

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
 Data File : VN060092.D
 Acq On : 13 Feb 2020 14:14
 Operator : JC/MD
 Sample : PB126782ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126782ZHE#12

Quant Time: Feb 14 05:50:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

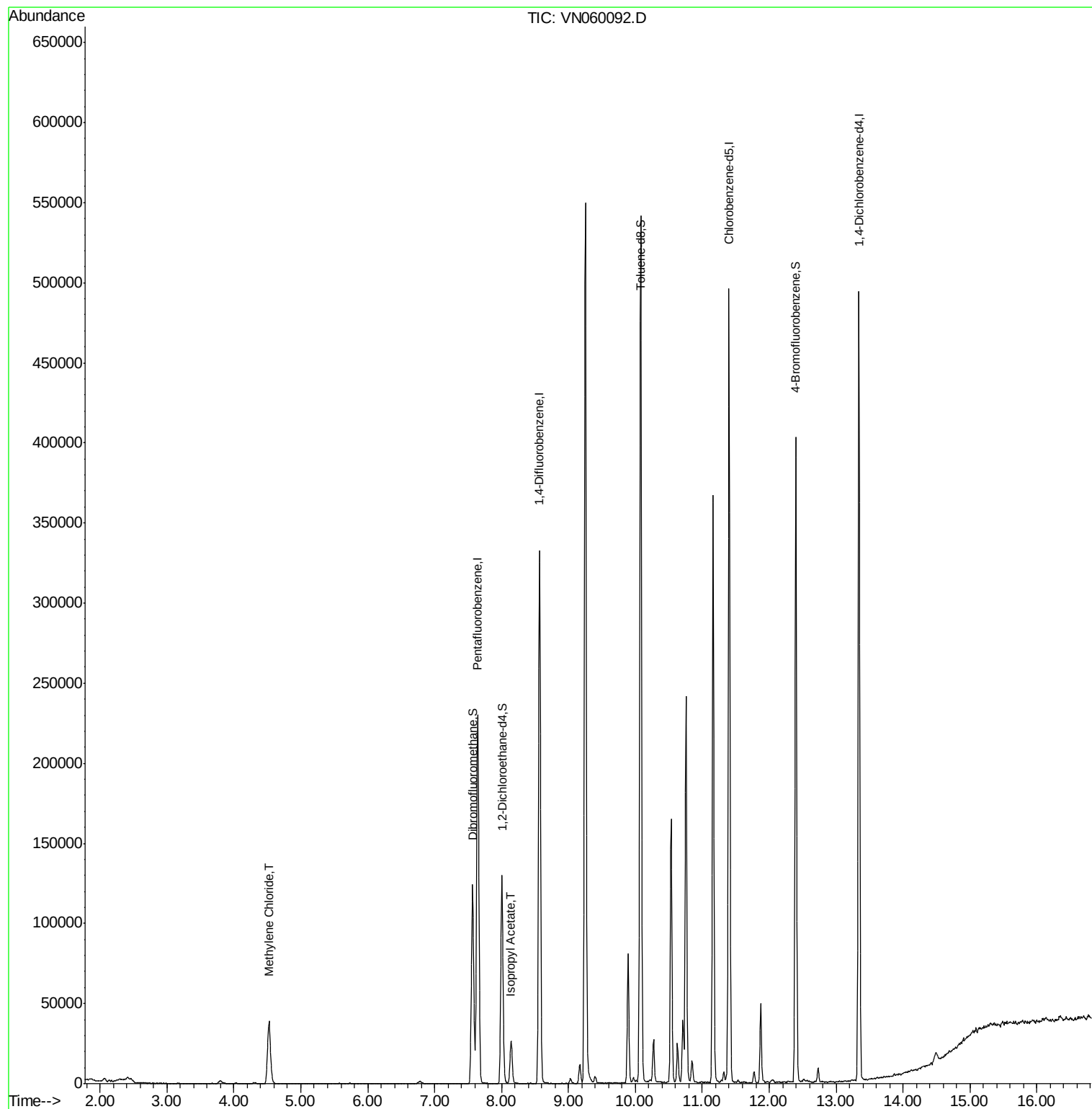
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	305822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	131242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	112835	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
35) Dibromofluoromethane	7.57	113	93328	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	10.08	98	369853	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.40	95	133904	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
Target Compounds						
20) Methylene Chloride	4.52	84	30902	14.947	ug/l	98
43) Isopropyl Acetate	8.14	43	32551	7.438	ug/l #	90

