

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030920\
 Data File : VY001908.D
 Acq On : 09 Mar 2020 13:50
 Operator : SY/MD
 Sample : L1849-01
 Misc : 8.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-230-218-211-216-242

Quant Time: Mar 10 12:10:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

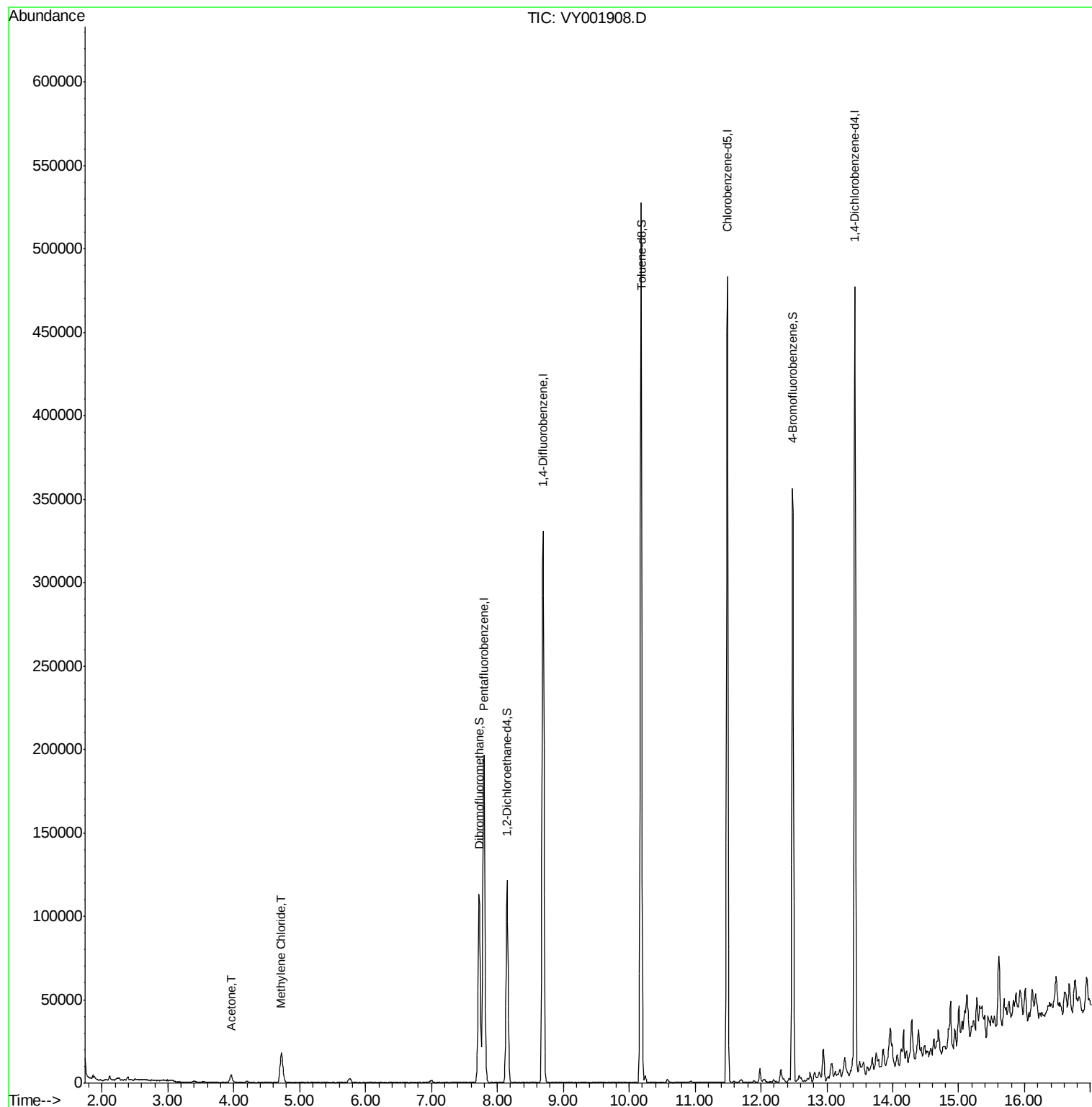
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	148545	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	283125	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	258681	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	114121	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	89838	56.65	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	113.30%	
35) Dibromofluoromethane	7.72	113	82368	53.28	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.56%	
50) Toluene-d8	10.18	98	343935	52.76	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.48	95	116904	51.57	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.14%	
Target Compounds						
16) Acetone	3.96	43	7734	16.744	ug/l	94
20) Methylene Chloride	4.72	84	13383	6.761	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.02 min

