

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058767.D
 Acq On : 14 Oct 2019 22:26
 Operator : JC/SP
 Sample : K5331-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11

Quant Time: Oct 15 04:30:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

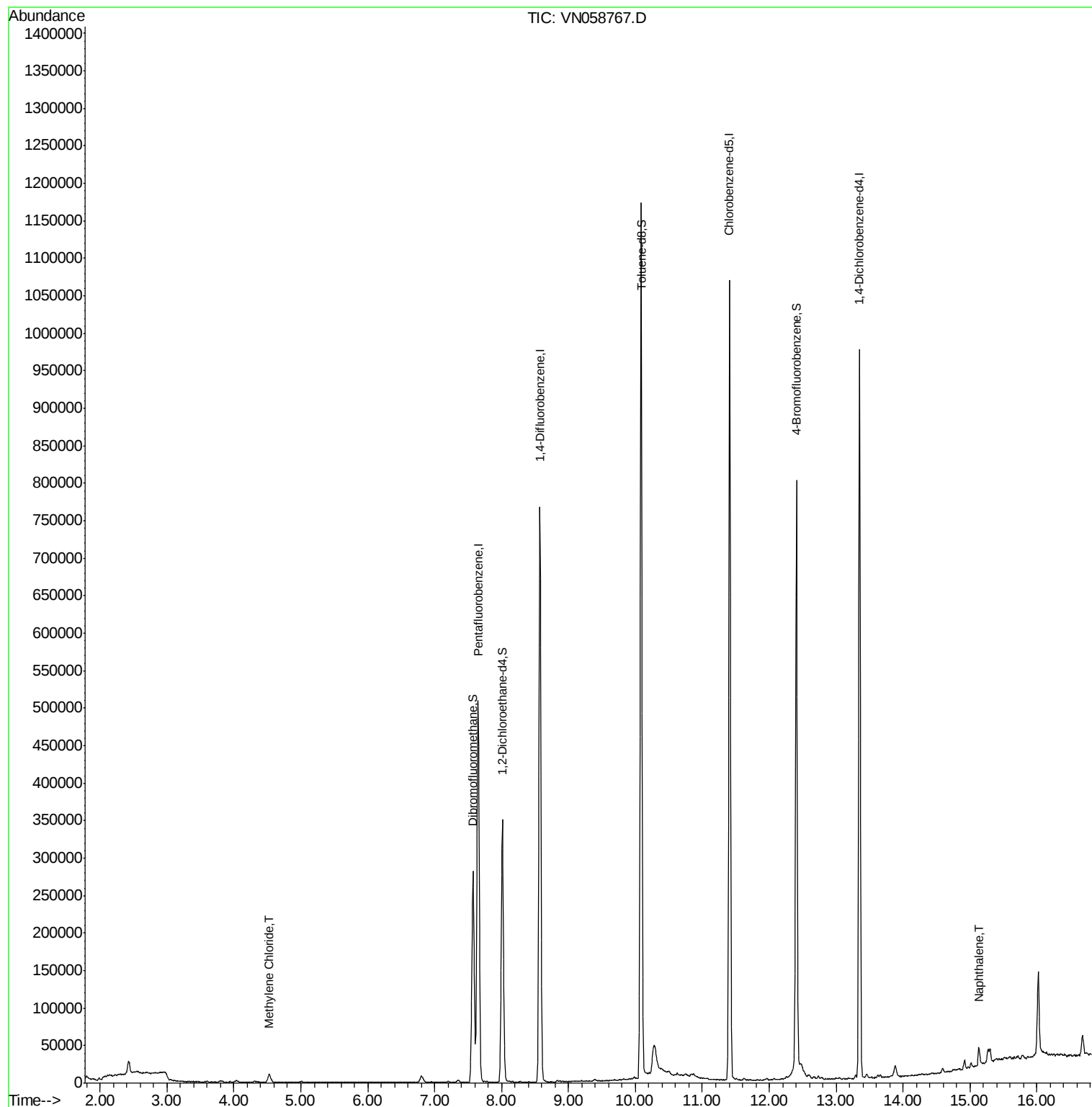
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	395340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	658095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	593674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	245168	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	303921	54.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.82%	
35) Dibromofluoromethane	7.57	113	212214	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
50) Toluene-d8	10.08	98	791930	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	12.41	95	266221	43.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.54%	
Target Compounds						
20) Methylene Chloride	4.53	84	7940	1.658	ug/l	96
95) Naphthalene	15.13	128	17694	1.300	ug/l	98

