

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059406.D
 Acq On : 26 Nov 2019 15:08
 Operator : JC/SP
 Sample : K5667-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-112519

Quant Time: Nov 27 03:00:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

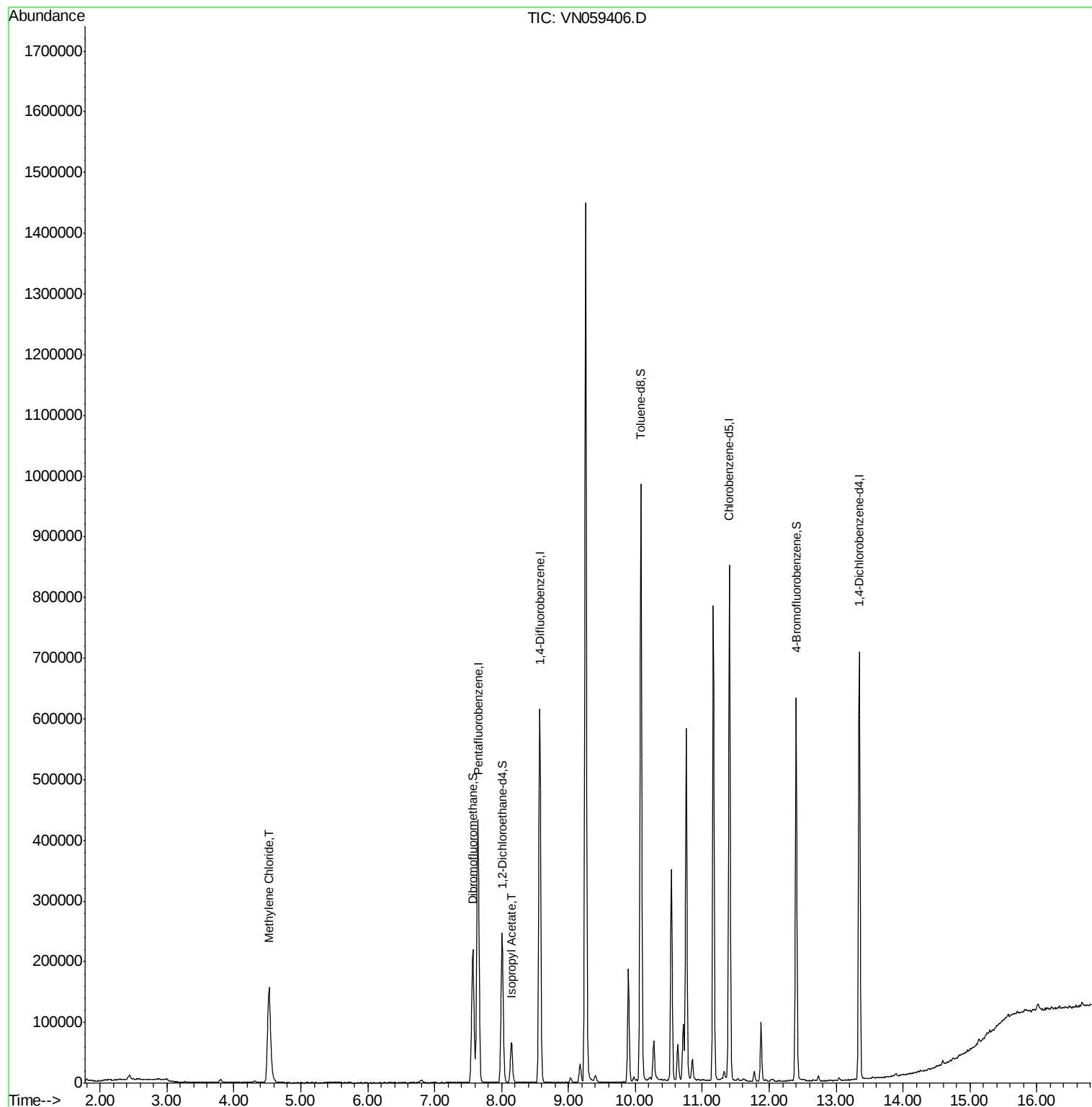
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	364866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	566006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	505723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	197182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	210374	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
35) Dibromofluoromethane	7.57	113	169152	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
50) Toluene-d8	10.08	98	695499	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.40	95	230714	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
Target Compounds						
20) Methylene Chloride	4.53	84	130761	29.537	ug/l	96
43) Isopropyl Acetate	8.15	43	80085	8.345	ug/l #	91

