

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101019\
 Data File : VN058653.D
 Acq On : 9 Oct 2019 20:16
 Operator : JC/SP
 Sample : K5238-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-COMP

Quant Time: Oct 10 05:20:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

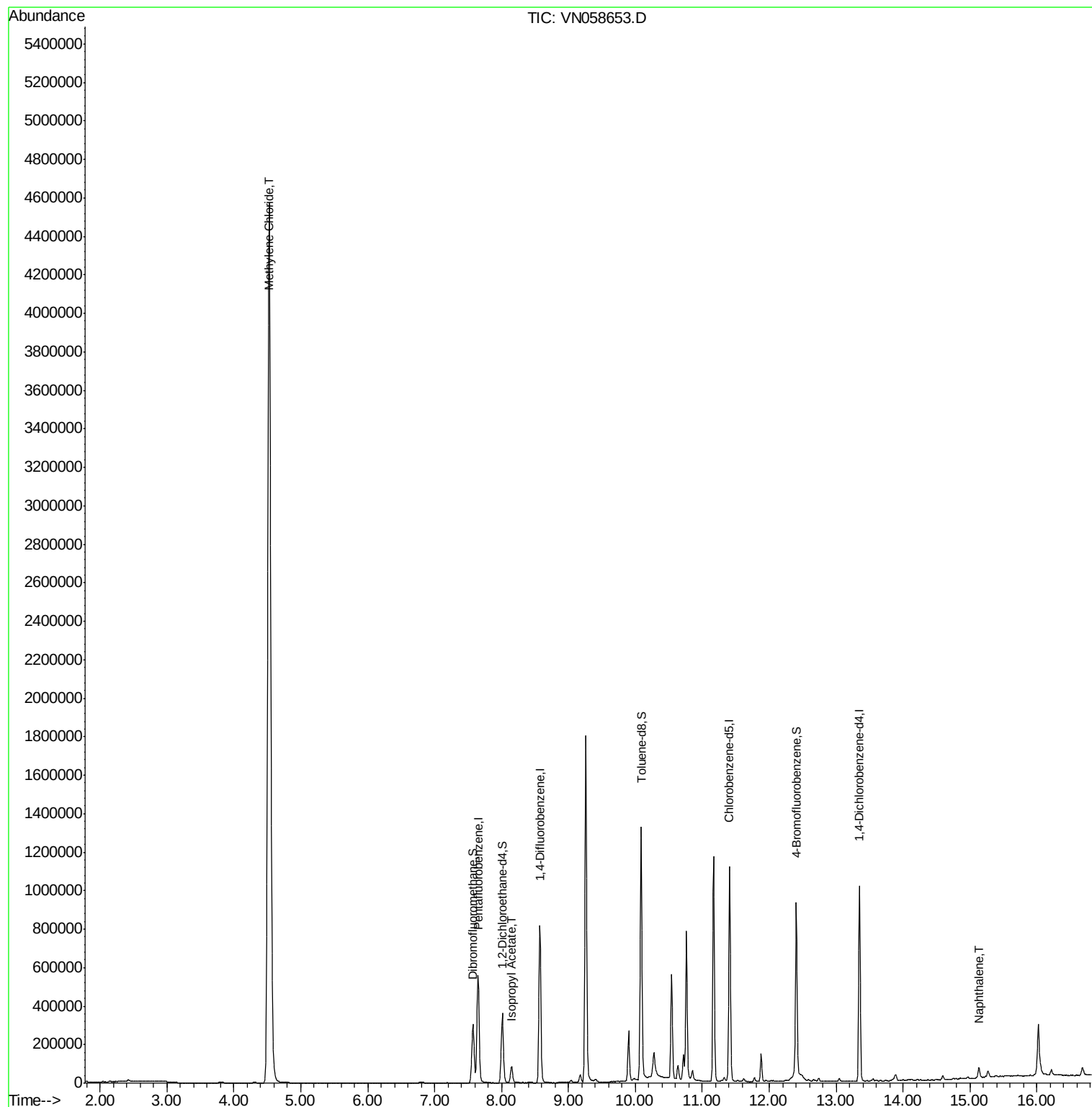
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	448242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	713669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	639119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	262623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	316676	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
35) Dibromofluoromethane	7.57	113	233776	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
50) Toluene-d8	10.08	98	919574	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
62) 4-Bromofluorobenzene	12.40	95	302548	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
Target Compounds						
20) Methylene Chloride	4.53	84	3440741	667.711	ug/l	97
43) Isopropyl Acetate	8.15	43	106114	9.753	ug/l	99
95) Naphthalene	15.13	128	38343	2.961	ug/l	98