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

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Quant Title : SW846 8260
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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: VN058767.D

Acq: 14 Oct 2019 22:26

Instrument :

MSVOA_N

ClientSampleId :

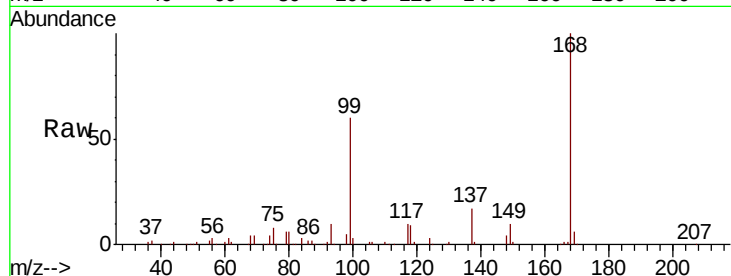
TP-11

Tot Ion:168 Resp: 395340

Ion Ratio Lower Upper

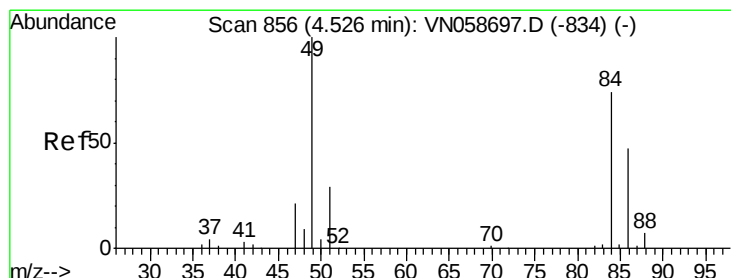
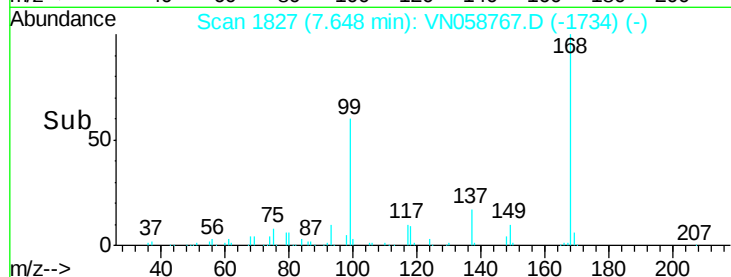
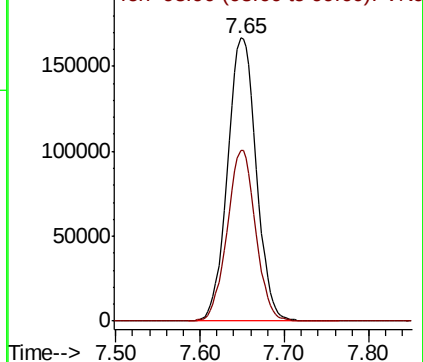
168 100