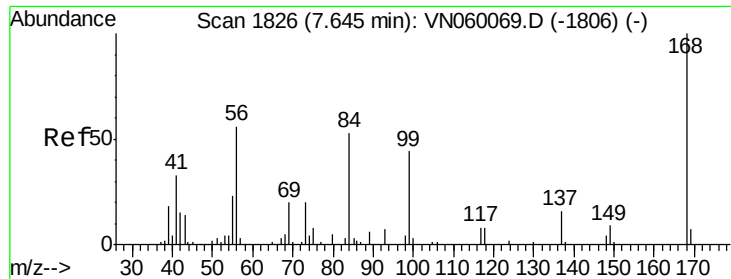
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060092.D

Acq: 13 Feb 2020 14:14

Instrument :

MSVOA_N

ClientSampleId :

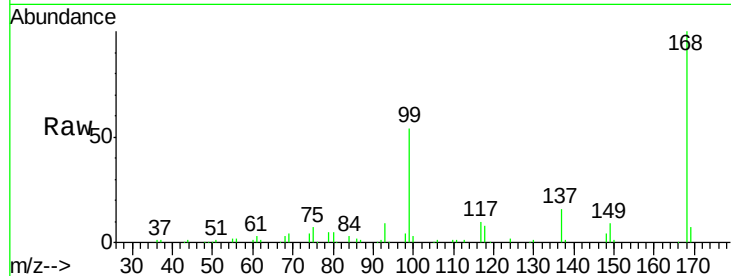
PB126782ZHE#12

Tot Ion:168 Resp: 195232

Ion Ratio Lower Upper

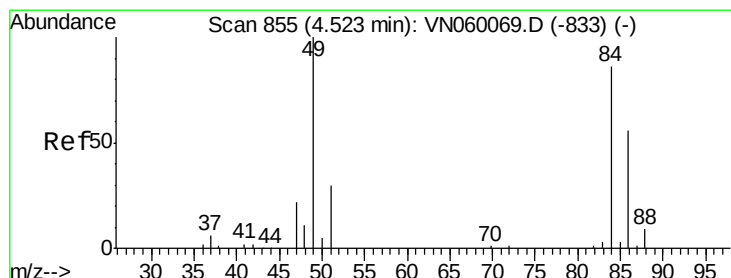
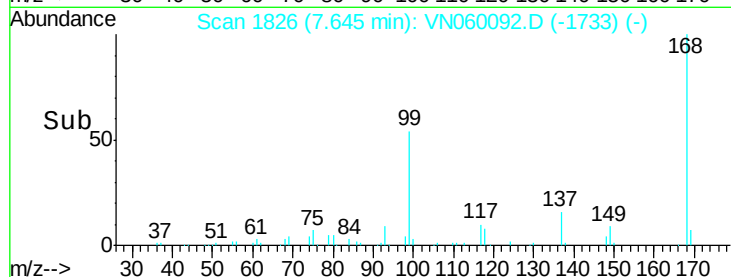
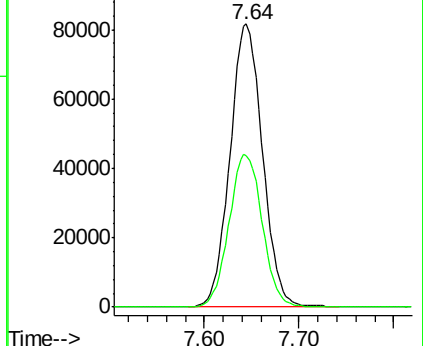
168 100

