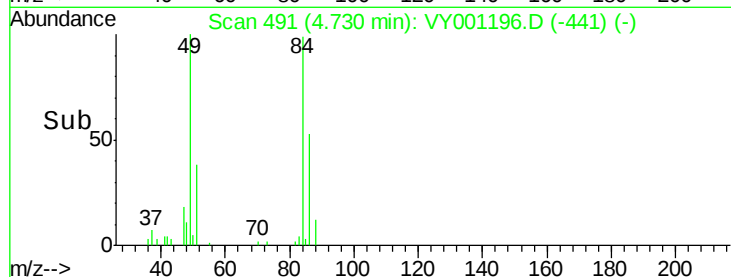
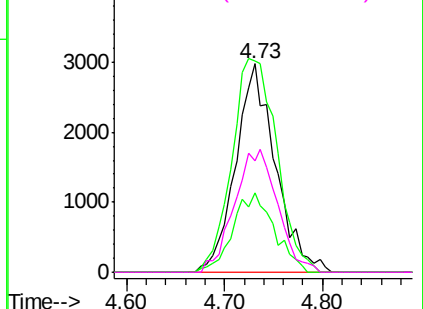
#20
Methylene Chloride
Concen: 1.709 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001196.D
Acq: 14 Jan 2020 12:13

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200057-27

Tgt Ion:	84	Resp:	8418
Ion	Ratio	Lower	Upper
84	100		
49	101.4	93.8	140.6
51	38.3	29.9	44.9
86	53.5	52.6	78.8

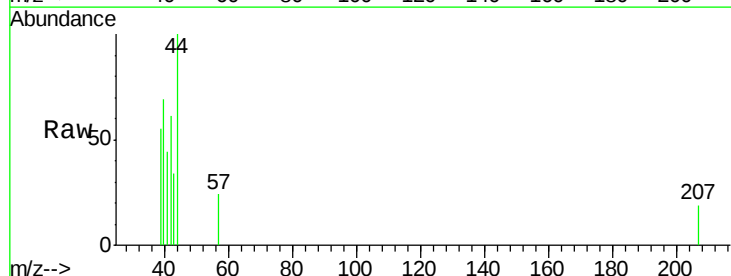


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

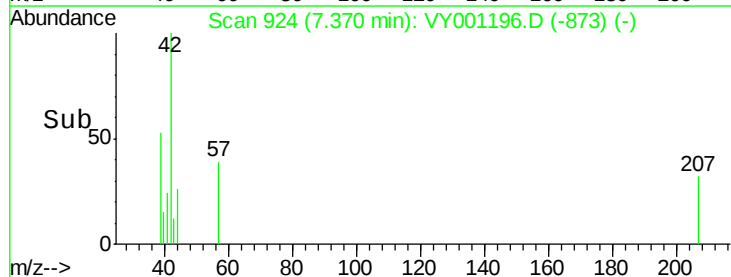
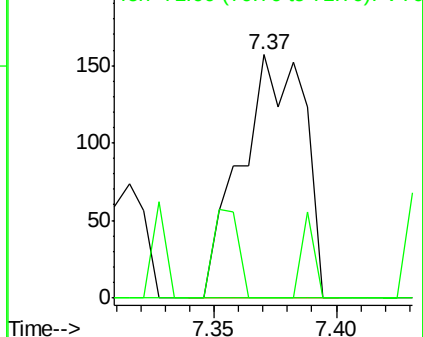


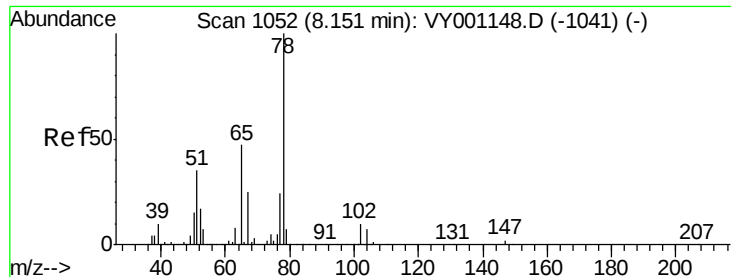
#29
Tetrahydrofuran
Concen: 1.046 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001196.D
Acq: 14 Jan 2020 12:13

Tgt Ion:	42	Resp:	286
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.9	55.3#
71	7.0	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: 44.369 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001196.D

Acq: 14 Jan 2020 12:13

Instrument :

MSVOA_Y

ClientSampleId :

