

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030920\
 Data File : VY001909.D
 Acq On : 09 Mar 2020 14:12
 Operator : SY/MD
 Sample : L1849-03
 Misc : 6.12G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-215-72-12018

Quant Time: Mar 10 12:12:17 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

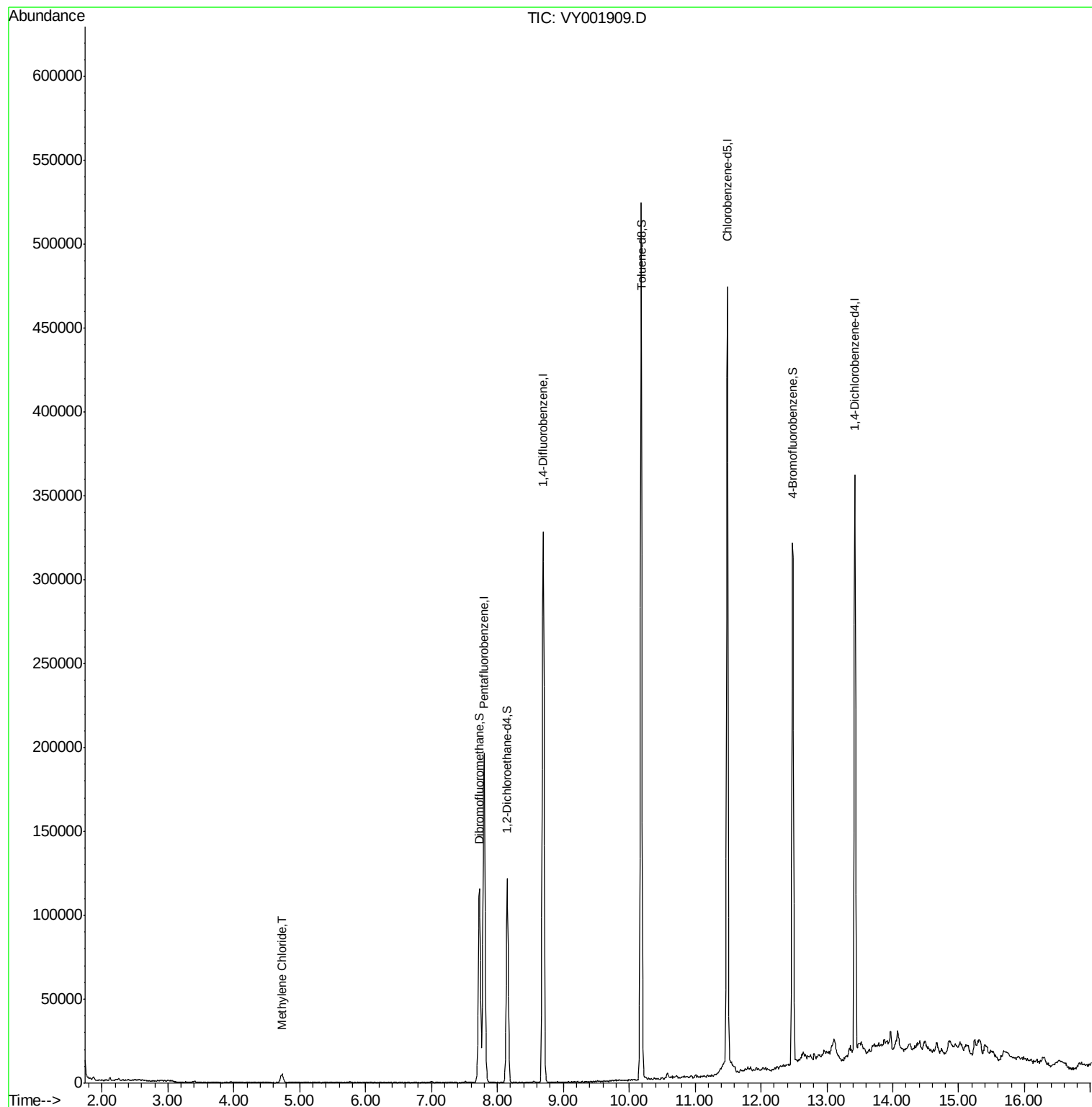
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	146454	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.69	114	278486	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.49	117	240927	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	82616	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	88937	56.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	113.76%	
35) Dibromofluoromethane	7.73	113	82859	54.49	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.98%	
50) Toluene-d8	10.18	98	335280	52.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.48	95	101511	45.53	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	91.06%	
Target Compounds						
20) Methylene Chloride	4.73	84	4048	2.074	ug/l	Qvalue 89