Lab File: VY001908.D

Acq: 09 Mar 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

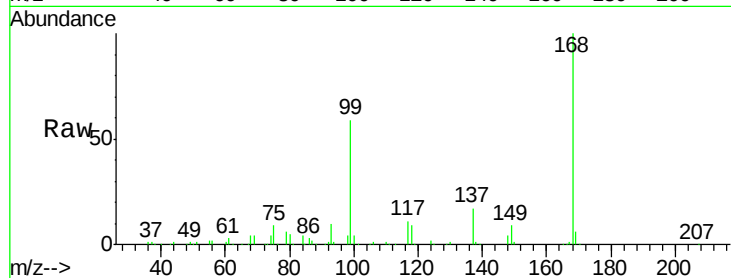
VNJ-230-218-211-216-242

Tot Ion:168 Resp: 148545

Ion Ratio Lower Upper

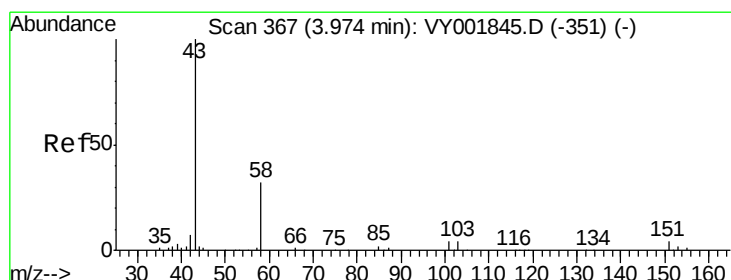
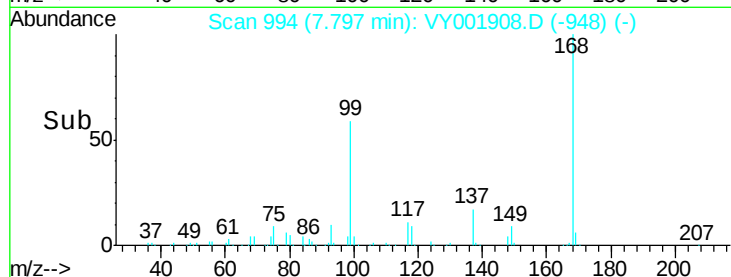
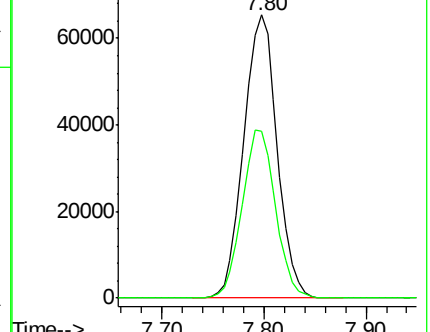
168 100

99 58.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001908.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001908.D (-948) (-)