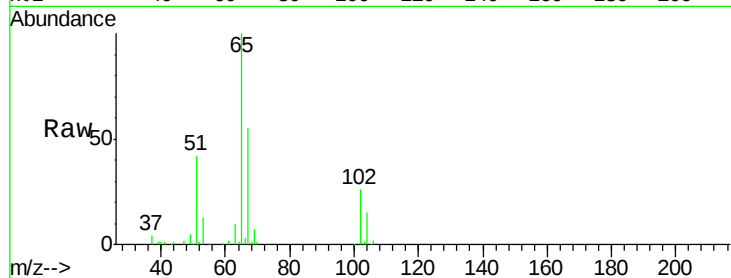
RBR-200057-27

Tgt Ion: 65 Resp: 48995

Ion Ratio Lower Upper

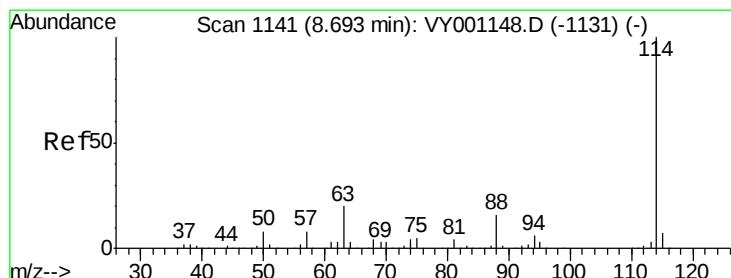
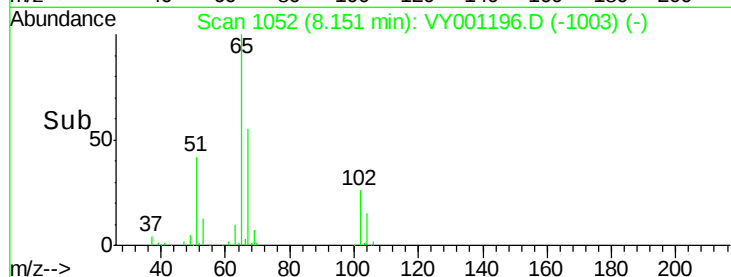
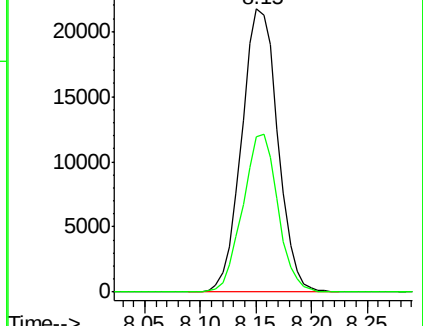
65 100

67 54.6 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: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001196.D

Acq: 14 Jan 2020 12:13

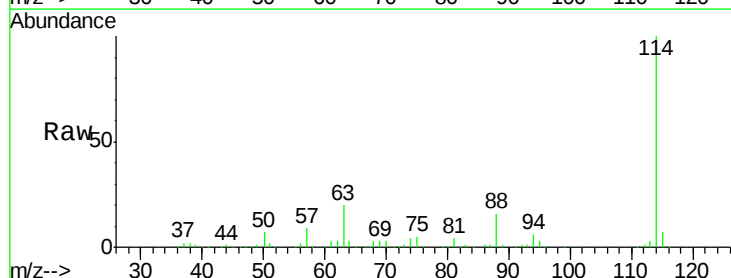
Tgt Ion: 114 Resp: 180344

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

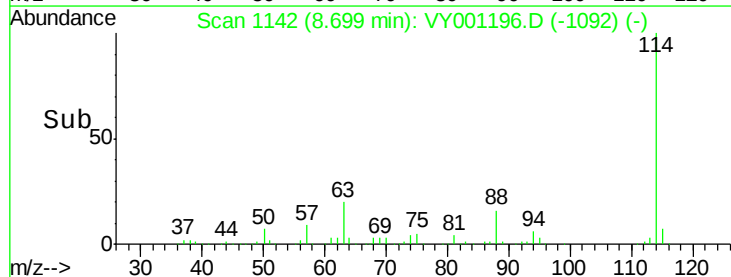
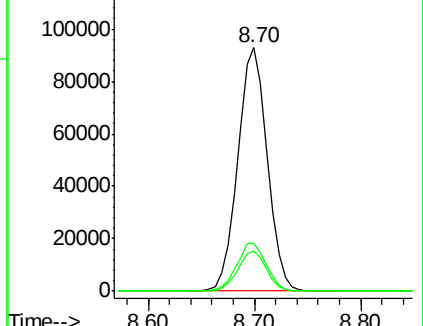
88 16.5 0.0 32.4

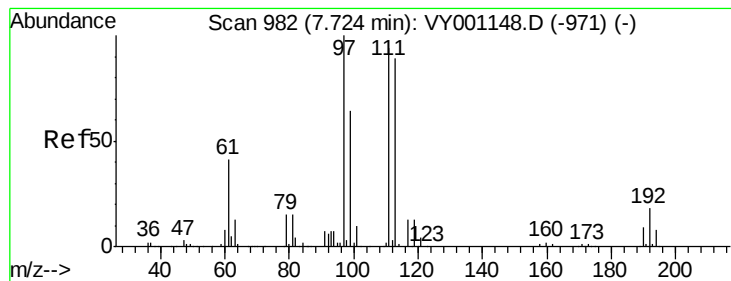


Abundance Ion 113.90 (113.60 to 114.60): VY001148.D (-1131) (-)

