

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 01:48:06 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

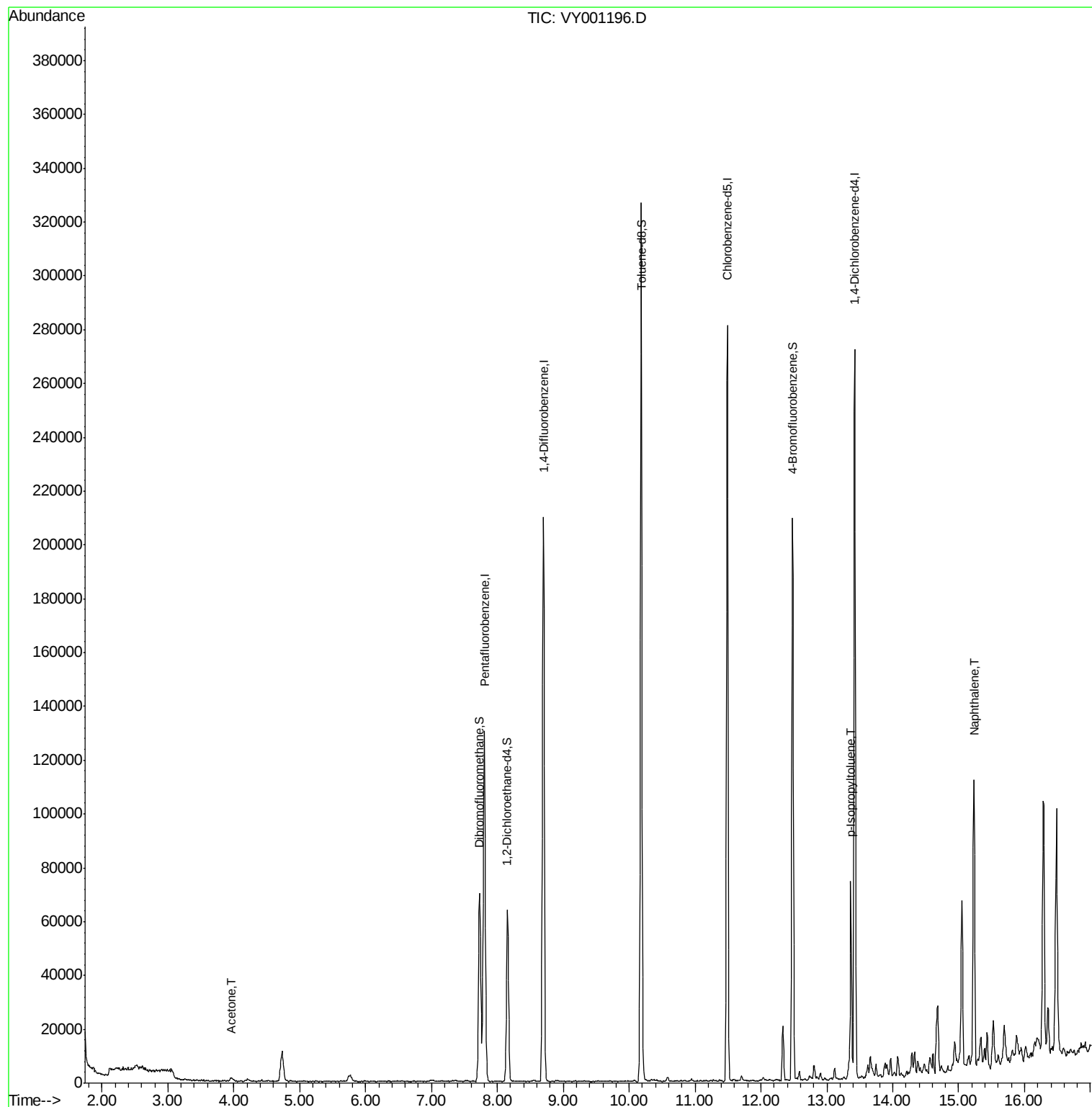
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	104552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	180344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	151170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	66393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	48995	44.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.74%	
35) Dibromofluoromethane	7.73	113	50508	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
50) Toluene-d8	10.18	98	210688	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.48	95	70167	42.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.36%	
Target Compounds						
16) Acetone	3.96	43	2918	11.378	ug/l	96
86) p-Isopropyltoluene	13.37	119	40226	9.203	ug/l	98
95) Naphthalene	15.23	128	85917	28.895	ug/l	99