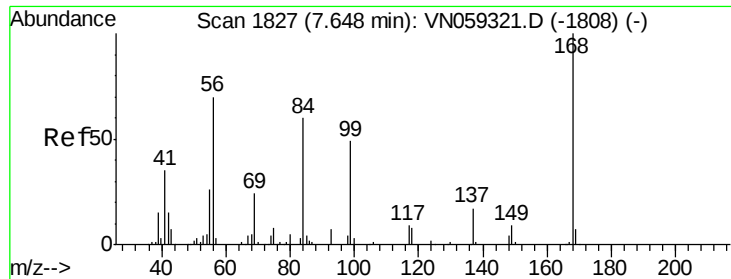
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112619\
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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: VN059406.D

Acq: 26 Nov 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

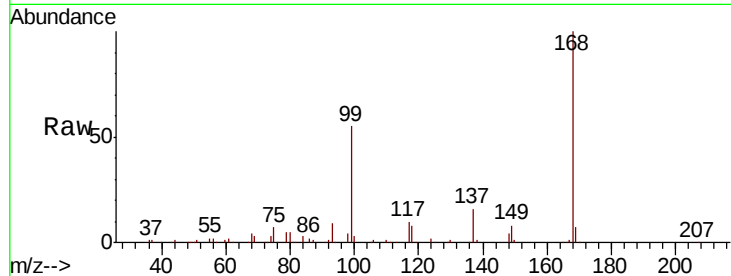
NB-07-112519

Tot Ion:168 Resp: 364866

Ion Ratio Lower Upper

168 100

99 54.7 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

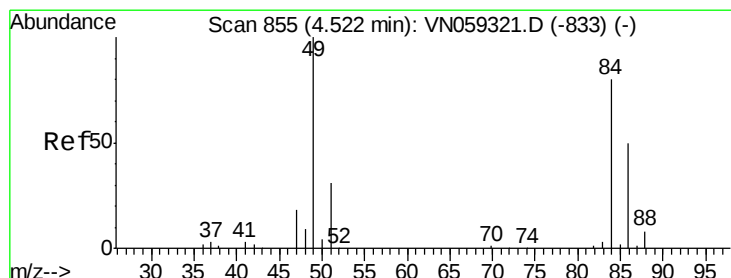
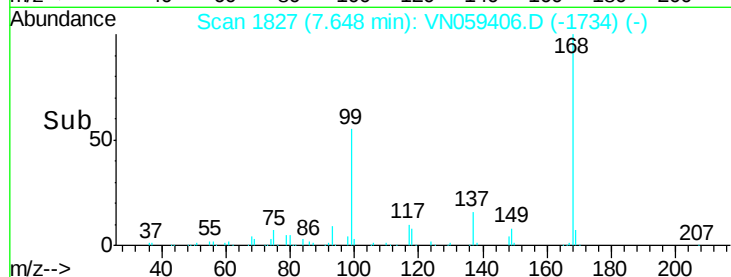
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 29.537 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059406.D

