

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102519\
 Data File : VN058958.D
 Acq On : 24 Oct 2019 14:06
 Operator : JC/SP
 Sample : PB124243TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124243TB

Quant Time: Oct 25 02:08:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

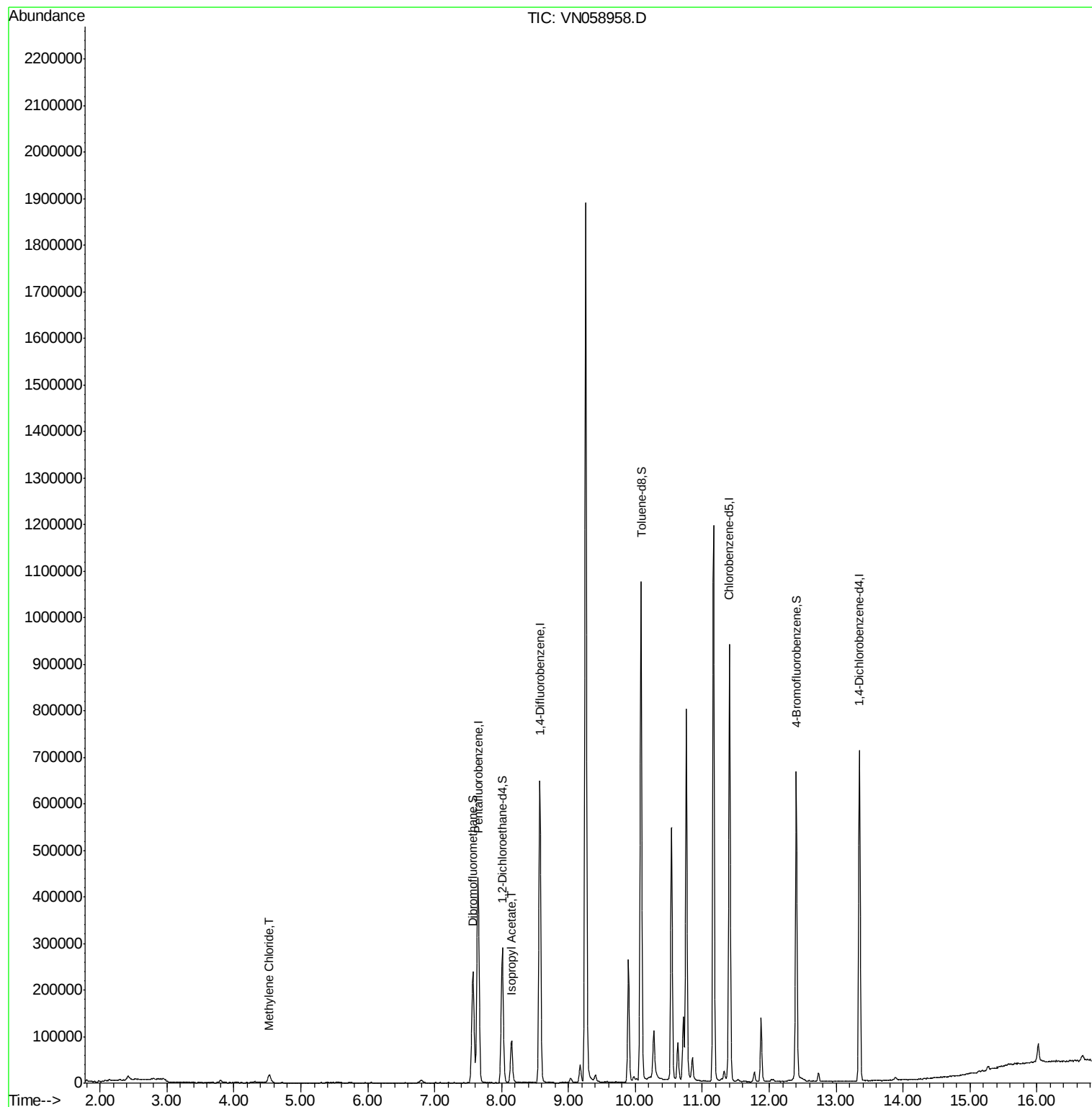
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	340252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	551843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	515523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	184099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	253397	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	7.57	113	181932	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	10.08	98	709482	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.40	95	227248	43.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.88%	
Target Compounds						
20) Methylene Chloride	4.53	84	13356	3.172	ug/l	95
43) Isopropyl Acetate	8.15	43	107734	10.912	ug/l #	89