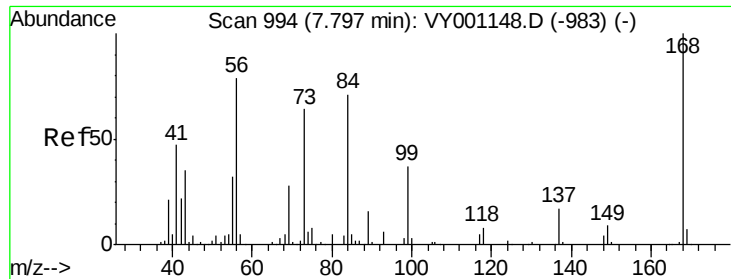
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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 01:48:06 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: VY001196.D

Acq: 14 Jan 2020 12:13

Instrument :

MSVOA_Y

ClientSampleId :

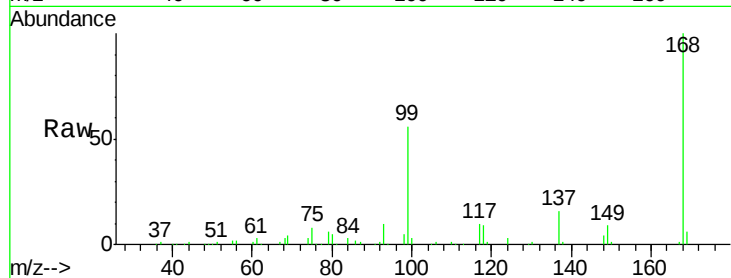
RBR-200057-27

Tot Ion:168 Resp: 104552

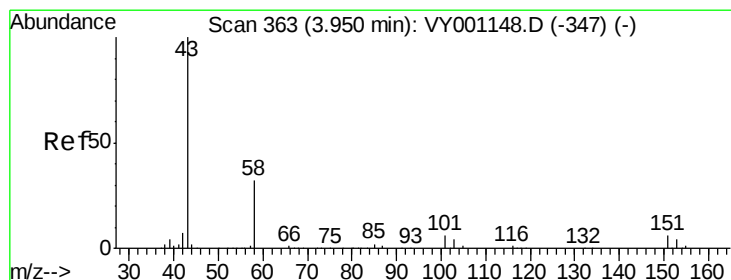
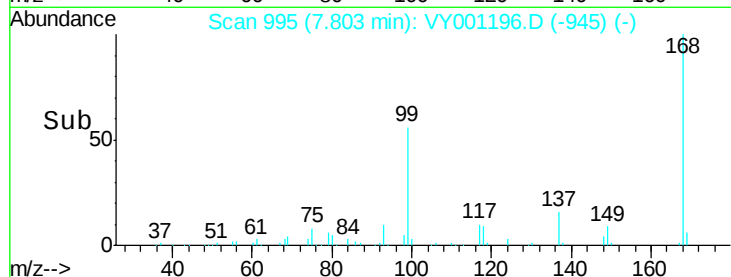
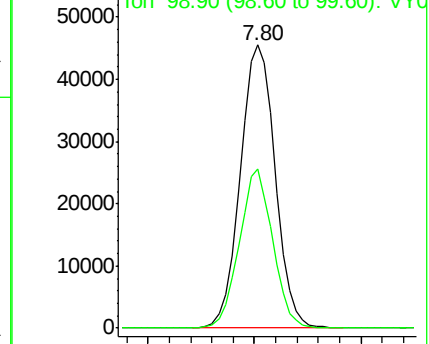
Ion Ratio Lower Upper