Acq: 26 Nov 2019 15:08

Tgt Ion: 84 Resp: 130761

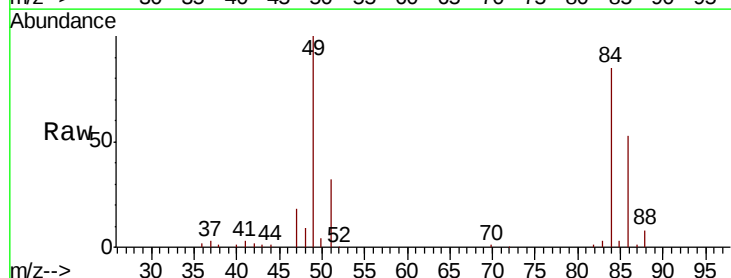
Ion Ratio Lower Upper

84 100

49 117.8 99.5 149.3

51 37.8 31.1 46.7

86 63.0 49.9 74.9



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

4.53

60000

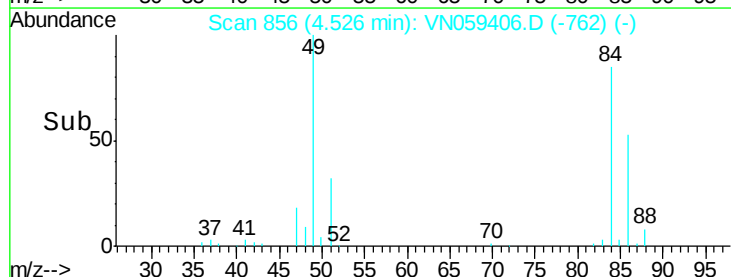
40000

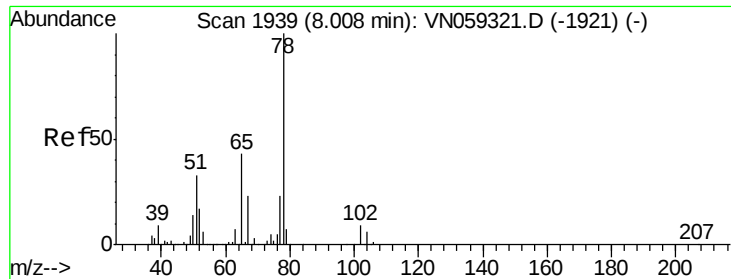
20000

0

4.40 4.50 4.60 4.70

Time-->

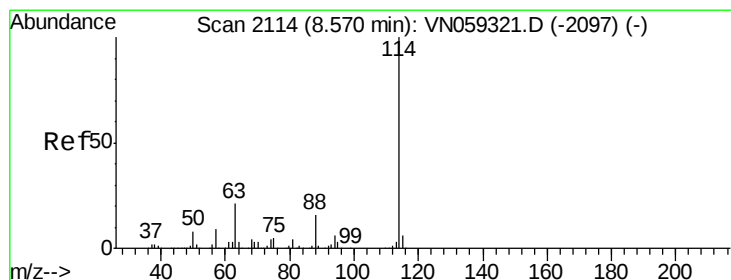
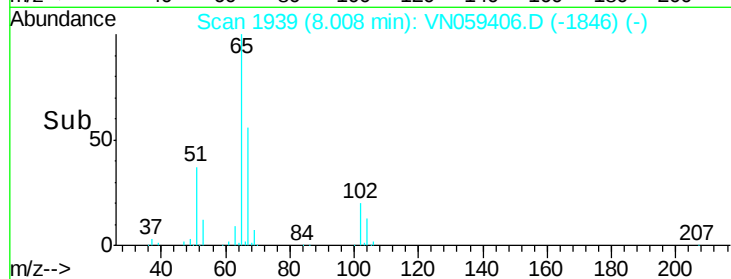
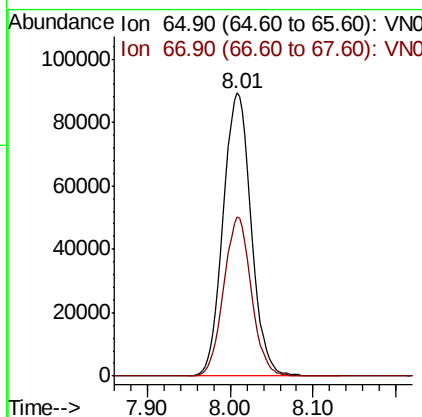
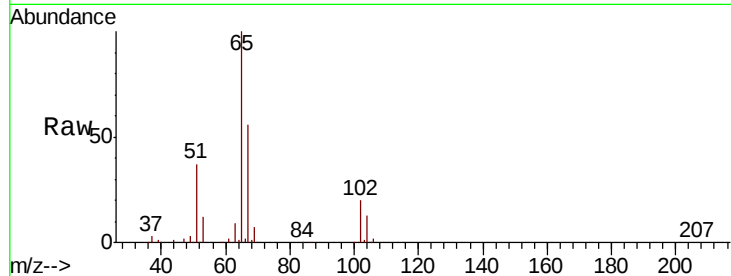




