

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
 Data File : VN060094.D
 Acq On : 13 Feb 2020 14:59
 Operator : JC/MD
 Sample : PB126782ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126782ZHE#14

Quant Time: Feb 14 06:06:22 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

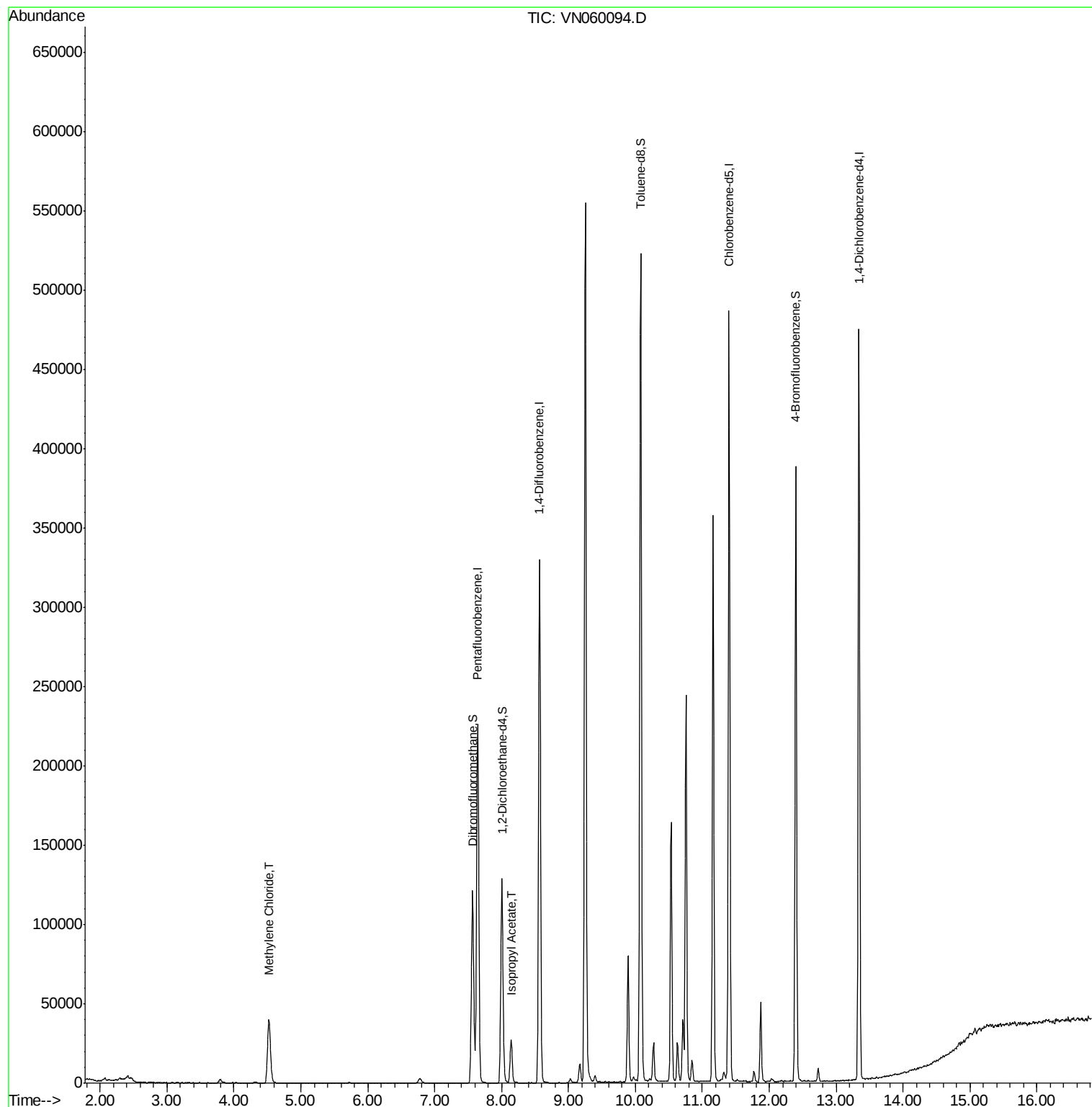
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	300091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	280717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127452	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	111938	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
35) Dibromofluoromethane	7.57	113	90999	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
50) Toluene-d8	10.08	98	364573	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	129672	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
Target Compounds						
20) Methylene Chloride	4.52	84	31851	15.838	ug/l	98
43) Isopropyl Acetate	8.14	43	32231	7.506	ug/l #	90