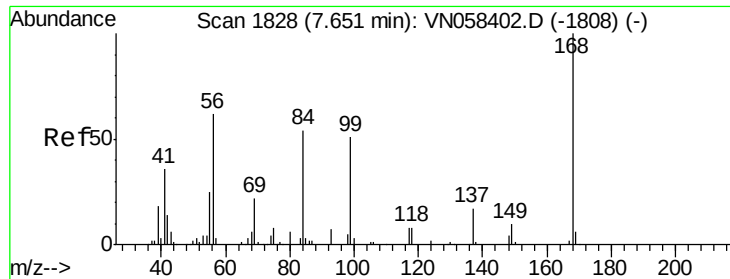
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058653.D

Acq: 9 Oct 2019 20:16

Instrument :

MSVOA_N

ClientSampleId :

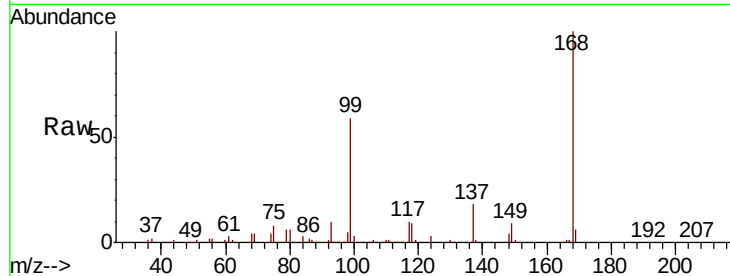
TP-COMP

Tot Ion:168 Resp: 448242

Ion Ratio Lower Upper

168 100

99 59.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

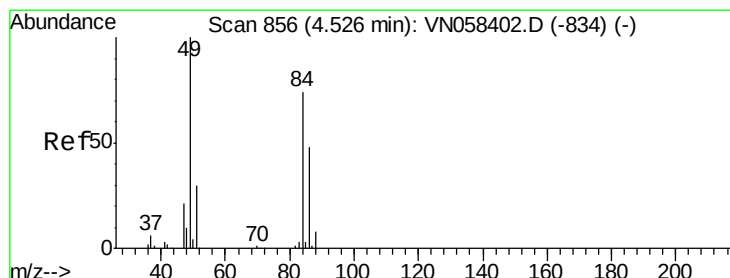
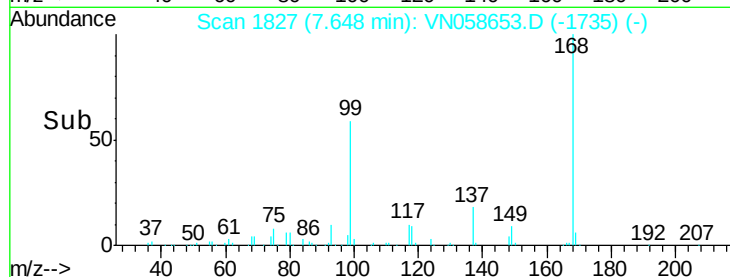
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 667.711 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058653.D