#33
 1,2-Dichloroethane-d4
 Concen: 48.055 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059406.D
 Acq: 26 Nov 2019 15:08

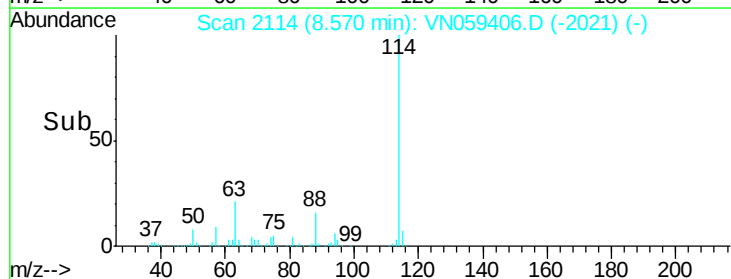
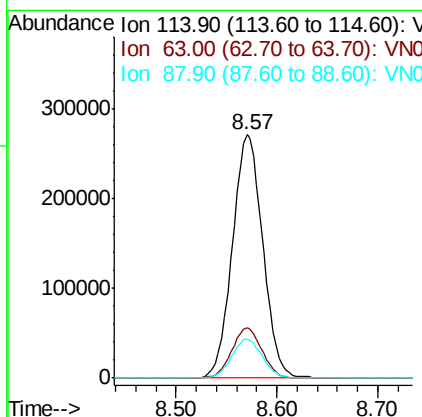
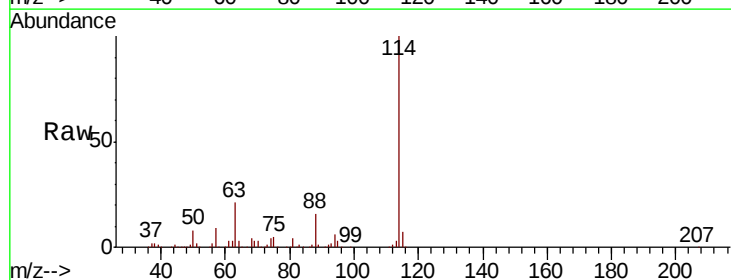
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-112519

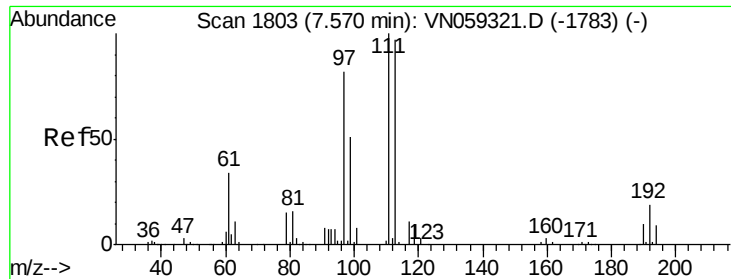
Tot Ion: 65 Resp: 210374
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059406.D
 Acq: 26 Nov 2019 15:08

Tgt Ion: 114 Resp: 566006
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.2
 88 16.1 0.0 32.2