99 60.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.658 ug/l

RT: 4.53 min Scan# 856

Delta R.T. -0.00 min

Lab File: VN058767.D

Acq: 14 Oct 2019 22:26

Tgt Ion: 84 Resp: 7940

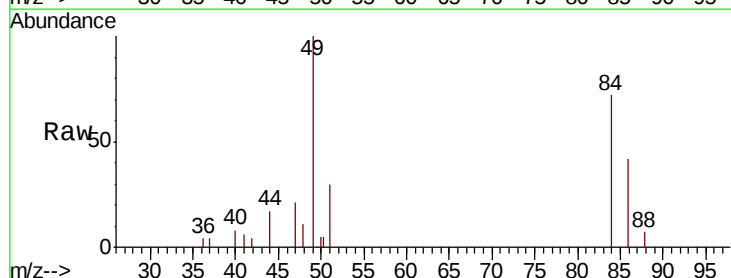
Ion Ratio Lower Upper

84 100

49 139.3 107.6 161.4

51 41.3 31.4 47.0

86 58.7 50.3 75.5

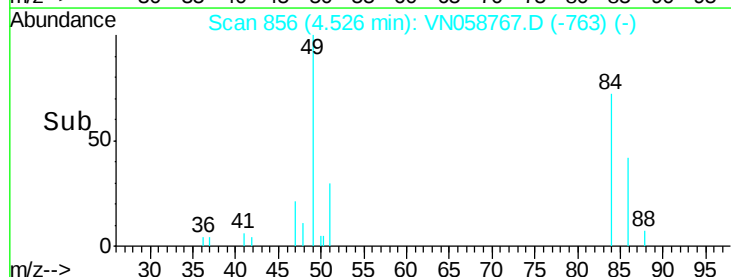
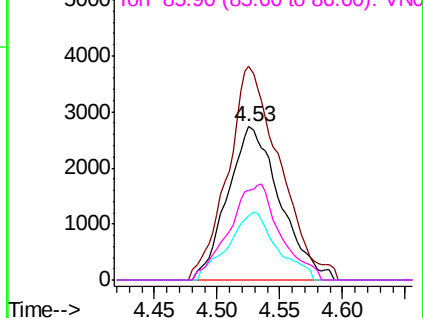


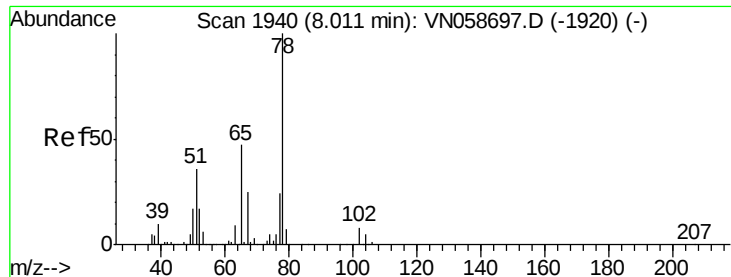
Abundance Ion 83.90 (83.60 to 84.60): VNO

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

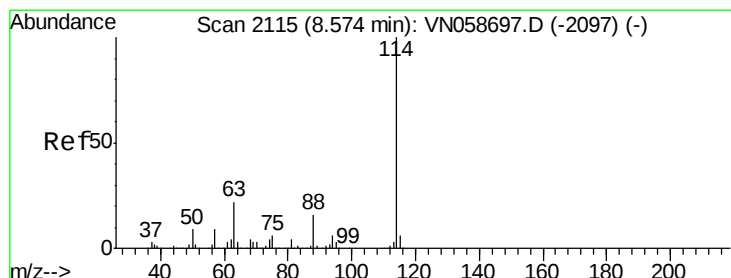
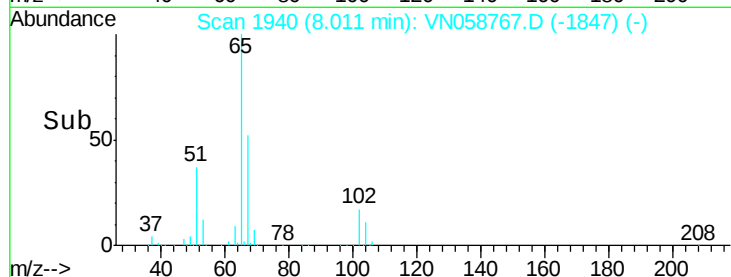
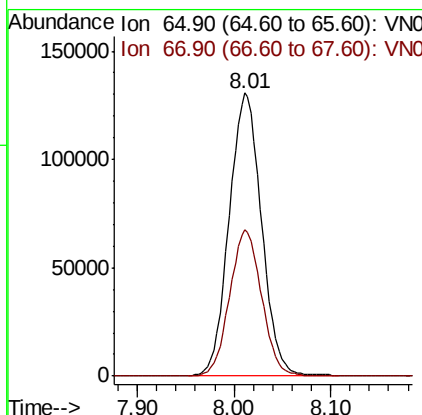
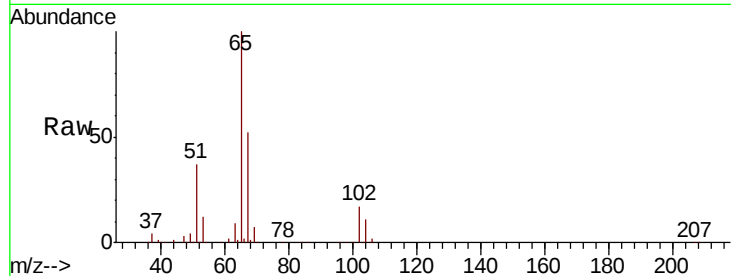