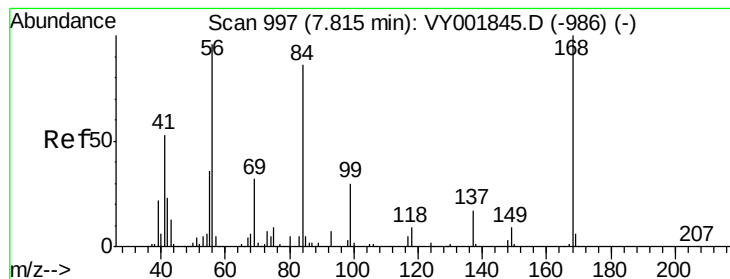
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001909.D

Acq: 09 Mar 2020 14:12

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ClientSampleId :

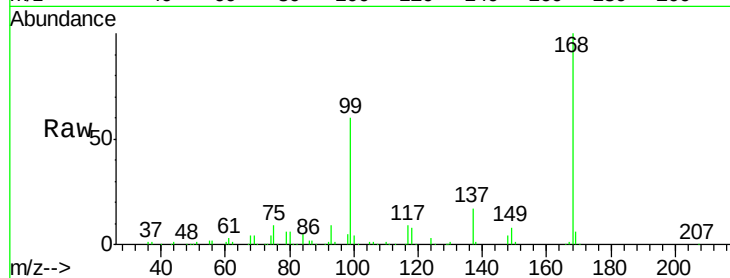
VNJ-215-72-12018

Tot Ion:168 Resp: 146454

Ion Ratio Lower Upper

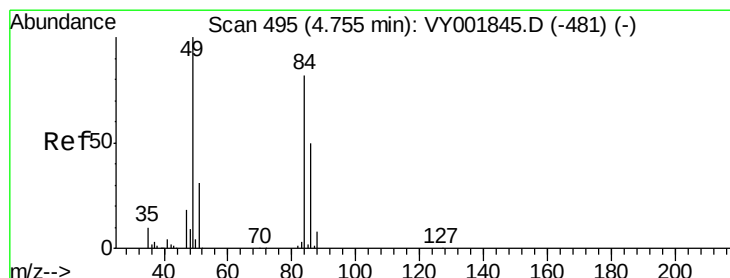
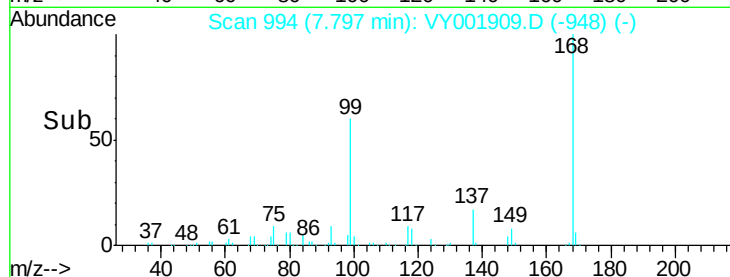
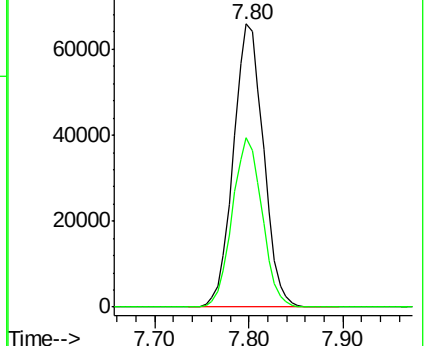
168 100