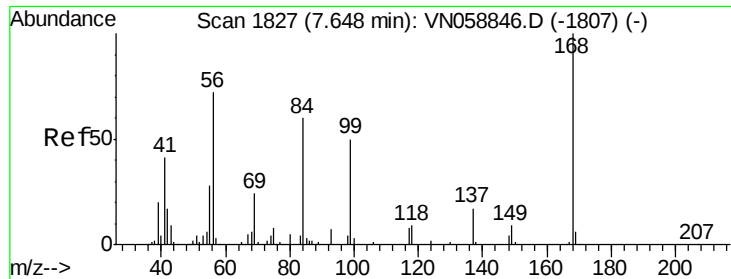
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058958.D

Acq: 24 Oct 2019 14:06

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MSVOA_N

ClientSampleId :

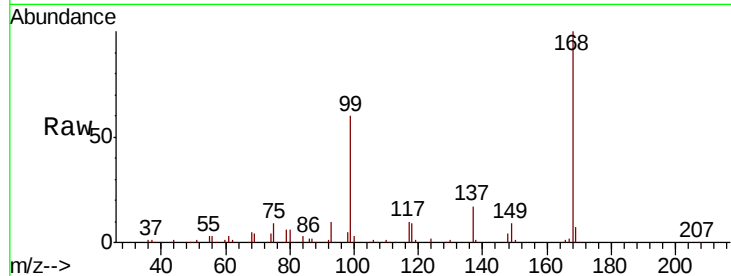
PB124243TB

Tot Ion:168 Resp: 340252

Ion Ratio Lower Upper

168 100

99 59.6 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

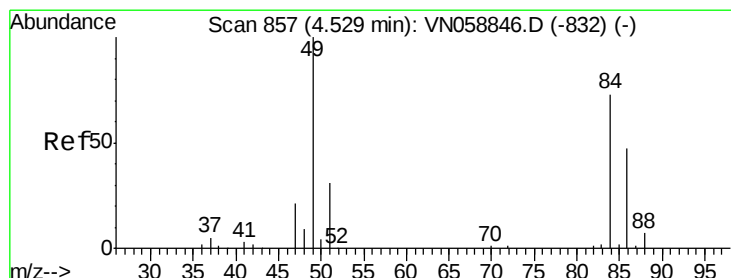
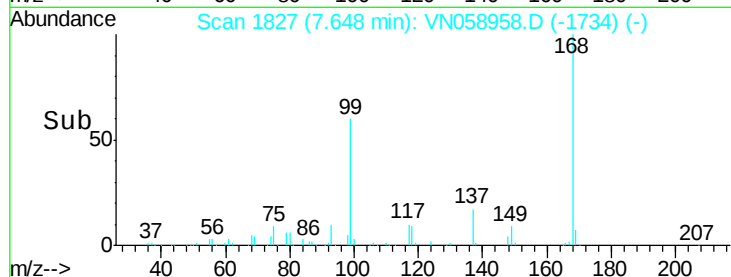
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 3.172 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058958.D