#33
 1,2-Dichloroethane-d4
 Concen: 54.912 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058767.D
 Acq: 14 Oct 2019 22:26

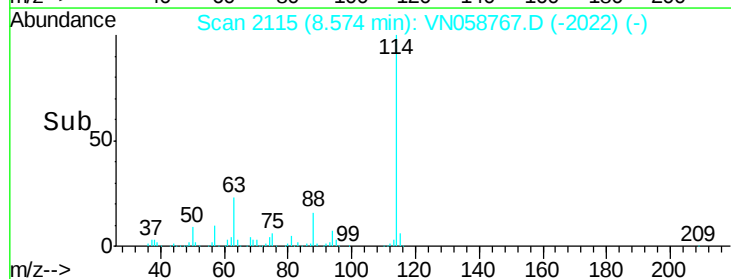
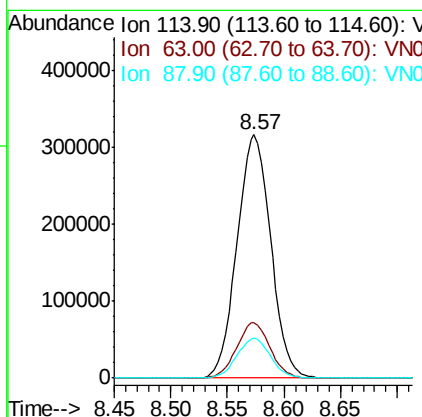
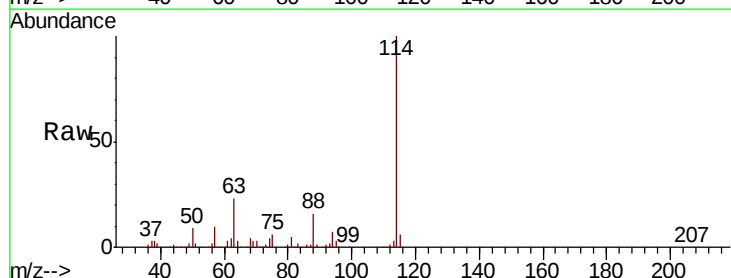
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11

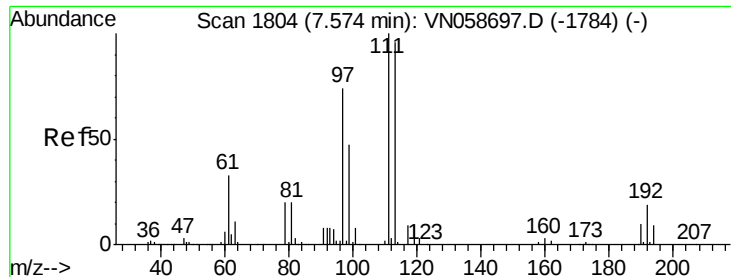
Tot Ion: 65 Resp: 303921
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058767.D
 Acq: 14 Oct 2019 22:26

Tgt Ion: 114 Resp: 658095
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.8
 88 16.3 0.0 32.0

