

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021320\
 Data File : VN060093.D
 Acq On : 13 Feb 2020 14:36
 Operator : JC/MD
 Sample : PB126782ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126782ZHE#13

Quant Time: Feb 14 05:52:03 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

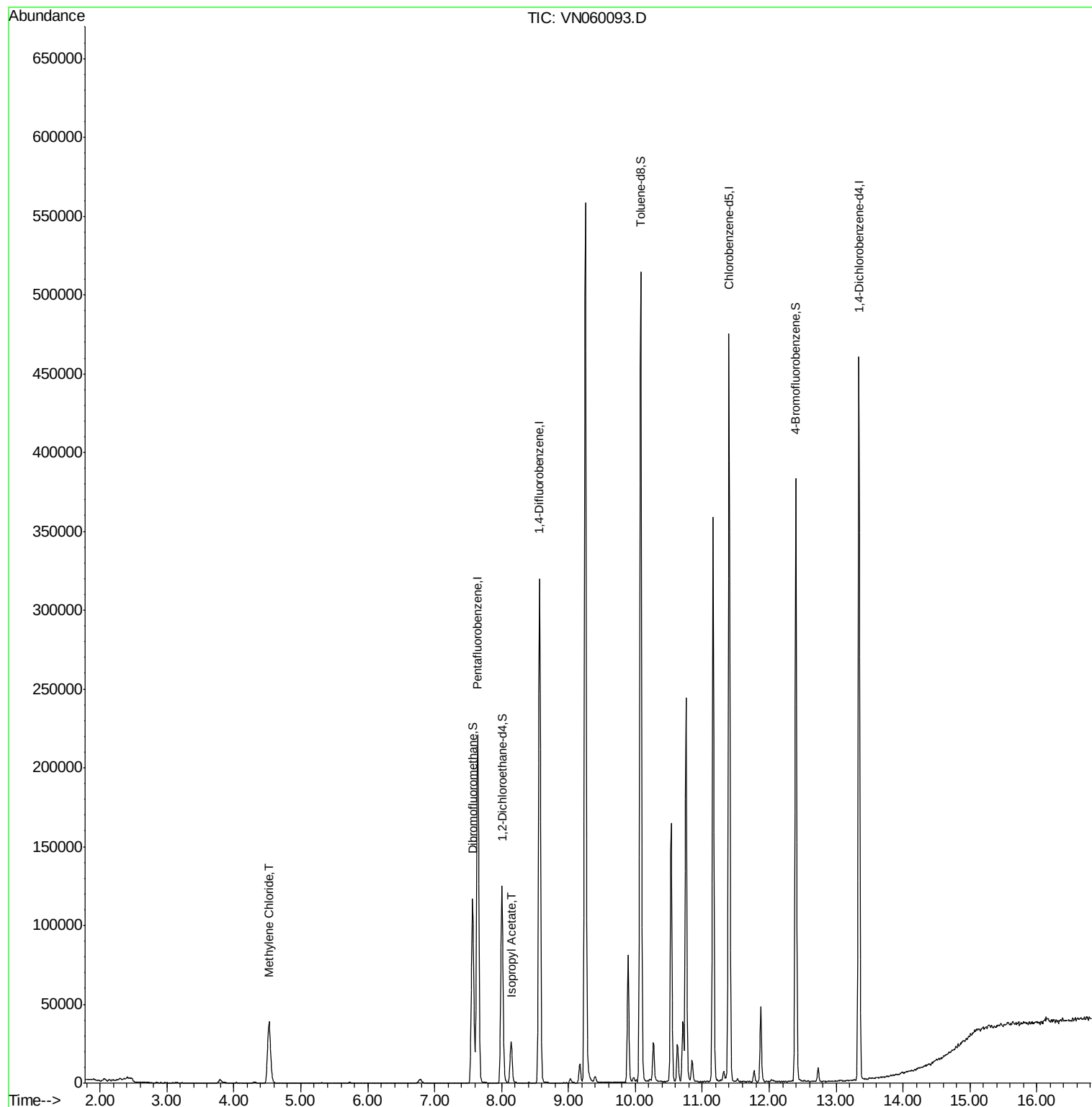
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	186079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	292937	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	274627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125896	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	110120	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	7.57	113	90198	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.08	98	355915	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	127653	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
Target Compounds						
20) Methylene Chloride	4.53	84	31123	15.795	ug/l	98
43) Isopropyl Acetate	8.14	43	32147	7.669	ug/l #	89