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: 47.834 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001196.D

Acq: 14 Jan 2020 12:13

Instrument :

MSVOA_Y

ClientSampleId :

RBR-200057-27

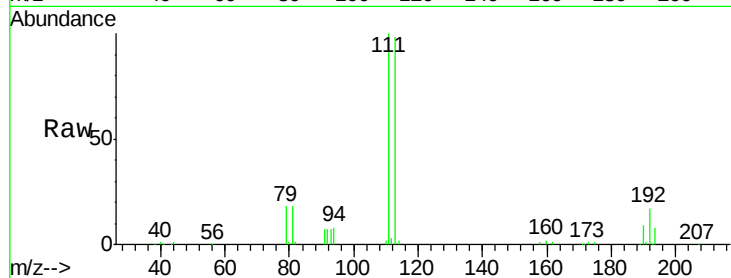
Tgt Ion:113 Resp: 50508

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

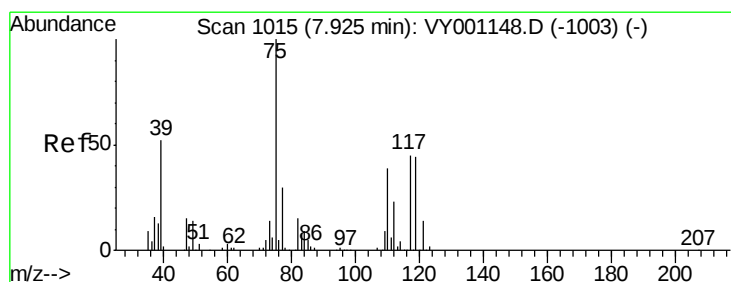
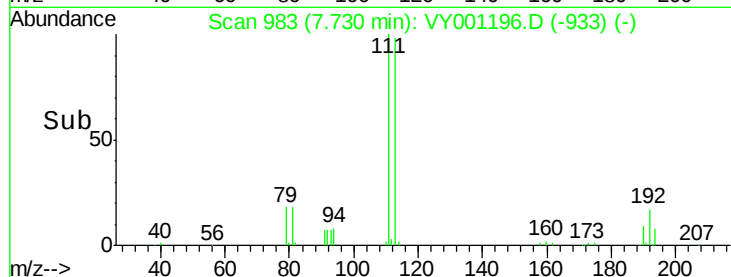
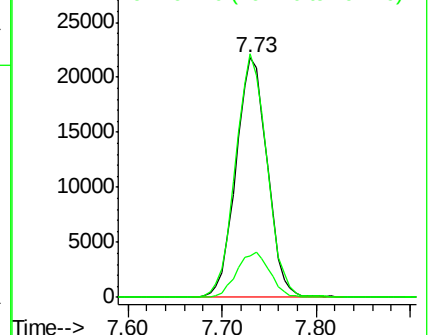
192 19.8 15.4 23.2



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: 4.886 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY001196.D

Acq: 14 Jan 2020 12:13

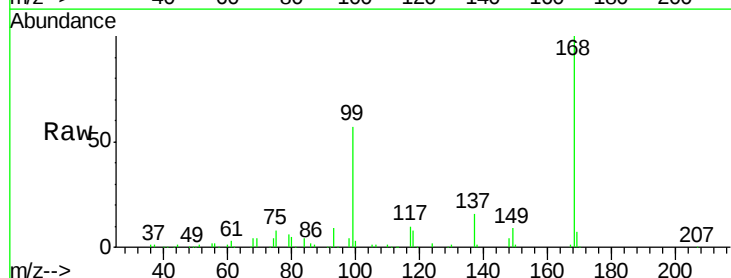
Tgt Ion: 75 Resp: 8031

Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

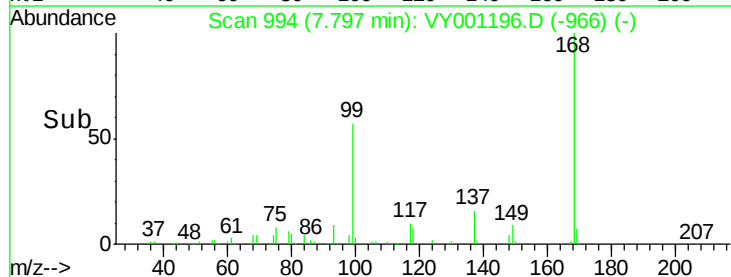
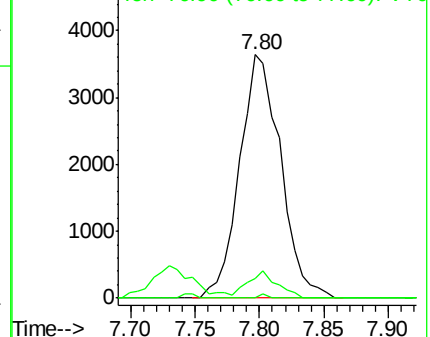
77 0.3 25.1 37.7#

