

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002144.D
 Acq On : 31 Mar 2020 19:20
 Operator : SY/MD
 Sample : L2096-03
 Misc : 8.46G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-219

Quant Time: Apr 01 06:31:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

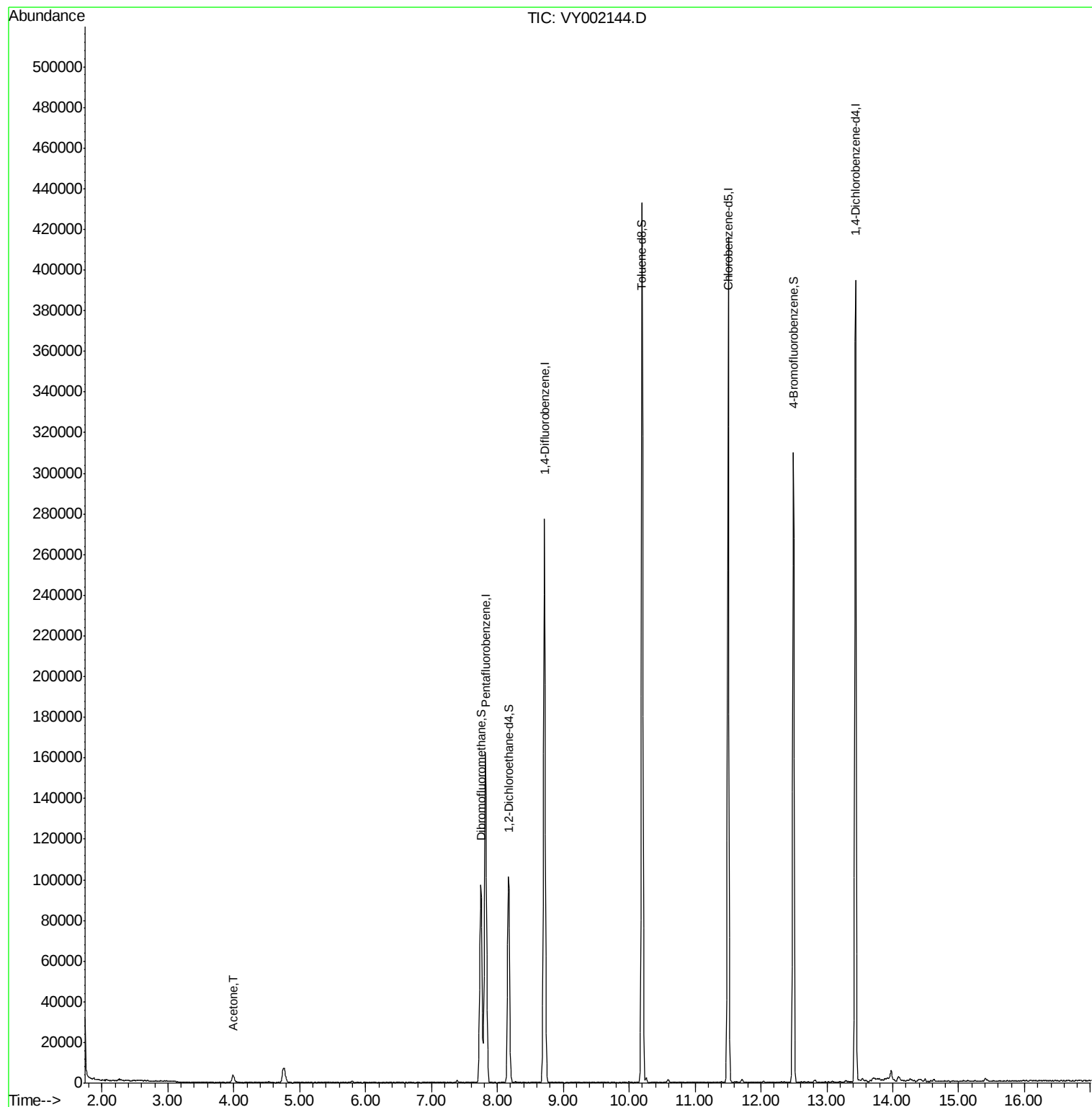
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	119783	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	235115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	219911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	94420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	76421	57.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.42%	
35) Dibromofluoromethane	7.75	113	69353	52.64	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.28%	
50) Toluene-d8	10.19	98	285943	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	12.49	95	97225	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
Target Compounds						
16) Acetone	3.98	43	6225	16.733	ug/l #	Qvalue 85