Acq: 24 Oct 2019 14:06

Tgt Ion: 84 Resp: 13356

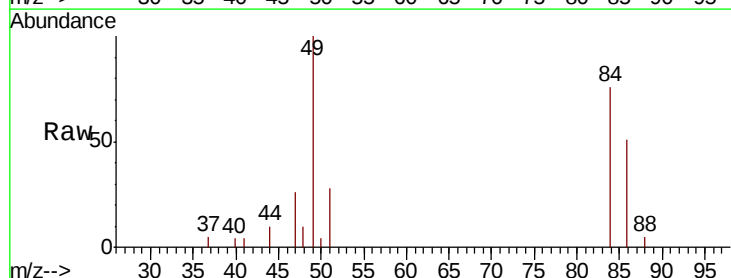
Ion Ratio Lower Upper

84 100

49 131.2 109.6 164.4

51 36.4 33.8 50.6

86 66.6 51.5 77.3



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

8000

6000

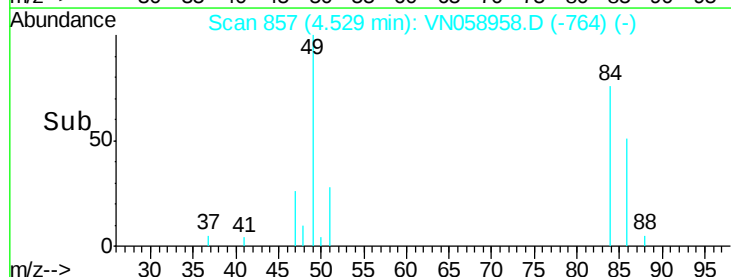
4000

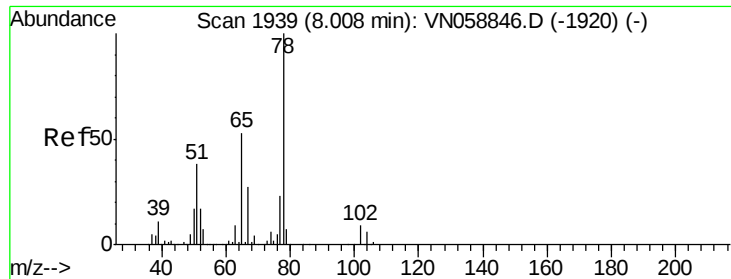
2000

0

4.45 4.50 4.55 4.60

Time-->

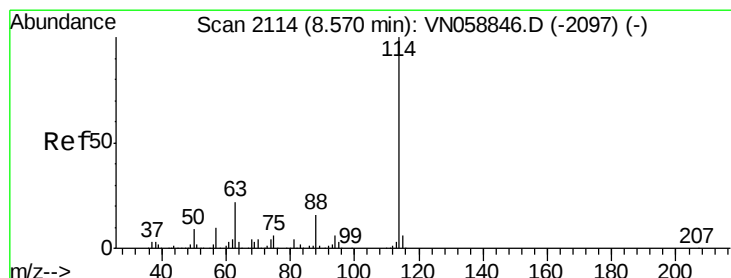
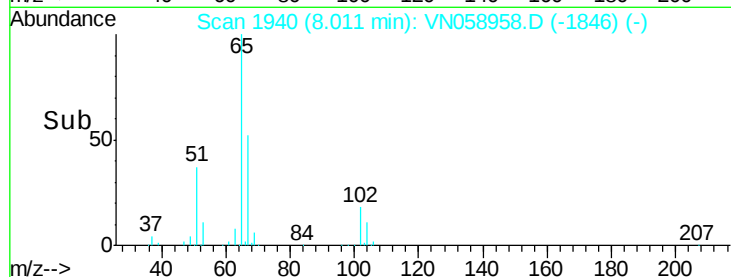
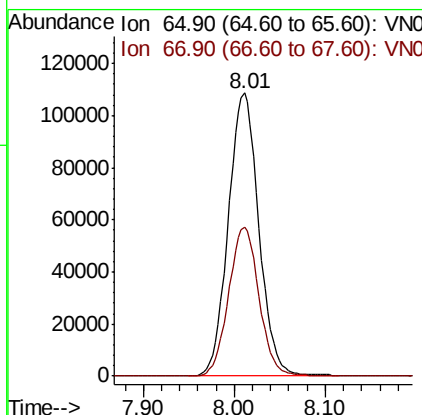
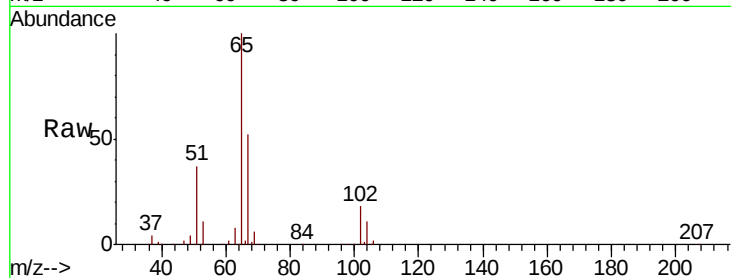




#33
 1,2-Dichloroethane-d4
 Concen: 50.778 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058958.D
 Acq: 24 Oct 2019 14:06