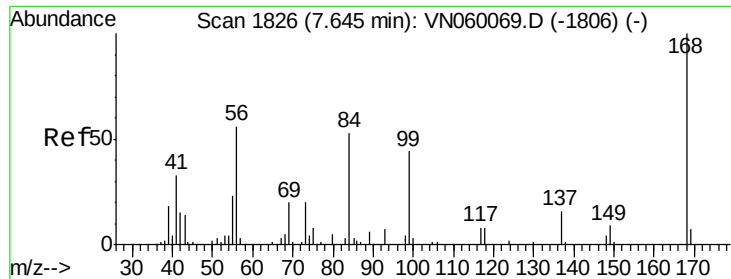
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060093.D

Acq: 13 Feb 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

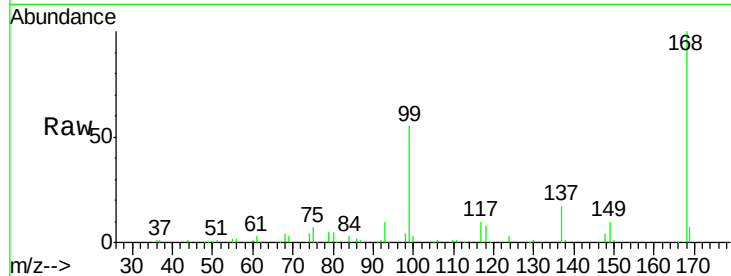
PB126782ZHE#13

Tot Ion:168 Resp: 186079

Ion Ratio Lower Upper

168 100

99 55.3 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

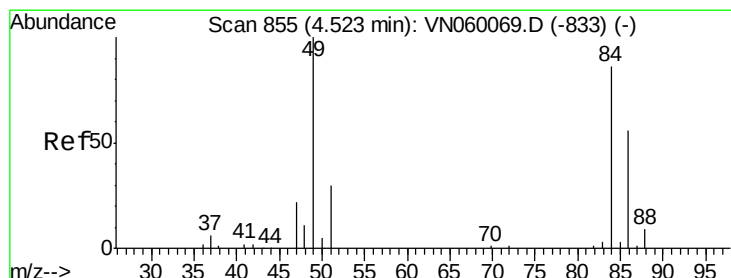
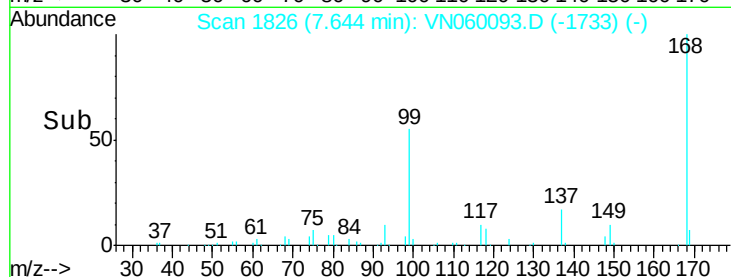
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#20