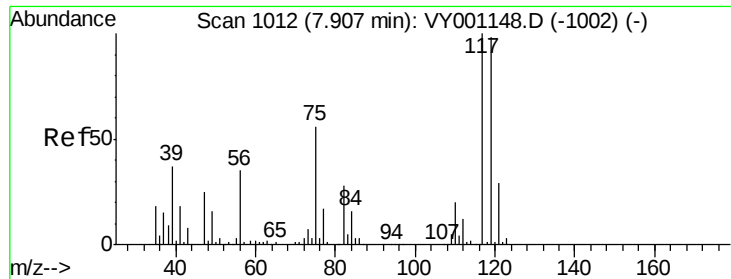


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

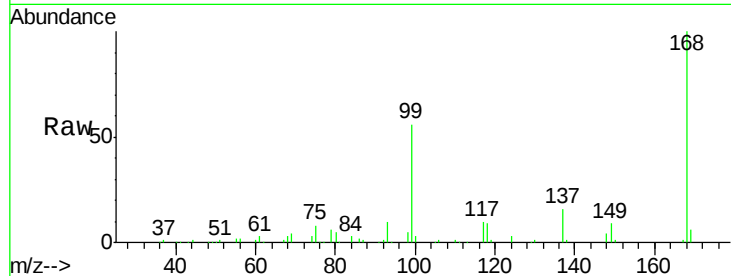




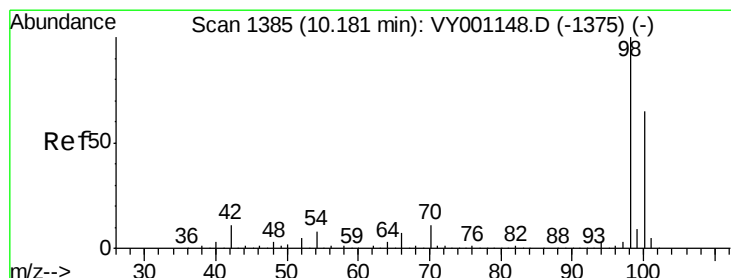
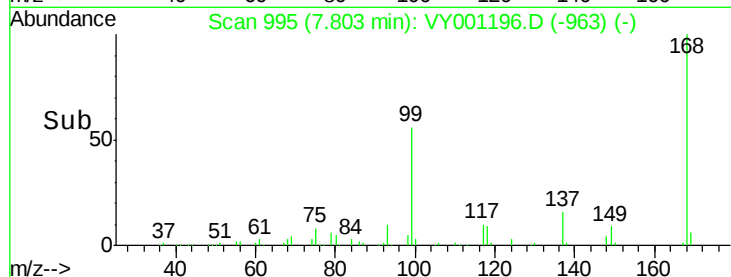
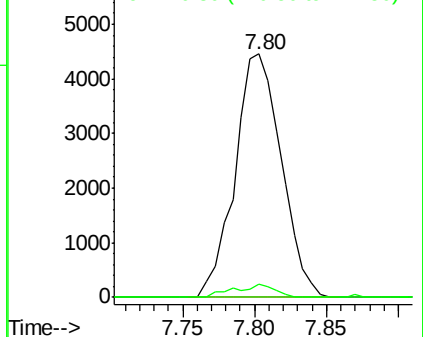
#38
Carbon Tetrachloride
Concen: 6.596 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.10 min
Lab File: VY001196.D
Acq: 14 Jan 2020 12:13

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200057-27

Tgt Ion:117 Resp: 9936
Ion Ratio Lower Upper
117 100
119 5.6 78.3 117.5#
121 0.0 23.5 35.3#