99 53.5 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 14.947 ug/l

RT: 4.52 min Scan# 855

Delta R.T. 0.00 min

Lab File: VN060092.D

Acq: 13 Feb 2020 14:14

Tgt Ion: 84 Resp: 30902

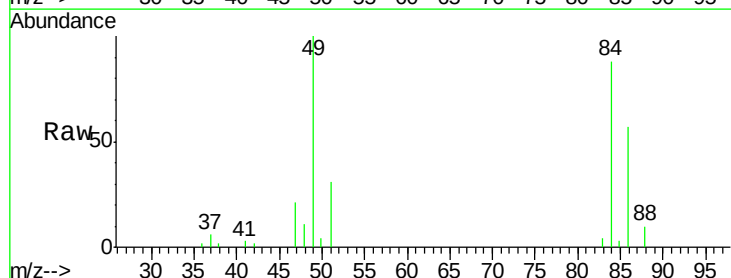
Ion Ratio Lower Upper

84 100

49 113.9 93.4 140.0

51 35.2 28.4 42.6

86 64.6 52.5 78.7

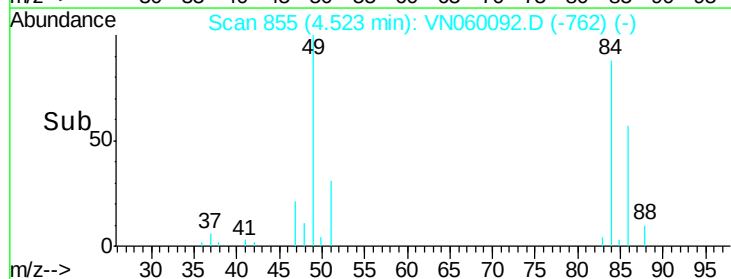
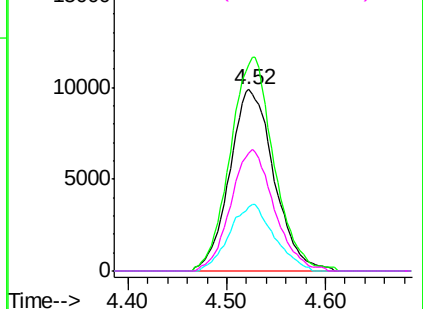


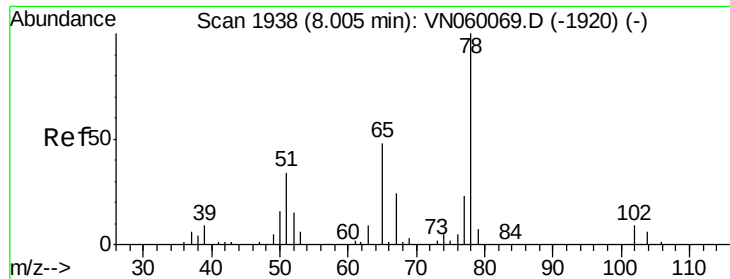
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

