

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090219\
 Data File : VN057639.D
 Acq On : 1 Sep 2019 13:05
 Operator : JC/SP
 Sample : K4527-33
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-N4-(1.9)

Quant Time: Sep 02 02:14:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

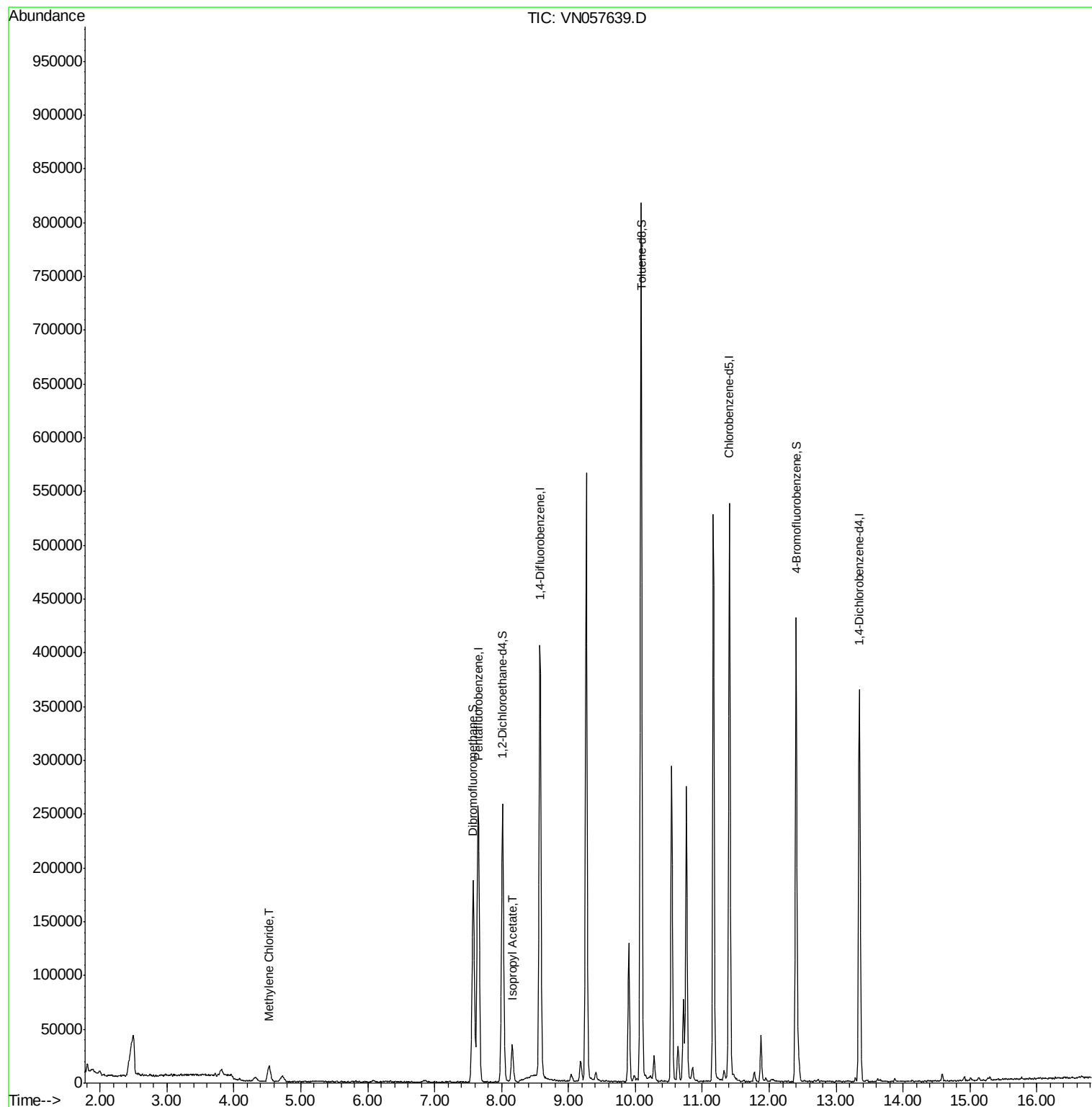
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	179022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	309941	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	266737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	92077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	218871	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
35) Dibromofluoromethane	7.58	113	131520	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	10.08	98	513892	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.40	95	153022	38.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.46%	
Target Compounds						
20) Methylene Chloride	4.52	84	9724	3.466	ug/l	98
43) Isopropyl Acetate	8.16	43	41875	5.946	ug/l	99