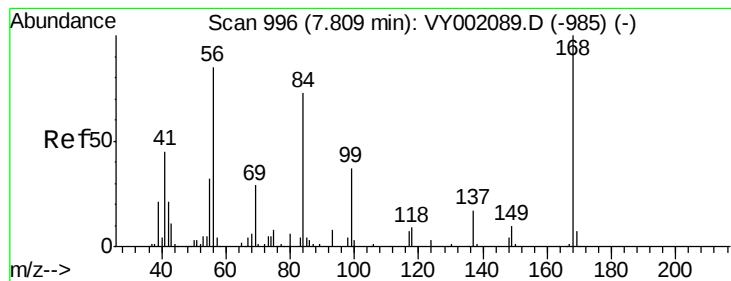
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
Data File : VY002144.D
Acq On : 31 Mar 2020 19:20
Operator : SY/MD
Sample : L2096-03
Misc : 8.46G/5ML/MSVOA Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-219

Quant Time: Apr 01 06:31:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 07:11:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002144.D

Acq: 31 Mar 2020 19:20

Instrument :

MSVOA_Y

ClientSampleId :

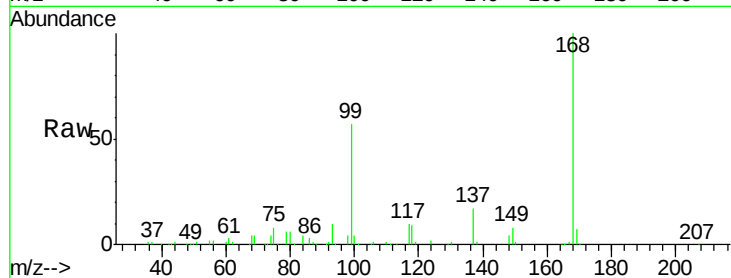
VNJ-219

Tot Ion:168 Resp: 119783

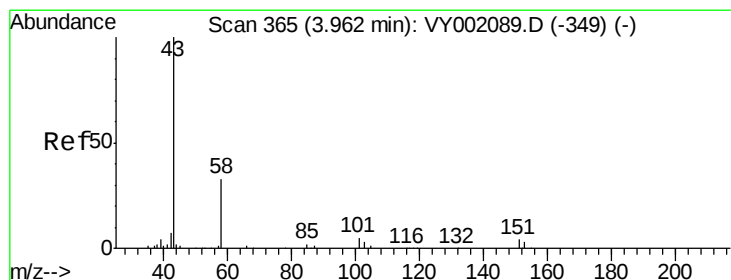
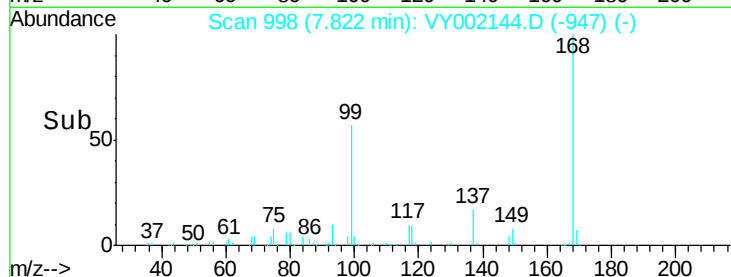
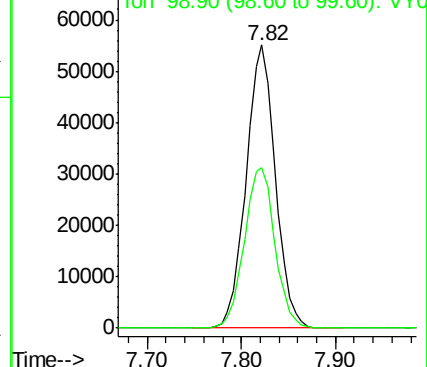
Ion Ratio Lower Upper

168 100

99 56.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002144.D (-947) (-)