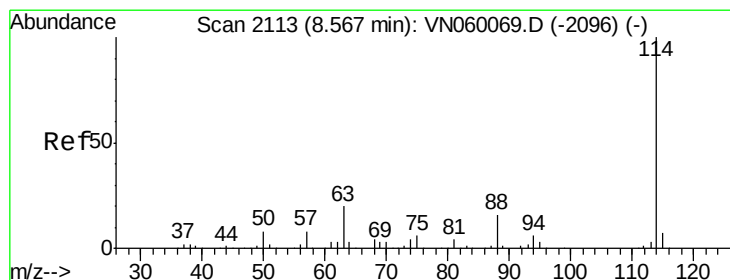
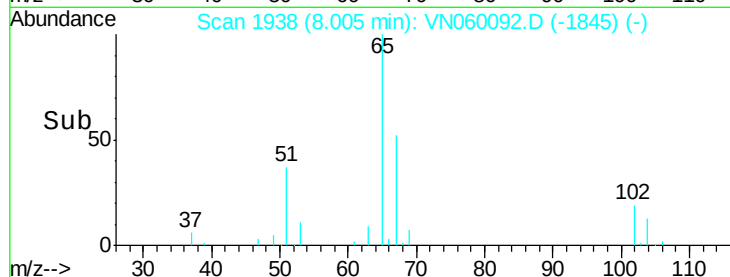
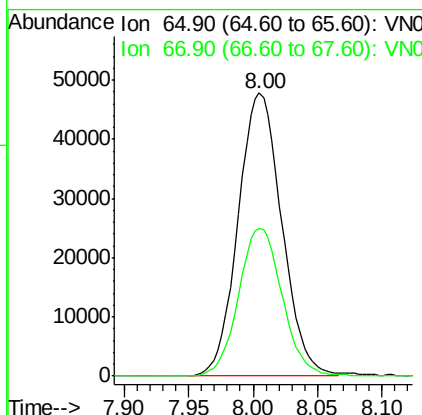
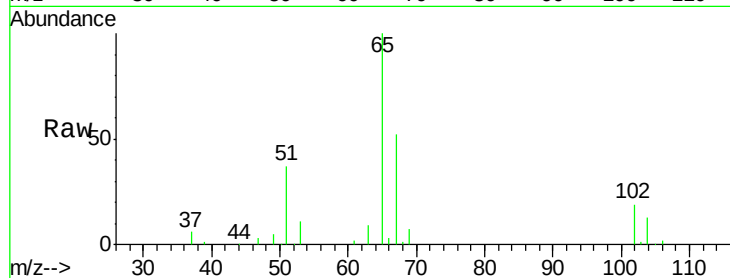




#33
 1,2-Dichloroethane-d4
 Concen: 47.497 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060092.D
 Acq: 13 Feb 2020 14:14

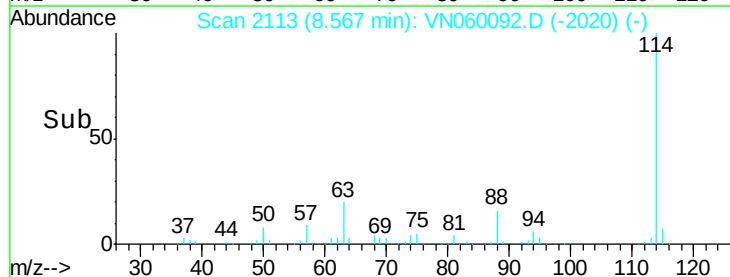
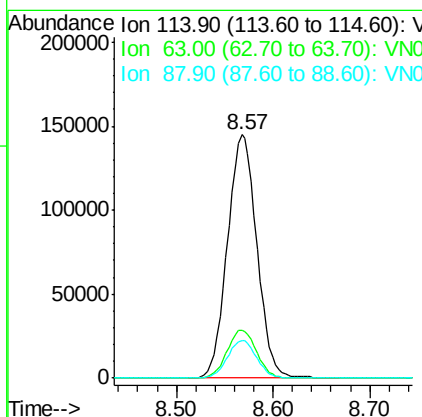
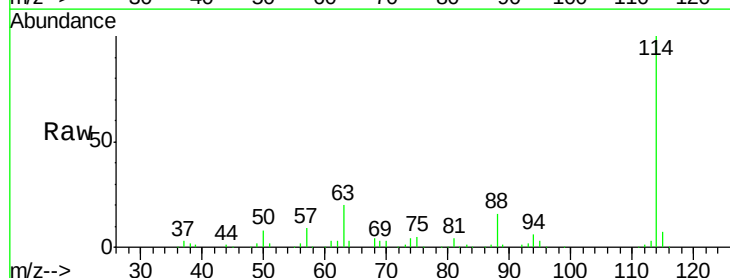
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126782ZHE#12