99 59.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0



#20

Methylene Chloride

Concen: 2.074 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.02 min

Lab File: VY001909.D

Acq: 09 Mar 2020 14:12

Tgt Ion: 84 Resp: 4048

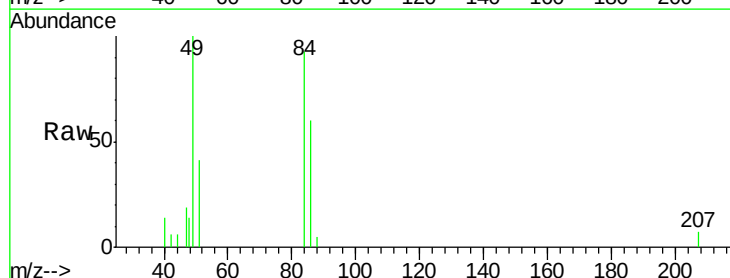
Ion Ratio Lower Upper

84 100

49 107.6 98.2 147.2

51 44.1 30.2 45.2

86 64.9 48.9 73.3

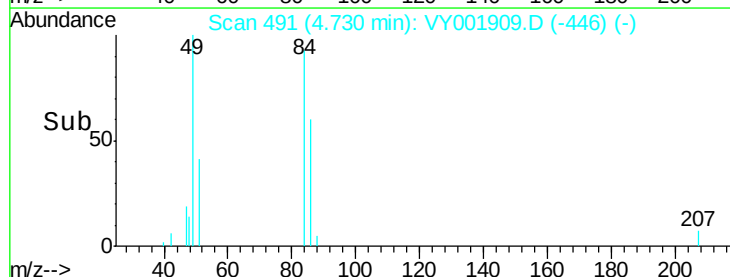
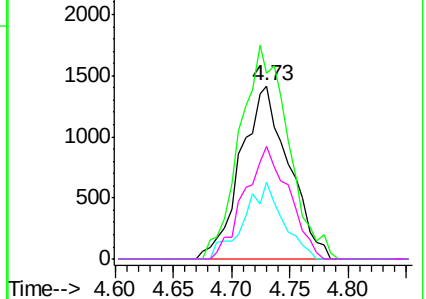


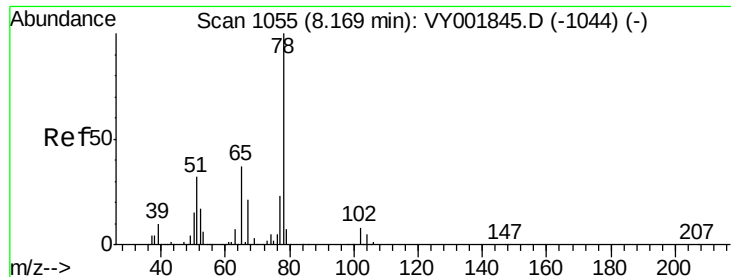
Abundance Ion 83.90 (83.60 to 84.60): VY0

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

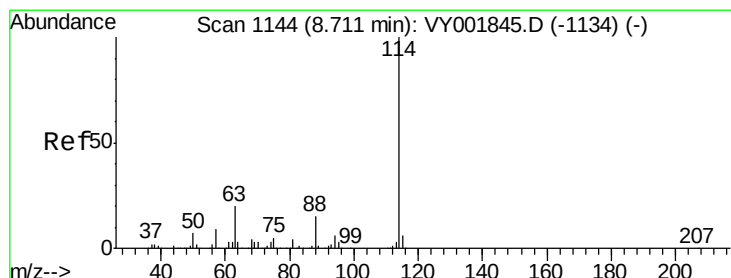
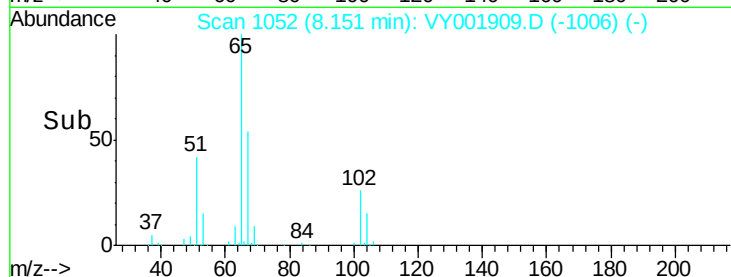
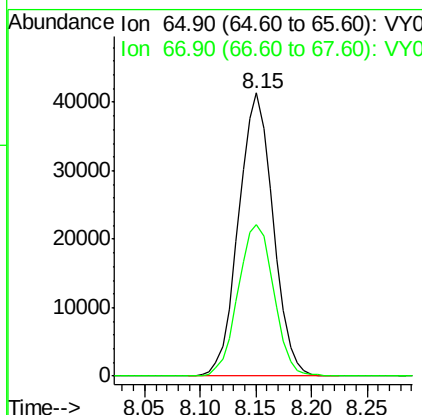
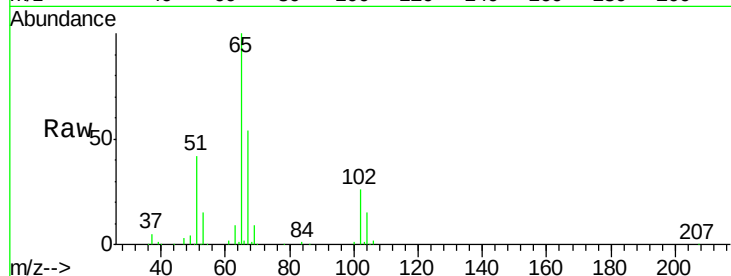