#16

Acetone

Concen: 16.733 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.02 min

Lab File: VY002144.D

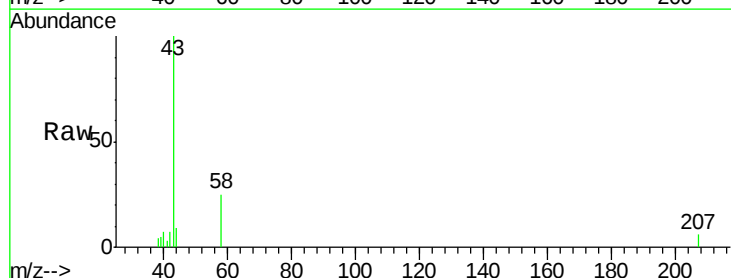
Acq: 31 Mar 2020 19:20

Tgt Ion: 43 Resp: 6225

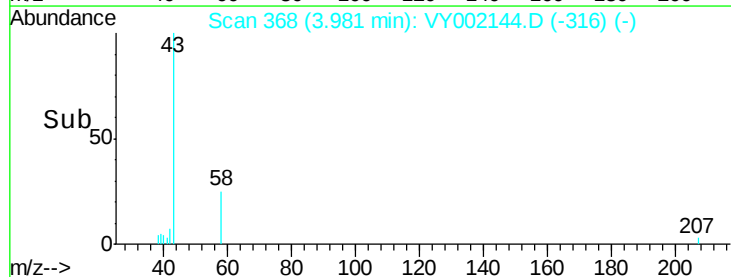
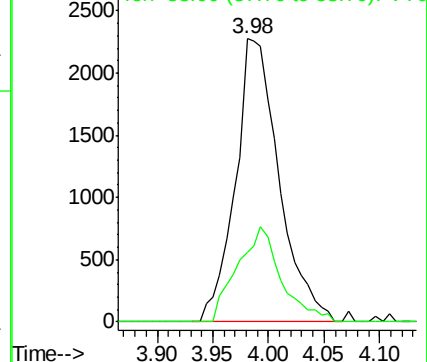
Ion Ratio Lower Upper

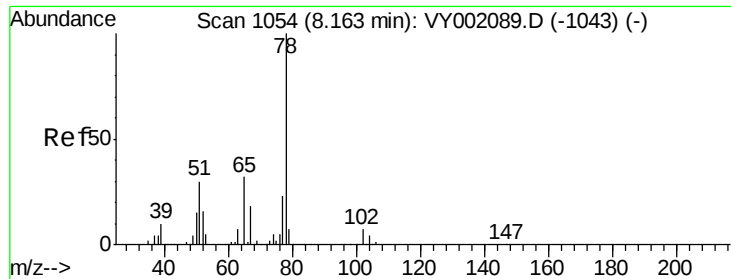
43 100

58 24.6 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002144.D (-316) (-)





#33

1,2-Dichloroethane-d4

Concen: 57.712 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002144.D

Acq: 31 Mar 2020 19:20

Instrument :

MSVOA_Y

ClientSampleId :