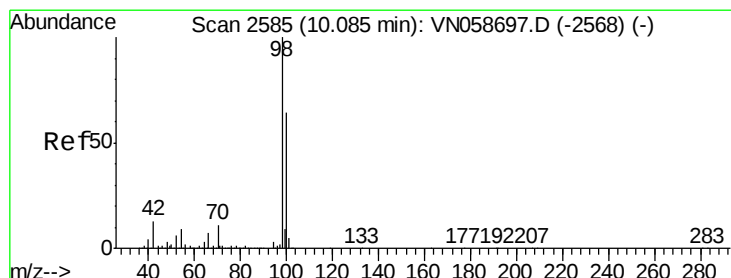
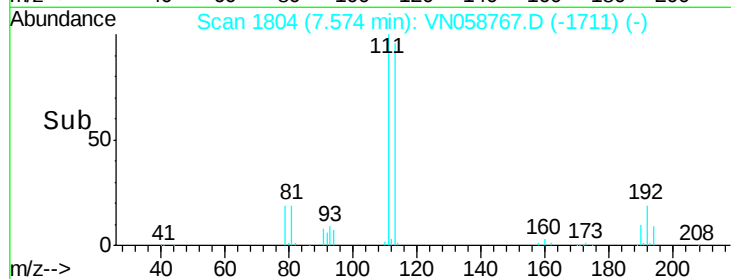
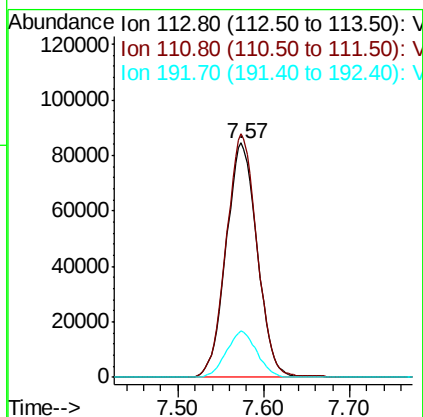
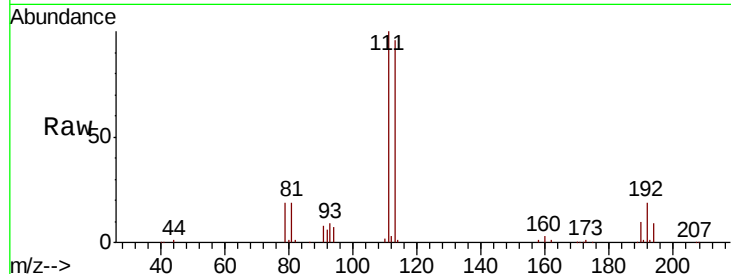




#35
 Dibromofluoromethane
 Concen: 52.206 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058767.D
 Acq: 14 Oct 2019 22:26

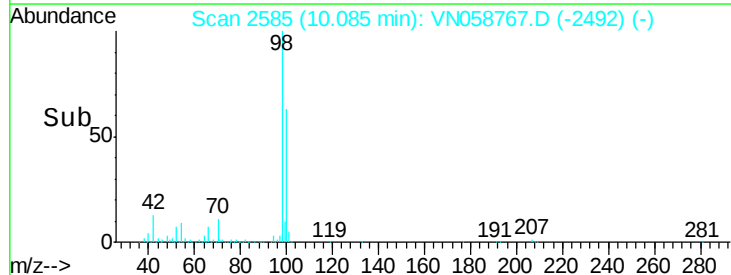
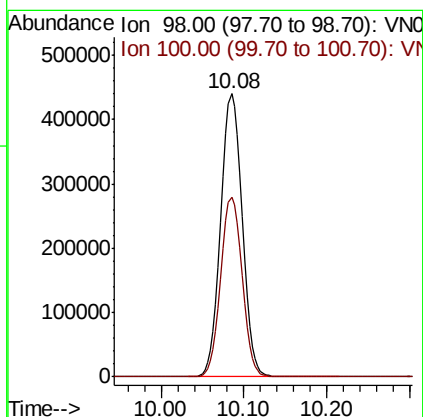
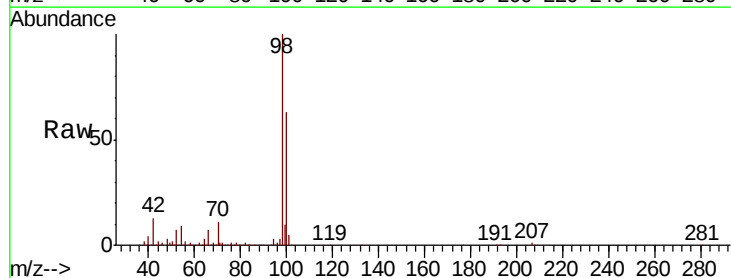
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11