#33
 1,2-Dichloroethane-d4
 Concen: 56.884 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001909.D
 Acq: 09 Mar 2020 14:12

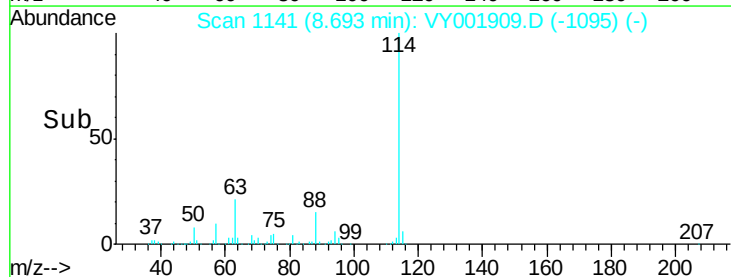
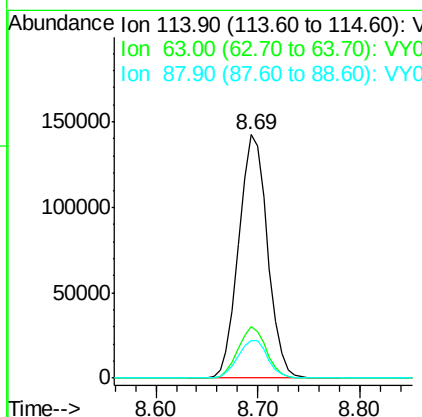
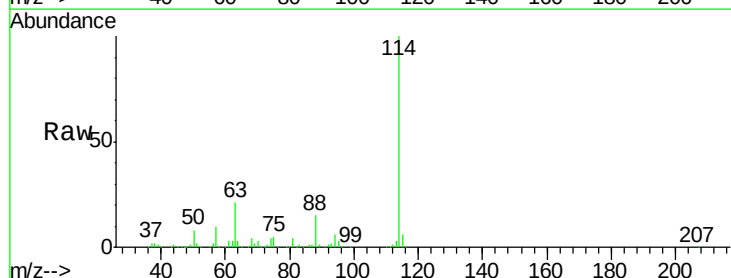
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-215-72-12018

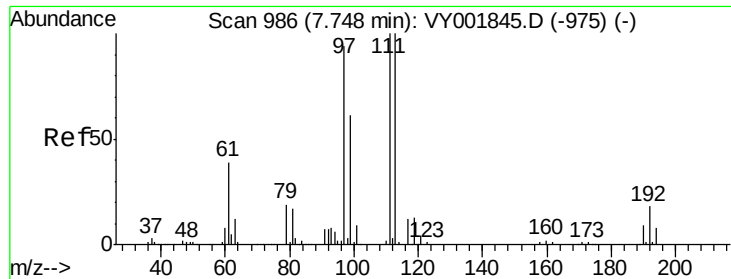
Tot Ion: 65 Resp: 88937
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: VY001909.D
 Acq: 09 Mar 2020 14:12

