

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011720\
 Data File : VY001271.D
 Acq On : 17 Jan 2020 17:33
 Operator : SY/MD
 Sample : L1155-01
 Misc : 5.28G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200028

Quant Time: Jan 18 04:08:45 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

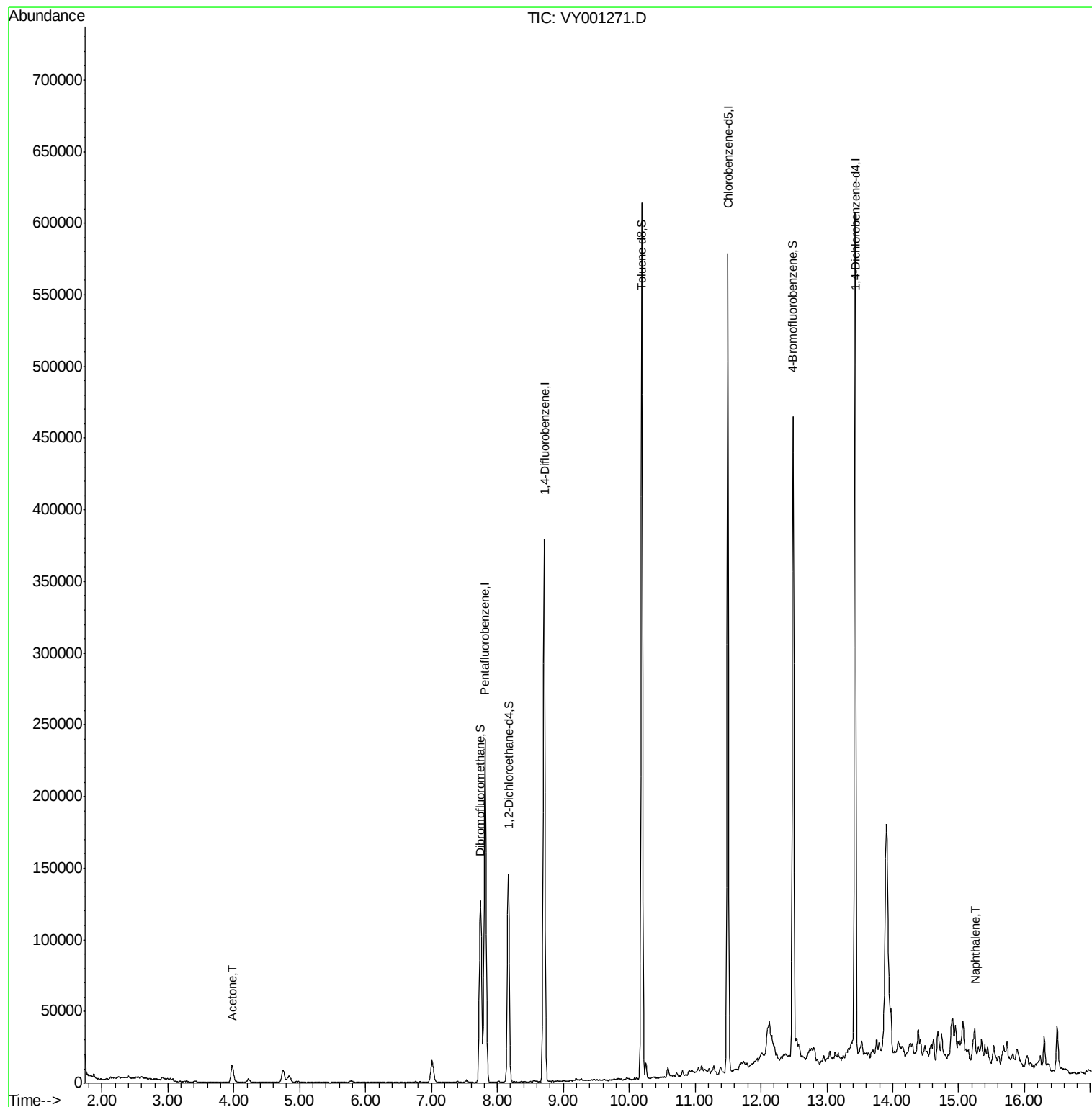
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	188445	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.71	114	331452	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.50	117	305138	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	142057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	106392	53.46	ug/l	0.02
Spiked Amount	50.000		Recovery	=	106.92%	
35) Dibromofluoromethane	7.74	113	92080	47.45	ug/l	0.02
Spiked Amount	50.000		Recovery	=	94.90%	
50) Toluene-d8	10.19	98	395600	52.90	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.49	95	145621	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
Target Compounds						
16) Acetone	3.97	43	21767	47.091	ug/l	96
95) Naphthalene	15.24	128	12665	1.991	ug/l #	95