#16

Acetone

Concen: 16.744 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.02 min

Lab File: VY001908.D

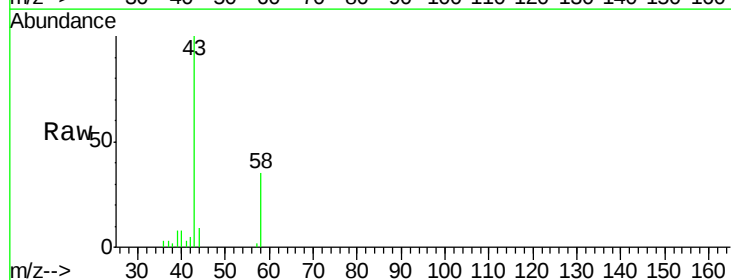
Acq: 09 Mar 2020 13:50

Tgt Ion: 43 Resp: 7734

Ion Ratio Lower Upper

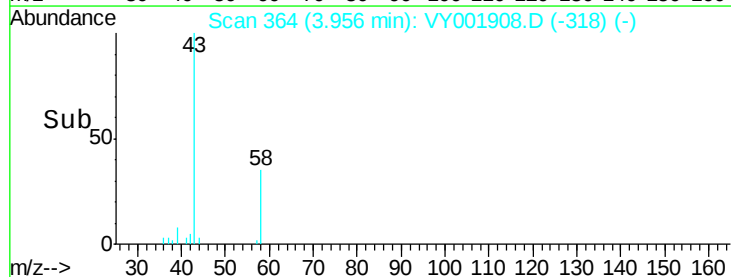
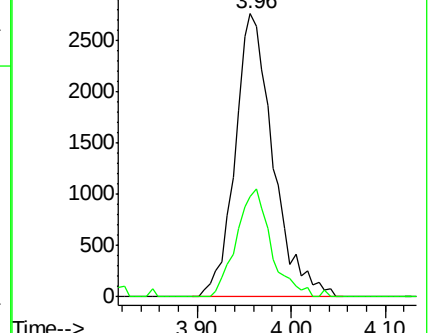
43 100

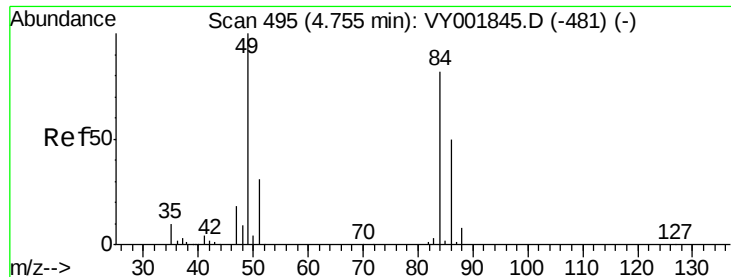
58 35.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001908.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001908.D (-318) (-)

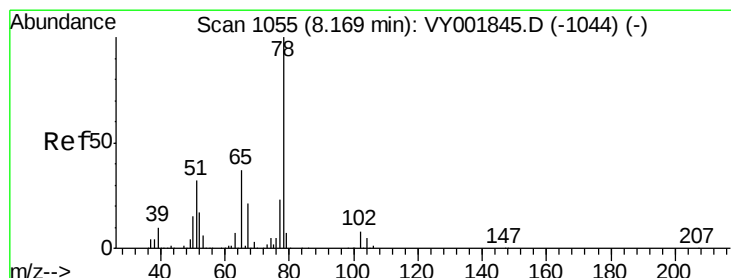
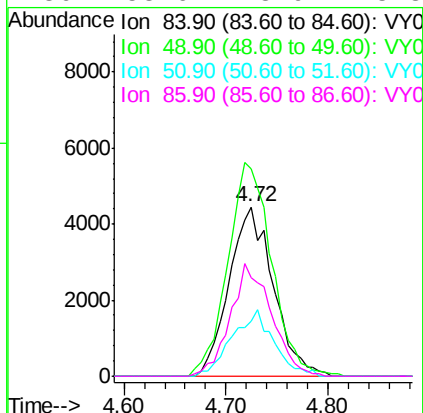
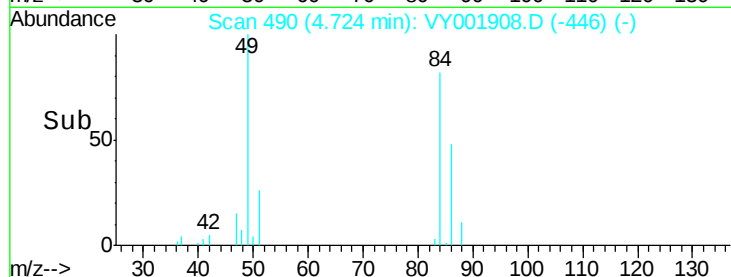
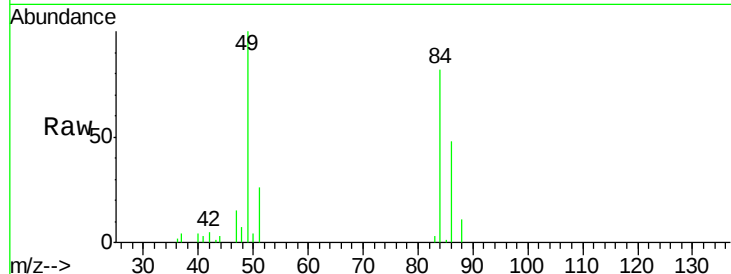




#20
Methvlene Chloride
Concen: 6.761 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.03 min
Lab File: VY001908.D
Acq: 09 Mar 2020 13:50