Acq: 9 Oct 2019 20:16

Tgt Ion: 84 Resp: 3440741

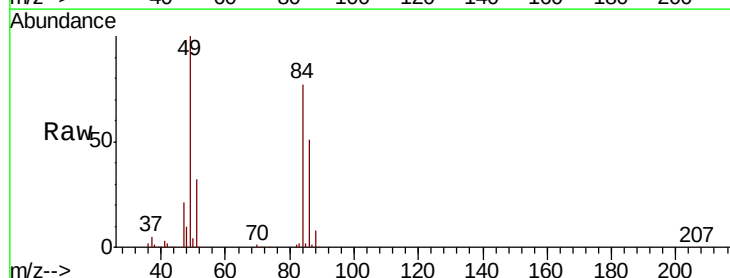
Ion Ratio Lower Upper

84 100

49 129.2 107.9 161.9

51 41.1 32.8 49.2

86 65.4 51.5 77.3



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

2000000

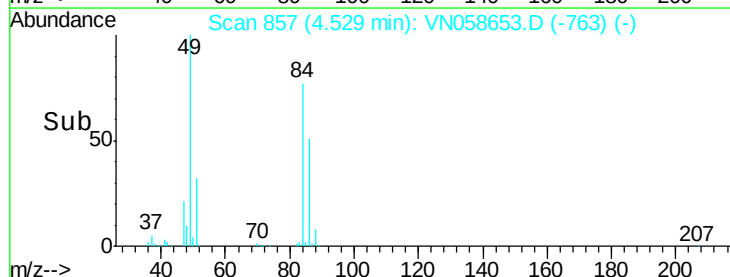
1500000

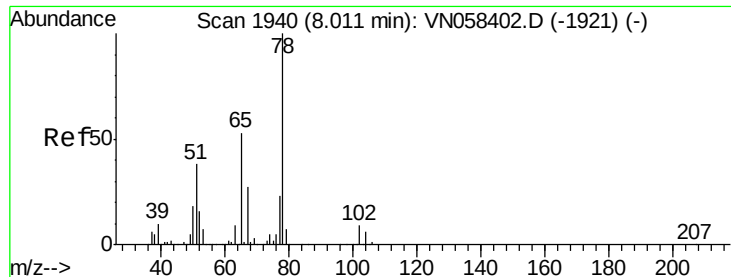
1000000

500000

0

Time--> 4.40 4.60 4.80

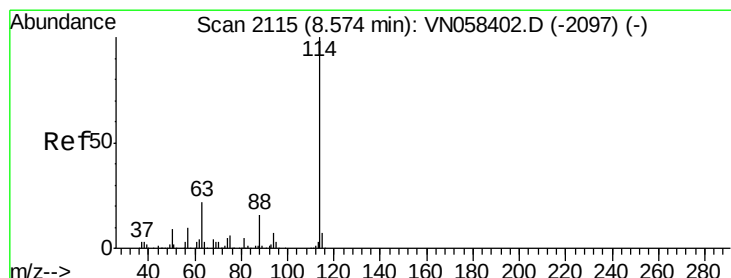
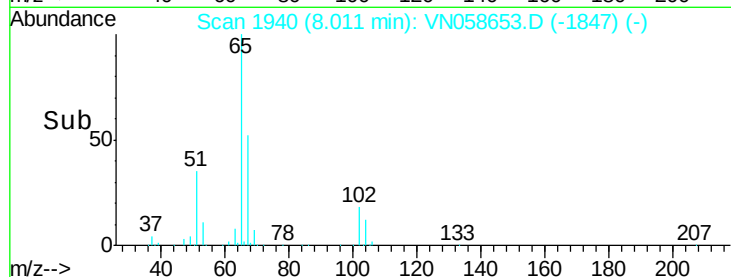
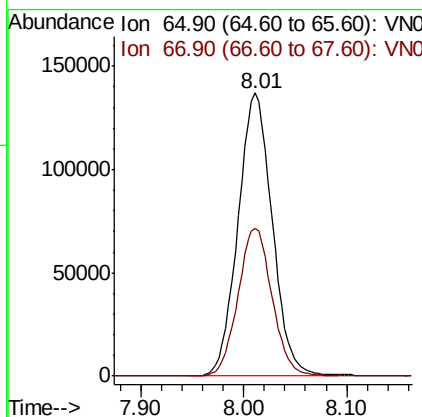
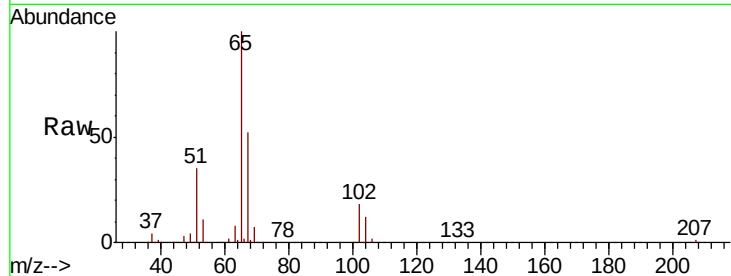




#33
 1,2-Dichloroethane-d4
 Concen: 48.345 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058653.D
 Acq: 9 Oct 2019 20:16