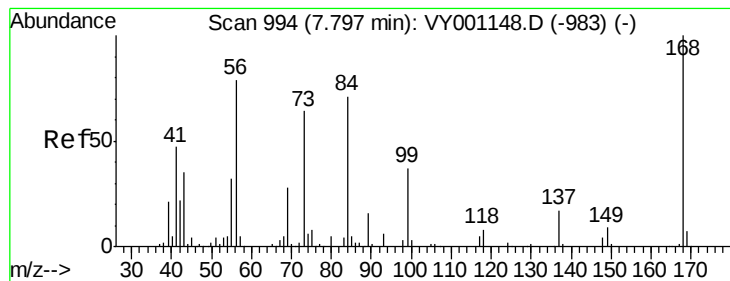
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.02 min

Lab File: VY001271.D

Acq: 17 Jan 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

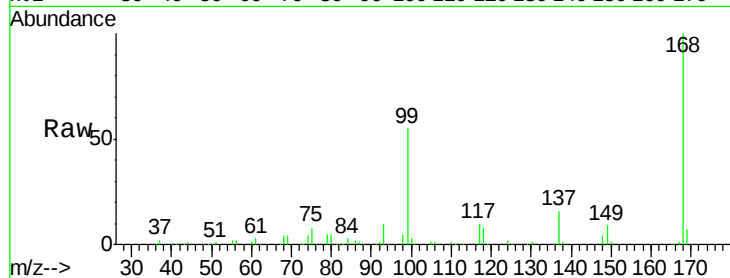
RBR-200028

Tot Ion:168 Resp: 188445

Ion Ratio Lower Upper

168 100

99 54.9 47.9 71.9

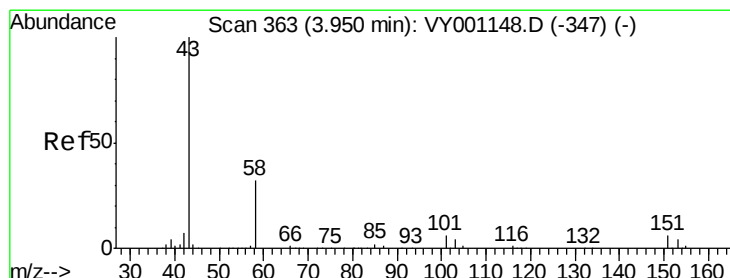
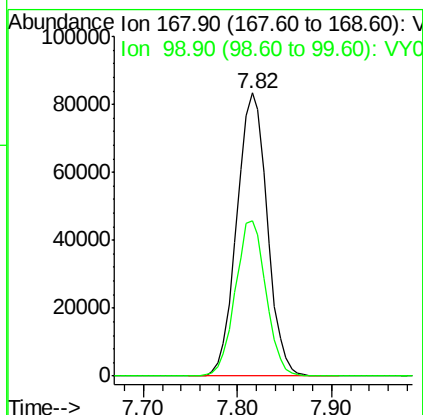
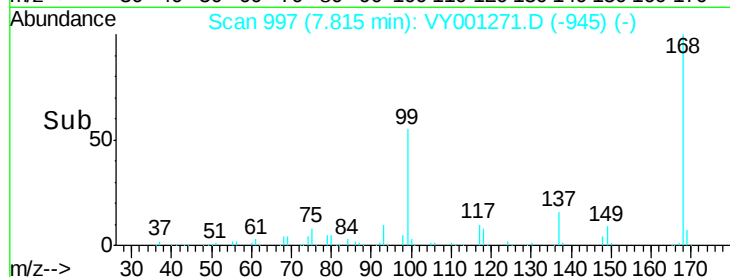


Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.82

Time-->



#16

Acetone

Concen: 47.091 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.02 min

Lab File: VY001271.D

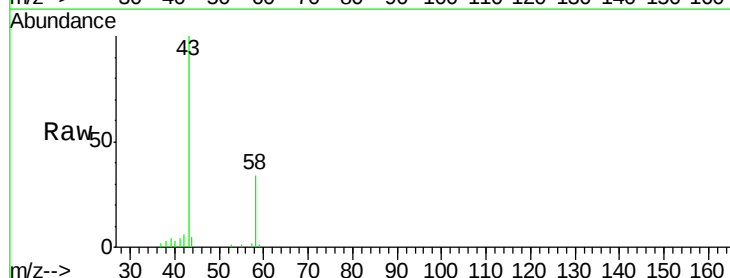
Acq: 17 Jan 2020 17:33

Tgt Ion: 43 Resp: 21767

Ion Ratio Lower Upper

43 100

58 34.2 25.8 38.6

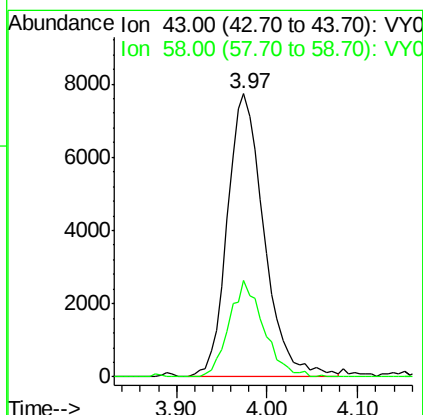
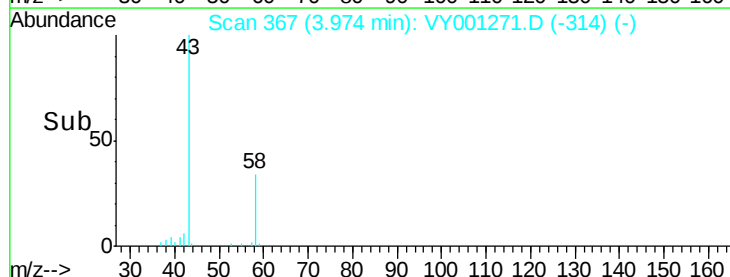


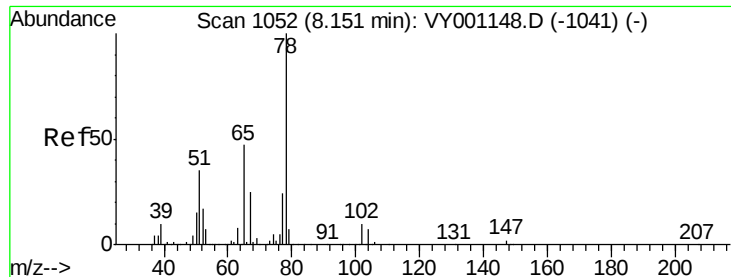
Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

