

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073119\
 Data File : VN057005.D
 Acq On : 31 Jul 2019 11:34
 Operator : JC/SP
 Sample : PB121844ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844ZHE#02

Quant Time: Aug 01 01:44:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

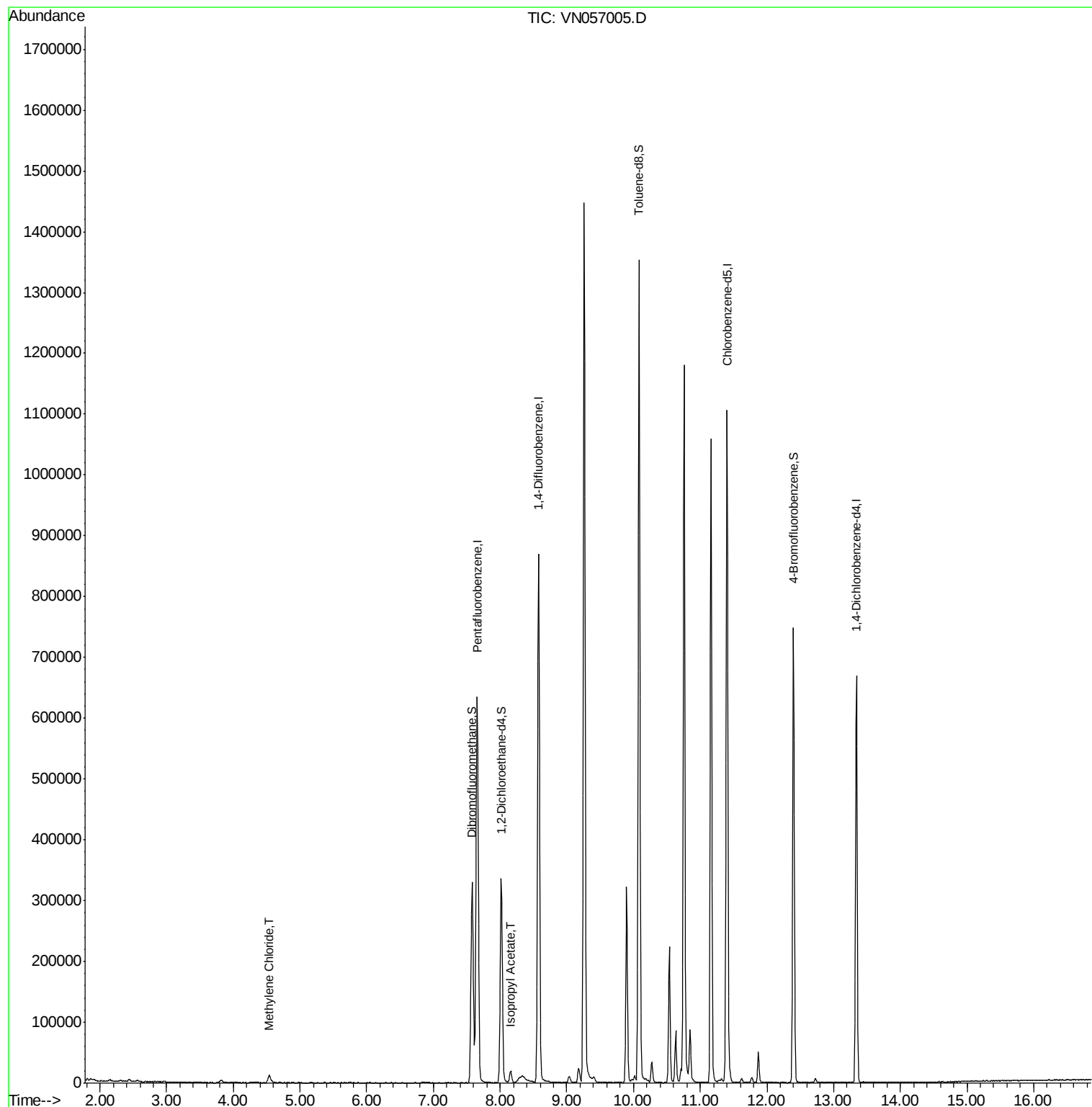
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	567331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	825093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	714164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	204908	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	283616	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	7.58	113	258677	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
50) Toluene-d8	10.08	98	984992	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.40	95	267069	40.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.46%	
Target Compounds						
20) Methylene Chloride	4.54	84	10258	1.693	ug/l	88
43) Isopropyl Acetate	8.16	43	22012	2.290	ug/l #	89