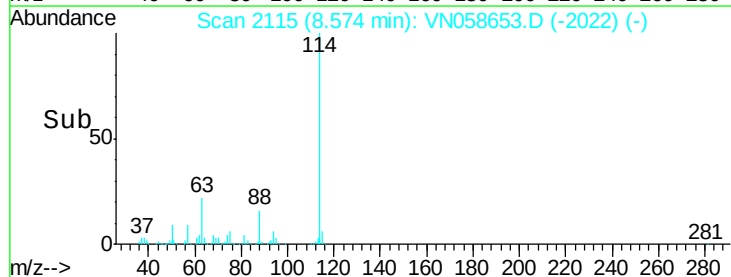
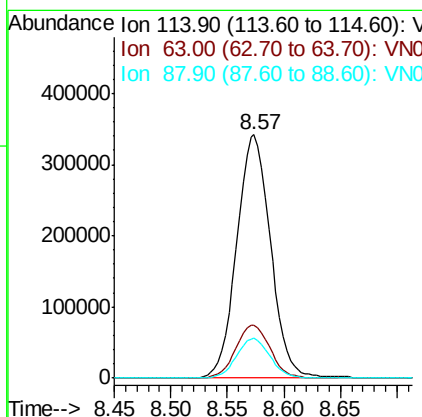
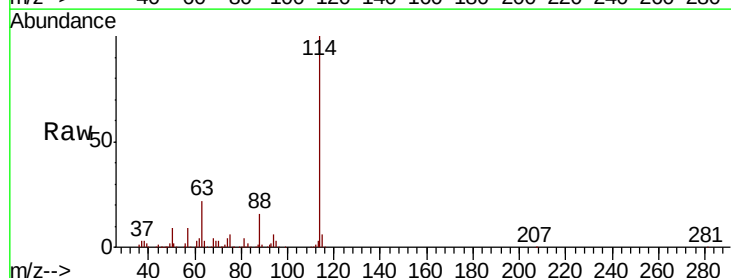
Instrument :
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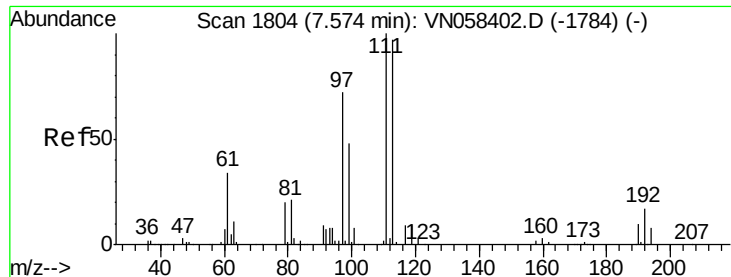
Tot Ion: 65 Resp: 316676
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058653.D
 Acq: 9 Oct 2019 20:16

Tgt Ion: 114 Resp: 713669
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.0
 88 16.3 0.0 32.2

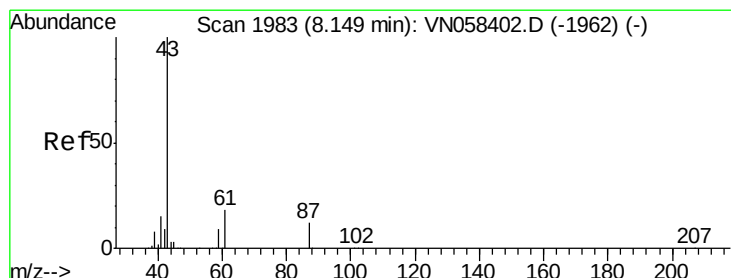
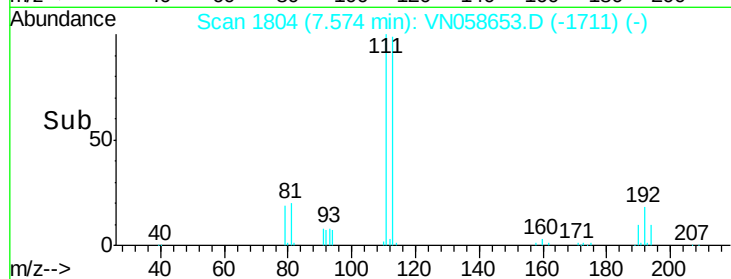
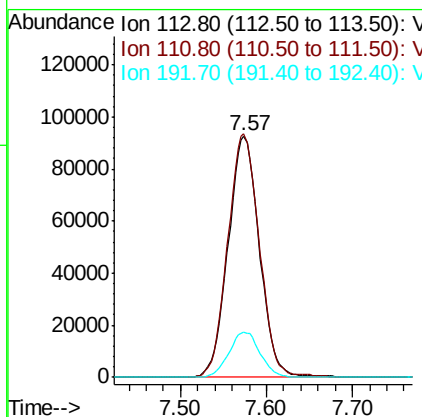
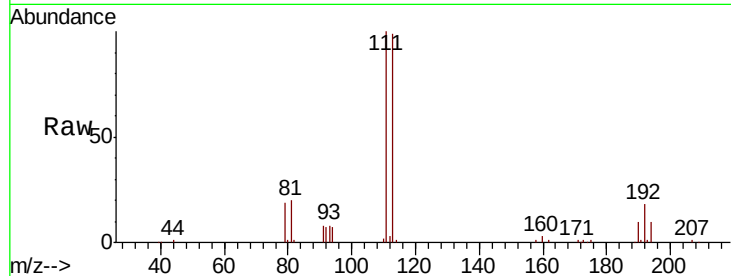