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

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Quant Title : SW846 8260
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: VN060094.D

Acq: 13 Feb 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

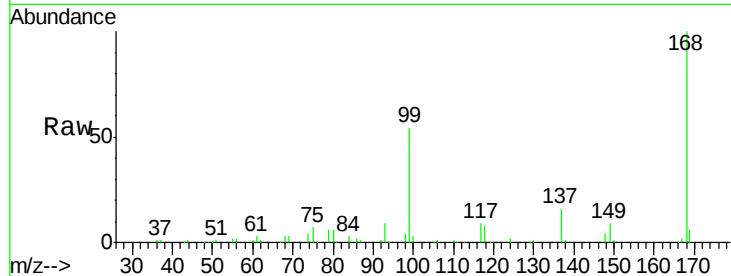
PB126782ZHE#14

Tot Ion:168 Resp: 189912

Ion Ratio Lower Upper

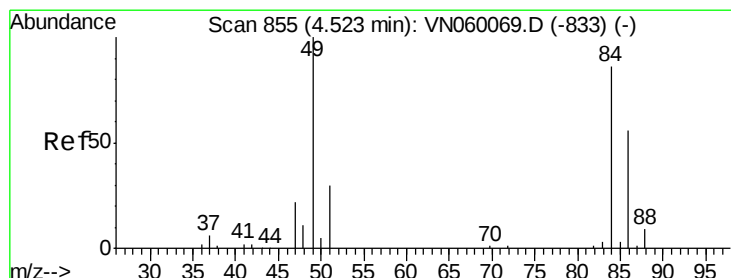
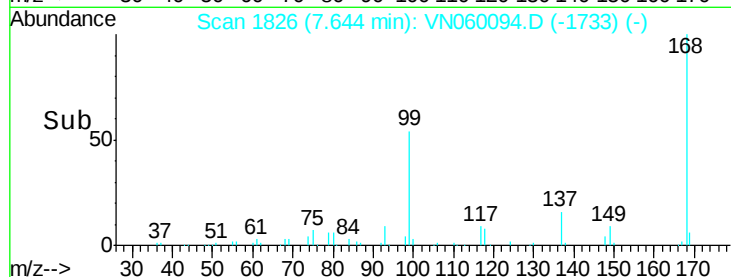
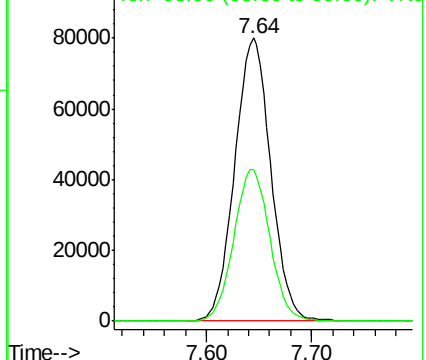
168 100

99 53.7 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: 15.838 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060094.D