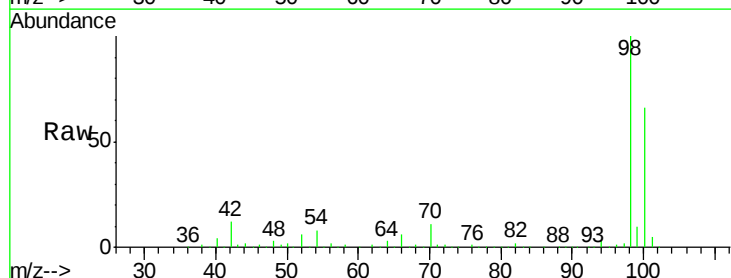


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

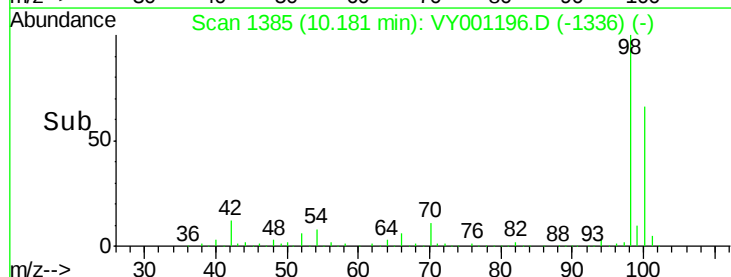
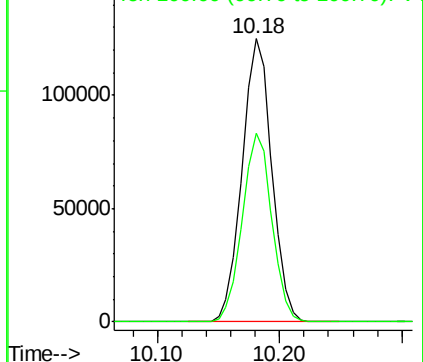


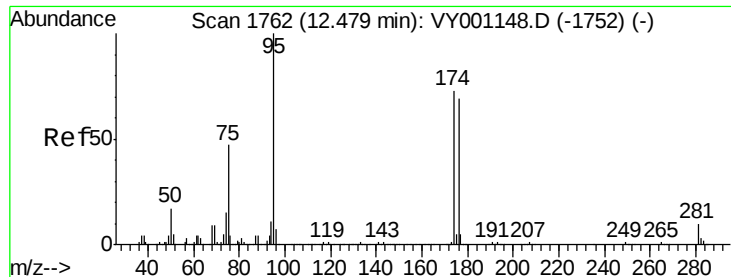
#50
Toluene-d8
Concen: 51.784 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY001196.D
Acq: 14 Jan 2020 12:13

Tgt Ion: 98 Resp: 210688
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): VY0

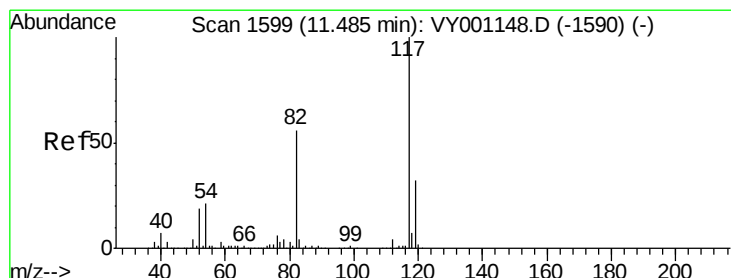
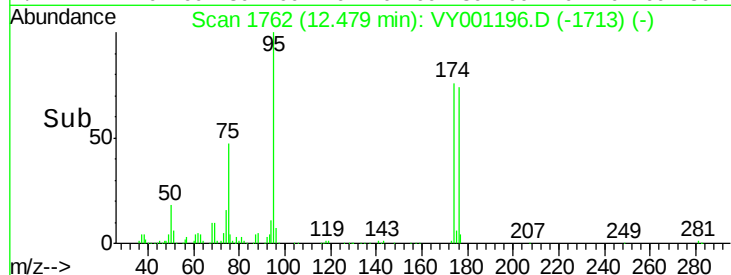
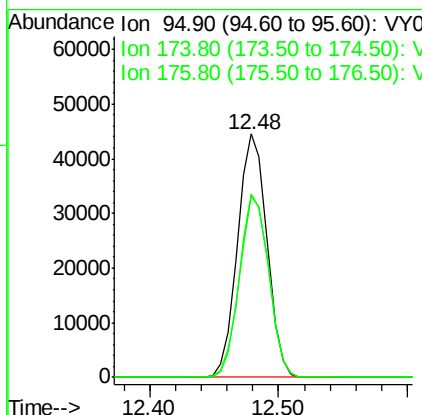
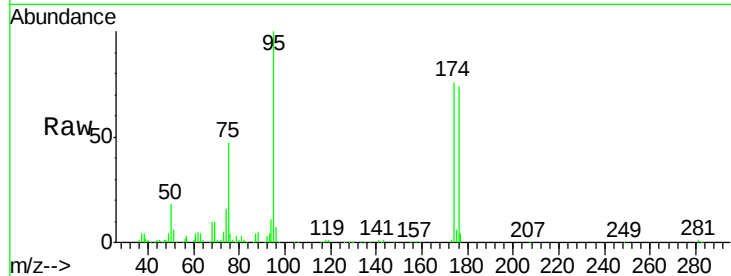




#62
4-Bromofluorobenzene
Concen: 42.184 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001196.D
Acq: 14 Jan 2020 12:13