Tgt Ion: 114 Resp: 278486
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.4
 88 15.5 0.0 30.4

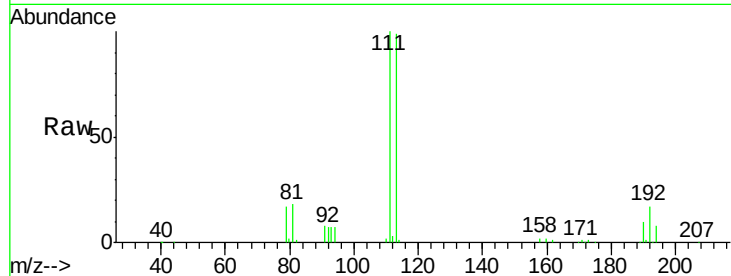




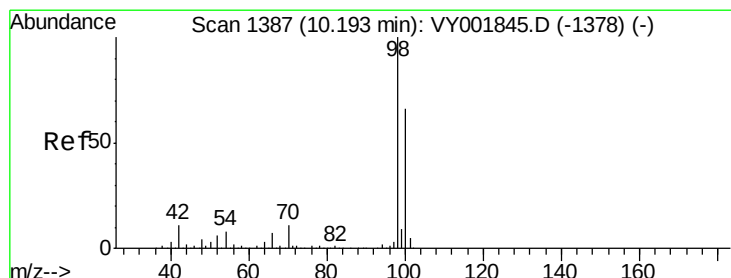
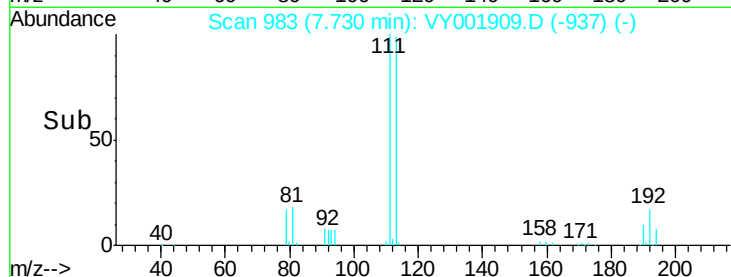
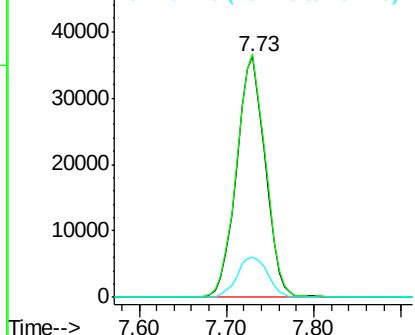
#35
 Dibromofluoromethane
 Concen: 54.489 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001909.D
 Acq: 09 Mar 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-215-72-12018

Tot Ion:113 Resp: 82859
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.8 122.8
 192 17.7 14.2 21.2