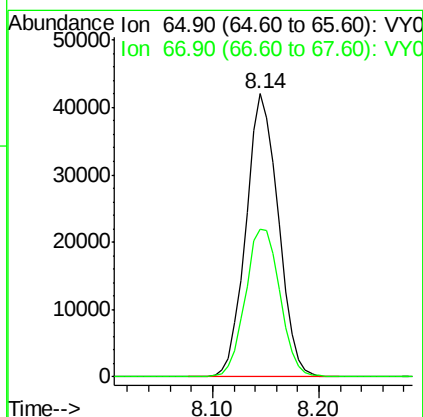
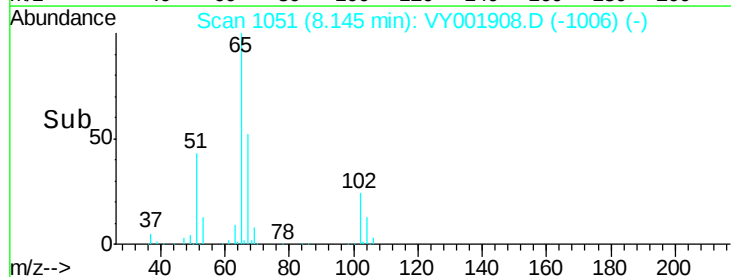
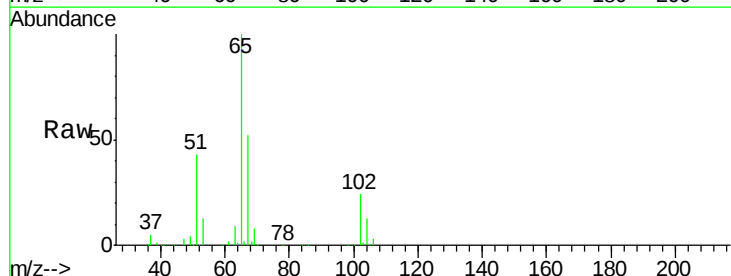
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-230-218-211-216-242

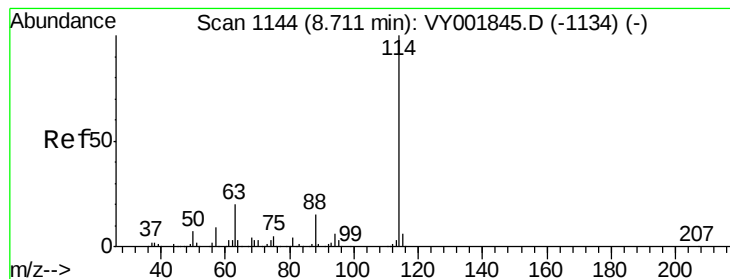
Tot Ion: 84 Resp: 13383
Ion Ratio Lower Upper
84 100
49 122.4 98.2 147.2
51 32.2 30.2 45.2
86 58.6 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 56.651 ug/l
RT: 8.14 min Scan# 1051
Delta R.T. -0.02 min
Lab File: VY001908.D
Acq: 09 Mar 2020 13:50

Tgt Ion: 65 Resp: 89838
Ion Ratio Lower Upper
65 100
67 55.9 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.02 min

Lab File: VY001908.D

Acq: 09 Mar 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-230-218-211-216-242