#35
 Dibromofluoromethane
 Concen: 53.447 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058653.D
 Acq: 9 Oct 2019 20:16

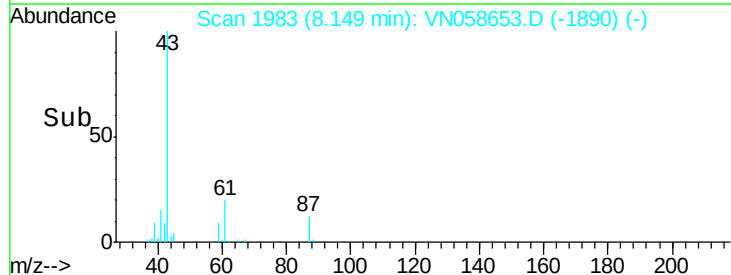
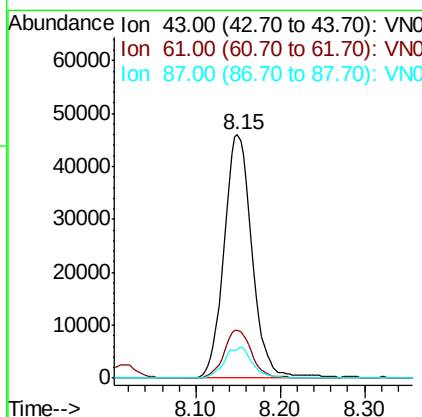
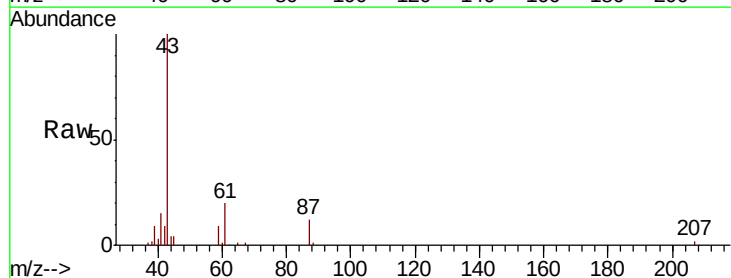
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-COMP

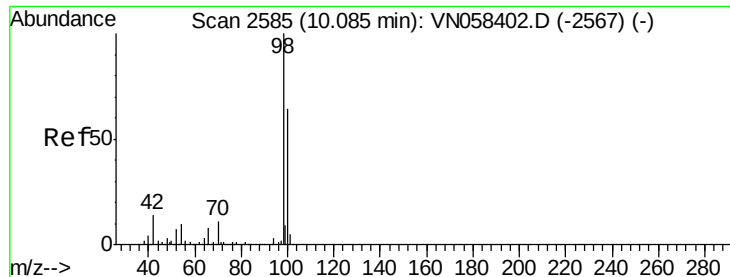
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.4	125.2
192	18.8	14.9	22.3



#43
 Isopropyl Acetate
 Concen: 9.753 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058653.D
 Acq: 9 Oct 2019 20:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.8	22.2
87	12.6	9.7	14.5





#50

Toluene-d8

Concen: 53.667 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058653.D

Acq: 9 Oct 2019 20:16

Instrument :

MSVOA_N

ClientSampled :