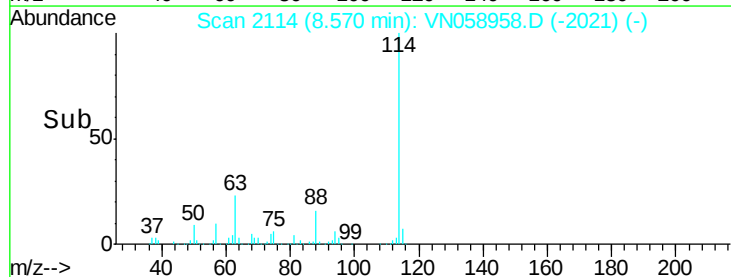
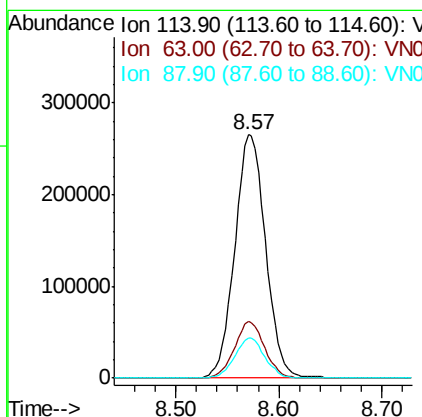
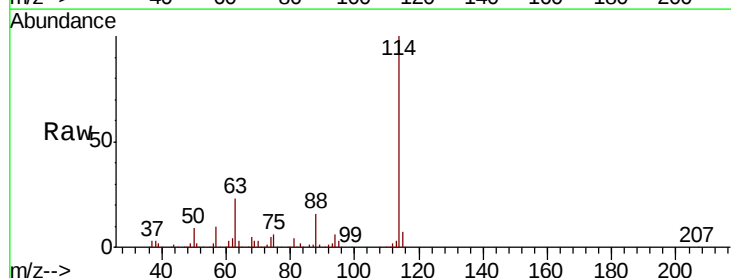
Instrument :
 MSVOA_N
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 PB124243TB

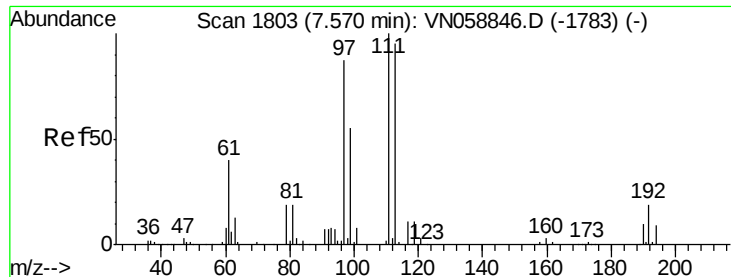
Tot Ion: 65 Resp: 253397
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058958.D
 Acq: 24 Oct 2019 14:06

Tgt Ion: 114 Resp: 551843
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 44.4
 88 16.4 0.0 31.4

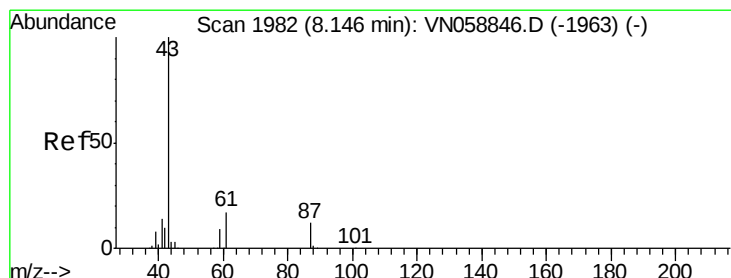
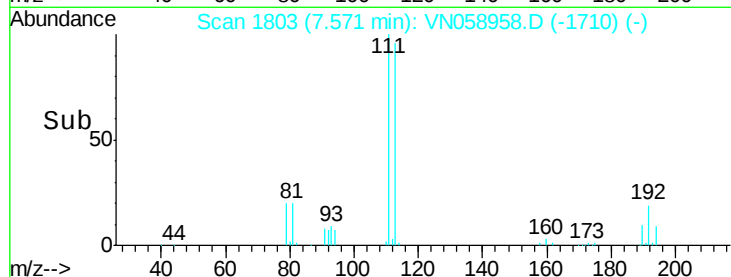
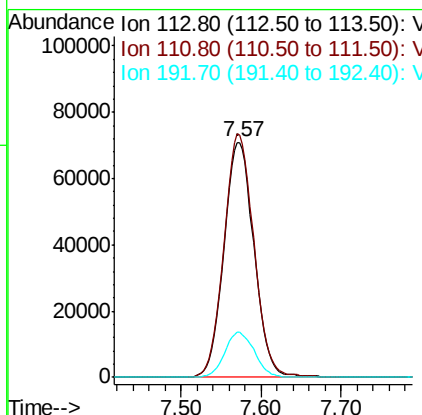
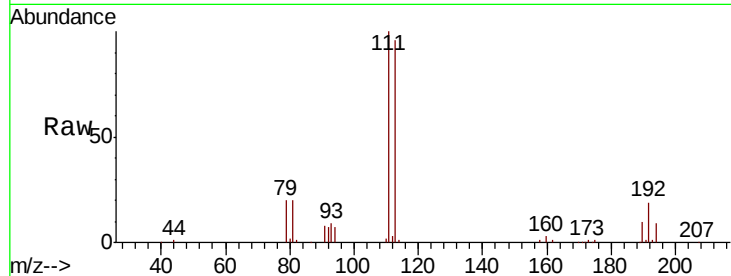