Methylene Chloride

Concen: 15.795 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060093.D

Acq: 13 Feb 2020 14:36

Tgt Ion: 84 Resp: 31123

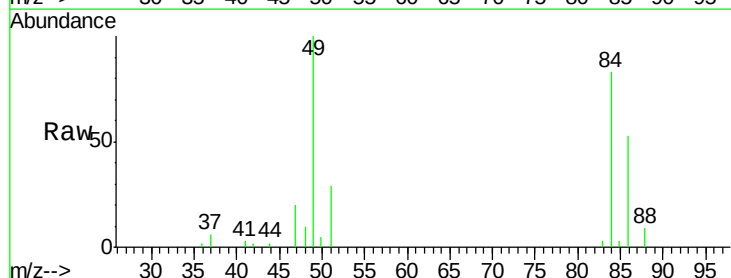
Ion Ratio Lower Upper

84 100

49 119.8 93.4 140.0

51 35.2 28.4 42.6

86 63.8 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

15000

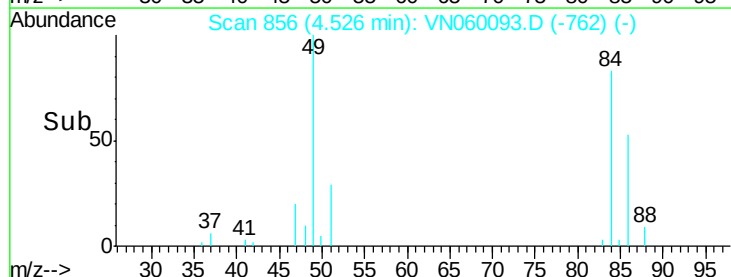
10000

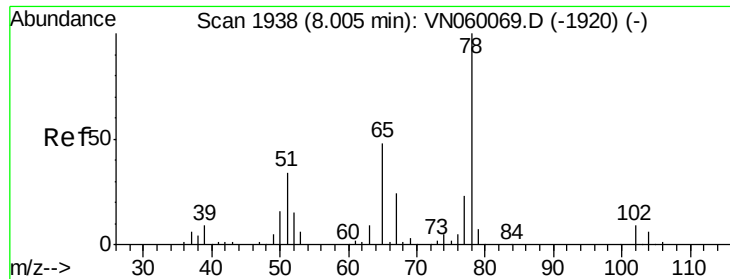
5000

0

4.40 4.50 4.60

Time-->

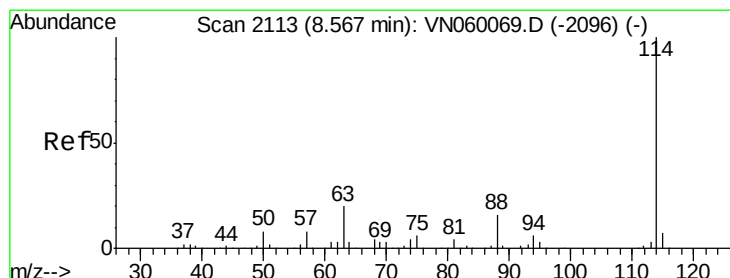
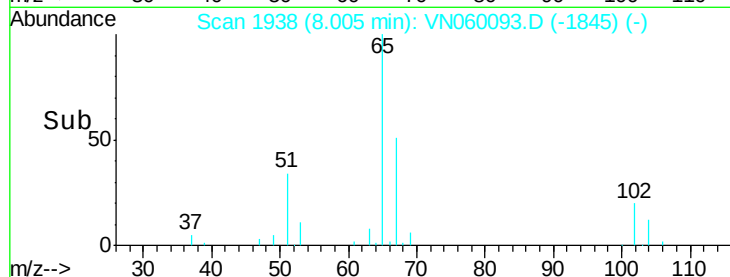
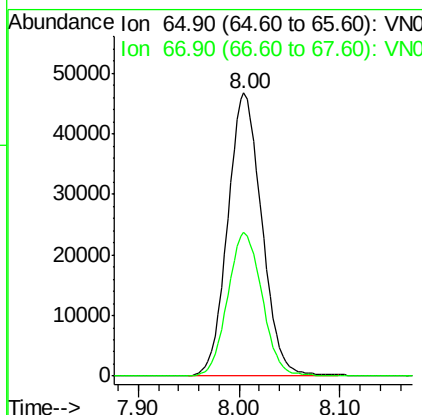
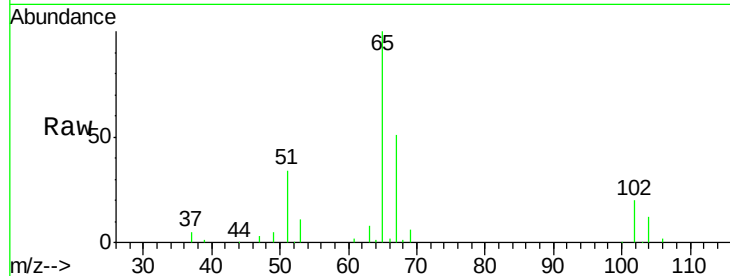




#33
 1,2-Dichloroethane-d4
 Concen: 48.634 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060093.D
 Acq: 13 Feb 2020 14:36