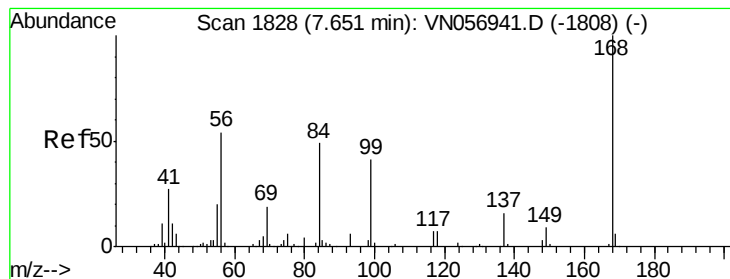
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.01 min

Lab File: VN057005.D

Acq: 31 Jul 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

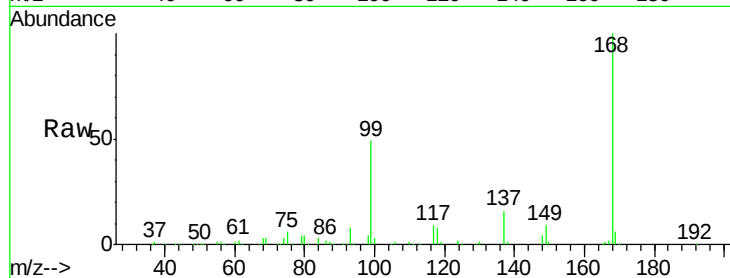
PB121844ZHE#02

Tot Ion:168 Resp: 567331

Ion Ratio Lower Upper

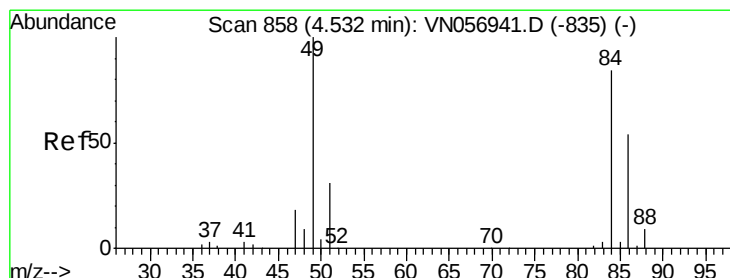
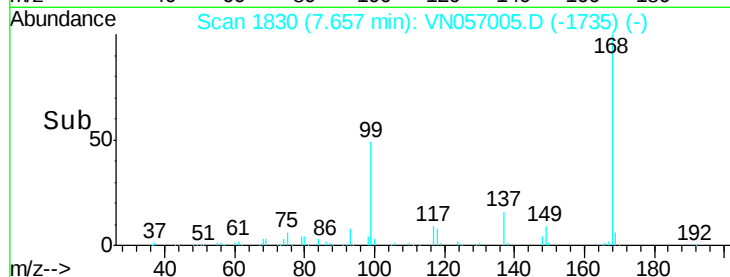
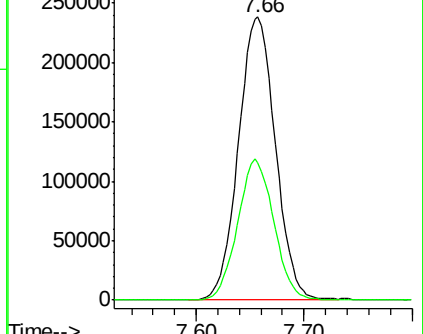
168 100