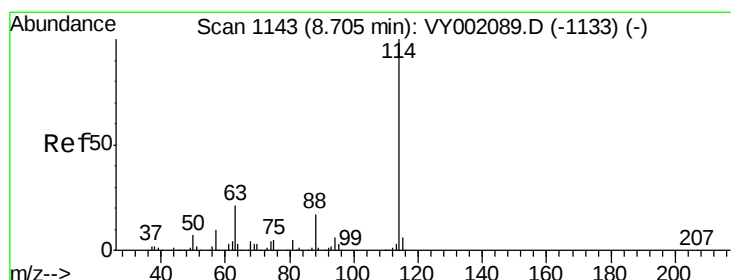
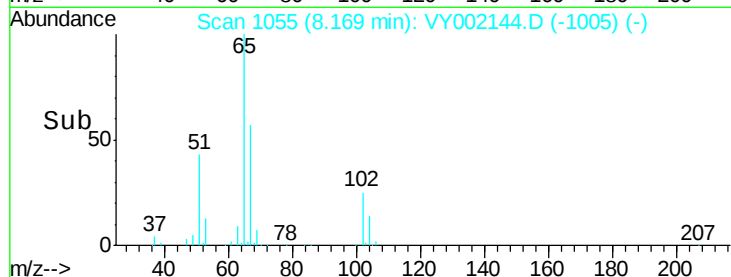
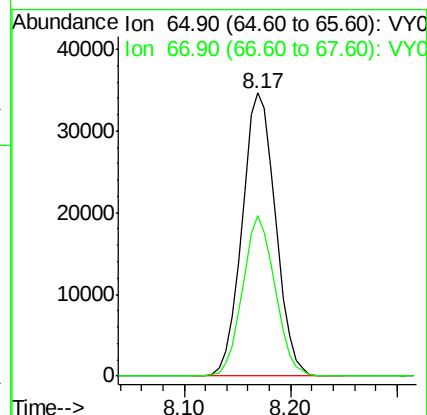
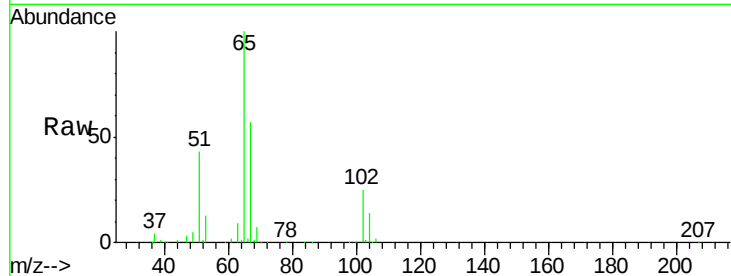
VNJ-219

Tot Ion: 65 Resp: 76421

Ion Ratio Lower Upper

65 100

67 55.1 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002144.D

Acq: 31 Mar 2020 19:20

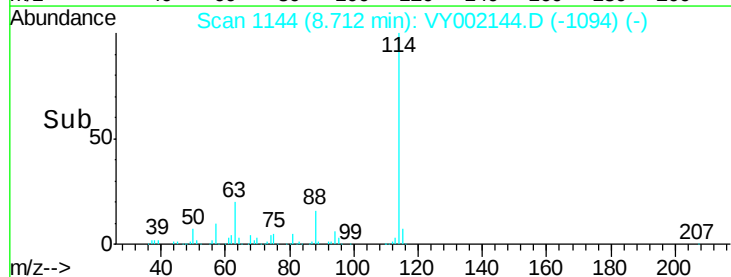
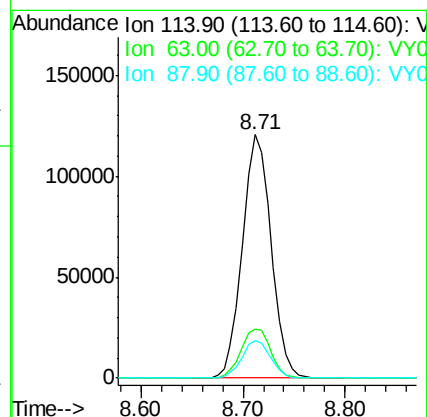
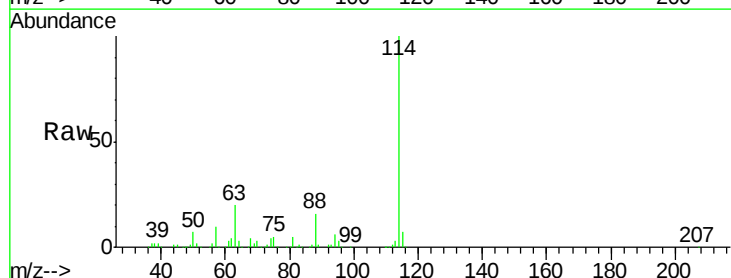
Tgt Ion: 114 Resp: 235115