Acq: 13 Feb 2020 14:59

Tgt Ion: 84 Resp: 31851

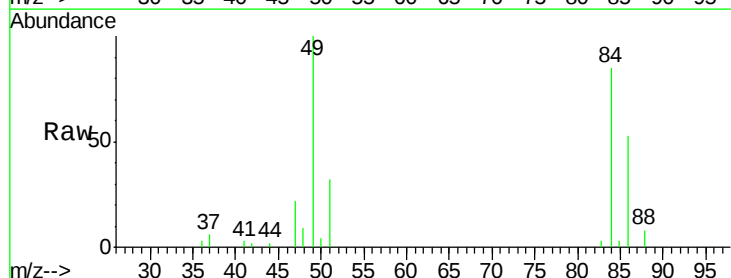
Ion Ratio Lower Upper

84 100

49 117.9 93.4 140.0

51 37.9 28.4 42.6

86 62.9 52.5 78.7

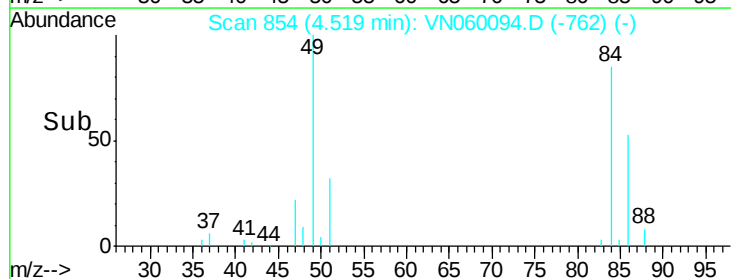
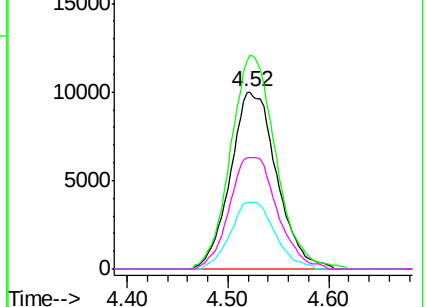


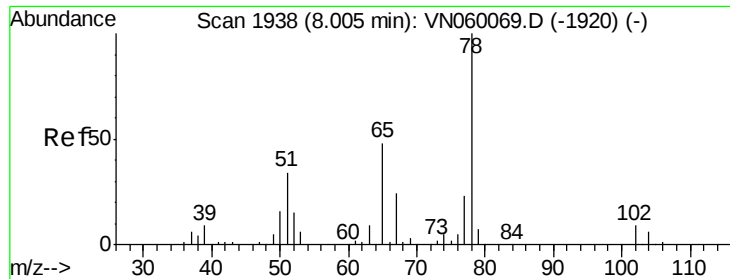
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

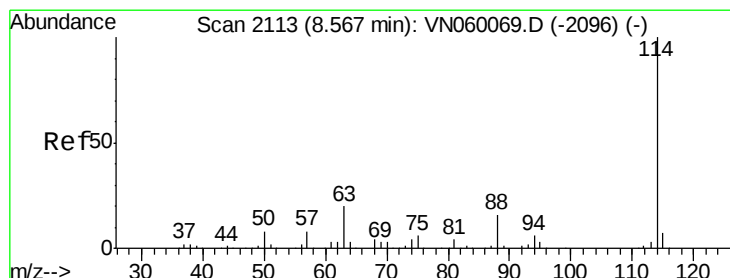
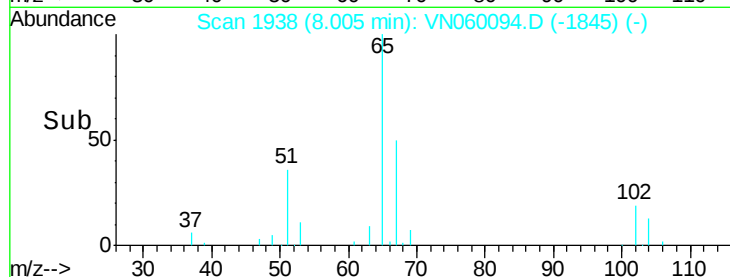
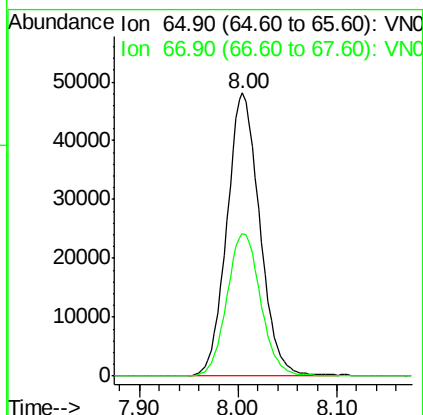
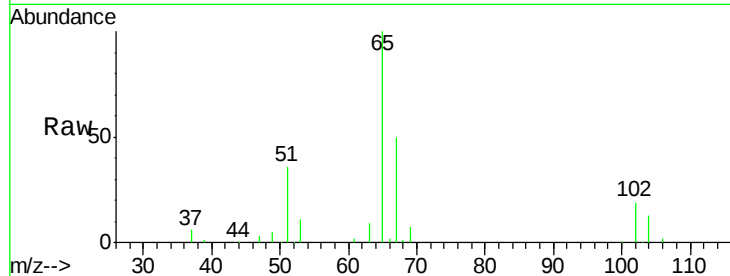