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

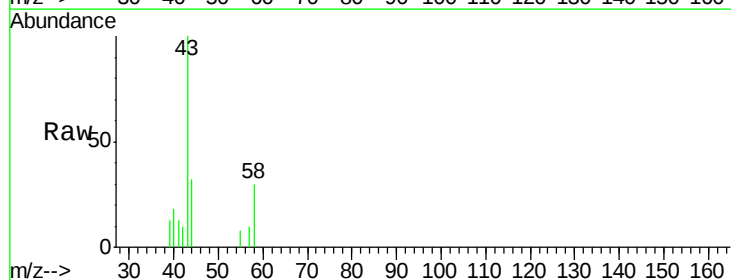
Acq: 14 Jan 2020 12:13

Tgt Ion: 43 Resp: 2918

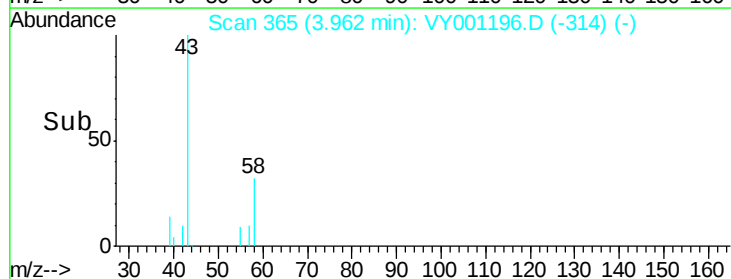
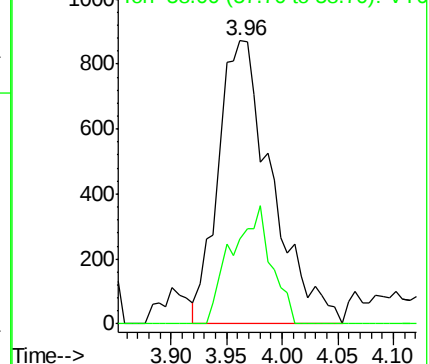
Ion Ratio Lower Upper

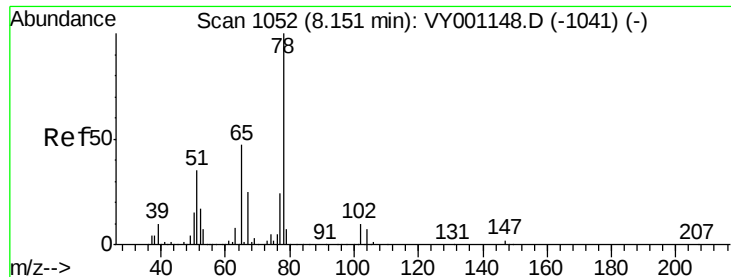
43 100

58 30.0 25.8 38.6



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

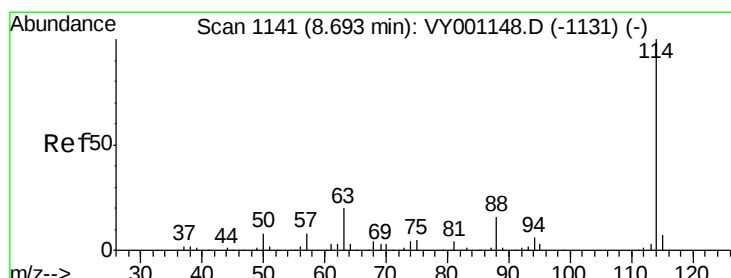
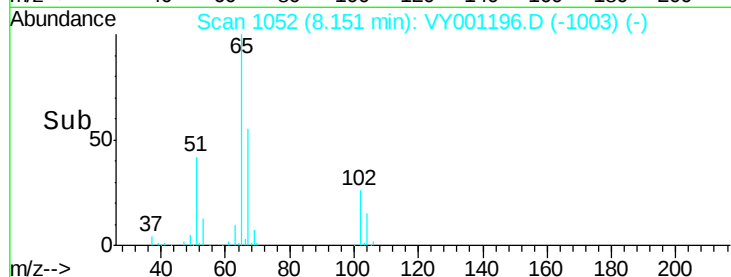
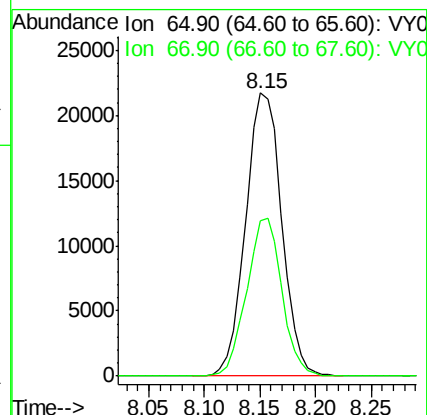
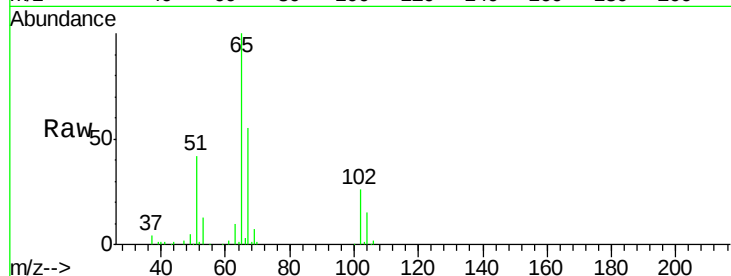