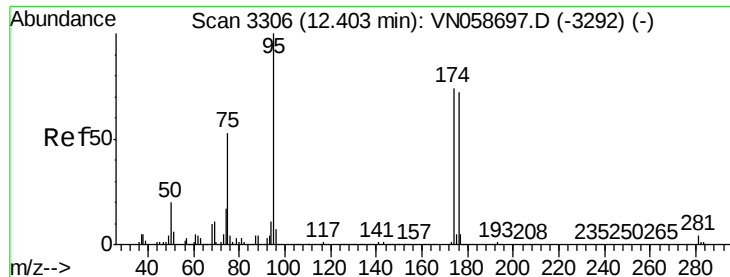
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.3	123.5
192	19.3	15.0	22.6



#50
 Toluene-d8
 Concen: 48.719 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN058767.D
 Acq: 14 Oct 2019 22:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 43.267 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058767.D

Acq: 14 Oct 2019 22:26

Instrument :

MSVOA_N

ClientSampled :

TP-11

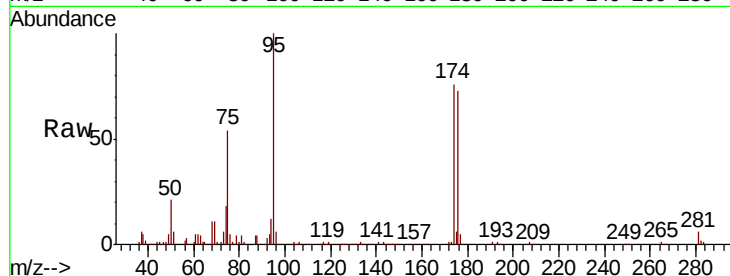
Tot Ion: 95 Resp: 266221

Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.4

176 72.9 0.0 146.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

12.41

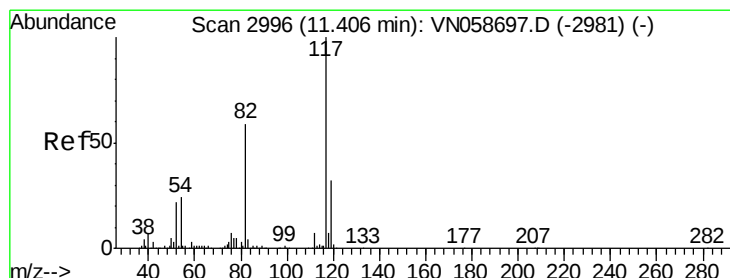
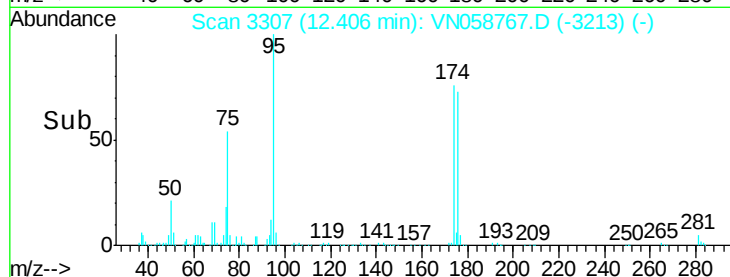
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN058767.D