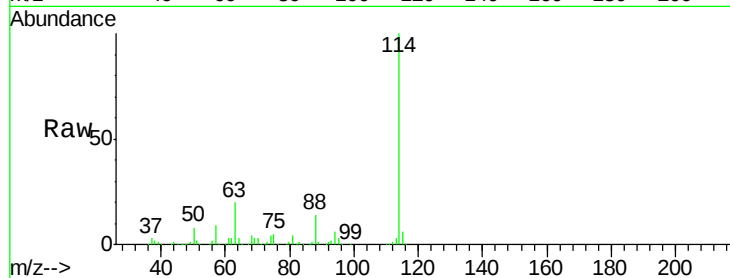
Tot Ion:114 Resp: 283125

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

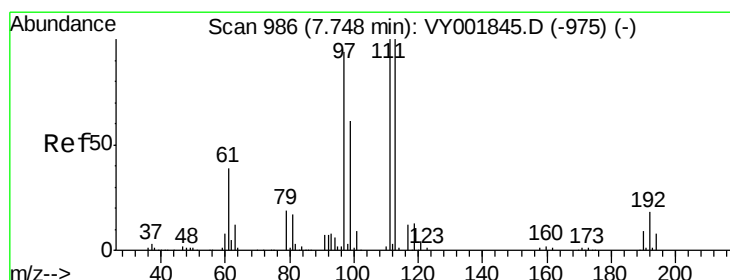
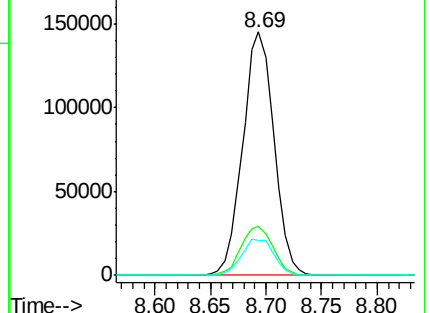
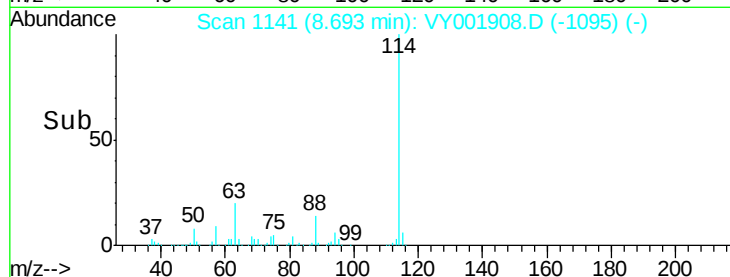
88 14.5 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 53.278 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.02 min

Lab File: VY001908.D

Acq: 09 Mar 2020 13:50

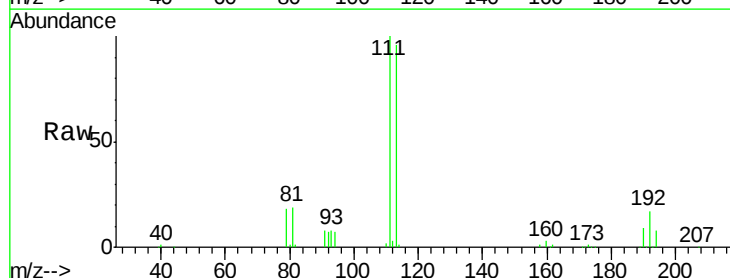
Tgt Ion:113 Resp: 82368

Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.8

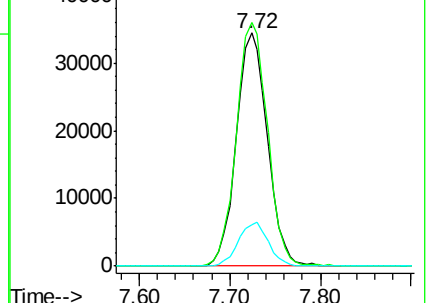
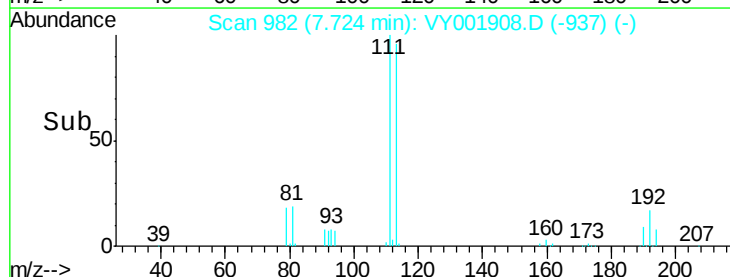
192 18.2 14.2 21.2

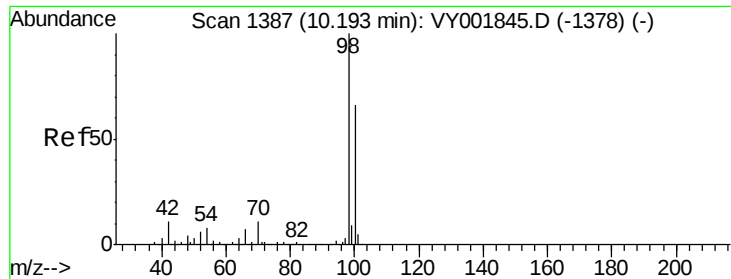


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.757 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY001908.D