99 48.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.693 ug/l

RT: 4.54 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN057005.D

Acq: 31 Jul 2019 11:34

Tgt Ion: 84 Resp: 10258

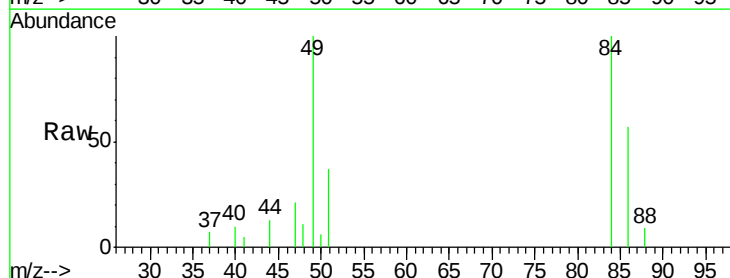
Ion Ratio Lower Upper

84 100

49 100.0 95.2 142.8

51 37.3 29.7 44.5

86 57.5 51.0 76.6

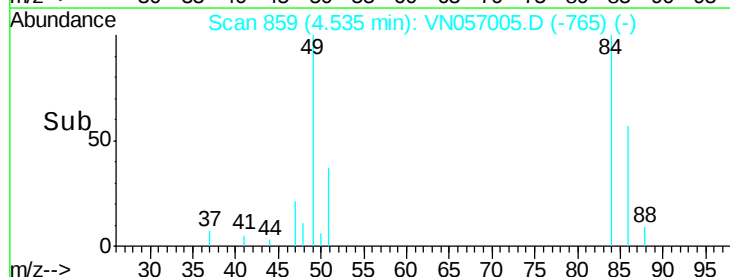
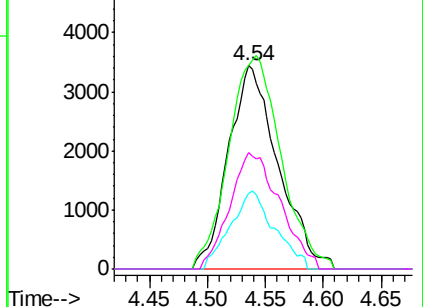


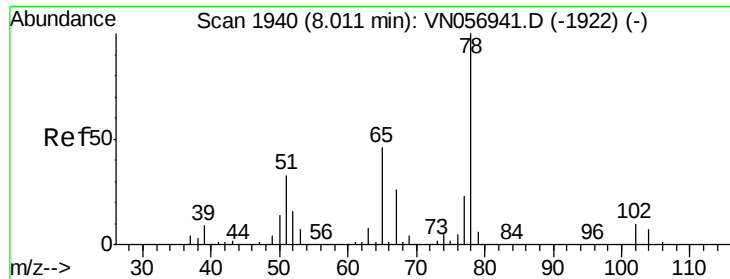
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

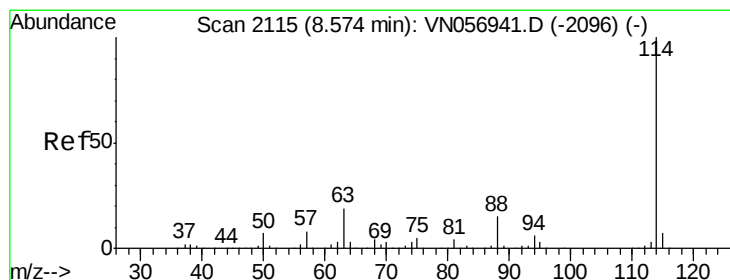
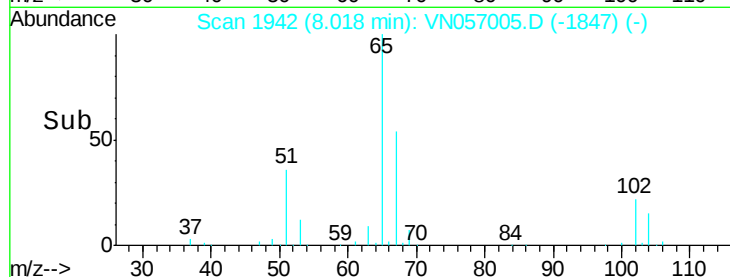
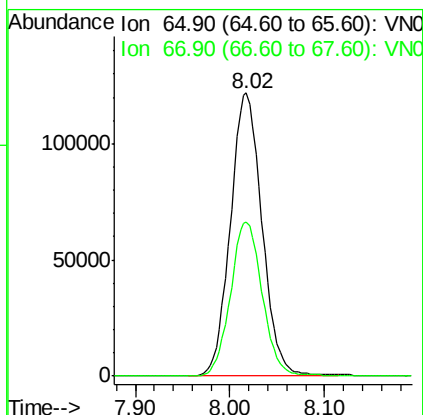
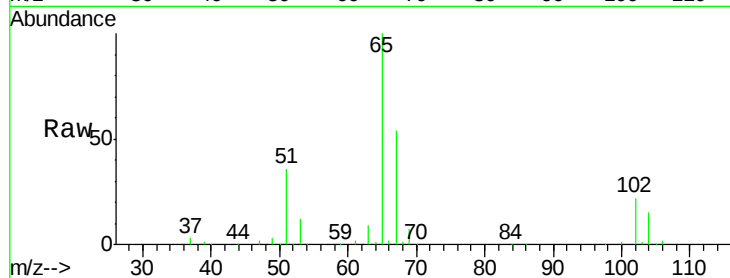