#33
 1,2-Dichloroethane-d4
 Concen: 44.369 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001196.D
 Acq: 14 Jan 2020 12:13

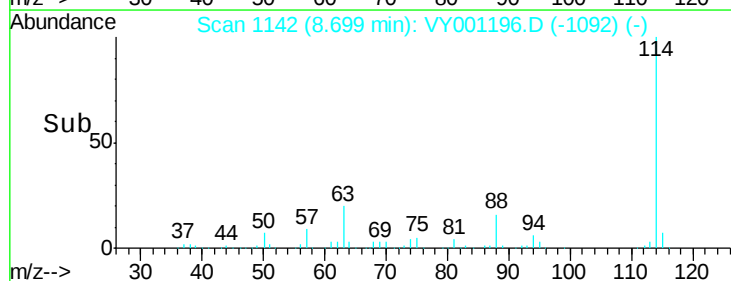
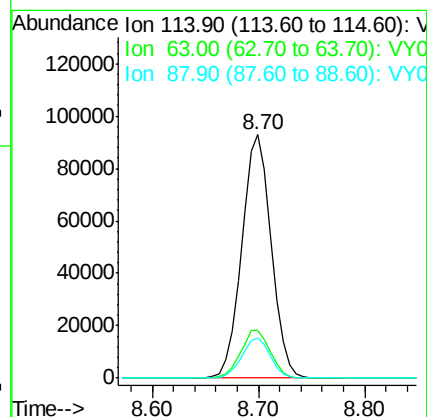
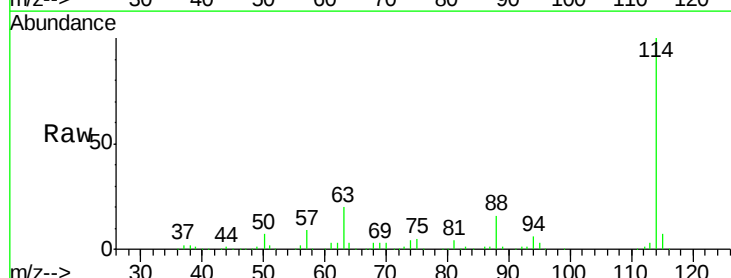
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200057-27

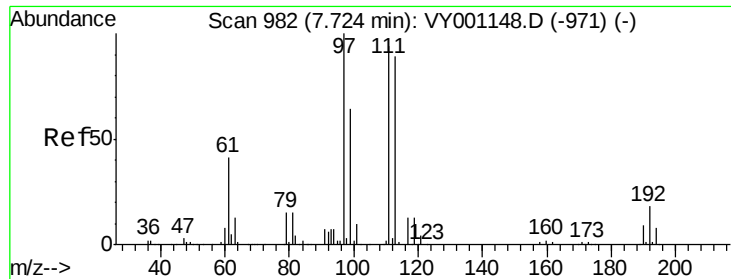
Tot Ion: 65 Resp: 48995
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: 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