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

3.97

Time-->

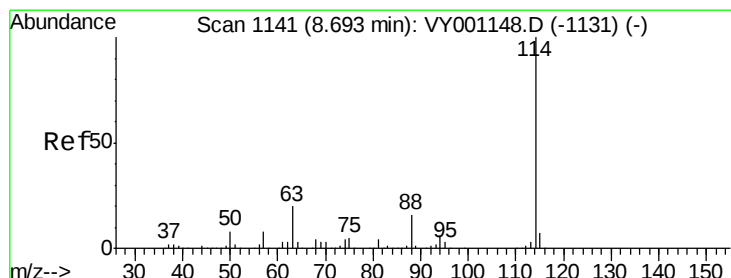
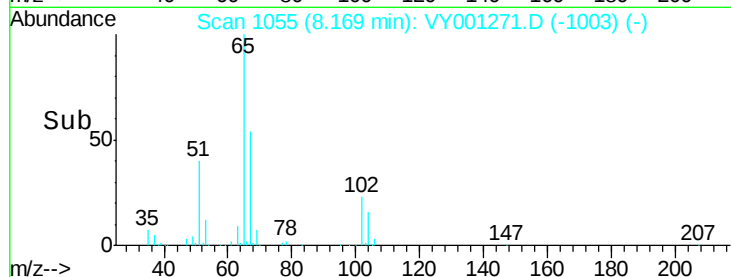
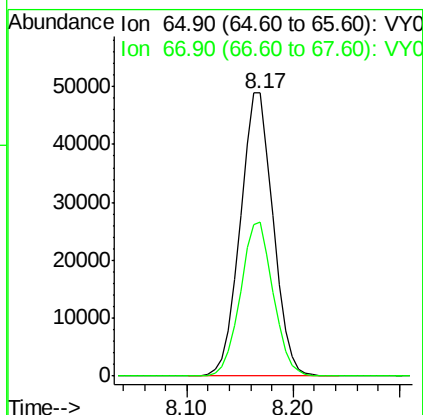
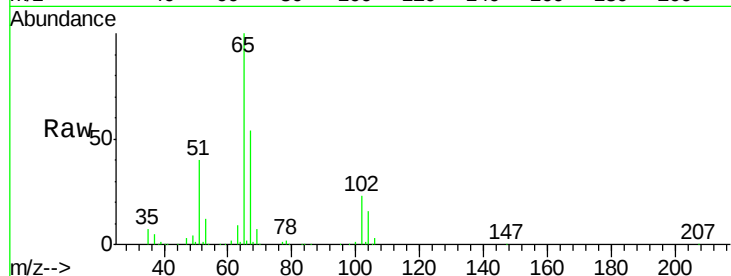




#33
 1,2-Dichloroethane-d4
 Concen: 53.455 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.02 min
 Lab File: VY001271.D
 Acq: 17 Jan 2020 17:33

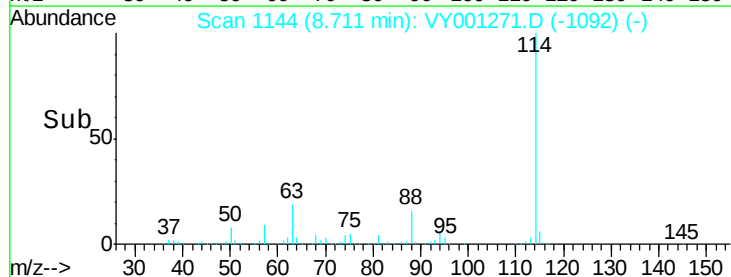
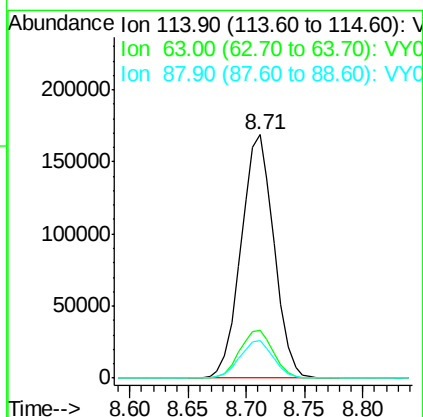
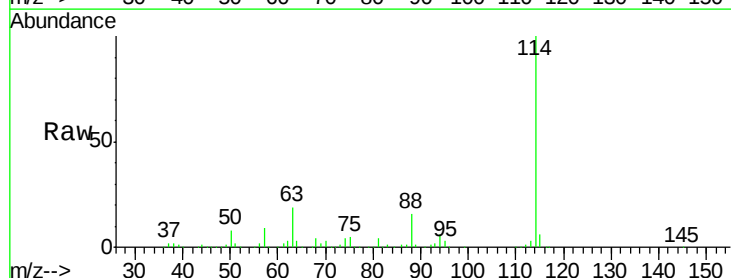
Instrument :
 MSVOA_Y
 ClientSampled :
 RBR-200028