#33
 1,2-Dichloroethane-d4
 Concen: 48.837 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.01 min
 Lab File: VN057005.D
 Acq: 31 Jul 2019 11:34

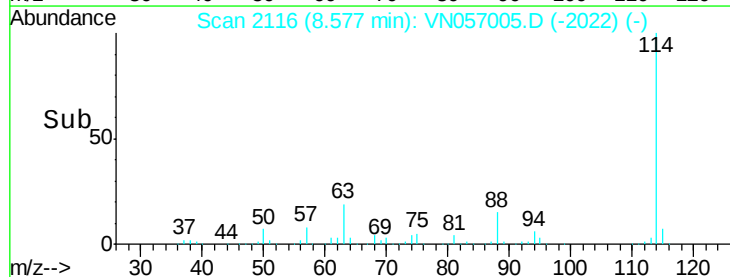
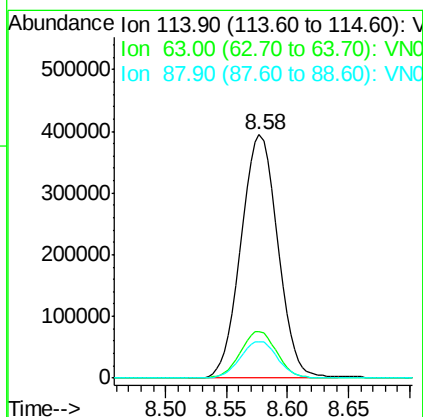
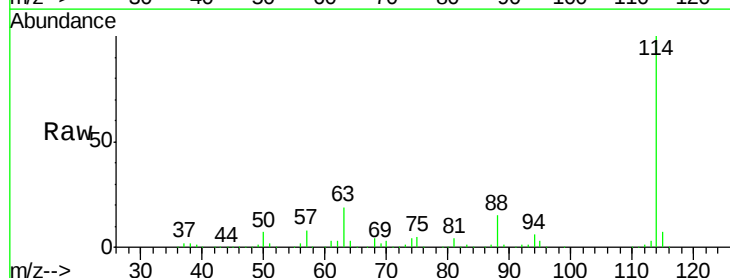
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121844ZHE#02

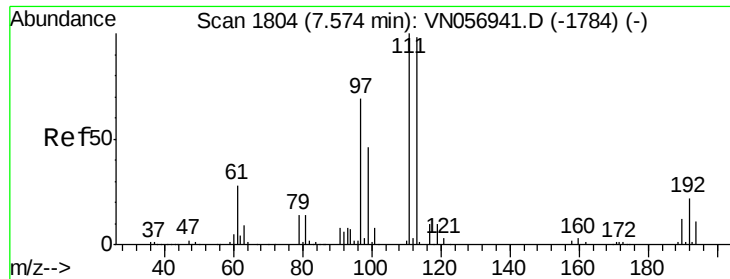
Tot Ion: 65 Resp: 283616
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057005.D
 Acq: 31 Jul 2019 11:34

Tgt Ion: 114 Resp: 825093
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.0
 88 15.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.974 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057005.D