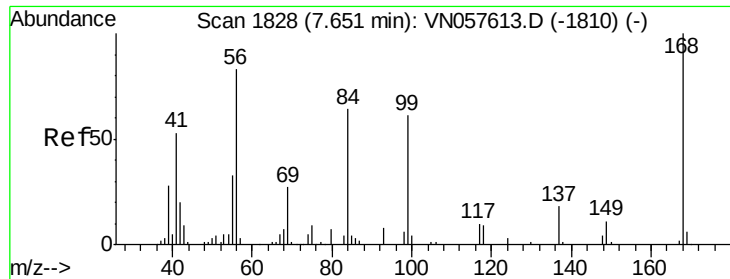
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 31 15:54:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

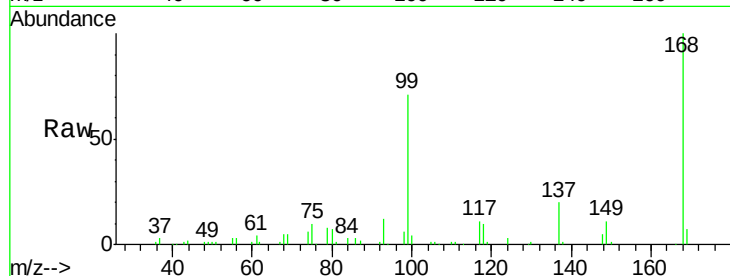
T9-12-13-N4-(1.9)

Tot Ion:168 Resp: 179022

Ion Ratio Lower Upper

168 100

99 71.4 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

80000

60000

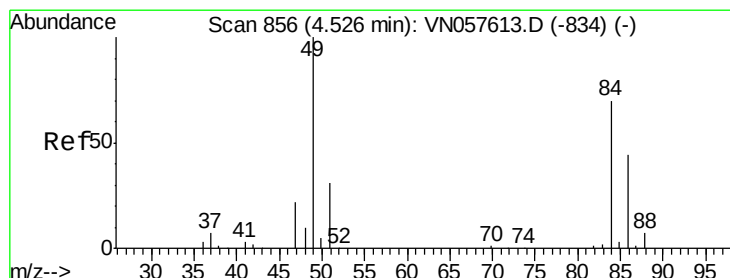
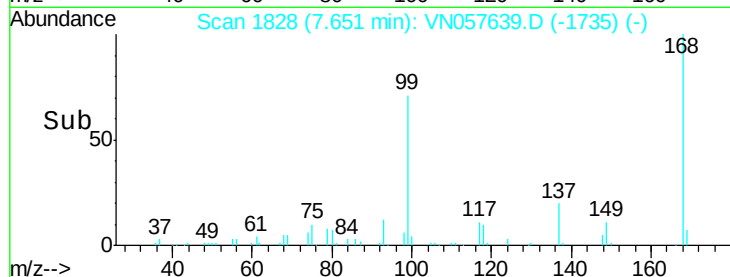
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#20