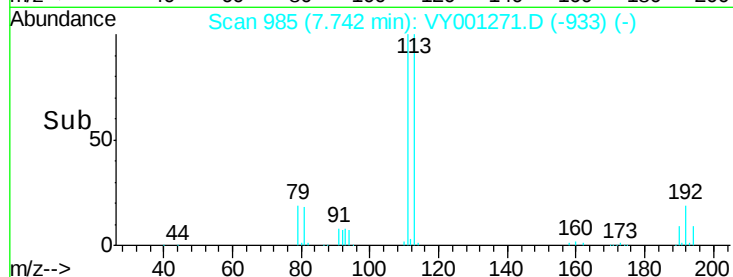
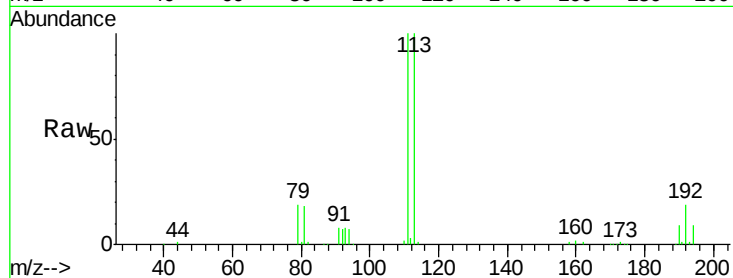
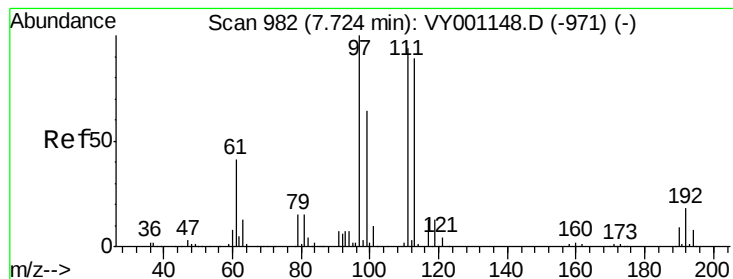
Tot Ion: 65 Resp: 106392
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.02 min
 Lab File: VY001271.D
 Acq: 17 Jan 2020 17:33

Tgt Ion: 114 Resp: 331452
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.8
 88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.448 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.02 min