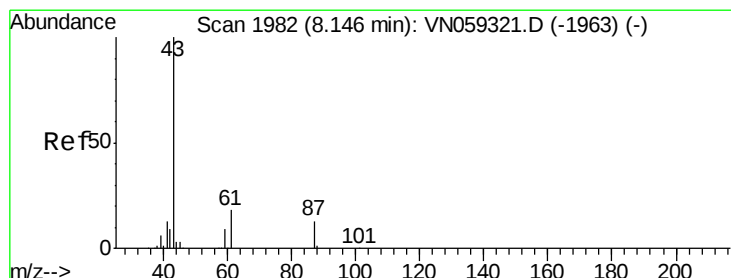
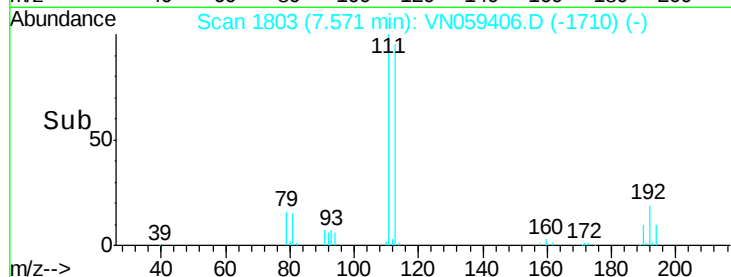
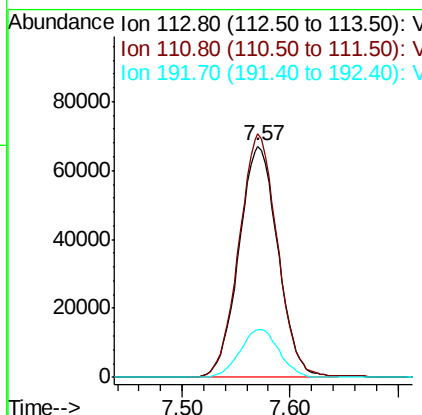
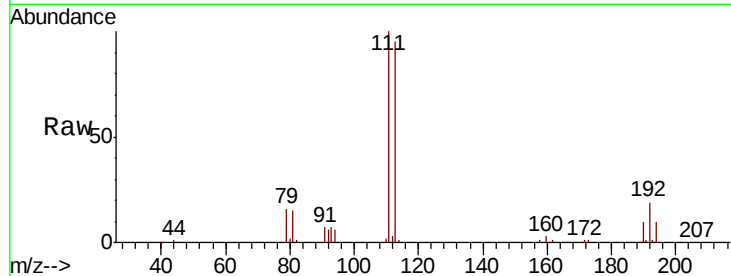




#35
 Dibromofluoromethane
 Concen: 49.813 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059406.D
 Acq: 26 Nov 2019 15:08

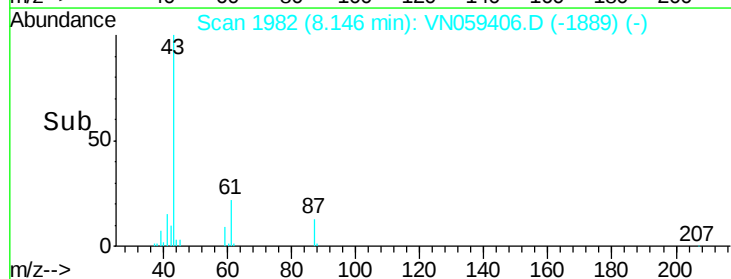
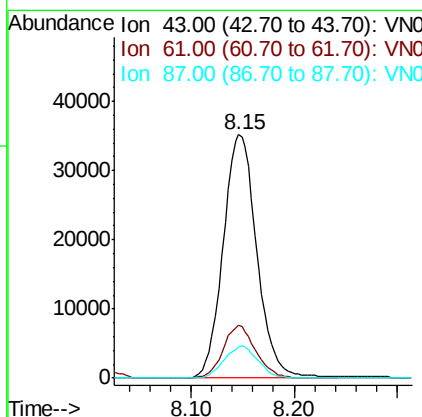
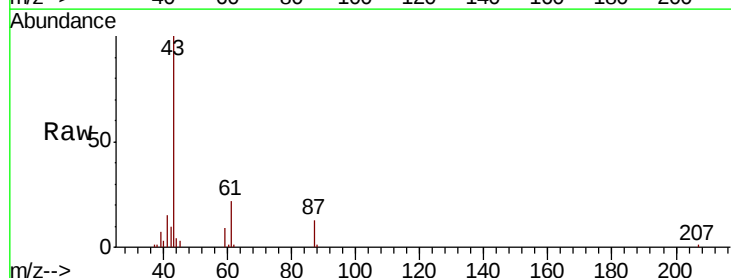
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-112519

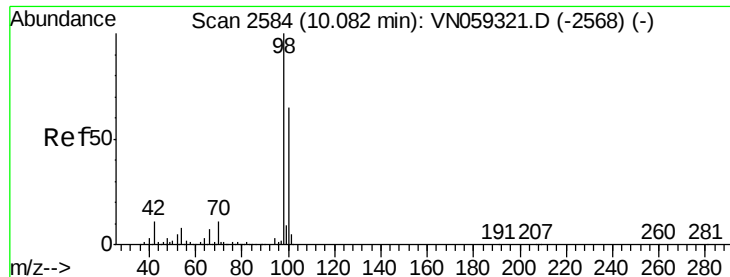
Tot Ion:113 Resp: 169152
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.7 124.1
 192 20.7 16.3 24.5