#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

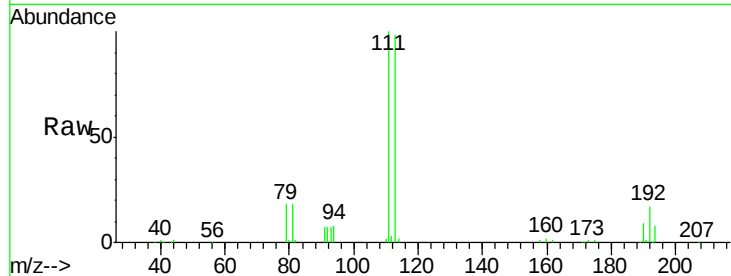
Tot Ion:113 Resp: 50508

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

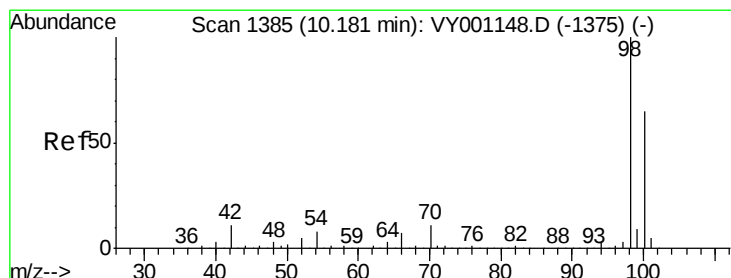
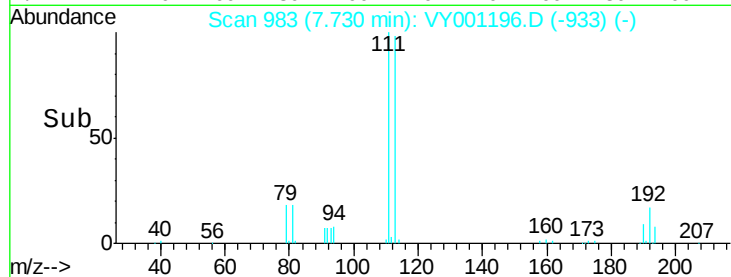
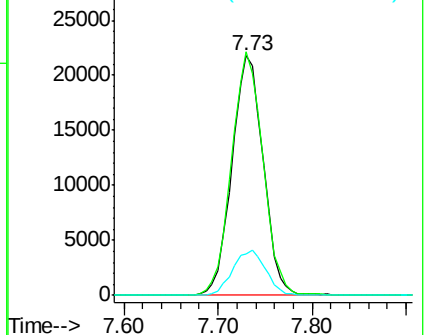
192 19.8 15.4 23.2



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



#50

Toluene-d8

Concen: 51.784 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001196.D

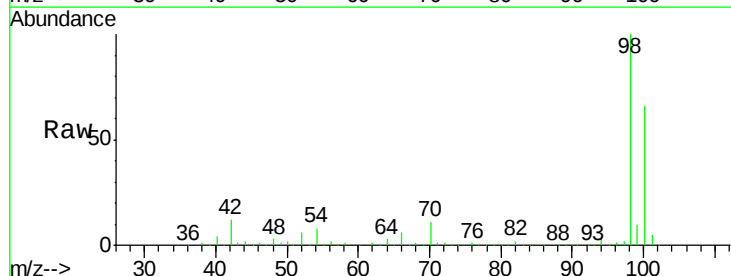
Acq: 14 Jan 2020 12:13

Tgt Ion: 98 Resp: 210688

Ion Ratio Lower Upper

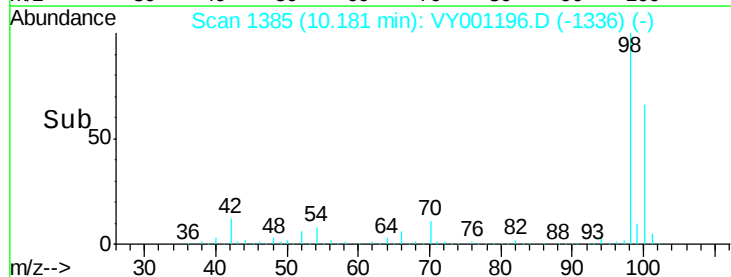
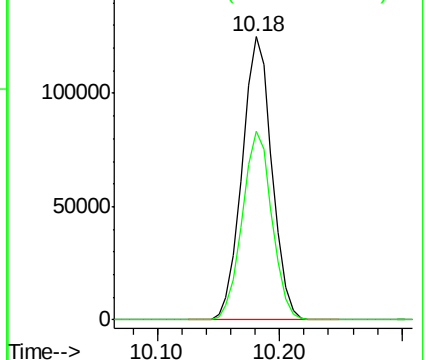
98 100

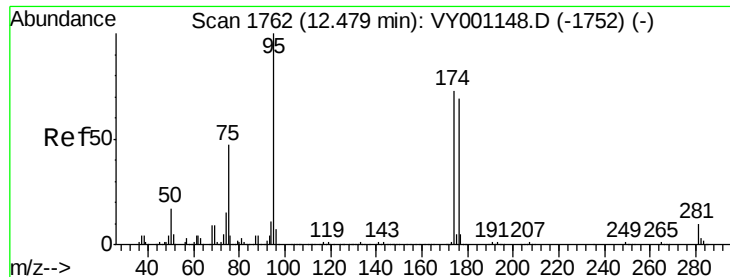
100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