Lab File: VY001271.D

Acq: 17 Jan 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

RBR-200028

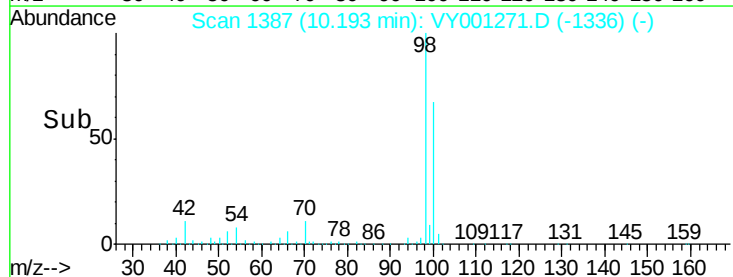
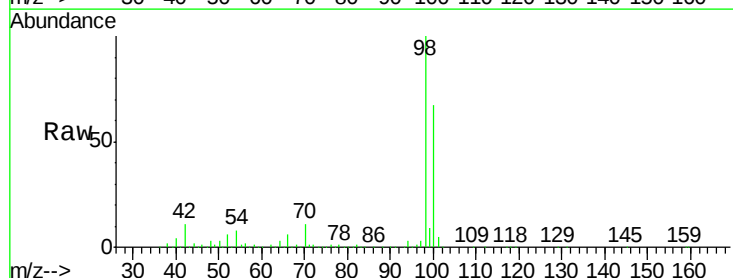
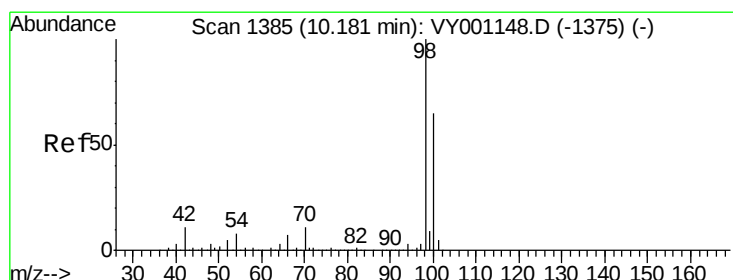
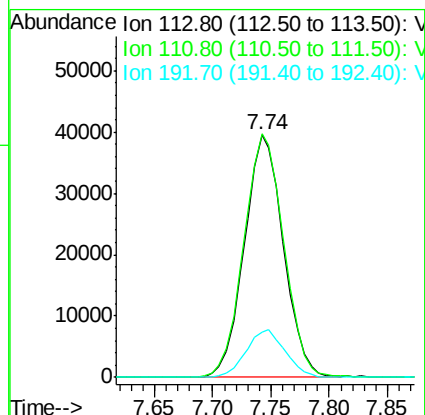
Tot Ion:113 Resp: 92080