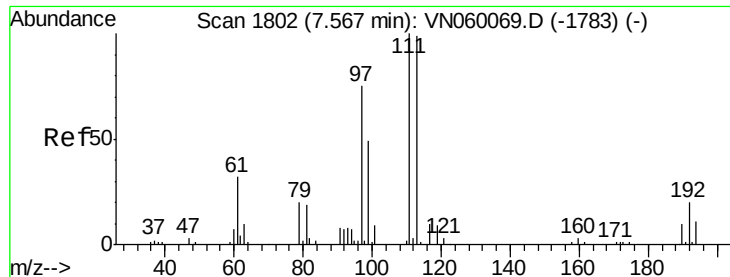
Tot Ion: 65 Resp: 112835
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060092.D
 Acq: 13 Feb 2020 14:14

Tgt Ion: 114 Resp: 305822
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.6 0.0 31.6

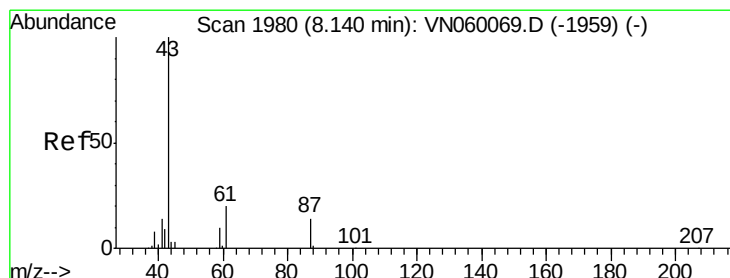
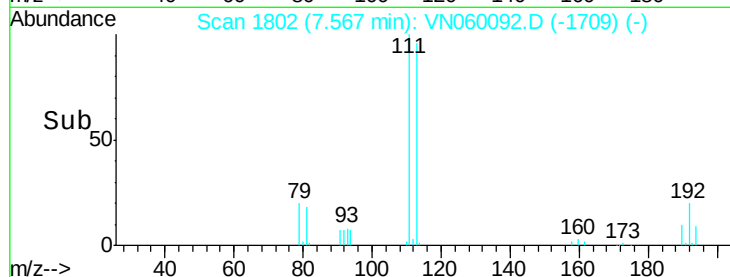
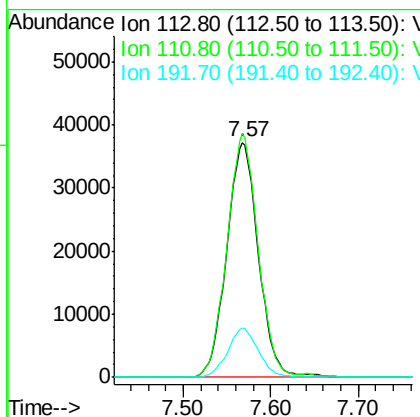
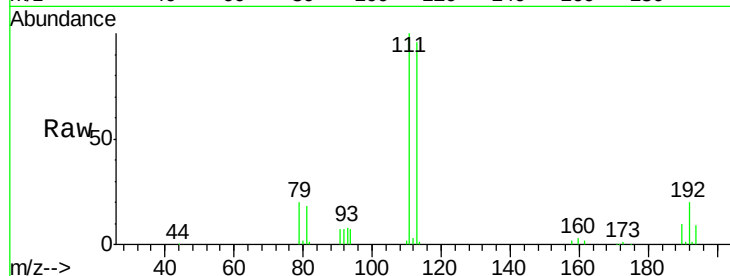




#35
 Dibromofluoromethane
 Concen: 49.645 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060092.D
 Acq: 13 Feb 2020 14:14