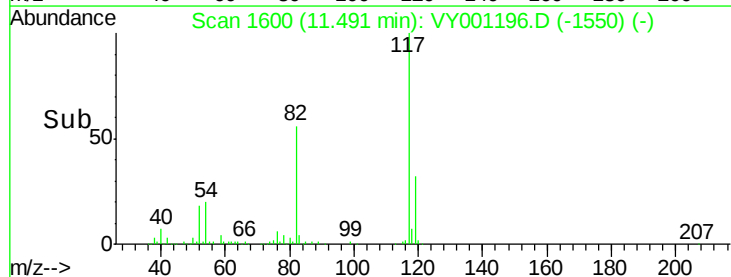
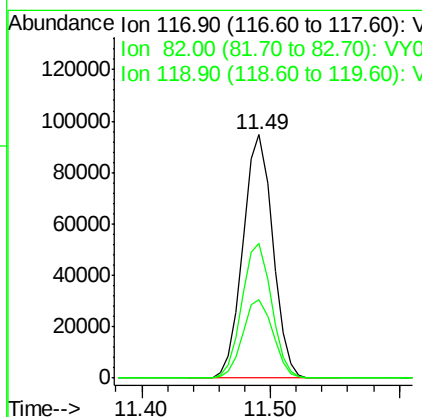
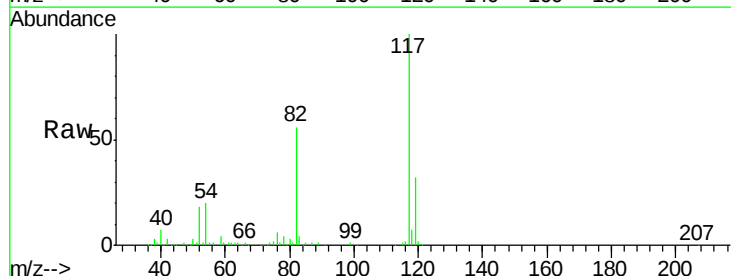
Instrument :
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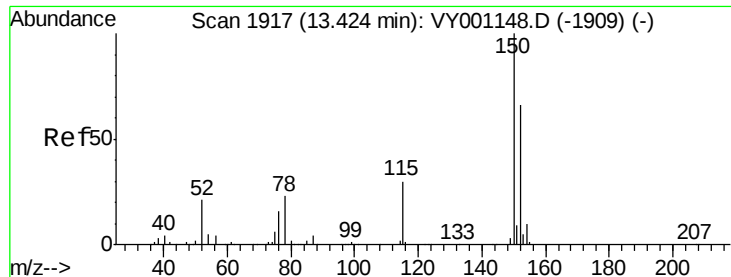
Tgt Ion: 95 Resp: 70167
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.2
176 74.2 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001196.D
Acq: 14 Jan 2020 12:13

Tgt Ion: 117 Resp: 151170
Ion Ratio Lower Upper
117 100
82 55.6 44.9 67.3
119 32.1 25.7 38.5



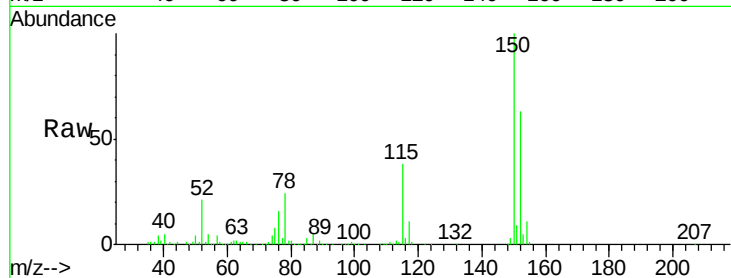


#72

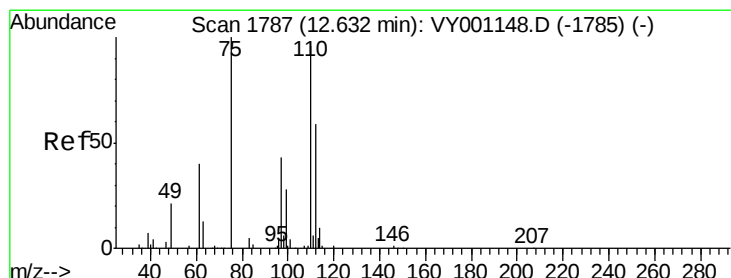
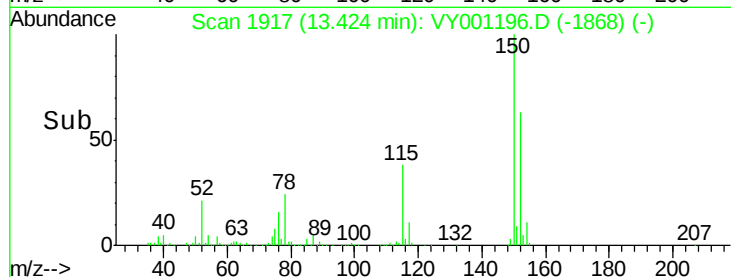
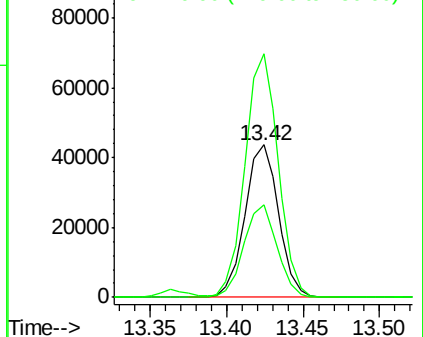
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001196.D
Acq: 14 Jan 2020 12:13