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

192 19.7 15.4 23.2



#50

Toluene-d8

Concen: 52.905 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001271.D

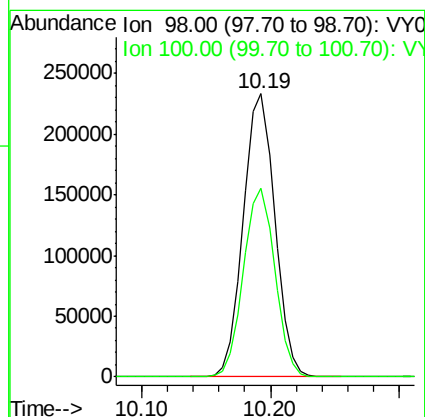
Acq: 17 Jan 2020 17:33

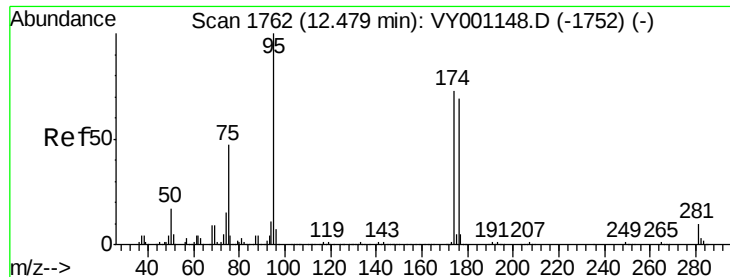
Tgt Ion: 98 Resp: 395600

Ion Ratio Lower Upper

98 100

100 66.1 53.1 79.7

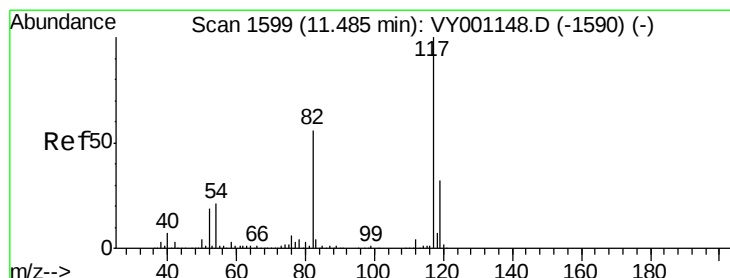
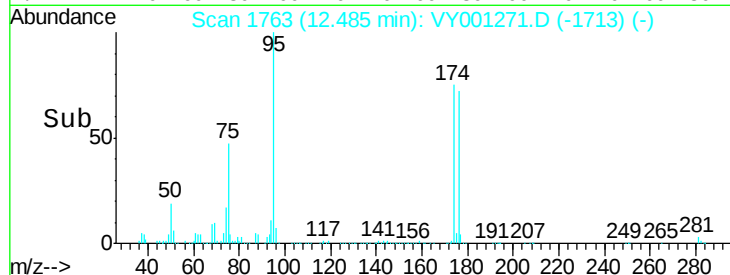
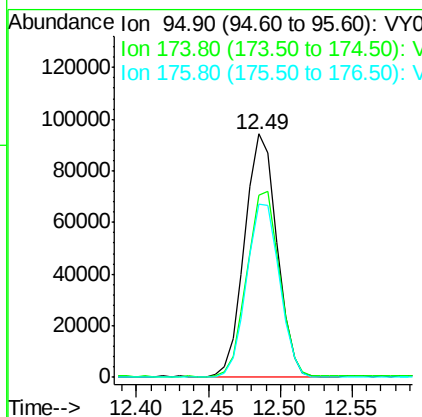
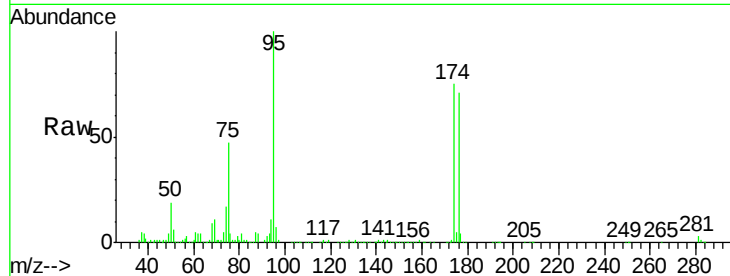




#62
 4-Bromofluorobenzene
 Concen: 47.634 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.01 min
 Lab File: VY001271.D
 Acq: 17 Jan 2020 17:33

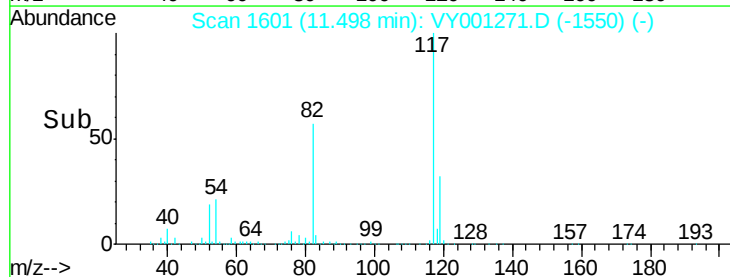
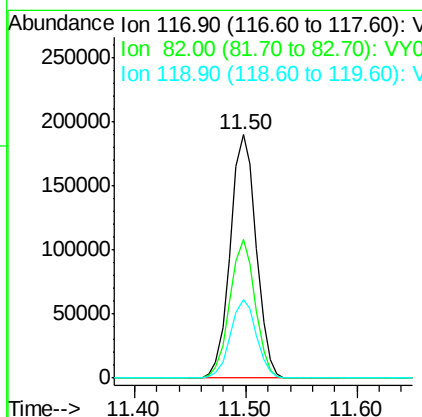
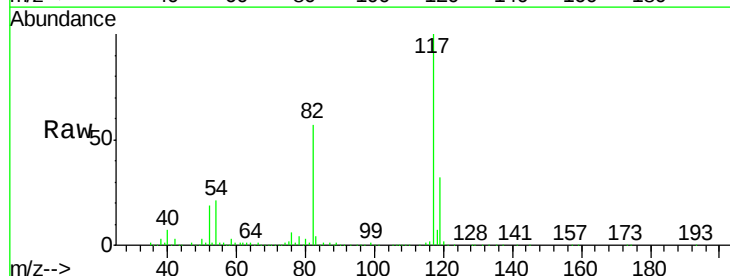
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200028