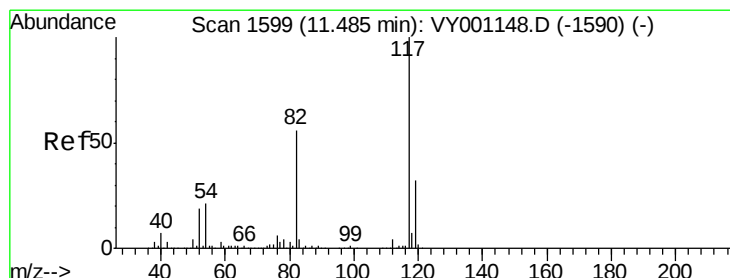
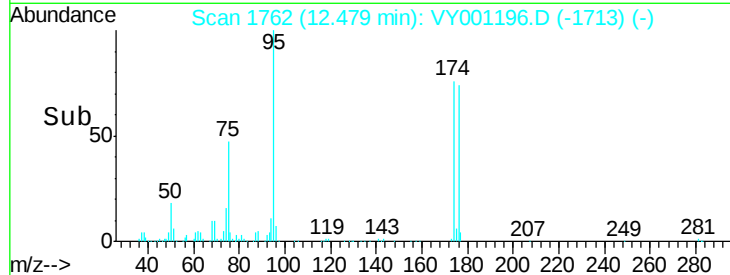
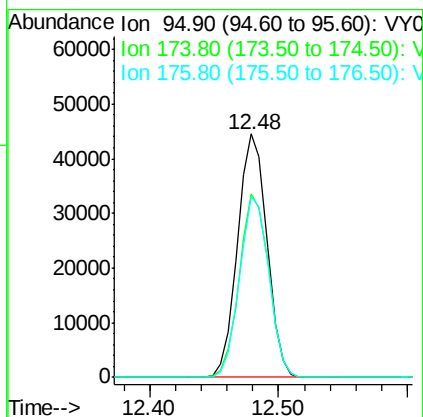
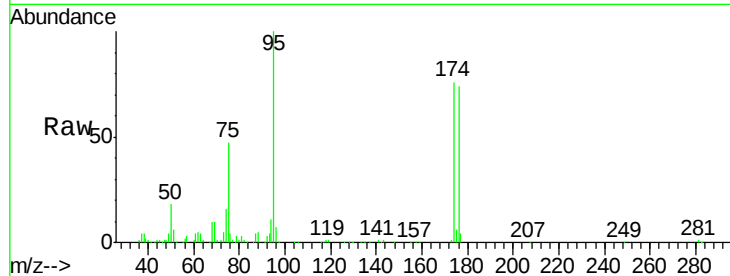




#62
4-Bromofluorobenzene
Concen: 42.184 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001196.D
Acq: 14 Jan 2020 12:13

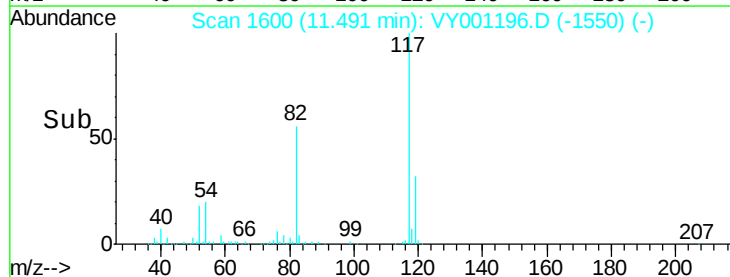
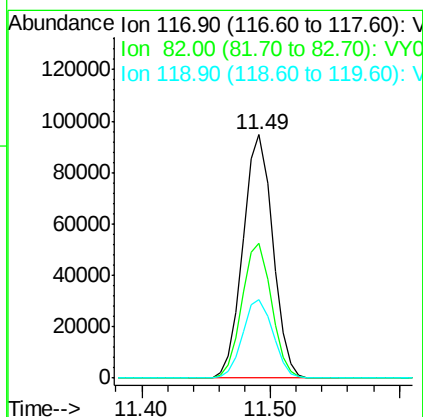
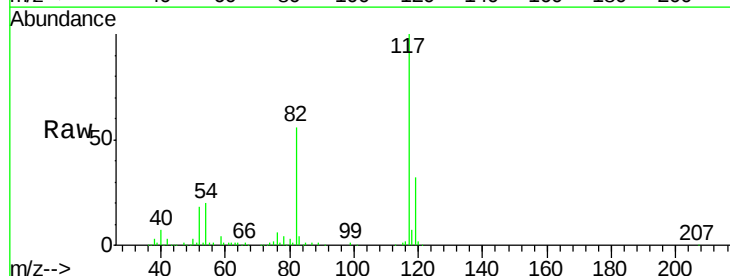
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200057-27