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200057-27

Tgt Ion:152 Resp: 66393
Ion Ratio Lower Upper
152 100
115 60.3 30.9 92.5
150 157.9 0.0 346.8



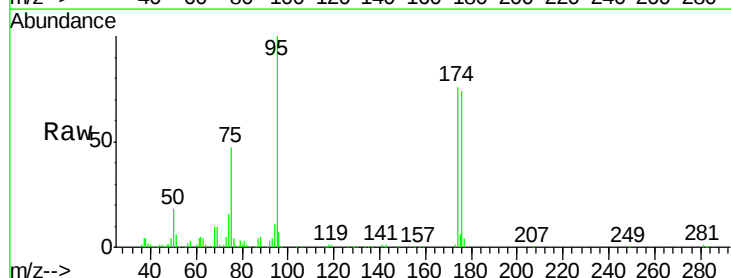
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



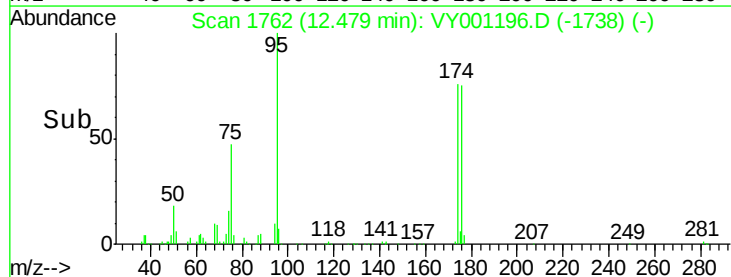
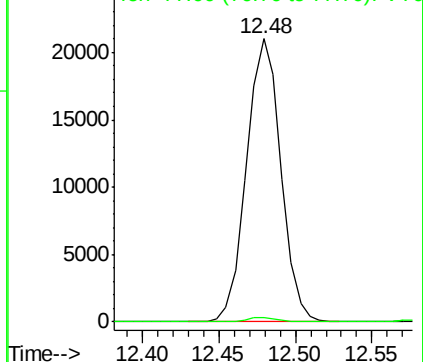
#76

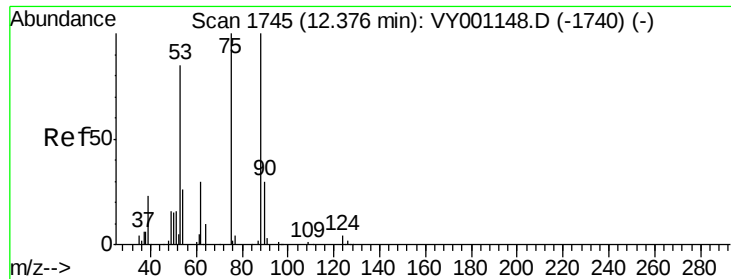
1,2,3-Trichloropropane
Concen: 46.074 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY001196.D
Acq: 14 Jan 2020 12:13

Tgt Ion: 75 Resp: 32747
Ion Ratio Lower Upper
75 100
77 1.4 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: 78.132 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001196.D

Acq: 14 Jan 2020 12:13

Instrument :

MSVOA_Y

ClientSampleId :