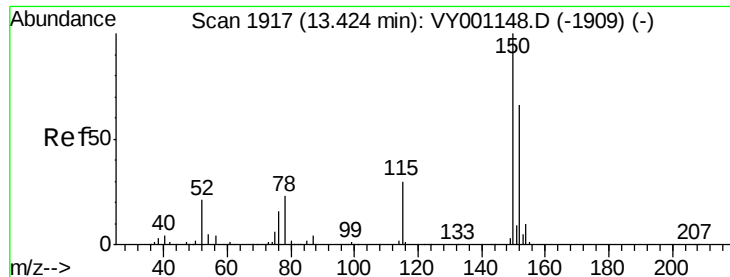
Tot Ion: 95 Resp: 145621
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 143.2
 176 73.2 0.0 136.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: VY001271.D
 Acq: 17 Jan 2020 17:33

Tgt Ion: 117 Resp: 305138
 Ion Ratio Lower Upper
 117 100
 82 57.1 44.9 67.3
 119 32.3 25.7 38.5



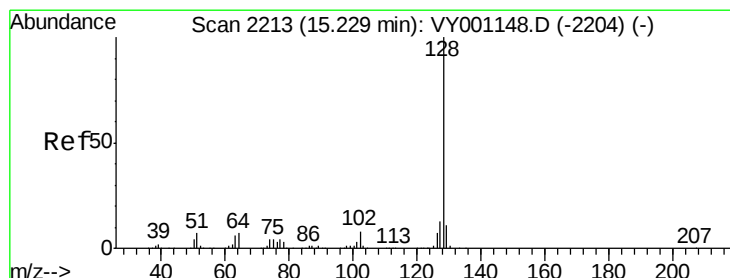
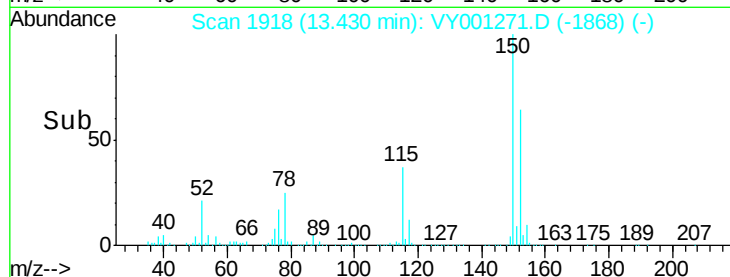
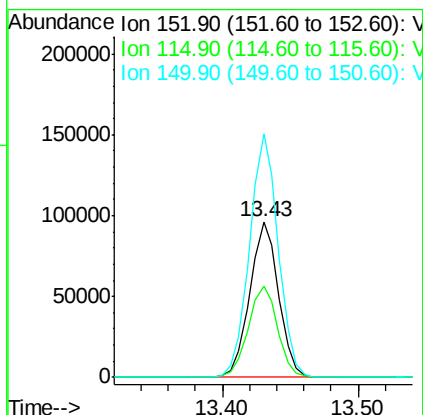
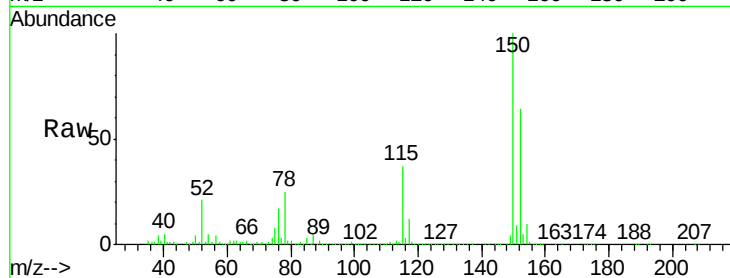


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.01 min
Lab File: VY001271.D
Acq: 17 Jan 2020 17:33

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200028

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.2	30.9	92.5
150	156.4	0.0	346.8



#95

Naphthalene
Concen: 1.991 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY001271.D
Acq: 17 Jan 2020 17:33

Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.1	10.2	15.4#
129	11.2	8.5	12.7