Methylene Chloride

Concen: 3.466 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

Tgt Ion: 84 Resp: 9724

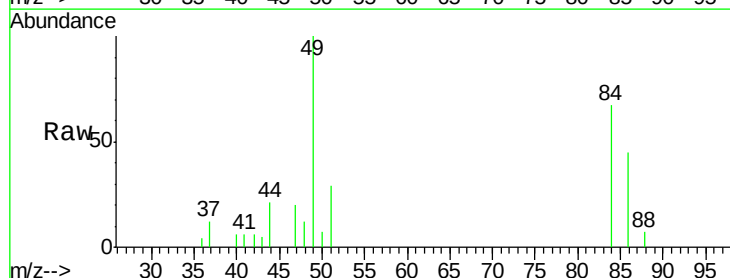
Ion Ratio Lower Upper

84 100

49 143.8 113.8 170.6

51 43.4 35.0 52.6

86 67.2 50.6 75.8



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

4.52

6000

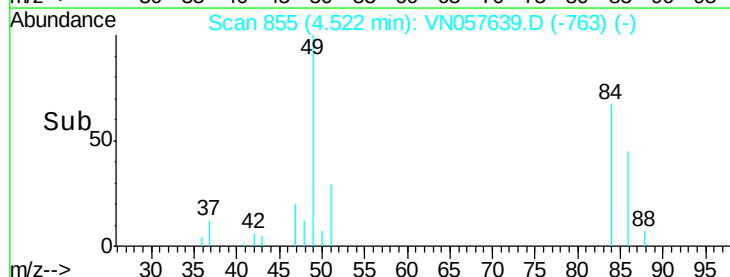
4000

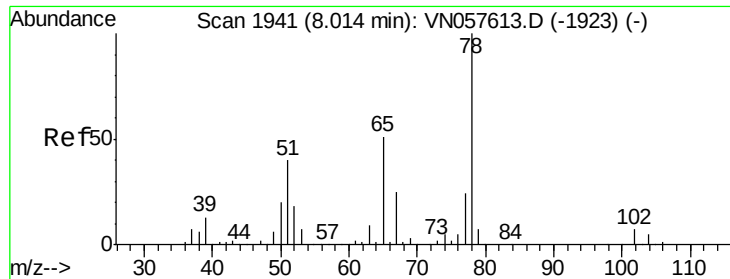
2000

0

4.45 4.50 4.55 4.60

Time-->

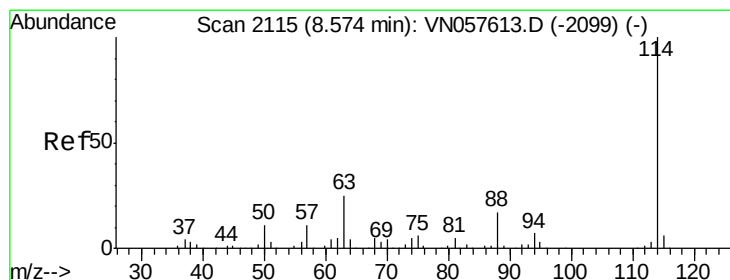
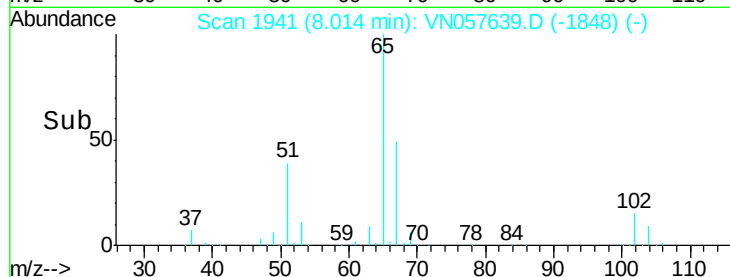
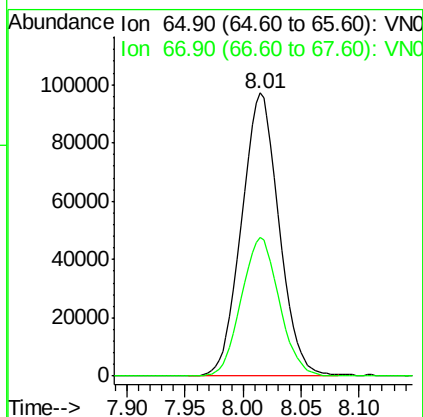
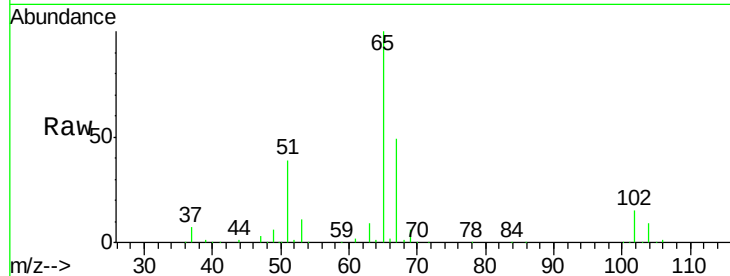