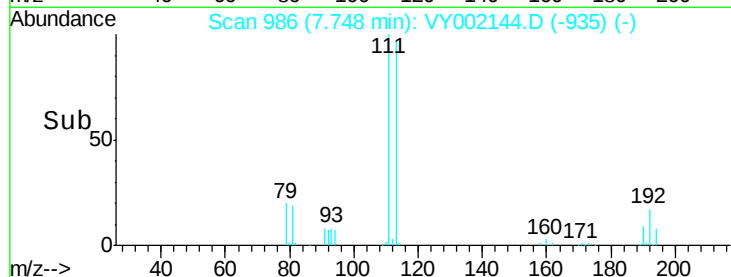
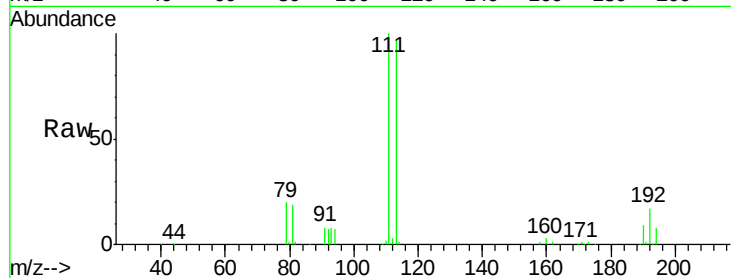
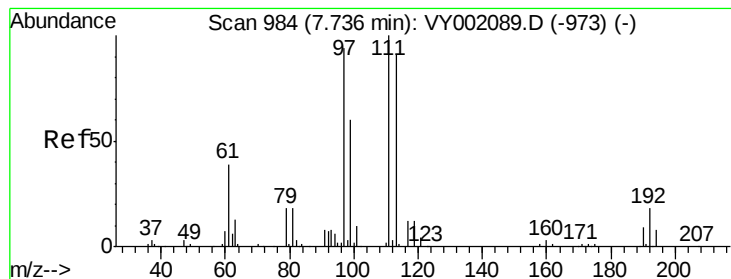
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.645 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY002144.D

Acq: 31 Mar 2020 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-219

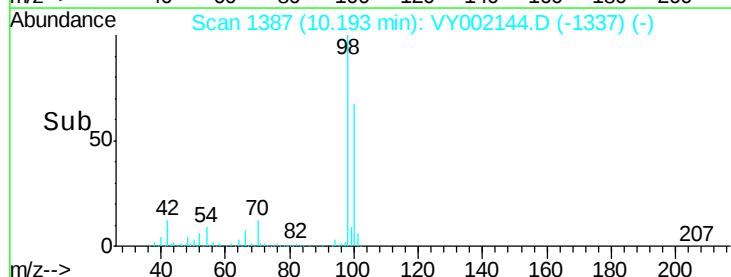
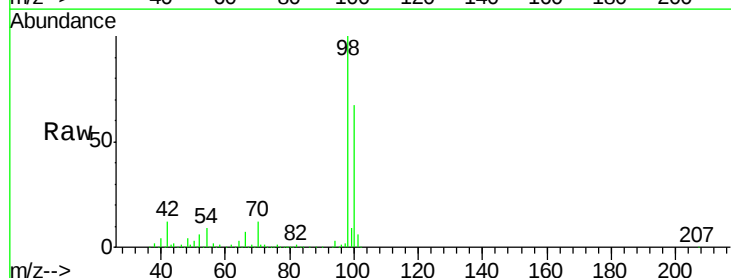
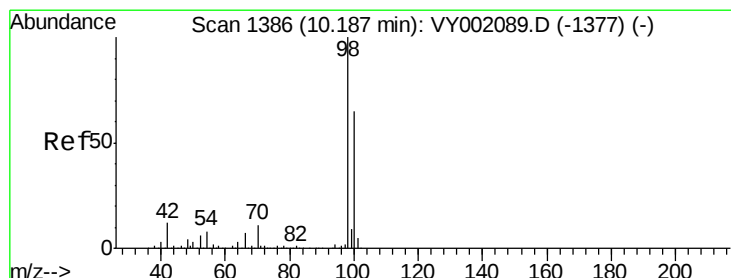
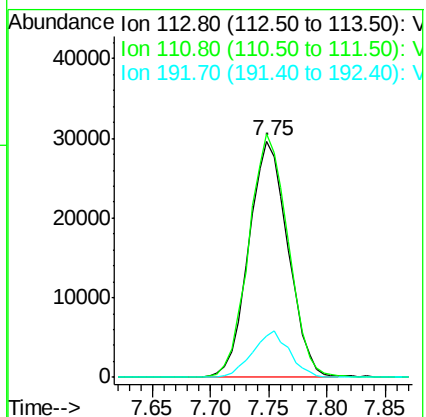
Tot Ion:113 Resp: 69353