#33
 1,2-Dichloroethane-d4
 Concen: 48.439 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060094.D
 Acq: 13 Feb 2020 14:59

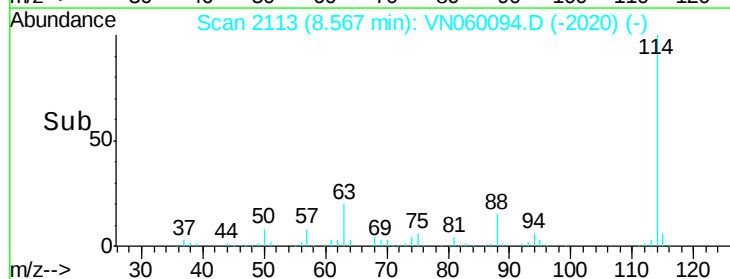
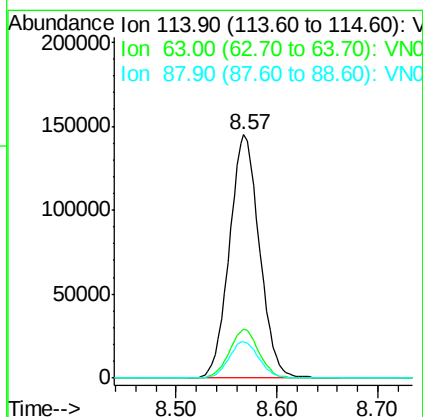
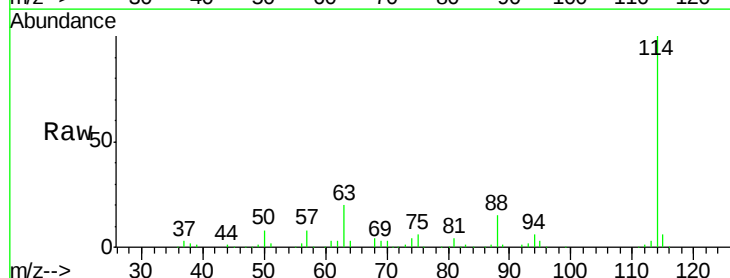
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126782ZHE#14

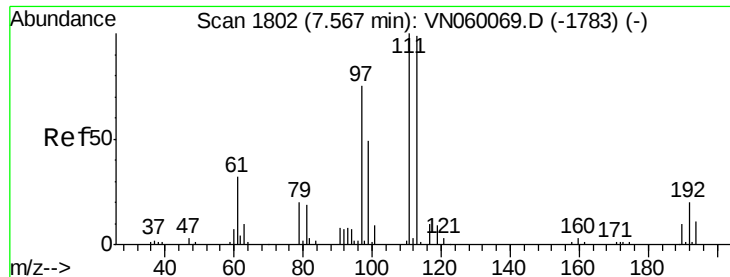
Tot Ion: 65 Resp: 111938
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060094.D
 Acq: 13 Feb 2020 14:59

Tgt Ion: 114 Resp: 300091
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 15.1 0.0 31.6