#33
 1,2-Dichloroethane-d4
 Concen: 54.121 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057639.D
 Acq: 1 Sep 2019 13:05

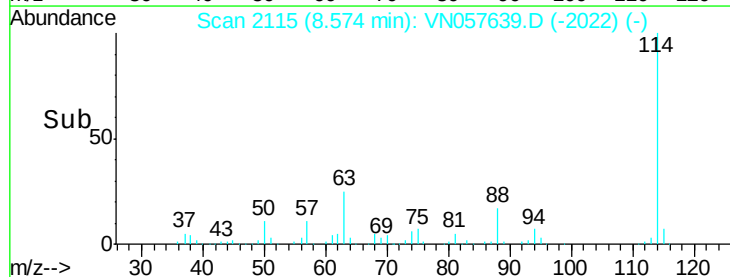
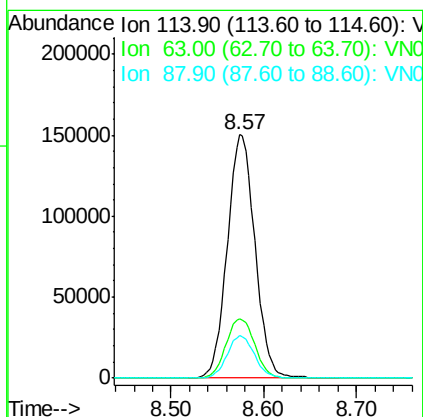
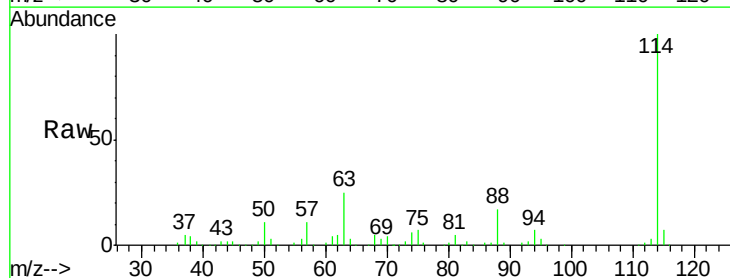
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-N4-(1.9)

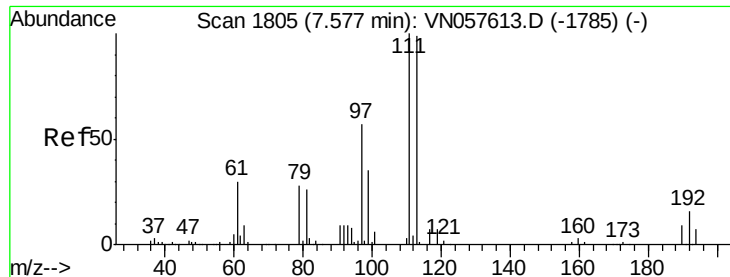
Tot Ion: 65 Resp: 218871
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057639.D
 Acq: 1 Sep 2019 13:05

Tgt Ion: 114 Resp: 309941
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 49.0
 88 17.3 0.0 33.0