#35
 Dibromofluoromethane
 Concen: 50.144 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN058958.D
 Acq: 24 Oct 2019 14:06

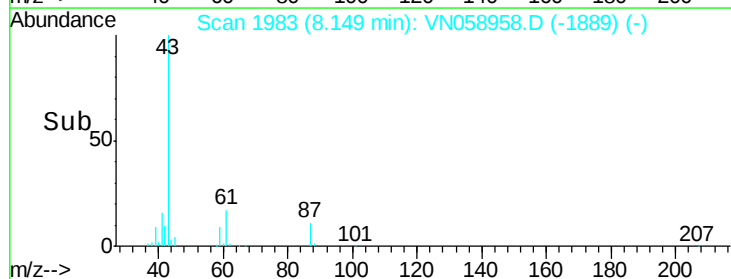
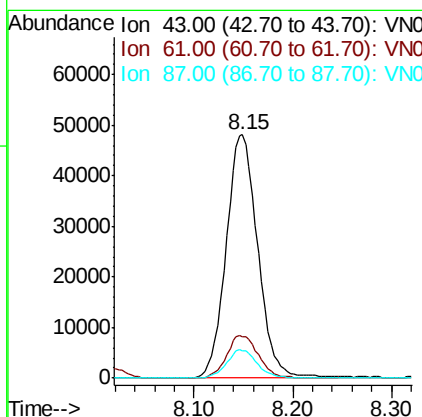
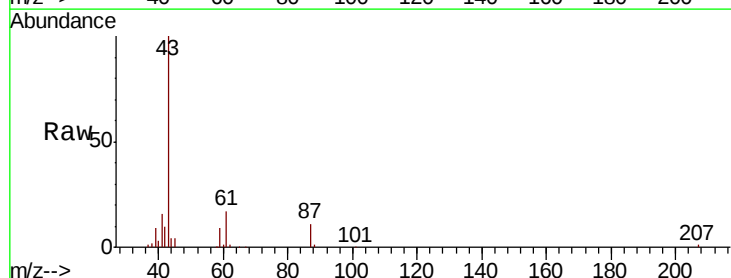
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124243TB

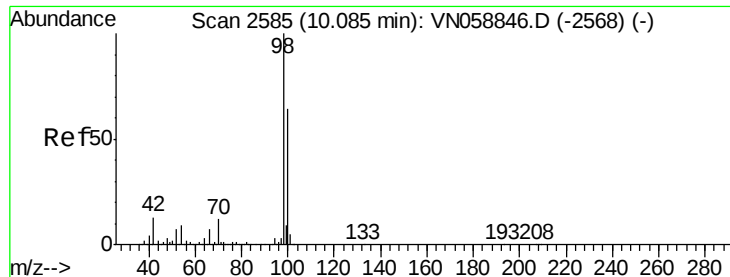
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	18.9	15.0	22.6



#43
 Isopropyl Acetate
 Concen: 10.912 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058958.D
 Acq: 24 Oct 2019 14:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.4	20.2	30.2#
87	11.3	9.5	14.3