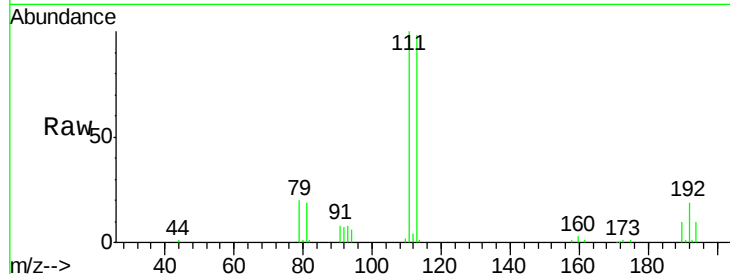




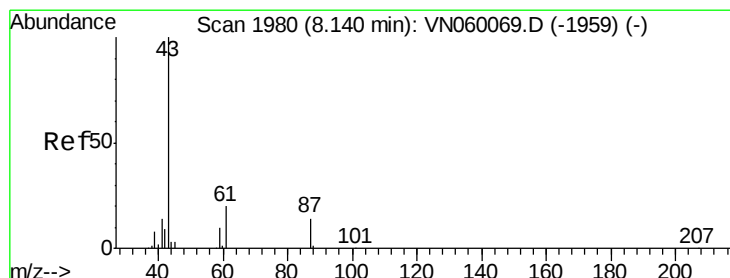
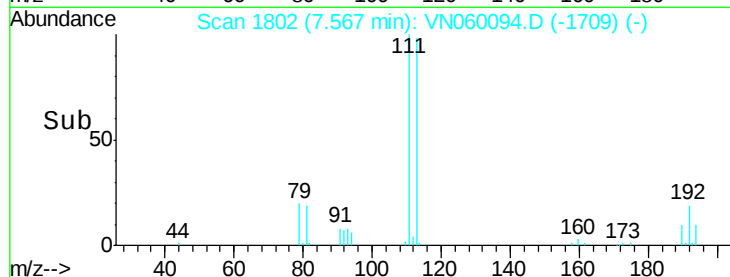
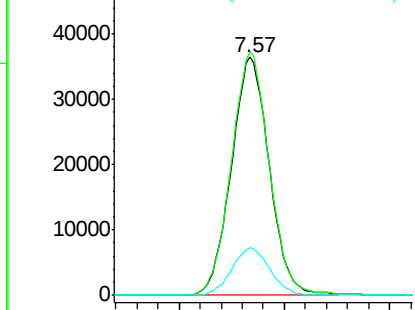
#35
 Dibromofluoromethane
 Concen: 49.331 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060094.D
 Acq: 13 Feb 2020 14:59

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126782ZHE#14

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.2
192	19.9	16.2	24.2

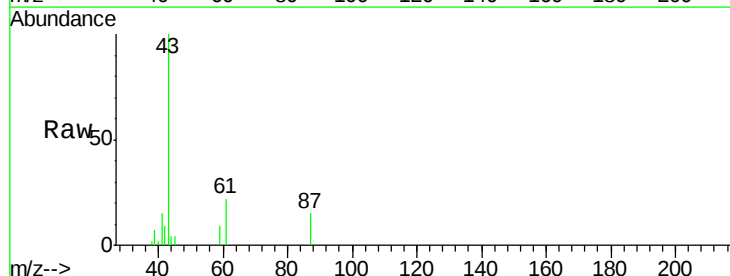


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

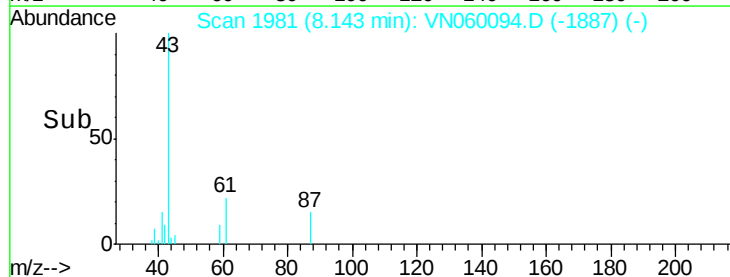
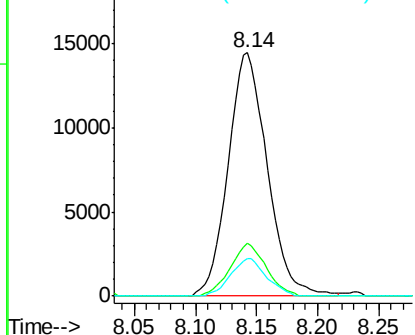


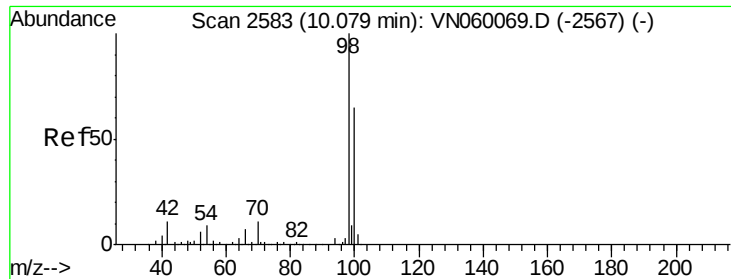
#43
 Isopropyl Acetate
 Concen: 7.506 ug/l
 RT: 8.14 min Scan# 1881
 Delta R.T. 0.00 min
 Lab File: VN060094.D
 Acq: 13 Feb 2020 14:59

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.9	21.8	32.6#
87	14.0	11.4	17.2