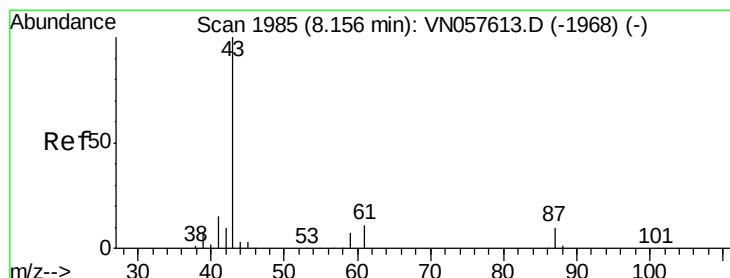
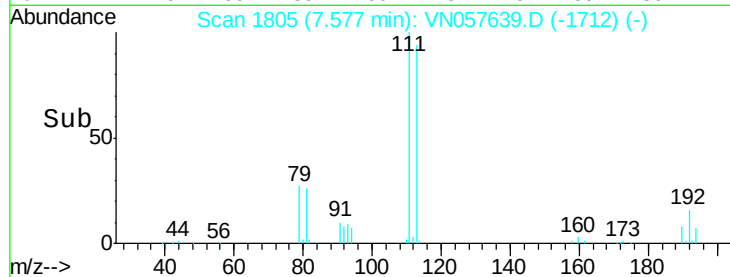
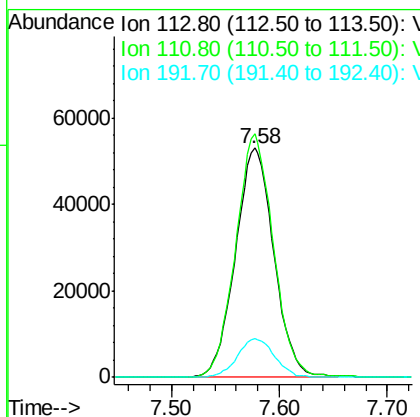
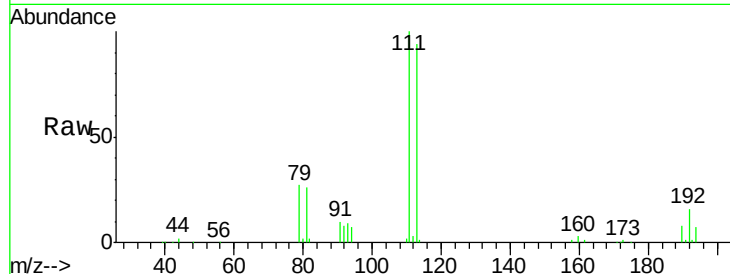




#35
 Dibromofluoromethane
 Concen: 48.591 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN057639.D
 Acq: 1 Sep 2019 13:05

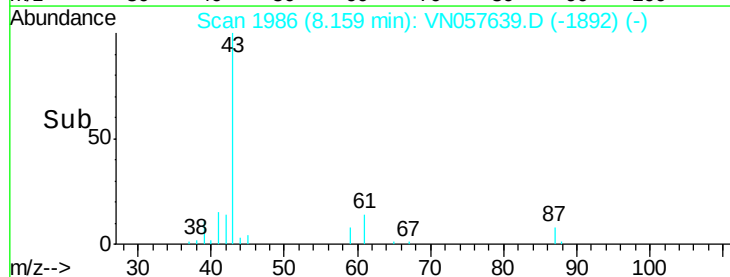
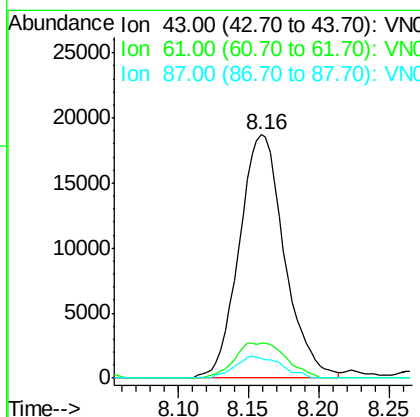
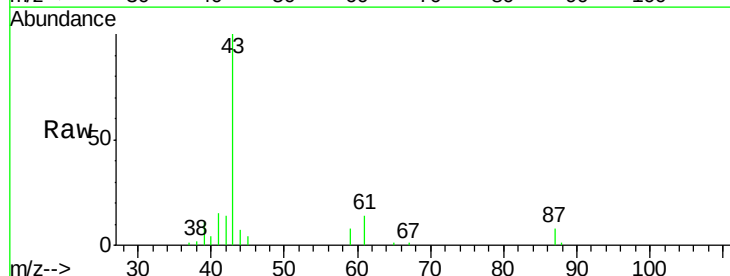
Instrument :
 MSVOA_N
 ClientSampleId :
 T9-12-13-N4-(1.9)

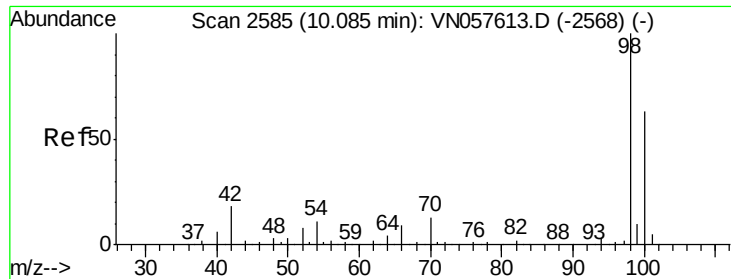
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.3	121.9
192	16.3	13.5	20.3