#43
 Isopropyl Acetate
 Concen: 8.345 ug/l
 RT: 8.15 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VN059406.D
 Acq: 26 Nov 2019 15:08

Tgt Ion: 43 Resp: 80085
 Ion Ratio Lower Upper
 43 100
 61 20.6 21.7 32.5#
 87 13.1 10.2 15.4





#50

Toluene-d8

Concen: 51.520 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059406.D

Acq: 26 Nov 2019 15:08

Instrument :

MSVOA_N

ClientSampleId :

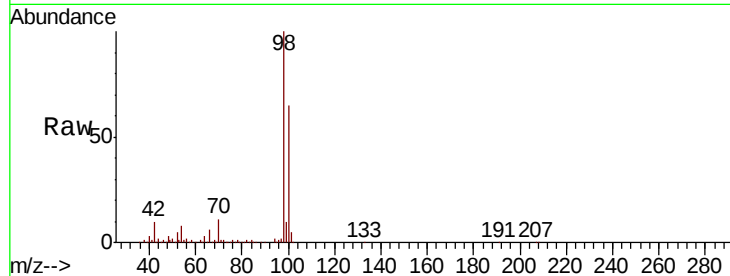
NB-07-112519

Tot Ion: 98 Resp: 695499

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

400000

300000

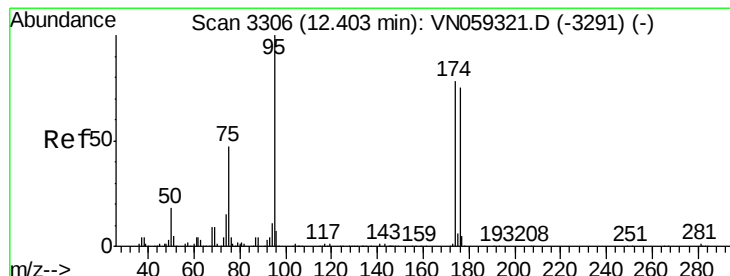
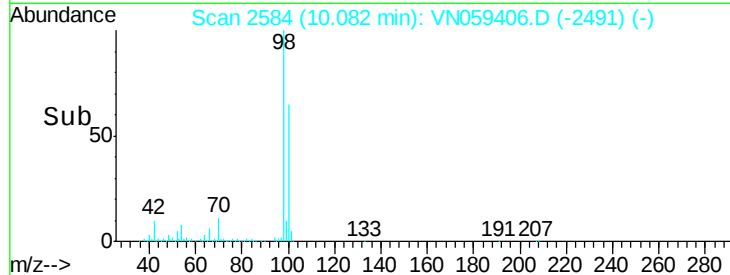
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 48.878 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059406.D