Acq: 31 Jul 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

PB121844ZHE#02

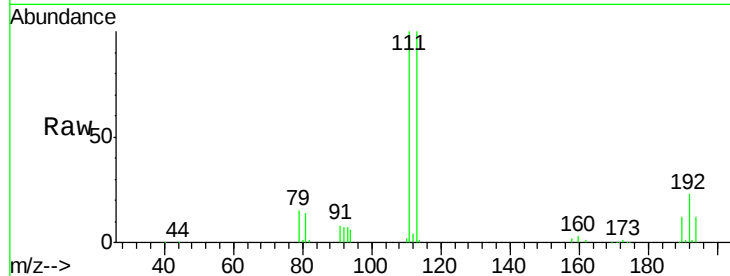
Tot Ion:113 Resp: 258677

Ion Ratio Lower Upper

113 100

111 101.1 82.0 123.0

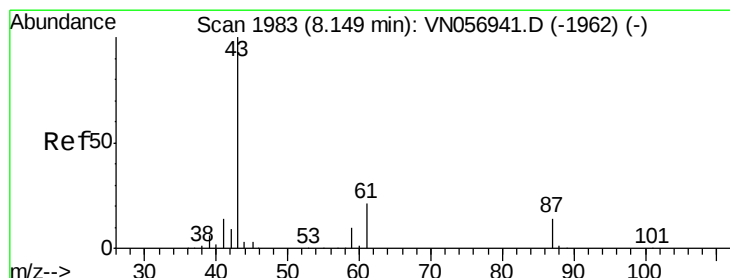
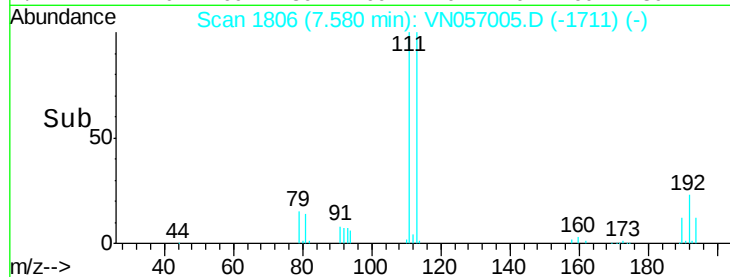
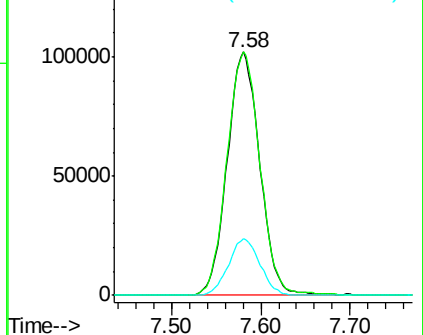
192 22.6 18.4 27.6



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: 2.290 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VN057005.D

Acq: 31 Jul 2019 11:34

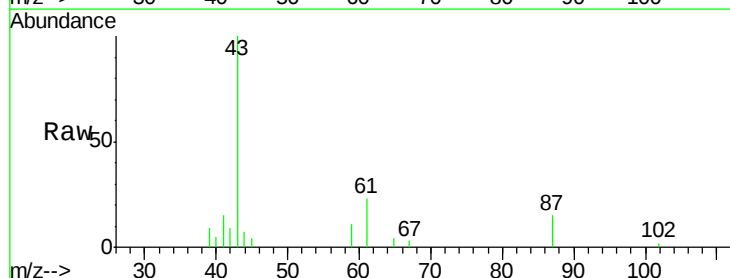
Tgt Ion: 43 Resp: 22012

Ion Ratio Lower Upper

43 100

61 20.6 23.0 34.6#

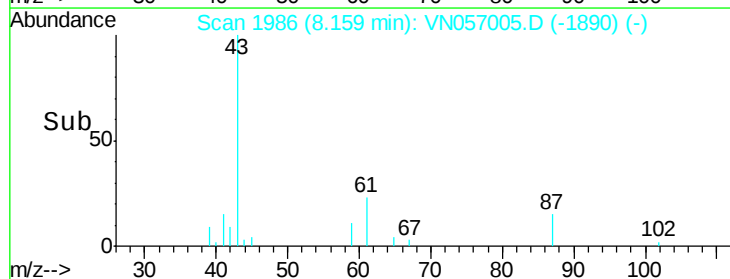
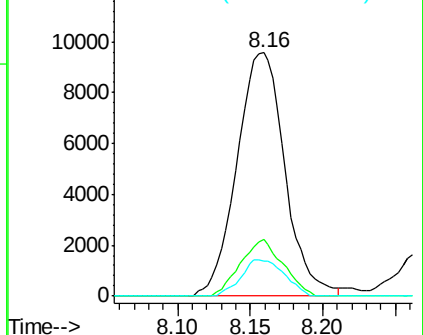
87 13.5 11.7 17.5