#43
 Isopropyl Acetate
 Concen: 5.946 ug/l
 RT: 8.16 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN057639.D
 Acq: 1 Sep 2019 13:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.5	13.1	19.7
87	9.1	8.1	12.1





#50

Toluene-d8

Concen: 49.453 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

Instrument :

MSVOA_N

ClientSampleId :

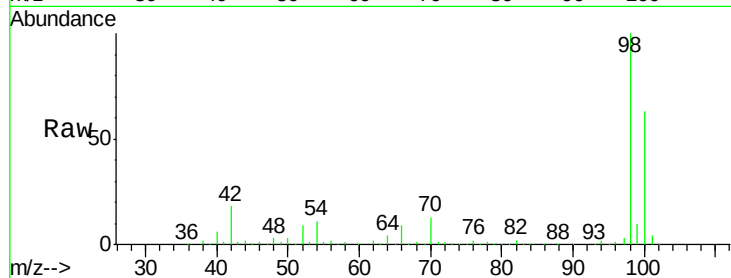
T9-12-13-N4-(1.9)

Tot Ion: 98 Resp: 513892

Ion Ratio Lower Upper

98 100

100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

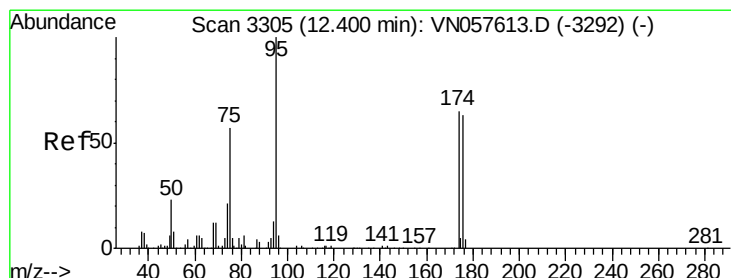
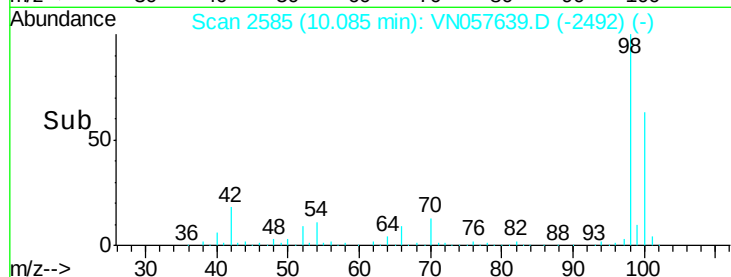
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 38.725 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057639.D