Ion Ratio Lower Upper

113 100

111 103.4 84.4 126.6

192 18.4 14.6 21.8



#50

Toluene-d8

Concen: 52.249 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002144.D

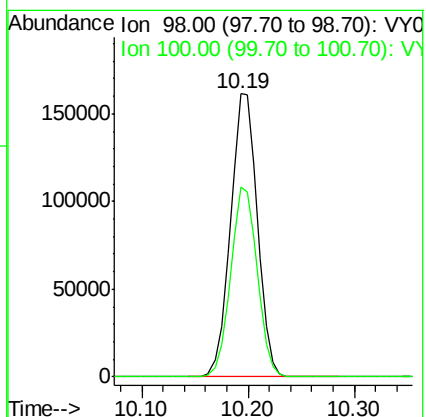
Acq: 31 Mar 2020 19:20

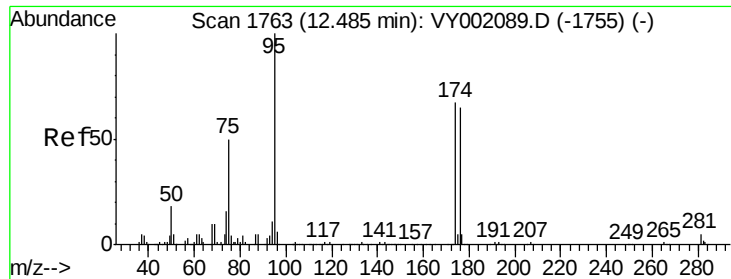
Tgt Ion: 98 Resp: 285943

Ion Ratio Lower Upper

98 100

100 66.0 51.6 77.4

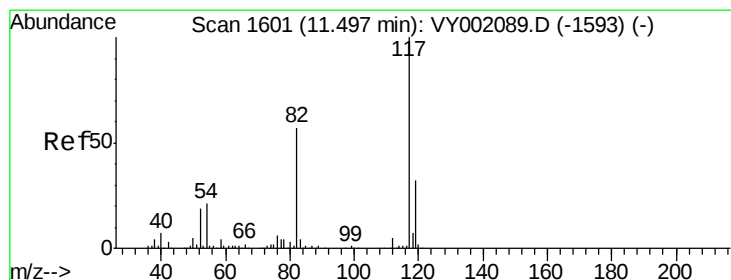
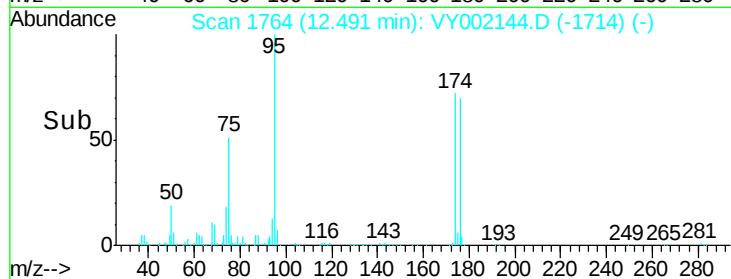
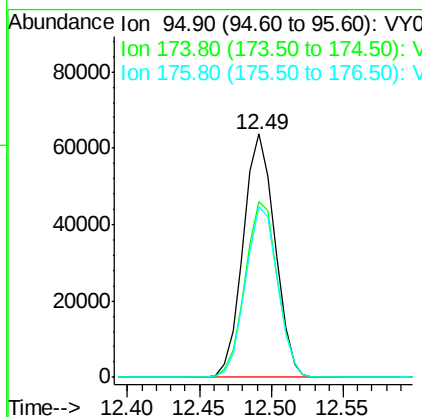
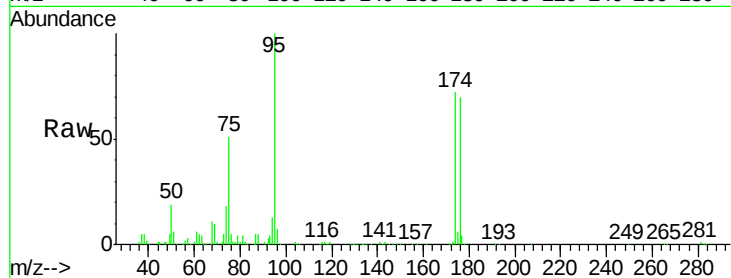