#50

Toluene-d8

Concen: 50.374 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. -0.00 min

Lab File: VN058958.D

Acq: 24 Oct 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

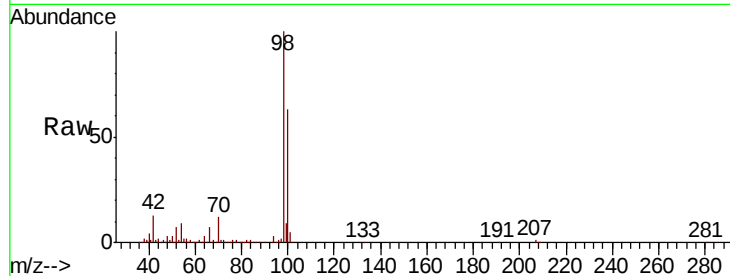
PB124243TB

Tot Ion: 98 Resp: 709482

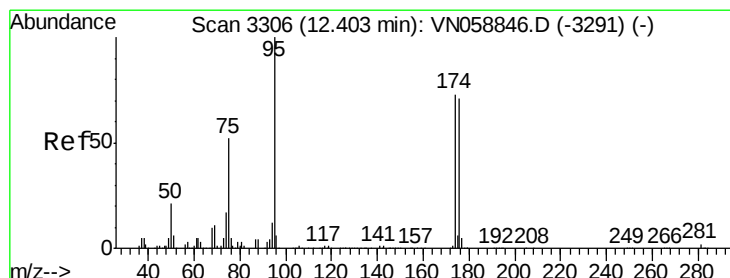
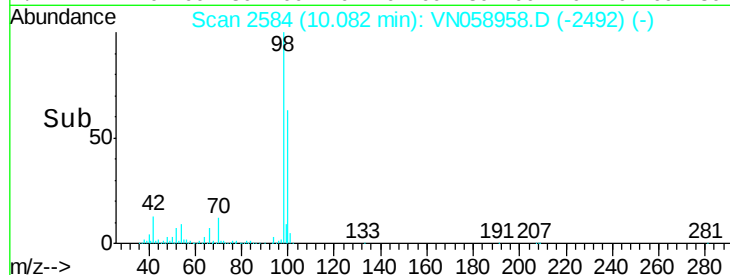
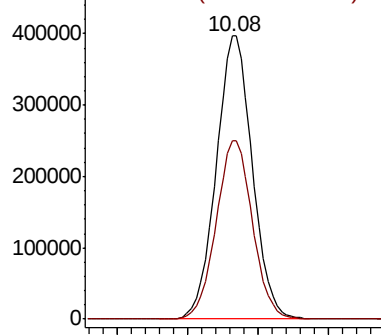
Ion Ratio Lower Upper

98 100

100 63.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN058846.D (-2568) (-)



#62

4-Bromofluorobenzene

Concen: 43.937 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058958.D

Acq: 24 Oct 2019 14:06

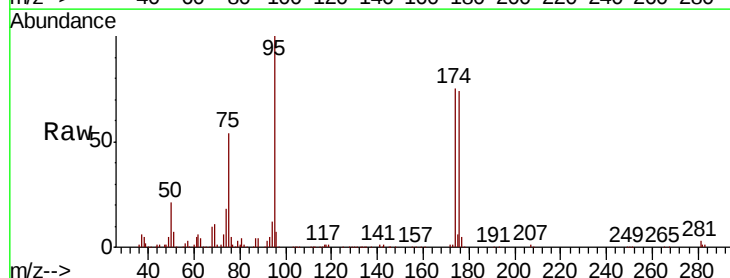
Tgt Ion: 95 Resp: 227248

Ion Ratio Lower Upper

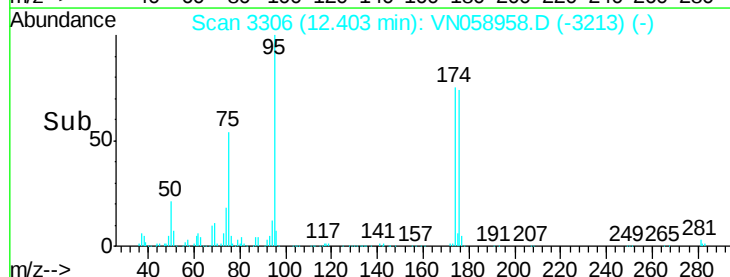
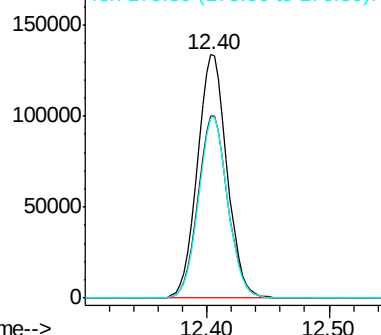
95 100