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.188 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060094.D

Acq: 13 Feb 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

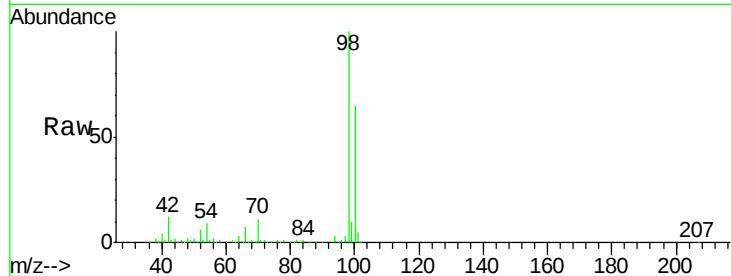
PB126782ZHE#14

Tot Ion: 98 Resp: 364573

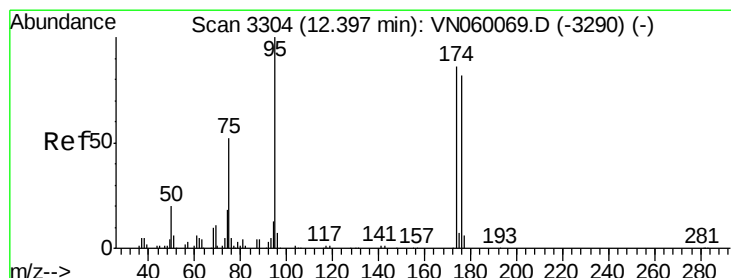
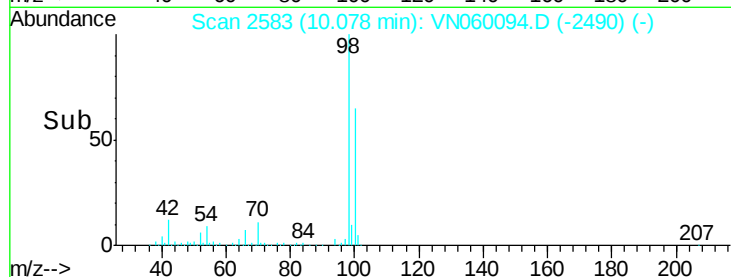
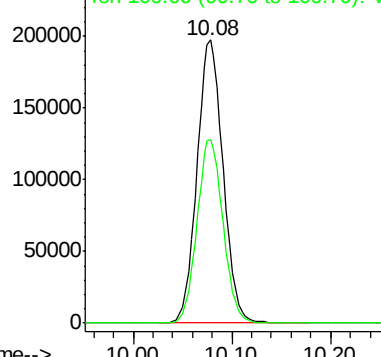
Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 48.580 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060094.D

Acq: 13 Feb 2020 14:59

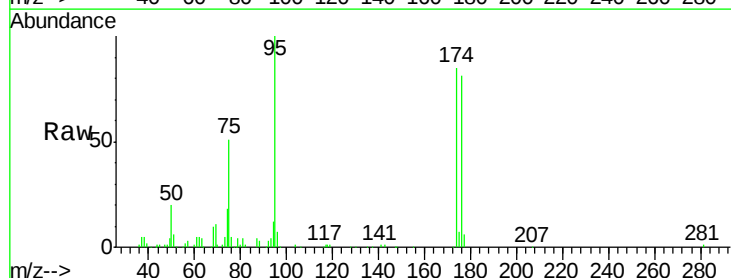
Tgt Ion: 95 Resp: 129672

Ion Ratio Lower Upper

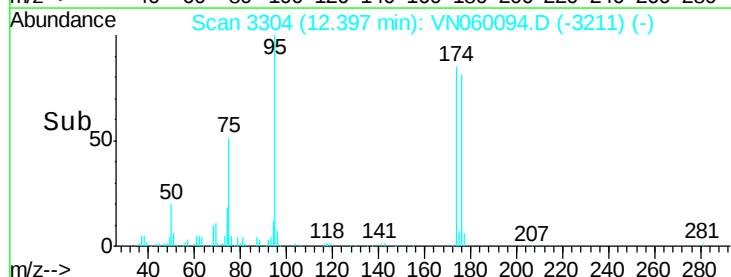
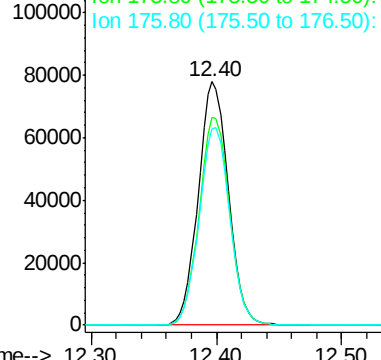
95 100