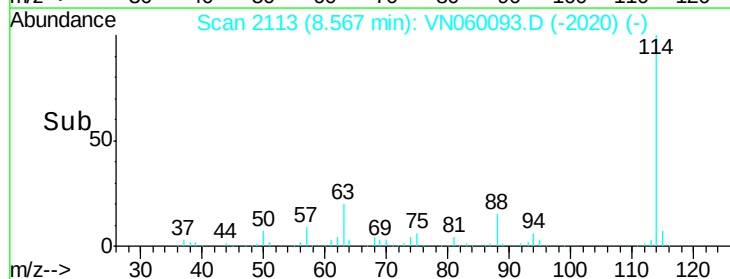
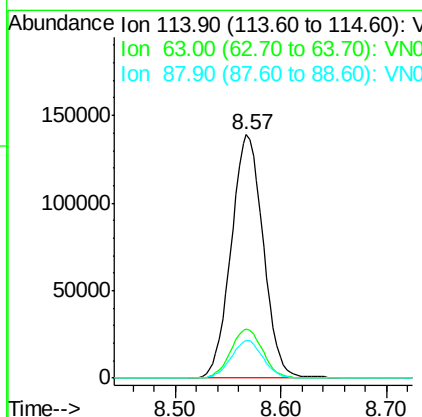
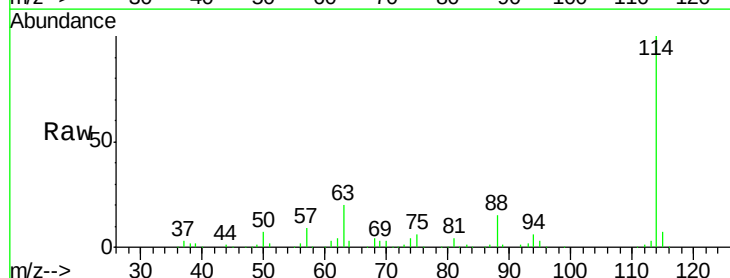
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126782ZHE#13

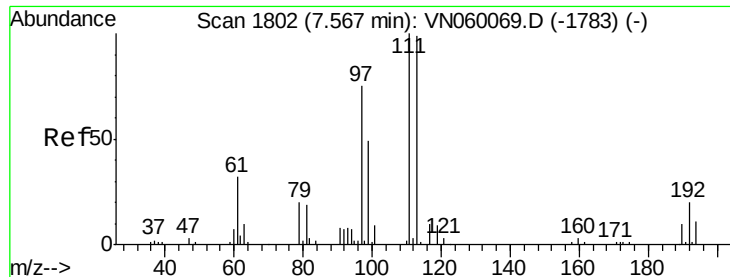
Tot Ion: 65 Resp: 110120
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060093.D
 Acq: 13 Feb 2020 14:36

Tgt Ion: 114 Resp: 292937
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.4 0.0 31.6

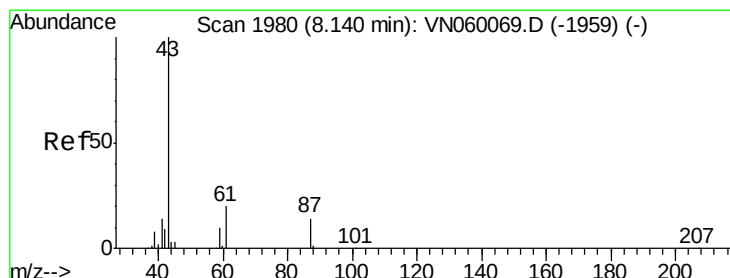
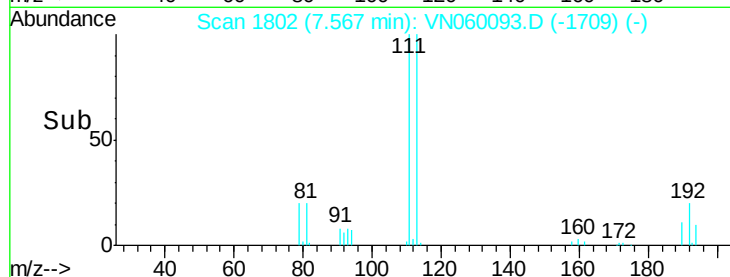
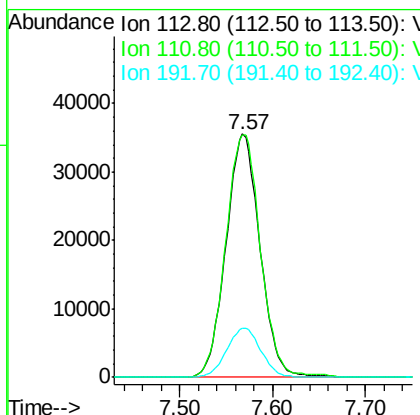
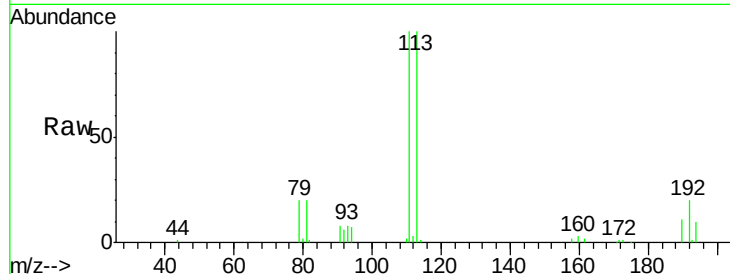