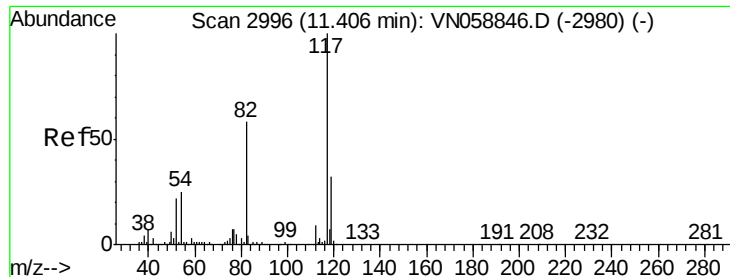
174 75.1 0.0 147.6

176 73.3 0.0 143.2



Abundance Ion 94.90 (94.60 to 95.60): VN058846.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058958.D

Acq: 24 Oct 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

PB124243TB

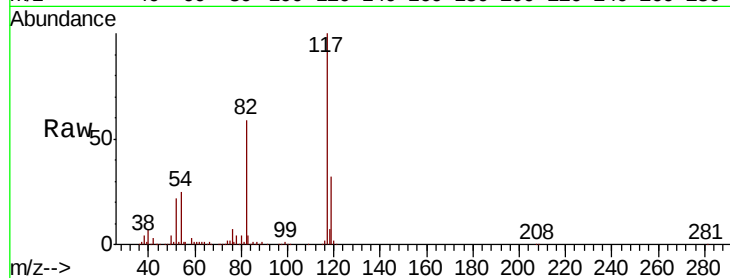
Tot Ion:117 Resp: 515523

Ion Ratio Lower Upper

117 100

82 58.5 46.6 69.8

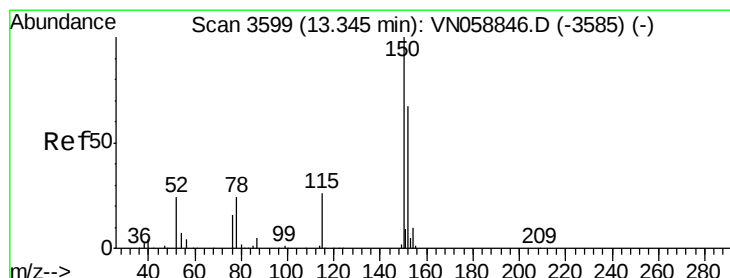
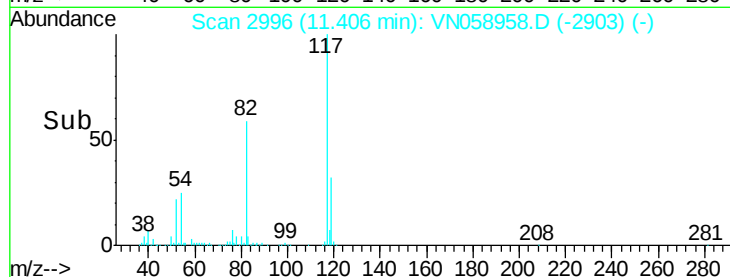
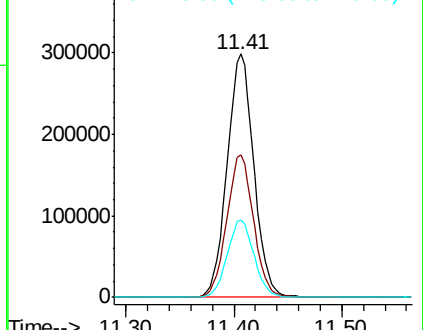
119 31.9 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058958.D

Acq: 24 Oct 2019 14:06

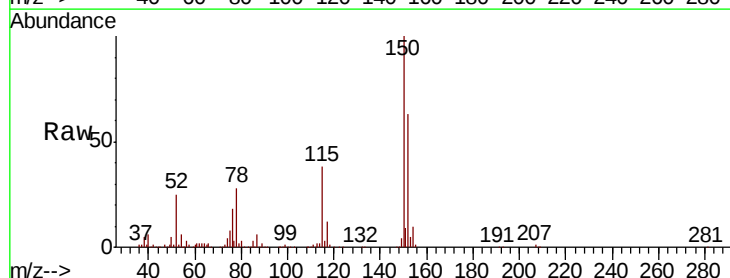
Tgt Ion:152 Resp: 184099

Ion Ratio Lower Upper

152 100

115 60.7 30.5 91.5

150 159.1 0.0 344.4



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