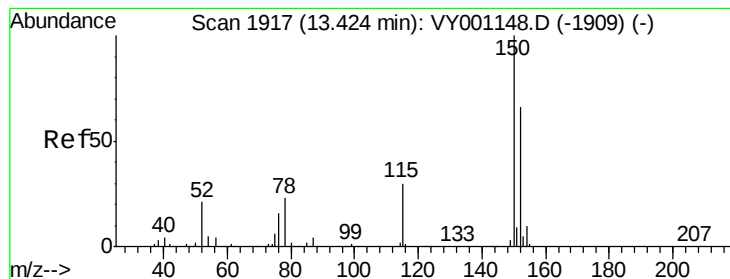
Tot Ion	95	Resp	70167
Ion Ratio	Lower	Upper	
95	100		
174	75.3	0.0	143.2
176	74.2	0.0	136.0



#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



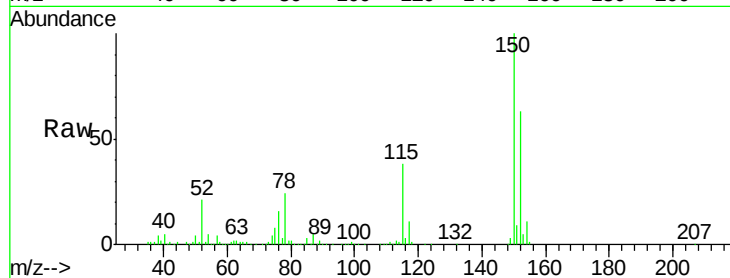


#72

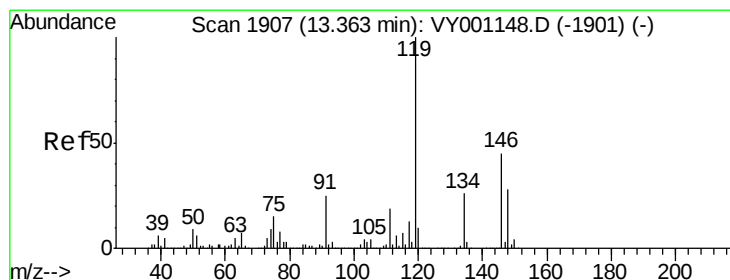
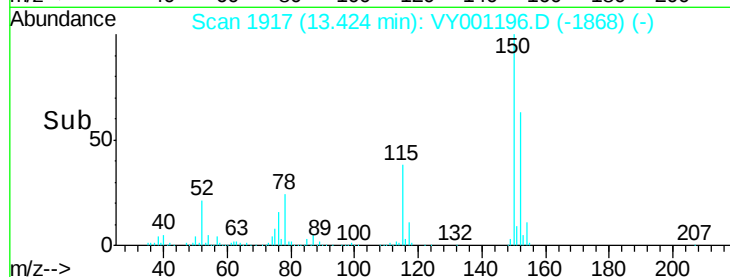
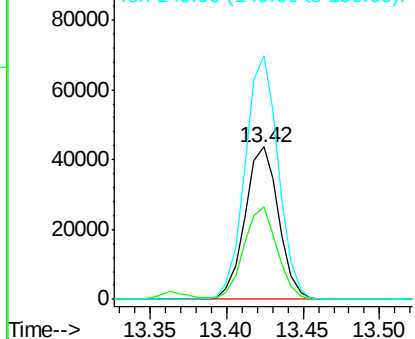
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001196.D
Acq: 14 Jan 2020 12:13