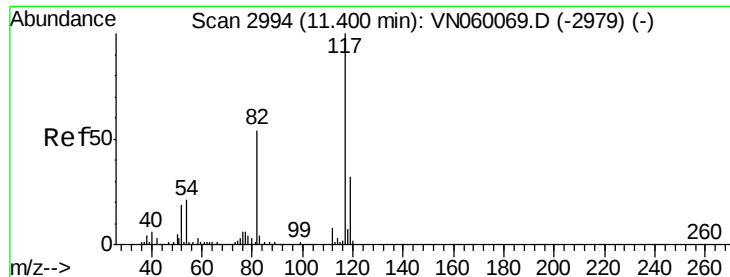
174 86.4 0.0 169.8

176 82.6 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060069.D (-3290) (-)

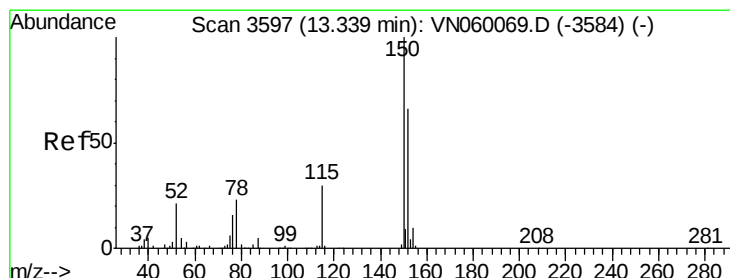
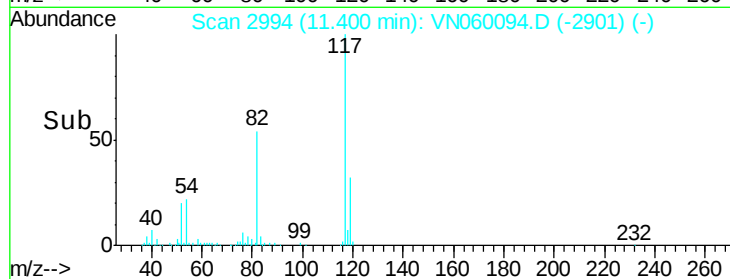
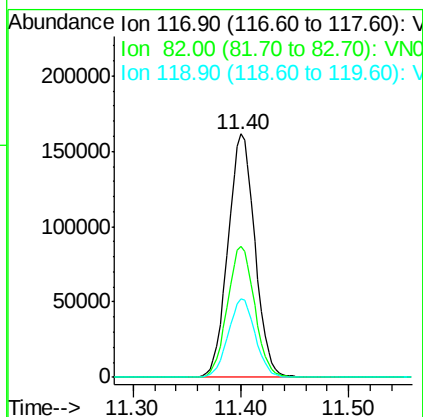
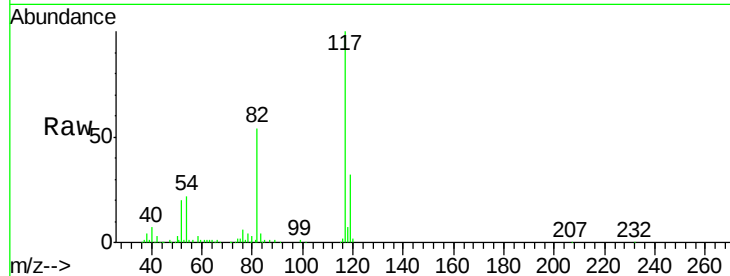




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060094.D
Acq: 13 Feb 2020 14:59

Instrument :
MSVOA_N
ClientSampleId :
PB126782ZHE#14

Tot Ion:117 Resp: 280717
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060094.D
Acq: 13 Feb 2020 14:59

Tgt Ion:152 Resp: 127452
Ion Ratio Lower Upper
152 100
115 58.1 28.9 86.8
150 156.5 0.0 342.4