Acq: 09 Mar 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

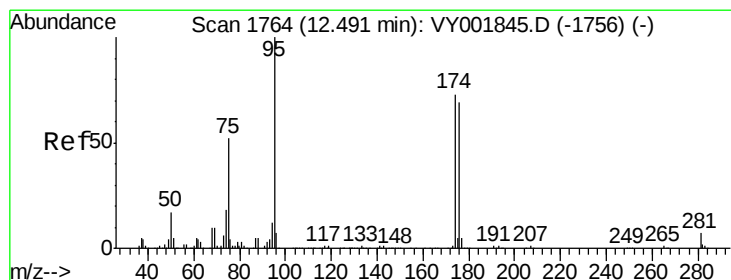
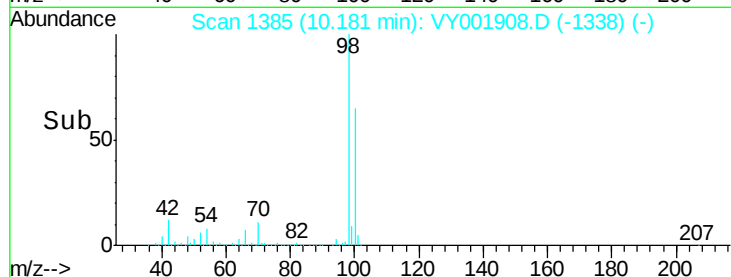
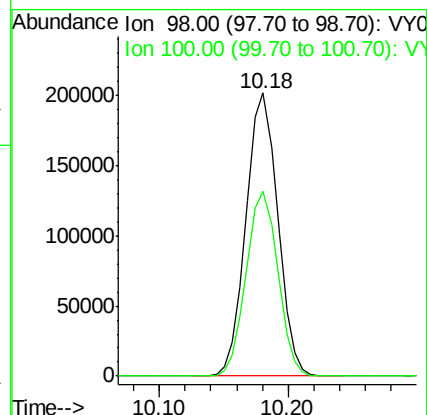
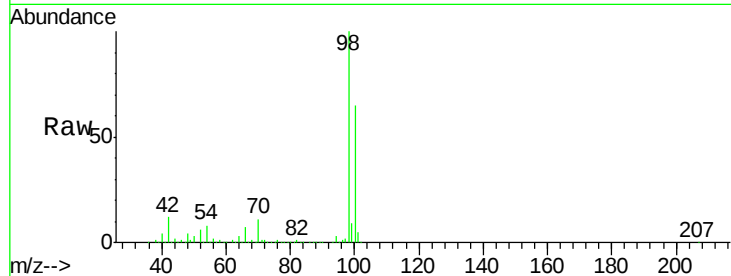
VNJ-230-218-211-216-242

Tot Ion: 98 Resp: 343935

Ion Ratio Lower Upper

98 100

100 65.2 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 51.572 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY001908.D

Acq: 09 Mar 2020 13:50

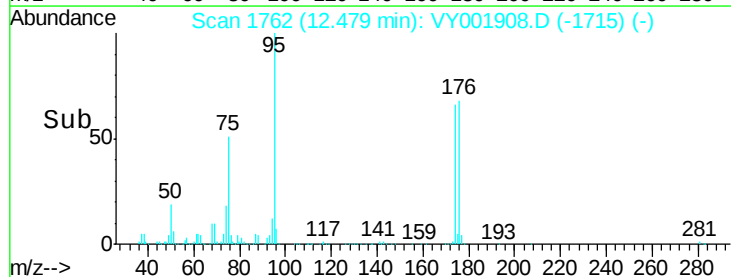
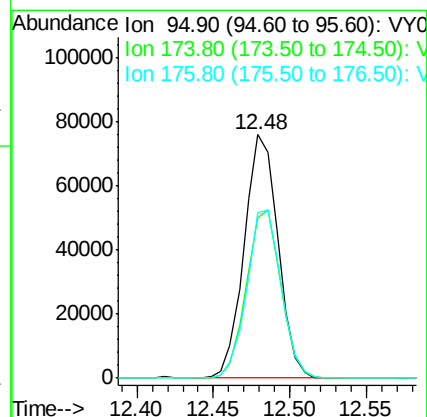
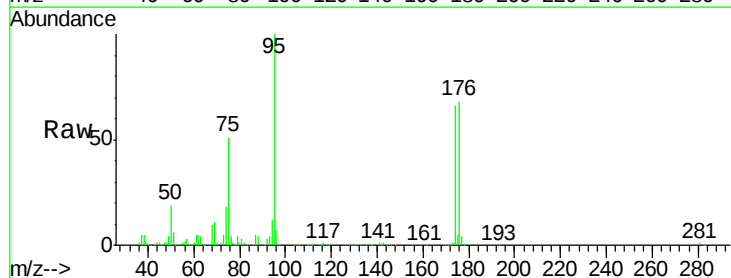
Tgt Ion: 95 Resp: 116904