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200057-27

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



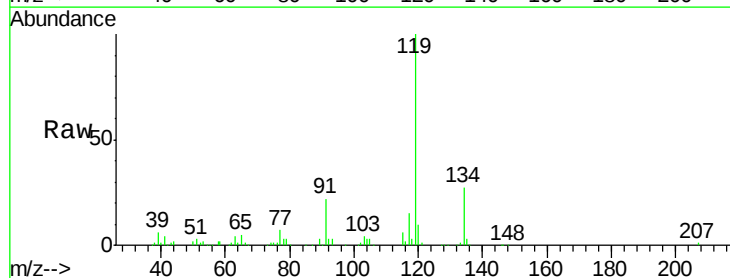
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



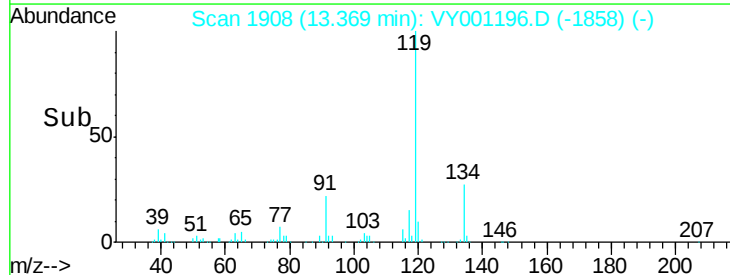
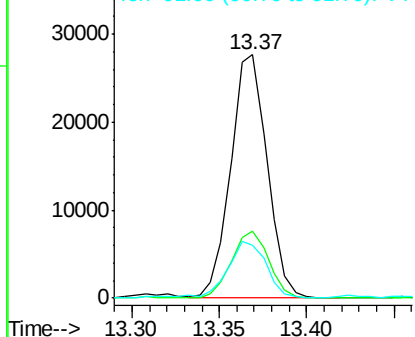
#86

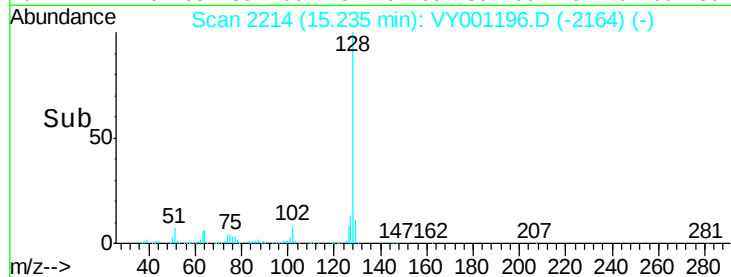
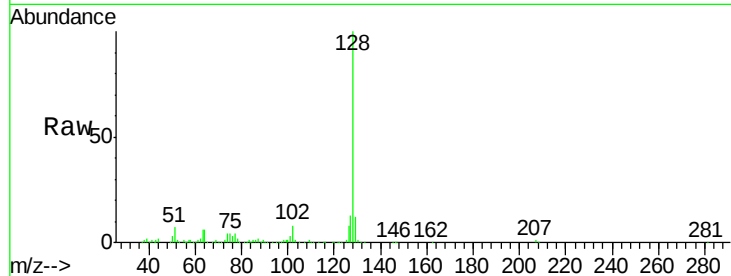
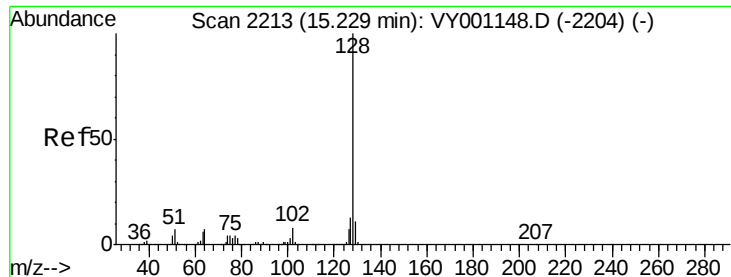
p-Isopropyltoluene
Concen: 9.203 ug/l
RT: 13.37 min Scan# 1908
Delta R.T. 0.01 min
Lab File: VY001196.D
Acq: 14 Jan 2020 12:13

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): V





#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

Tot Ion:128 Resp: 85917

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 11.6 8.5 12.7