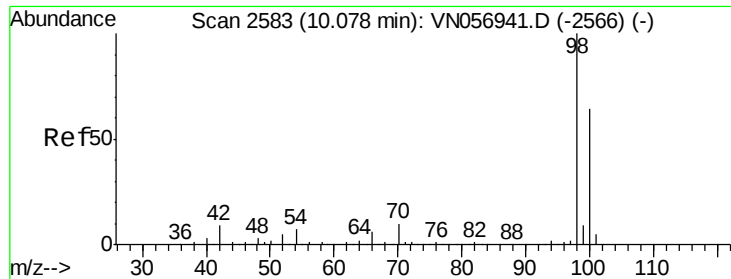


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.901 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057005.D

Acq: 31 Jul 2019 11:34

Instrument :

MSVOA_N

ClientSampleId :

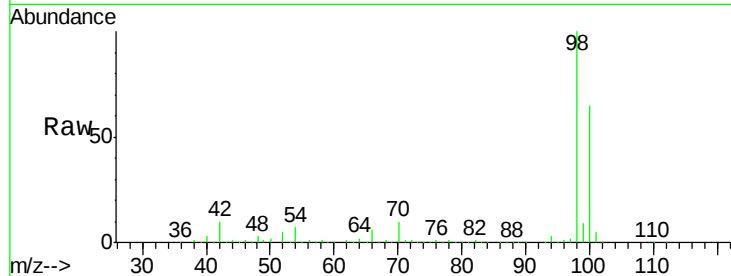
PB121844ZHE#02

Tot Ion: 98 Resp: 984992

Ion Ratio Lower Upper

98 100

100 64.7 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

600000

500000

400000

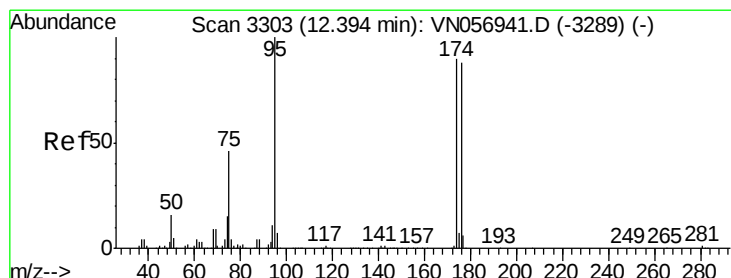
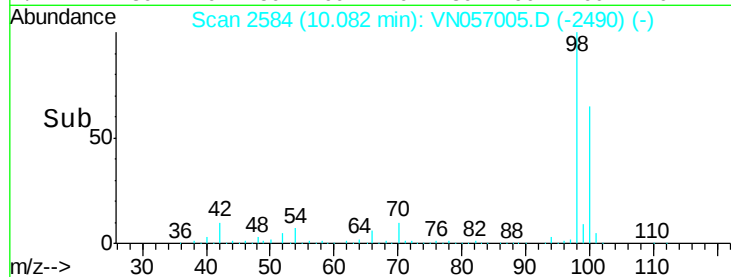
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.728 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057005.D