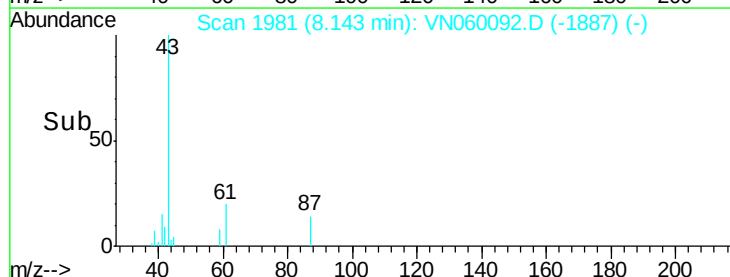
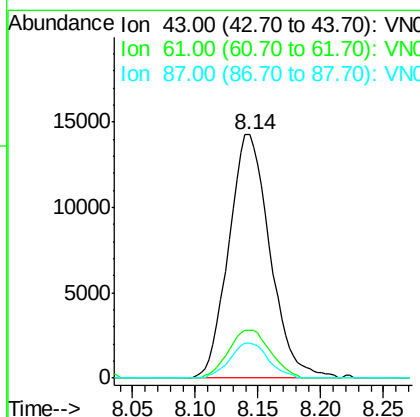
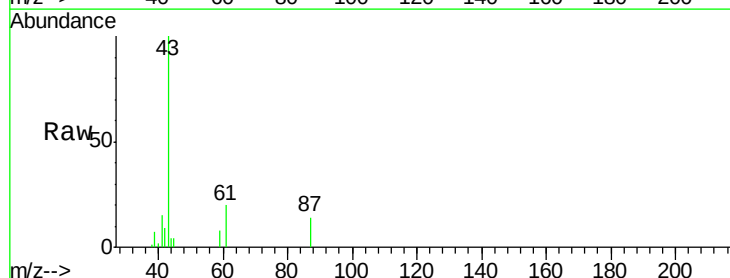
Instrument :
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 ClientSampleId :
 PB126782ZHE#12

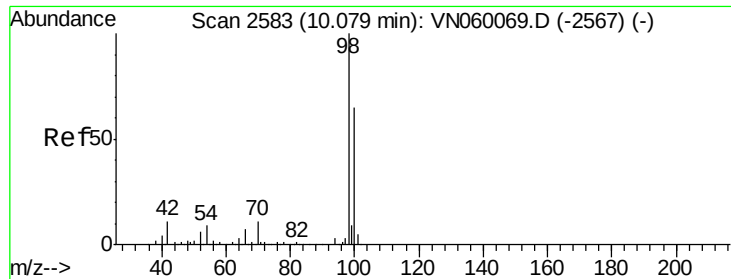
Tot Ion:113 Resp: 93328
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.2
 192 20.3 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 7.438 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060092.D
 Acq: 13 Feb 2020 14:14

Tgt Ion: 43 Resp: 32551
 Ion Ratio Lower Upper
 43 100
 61 20.1 21.8 32.6#
 87 13.5 11.4 17.2

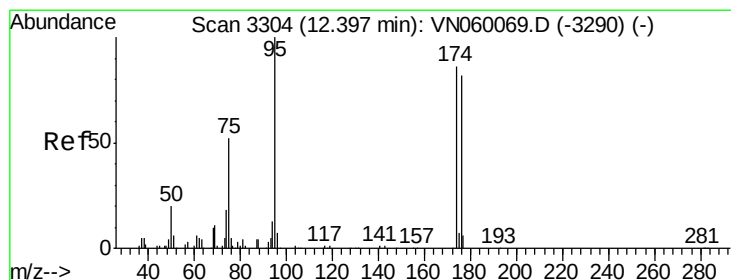
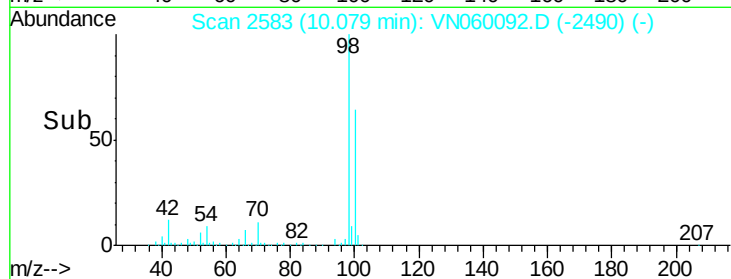
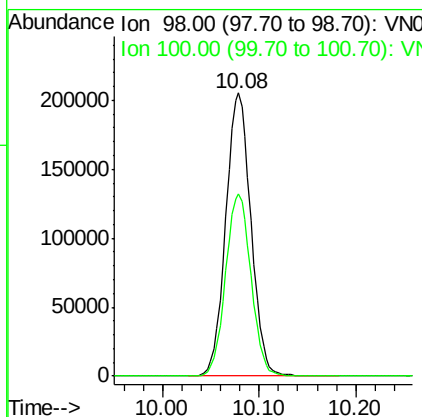
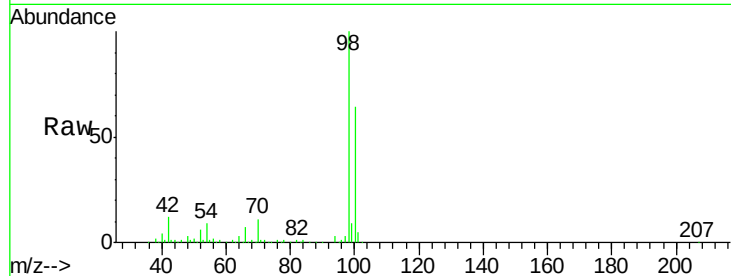