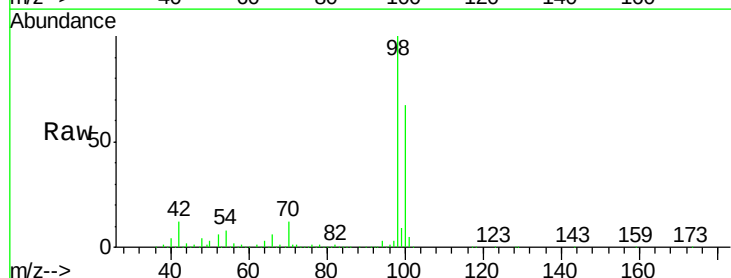


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

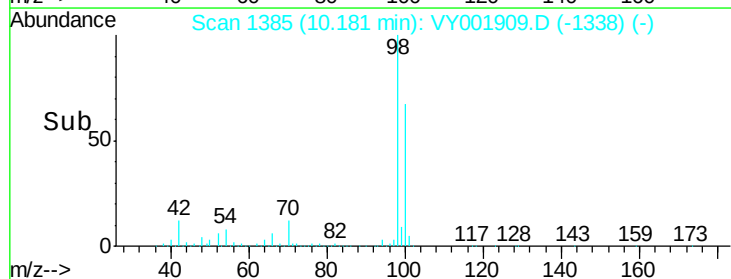
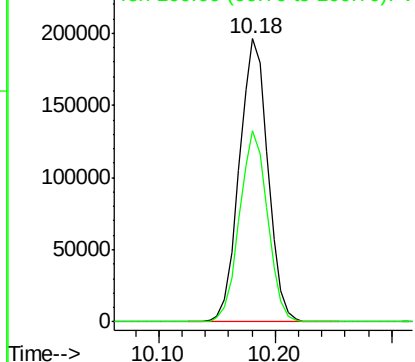


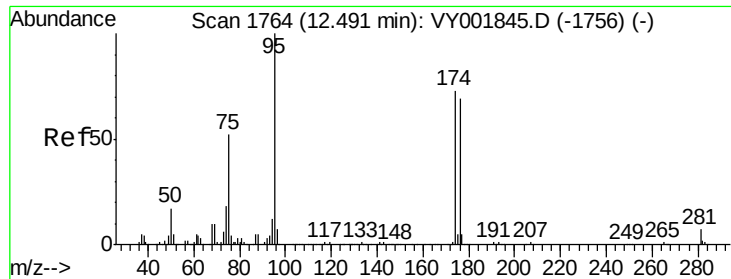
#50
 Toluene-d8
 Concen: 52.287 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY001909.D
 Acq: 09 Mar 2020 14:12

Tgt Ion: 98 Resp: 335280
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 45.528 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY001909.D

Acq: 09 Mar 2020 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-215-72-12018

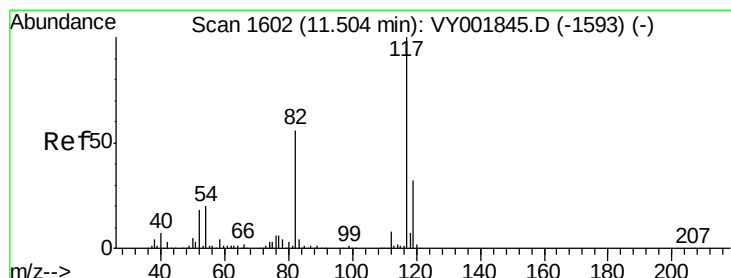
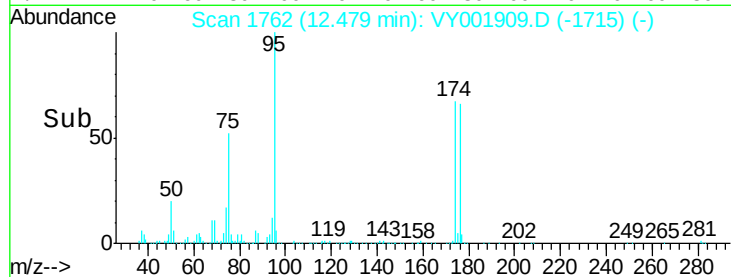
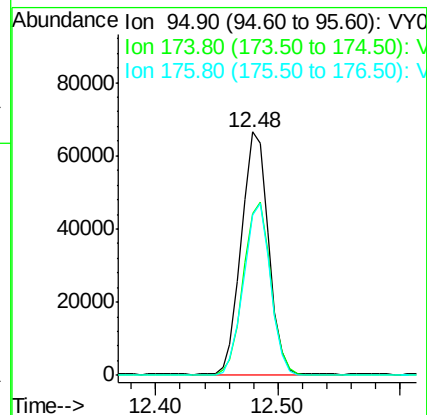
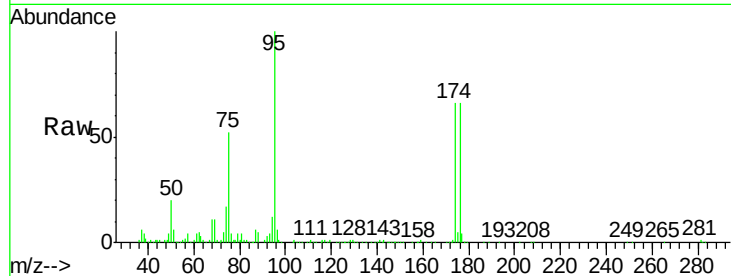
Tot Ion: 95 Resp: 101511