Acq: 26 Nov 2019 15:08

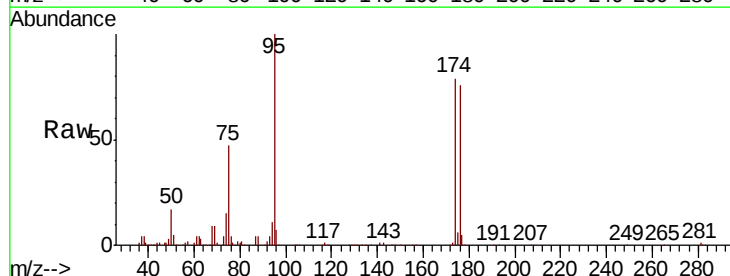
Tgt Ion: 95 Resp: 230714

Ion Ratio Lower Upper

95 100

174 78.2 0.0 157.4

176 76.0 0.0 151.2



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

12.40

150000

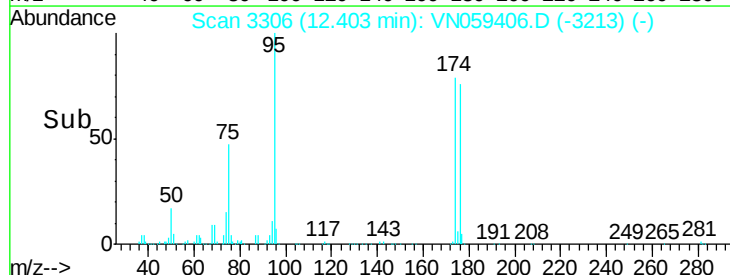
100000

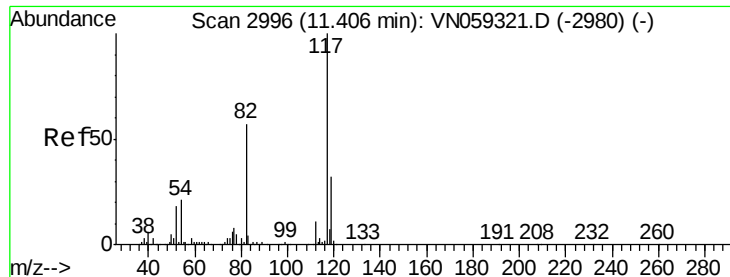
50000

0

Time-->

12.35 12.40 12.45

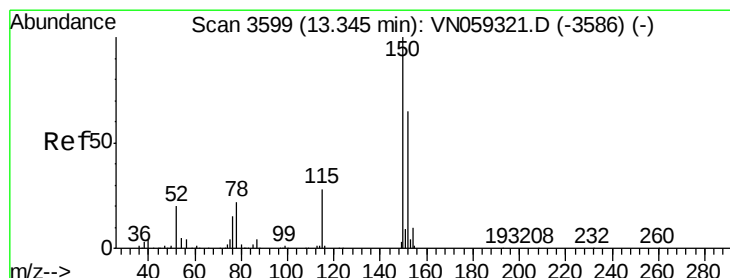
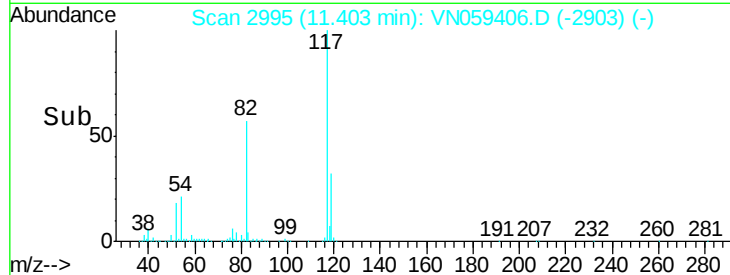
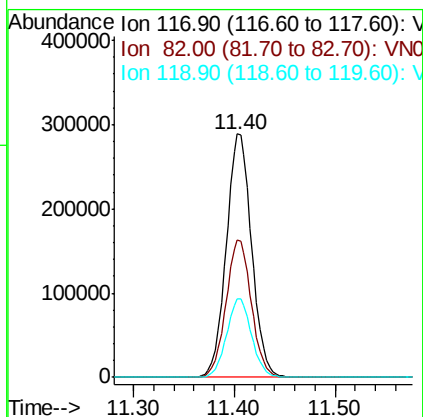
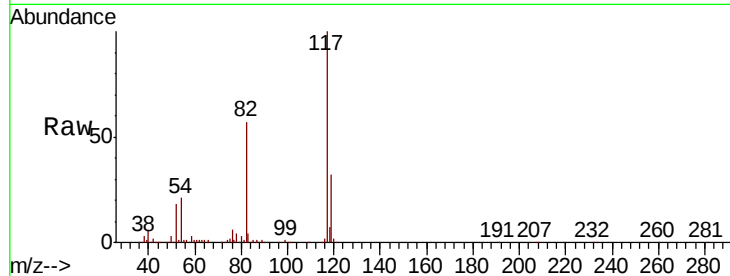




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059406.D
Acq: 26 Nov 2019 15:08

Instrument :
MSVOA_N
ClientSampleId :
NB-07-112519

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.7	68.5
119	32.1	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN059406.D
Acq: 26 Nov 2019 15:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.3	88.0
150	157.1	0.0	346.0