#35
 Dibromofluoromethane
 Concen: 50.091 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN060093.D
 Acq: 13 Feb 2020 14:36

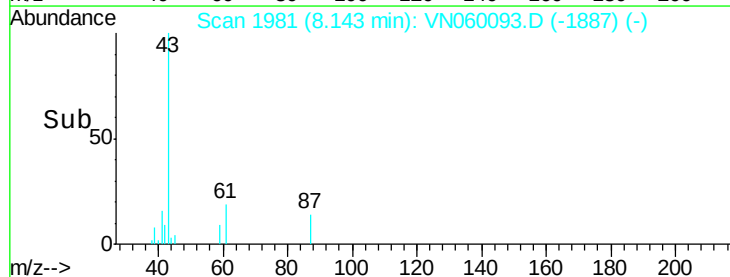
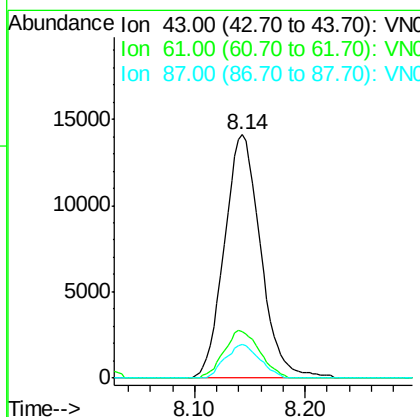
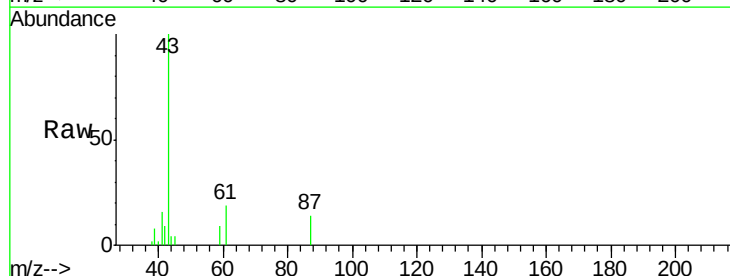
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126782ZHE#13

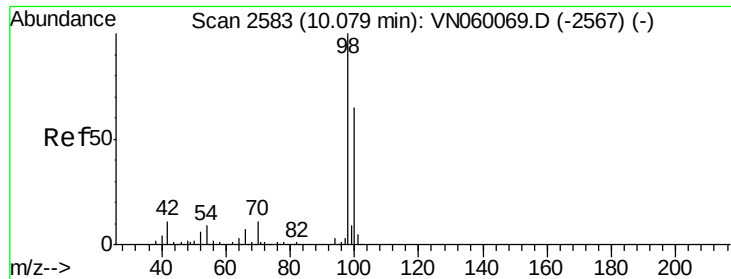
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.2
192	20.3	16.2	24.2



#43
 Isopropyl Acetate
 Concen: 7.669 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060093.D
 Acq: 13 Feb 2020 14:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.3	21.8	32.6#
87	13.0	11.4	17.2