Ion Ratio Lower Upper

95 100

174 72.4 0.0 145.0

176 70.4 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: VY001909.D

Acq: 09 Mar 2020 14:12

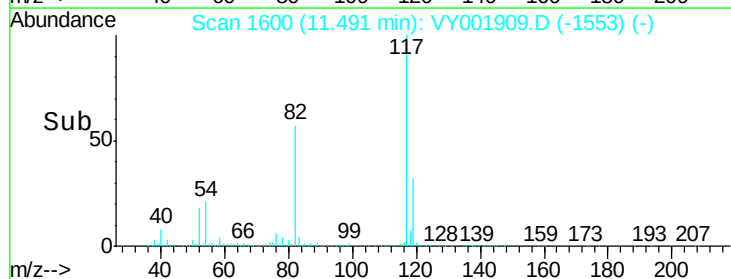
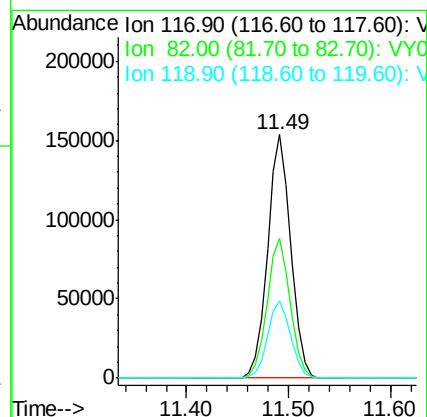
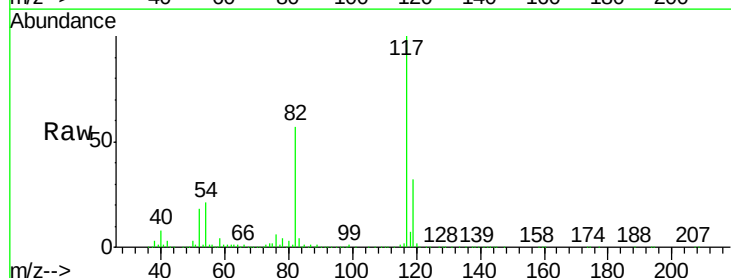
Tgt Ion: 117 Resp: 240927

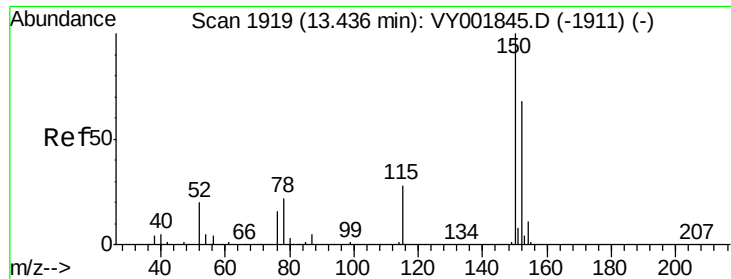
Ion Ratio Lower Upper

117 100

82 57.2 44.5 66.7

119 31.7 25.7 38.5



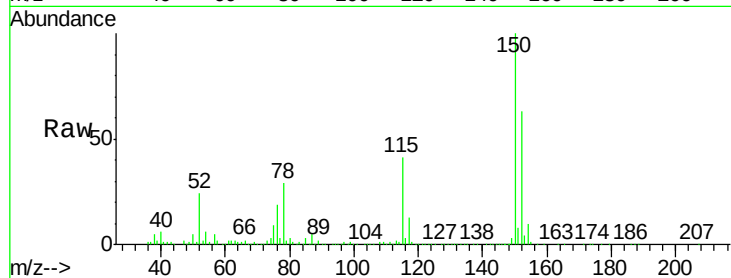


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: VY001909.D
 Acq: 09 Mar 2020 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-215-72-12018

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.1	29.9	89.7
150	159.6	0.0	340.6



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