Acq: 14 Oct 2019 22:26

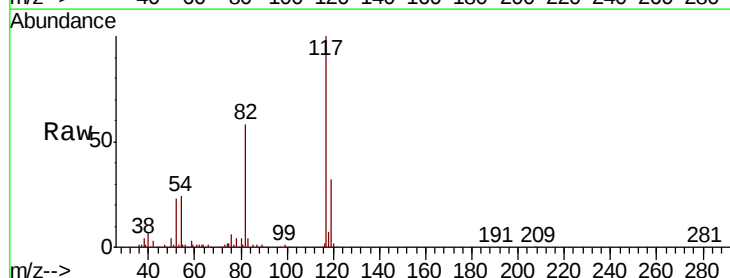
Tgt Ion: 117 Resp: 593674

Ion Ratio Lower Upper

117 100

82 57.7 47.0 70.4

119 31.7 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

11.41

400000

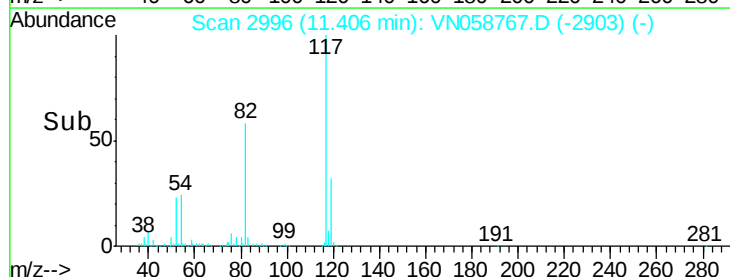
300000

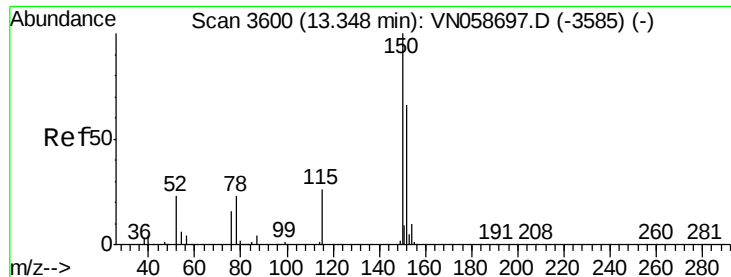
200000

100000

0

Time--> 11.30 11.40 11.50



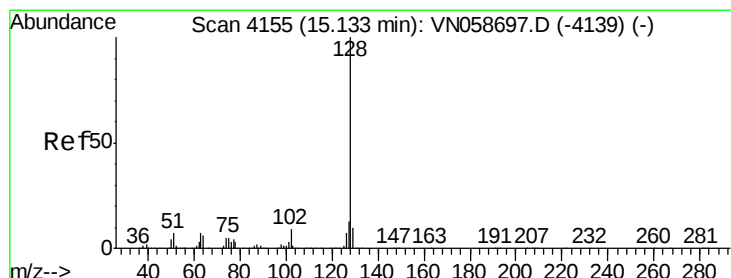
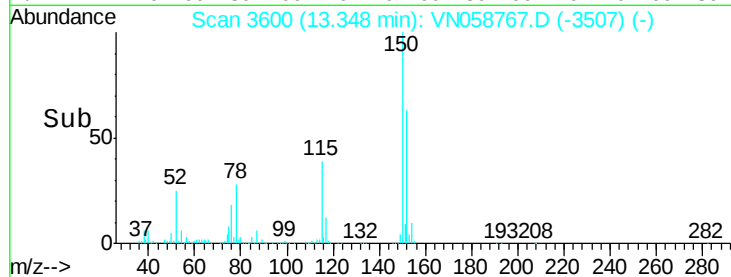
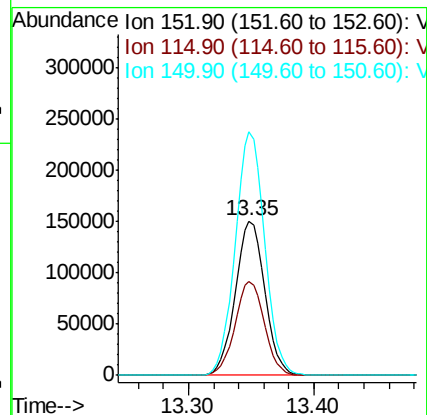
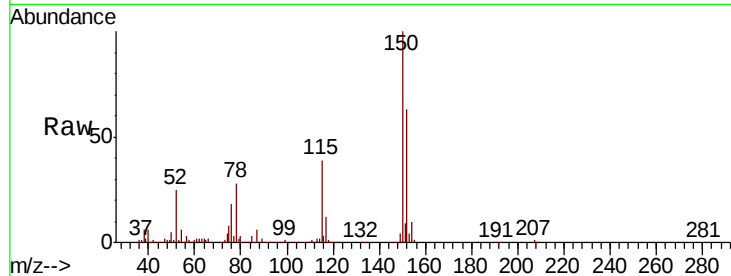


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058767.D
Acq: 14 Oct 2019 22:26

Instrument :
MSVOA_N
ClientSampleId :
TP-11

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.4	91.2
150	157.4	0.0	345.4



#95

Naphthalene
Concen: 1.300 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN058767.D
Acq: 14 Oct 2019 22:26

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.2	15.4
129	10.4	8.5	12.7