Acq: 31 Jul 2019 11:34

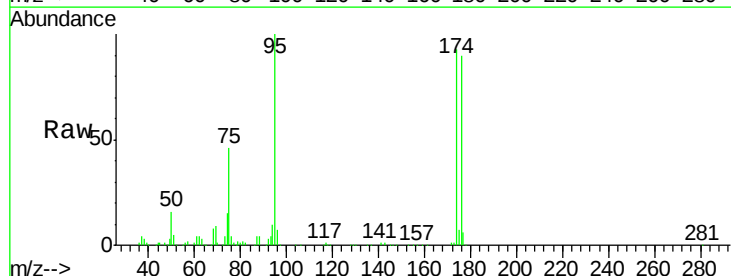
Tgt Ion: 95 Resp: 267069

Ion Ratio Lower Upper

95 100

174 94.5 0.0 182.2

176 91.6 0.0 179.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

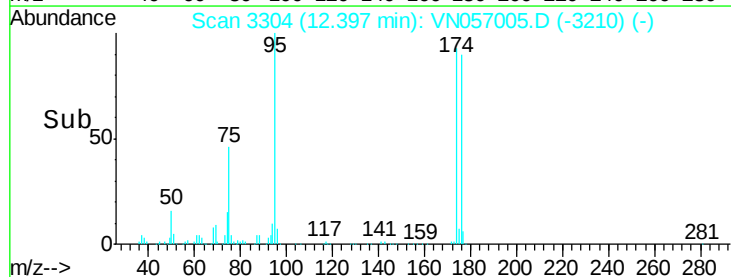
150000

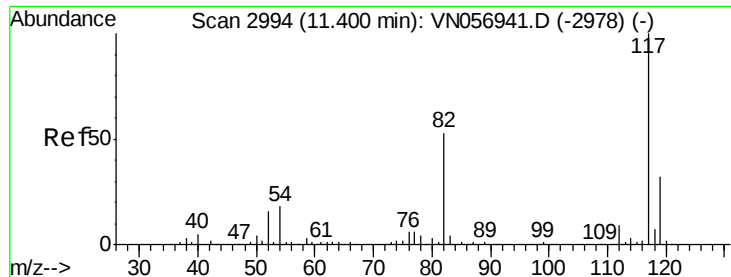
100000

50000

0

Time-->

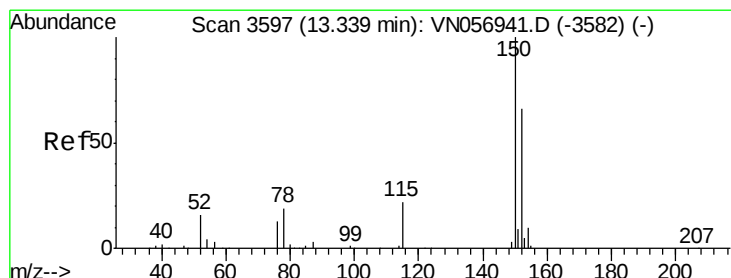
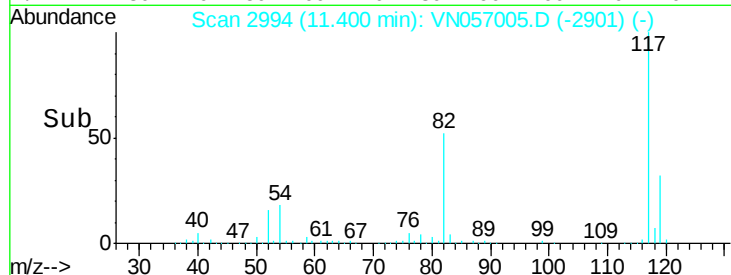
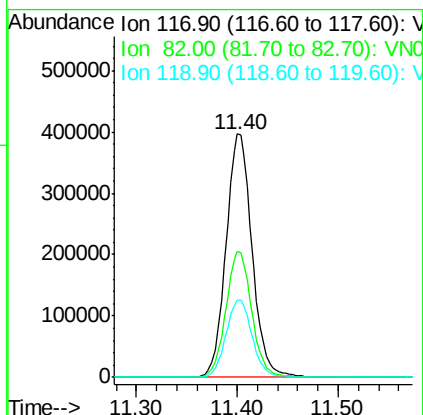
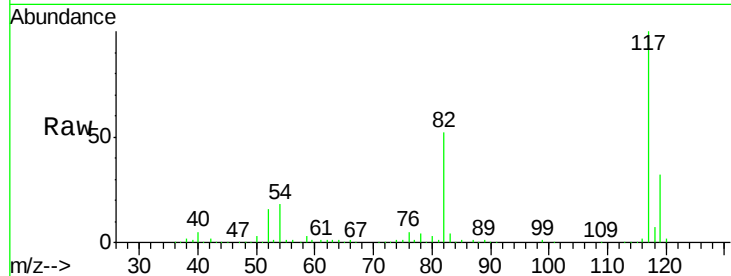




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057005.D
Acq: 31 Jul 2019 11:34

Instrument :
MSVOA_N
ClientSampleId :
PB121844ZHE#02

Tot Ion:117 Resp: 714164
Ion Ratio Lower Upper
117 100
82 51.9 42.2 63.4
119 31.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057005.D
Acq: 31 Jul 2019 11:34

Tgt Ion:152 Resp: 204908
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.6
150 154.4 0.0 349.4