#50
Toluene-d8
Concen: 49.961 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060092.D
Acq: 13 Feb 2020 14:14

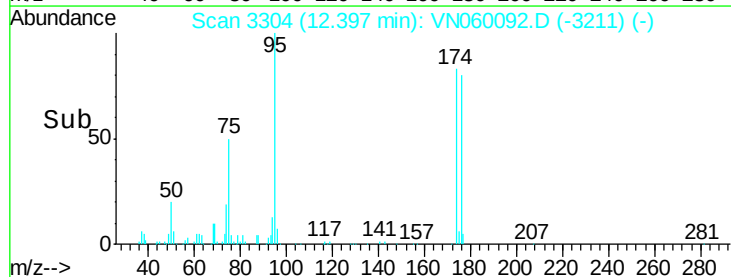
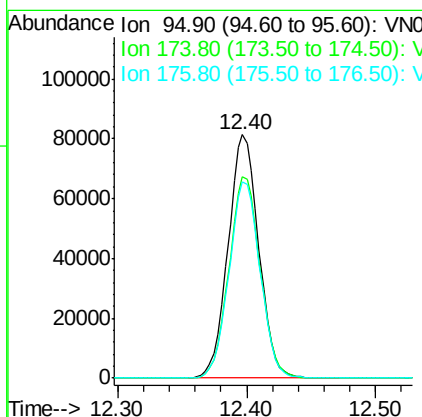
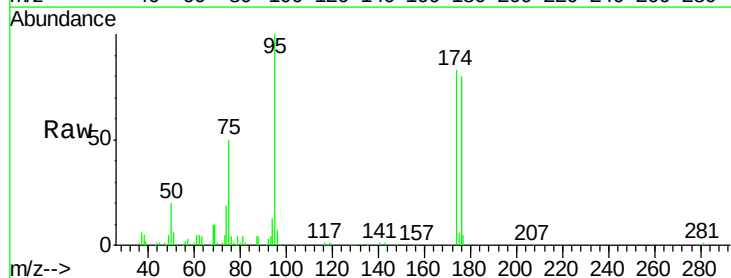
Instrument :
MSVOA_N
ClientSampleId :
PB126782ZHE#12

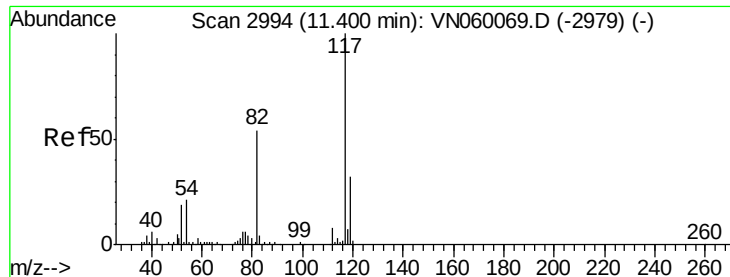
Tot Ion: 98 Resp: 369853
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 49.225 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060092.D
Acq: 13 Feb 2020 14:14