#50

Toluene-d8

Concen: 50.192 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060093.D

Acq: 13 Feb 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

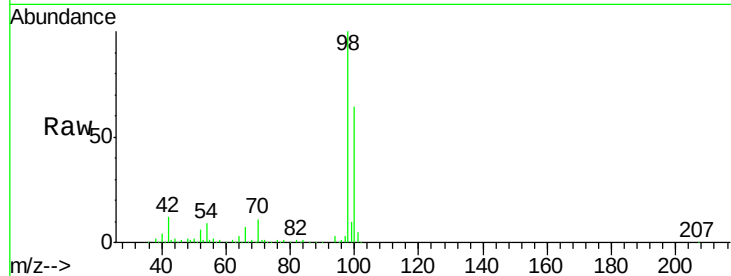
PB126782ZHE#13

Tot Ion: 98 Resp: 355915

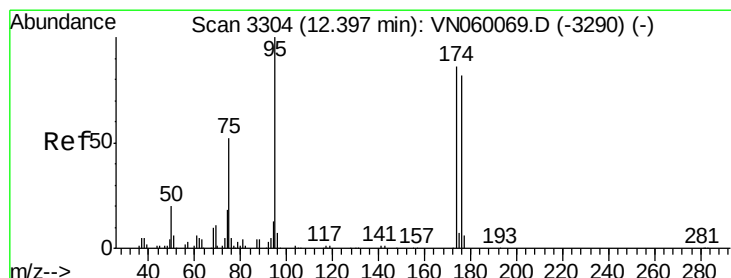
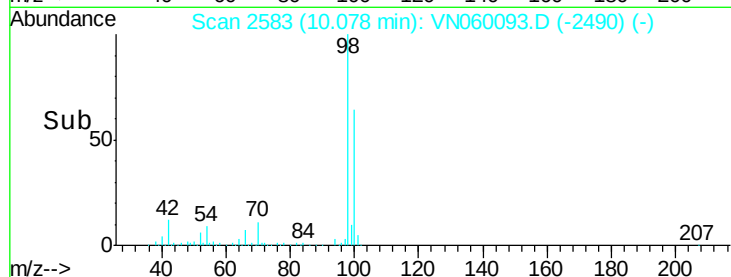
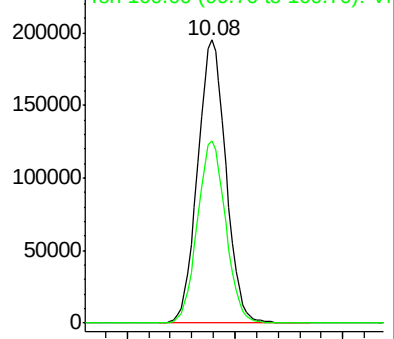
Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060093.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 48.991 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060093.D

Acq: 13 Feb 2020 14:36

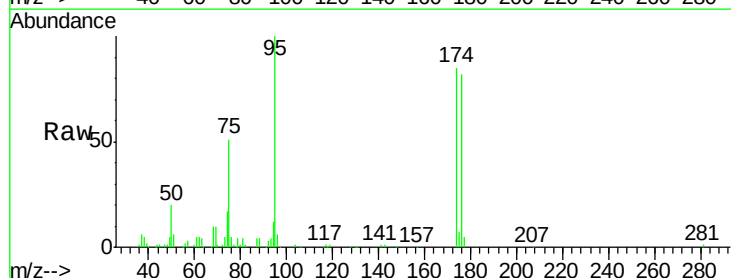
Tgt Ion: 95 Resp: 127653

Ion Ratio Lower Upper

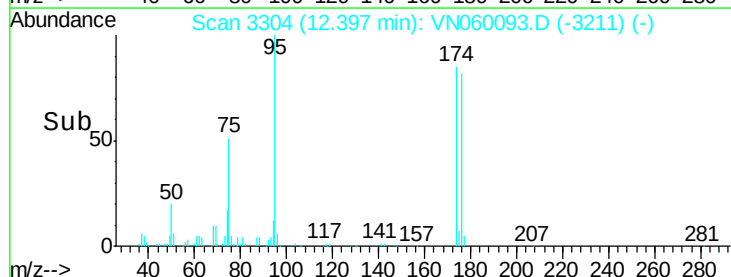
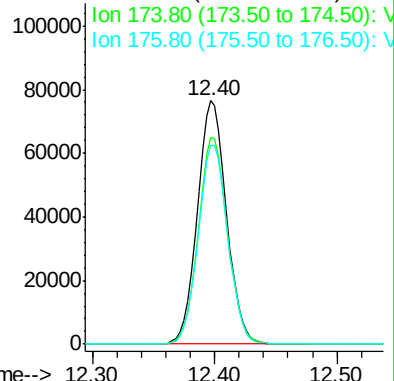
95 100