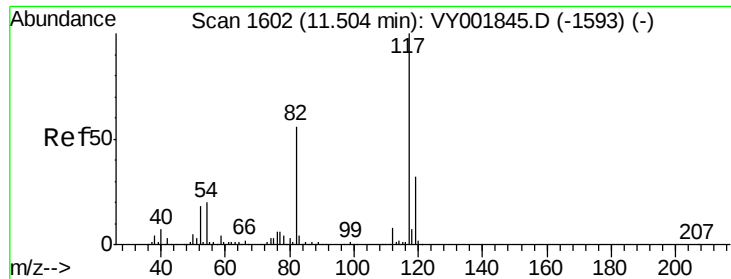
Ion Ratio Lower Upper

95 100

174 70.4 0.0 145.0

176 70.2 0.0 137.4

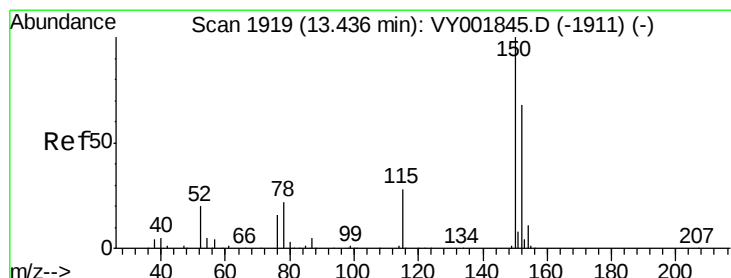
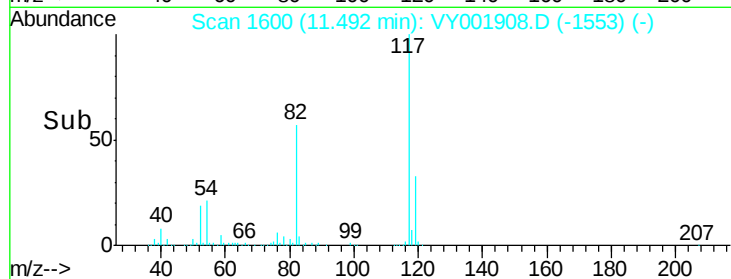
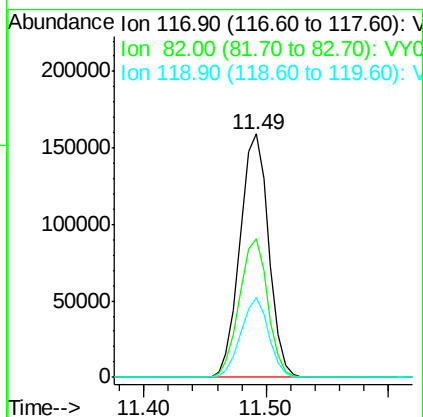
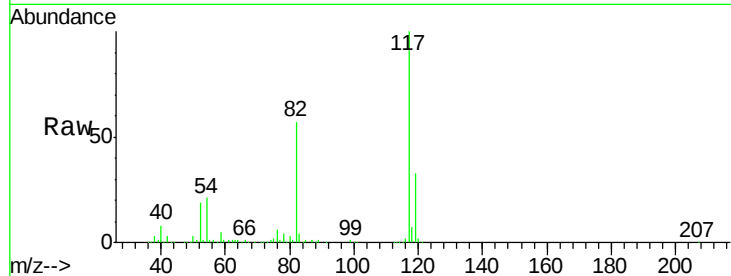




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001908.D
Acq: 09 Mar 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-230-218-211-216-242

Tot Ion:117 Resp: 258681
Ion Ratio Lower Upper
117 100
82 57.1 44.5 66.7
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001908.D
Acq: 09 Mar 2020 13:50

Tgt Ion:152 Resp: 114121
Ion Ratio Lower Upper
152 100
115 59.3 29.9 89.7
150 155.0 0.0 340.6