#62
4-Bromofluorobenzene
Concen: 50.797 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002144.D
Acq: 31 Mar 2020 19:20

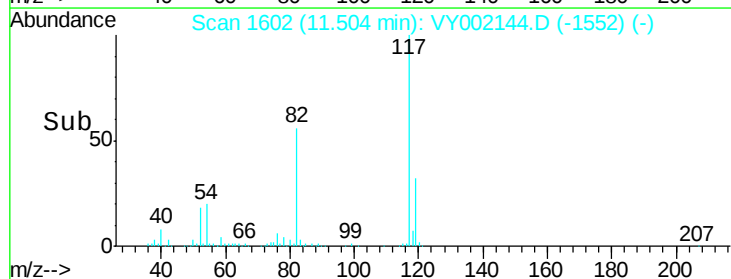
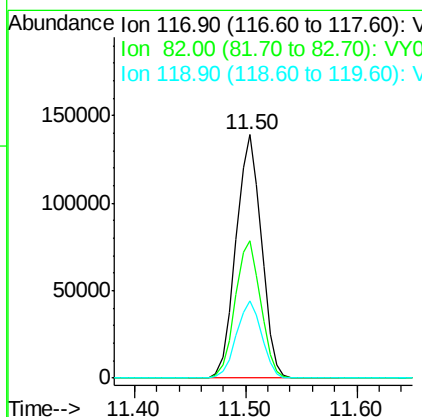
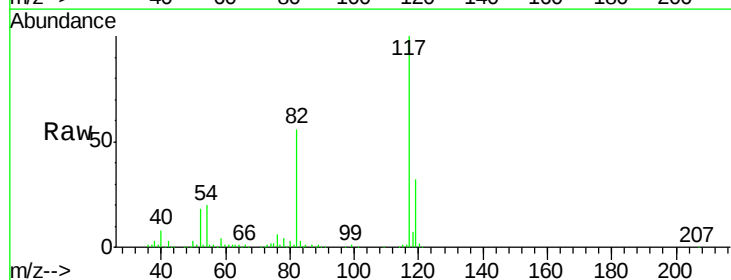
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-219

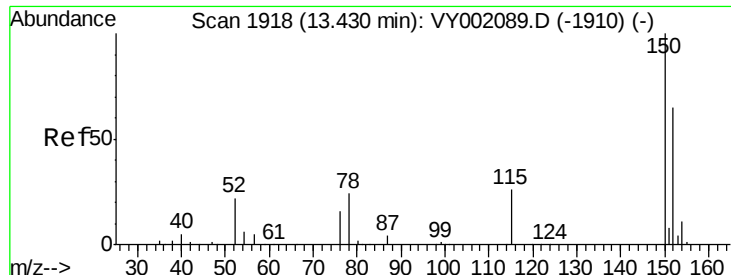
Tot Ion: 95 Resp: 97225
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.4
176 70.8 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002144.D
Acq: 31 Mar 2020 19:20

Tgt Ion: 117 Resp: 219911
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.2
119 31.9 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002144.D

Acq: 31 Mar 2020 19:20

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-219

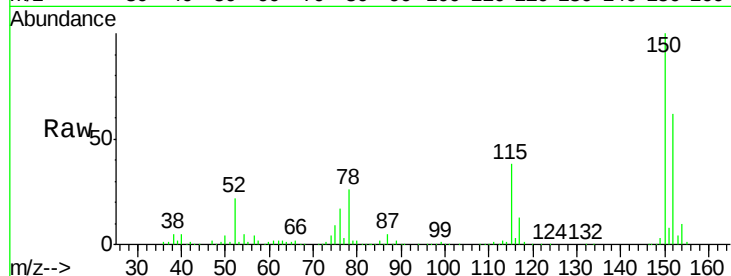
Tot Ion:152 Resp: 94420

Ion Ratio Lower Upper

152 100

115 61.5 31.2 93.6

150 158.8 0.0 354.8



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