Acq: 1 Sep 2019 13:05

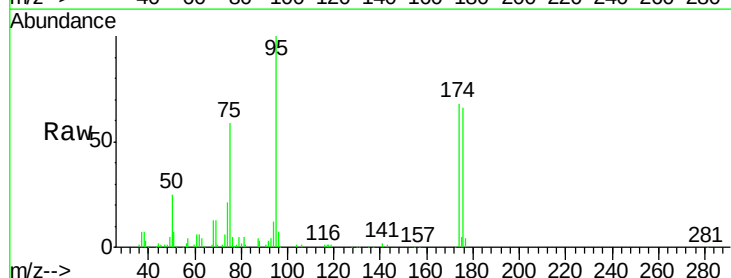
Tgt Ion: 95 Resp: 153022

Ion Ratio Lower Upper

95 100

174 67.7 0.0 134.8

176 63.6 0.0 131.6



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

100000

80000

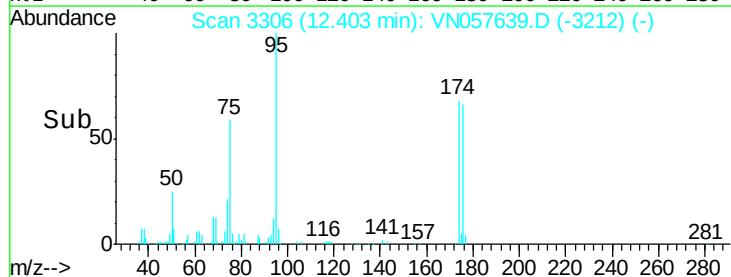
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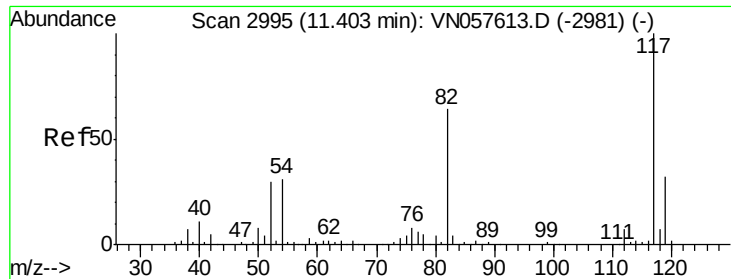
40000

20000

0

Time-->

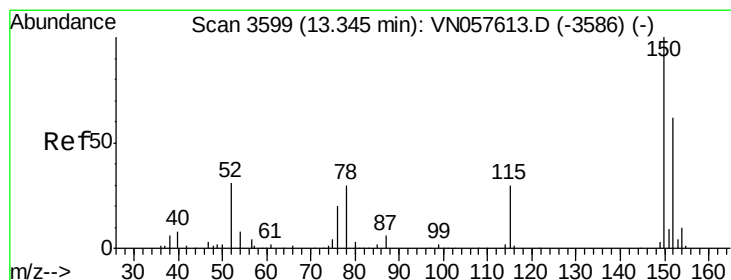
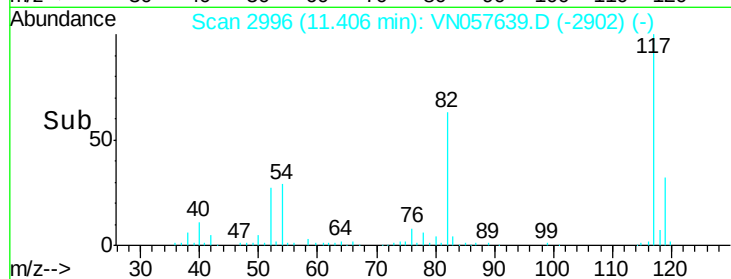
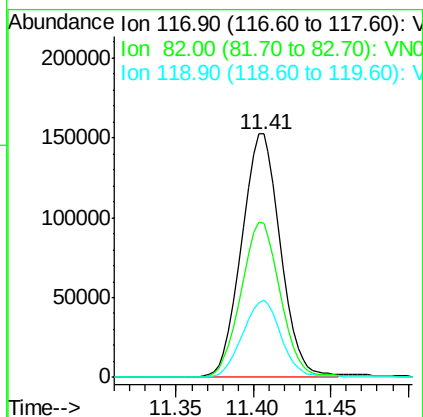
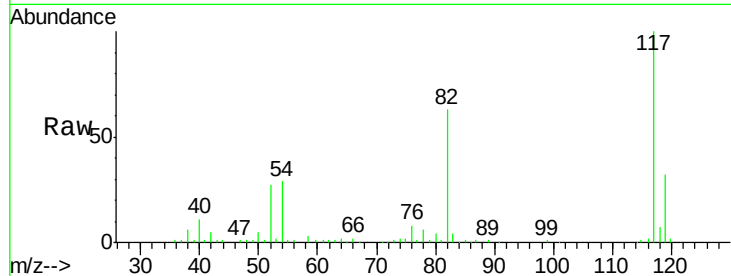




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

Instrument :
MSVOA_N
ClientSampleId :
T9-12-13-N4-(1.9)

Tot Ion:117 Resp: 266737
Ion Ratio Lower Upper
117 100
82 63.2 51.6 77.4
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057639.D
Acq: 1 Sep 2019 13:05

Tgt Ion:152 Resp: 92077
Ion Ratio Lower Upper
152 100
115 63.5 33.2 99.6
150 156.5 0.0 365.2