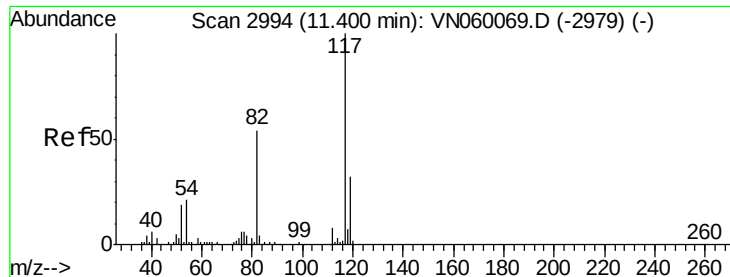
174 85.4 0.0 169.8

176 82.9 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN060093.D (-3290) (-)

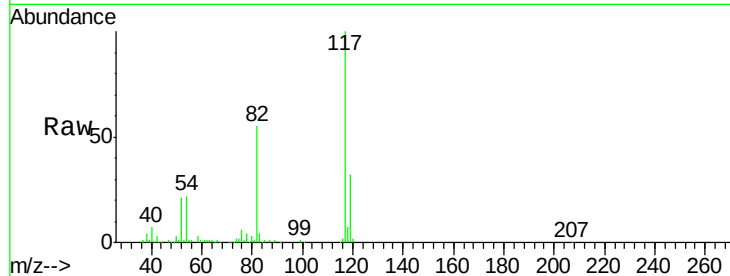




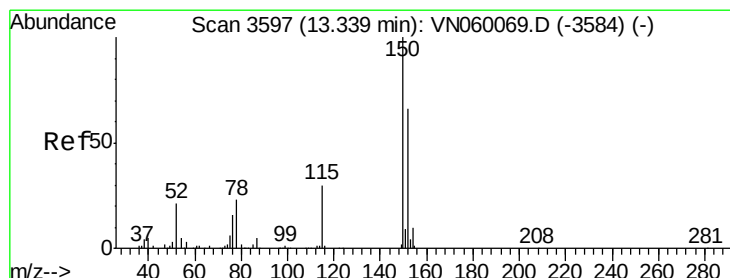
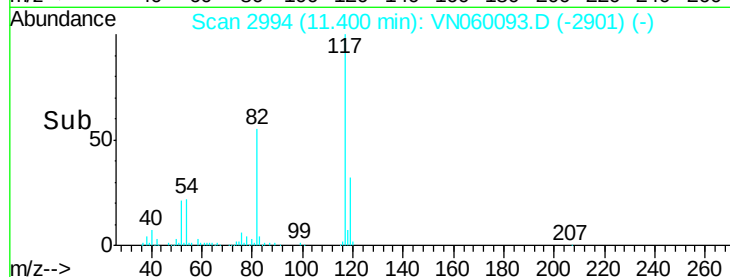
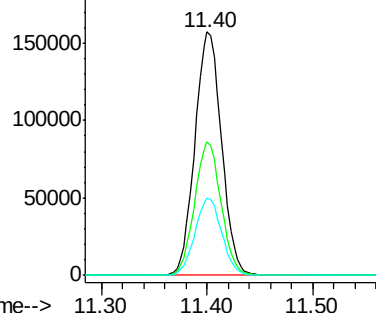
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060093.D
Acq: 13 Feb 2020 14:36

Instrument :
MSVOA_N
ClientSampleId :
PB126782ZHE#13

Tot Ion:117 Resp: 274627
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 31.7 25.8 38.6

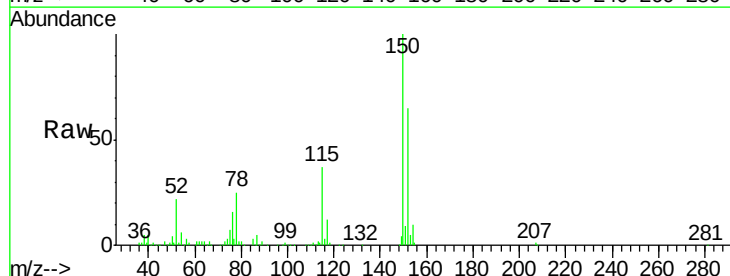


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060093.D
Acq: 13 Feb 2020 14:36

Tgt Ion:152 Resp: 125896
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.8
150 154.9 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