RBR-200057-27

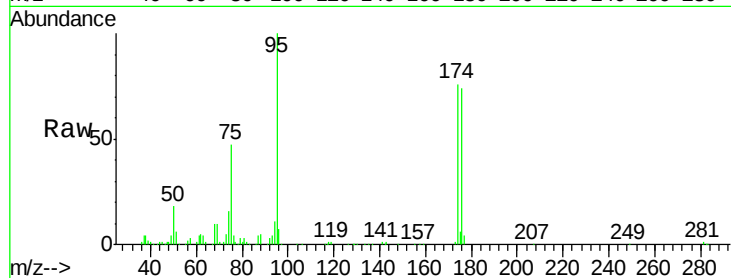
Tgt Ion: 75 Resp: 32747

Ion Ratio Lower Upper

75 100

53 0.1 69.4 104.2#

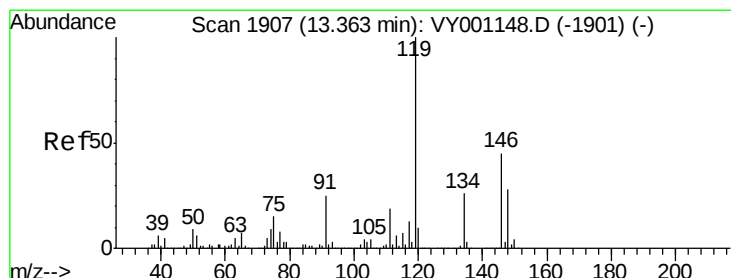
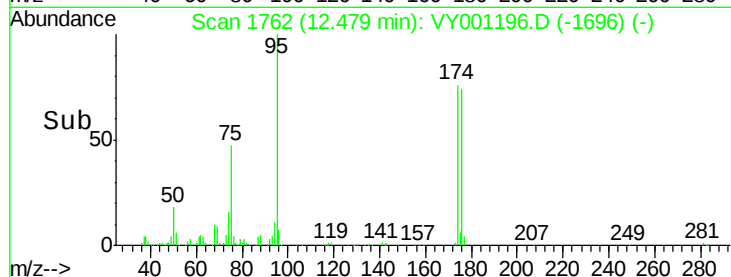
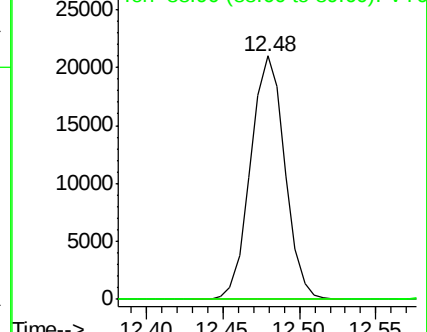
89 0.0 0.0 0.0



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



#86

p-Isopropyltoluene

Concen: 9.203 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001196.D

Acq: 14 Jan 2020 12:13

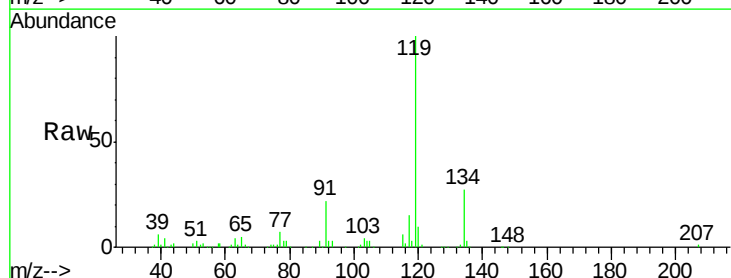
Tgt Ion: 119 Resp: 40226

Ion Ratio Lower Upper

119 100

134 27.9 13.4 40.2

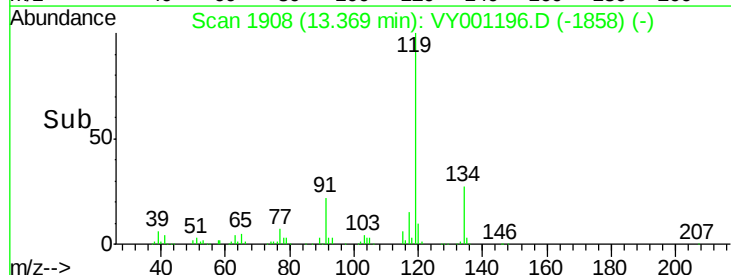
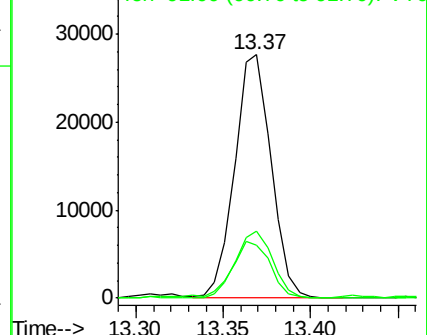
91 24.3 12.4 37.2

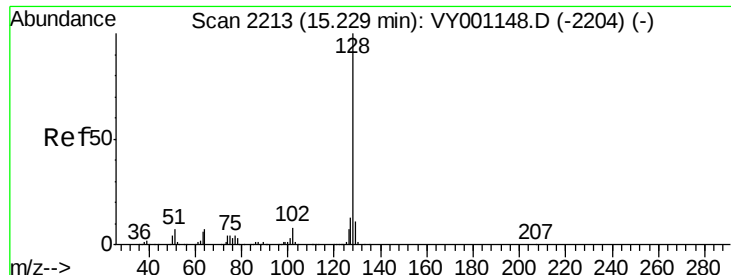


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

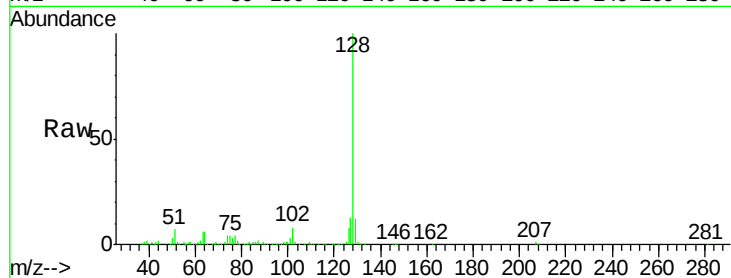




#95
Naphthalene
Concen: 28.895 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY001196.D
Acq: 14 Jan 2020 12:13

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200057-27

Tgt Ion:128 Resp: 85917
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.6 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