Tgt Ion: 95 Resp: 133904
Ion Ratio Lower Upper
95 100
174 84.2 0.0 169.8
176 81.8 0.0 164.8

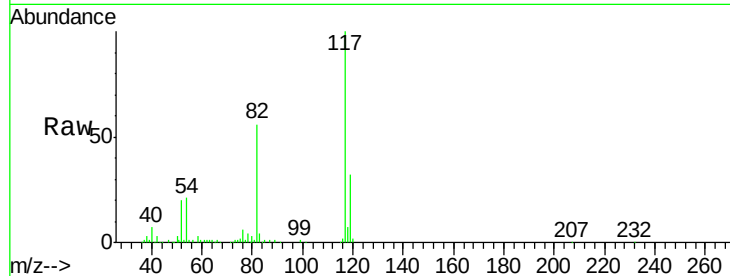




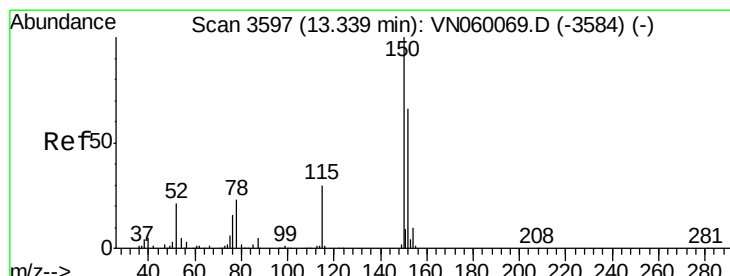
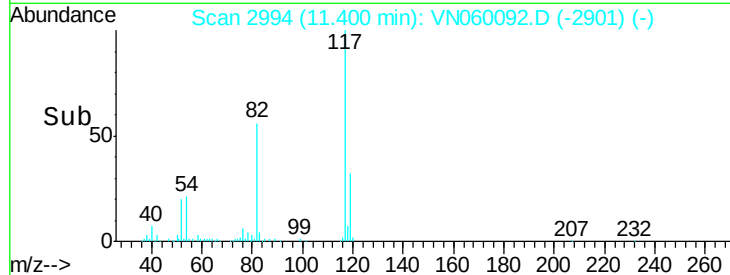
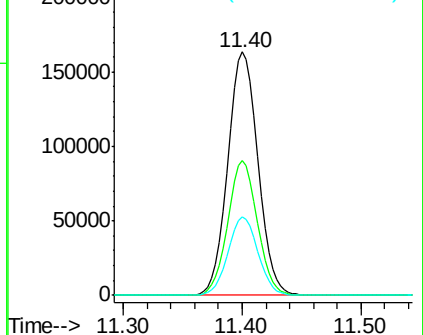
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060092.D
Acq: 13 Feb 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
PB126782ZHE#12

Tot Ion:117 Resp: 287179
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 32.1 25.8 38.6

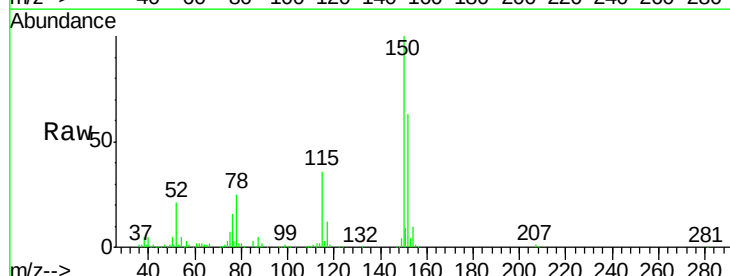


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060092.D
Acq: 13 Feb 2020 14:14

Tgt Ion:152 Resp: 131242
Ion Ratio Lower Upper
152 100
115 58.3 28.9 86.8
150 158.3 0.0 342.4



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