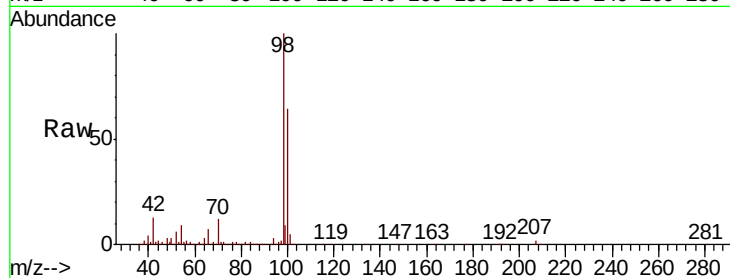
TP-COMP

Tot Ion: 98 Resp: 919574

Ion Ratio Lower Upper

98 100

100 63.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

500000

400000

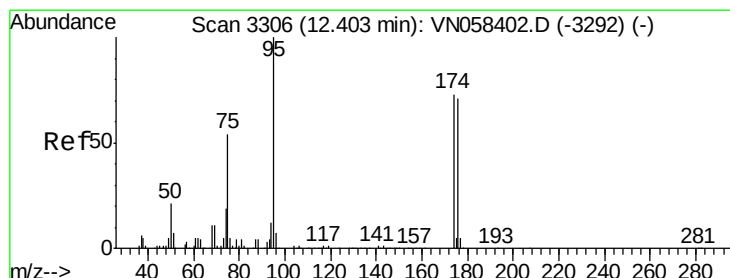
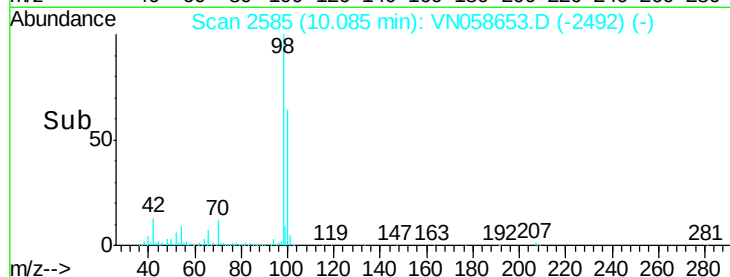
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.833 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058653.D

Acq: 9 Oct 2019 20:16

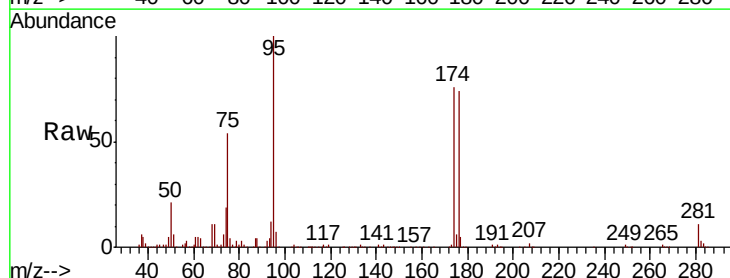
Tgt Ion: 95 Resp: 302548

Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.6

176 74.8 0.0 146.2



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

200000

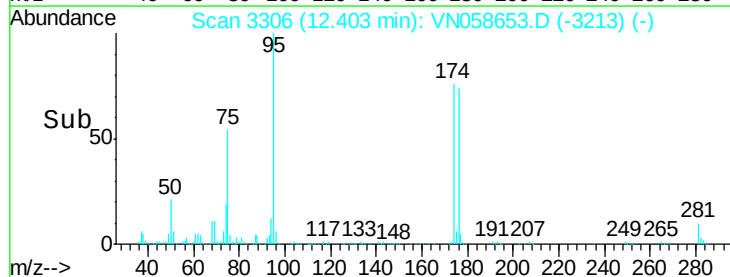
150000

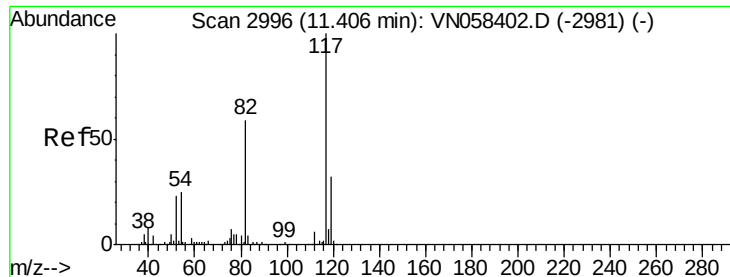
100000

50000

0

Time-->

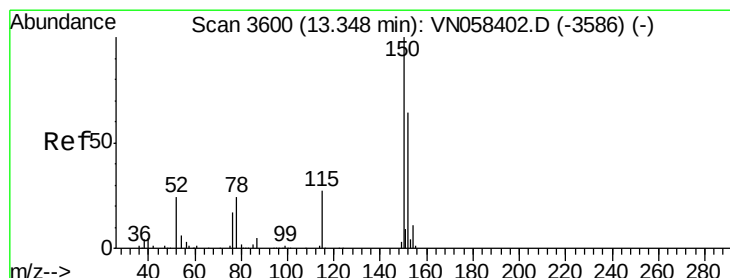
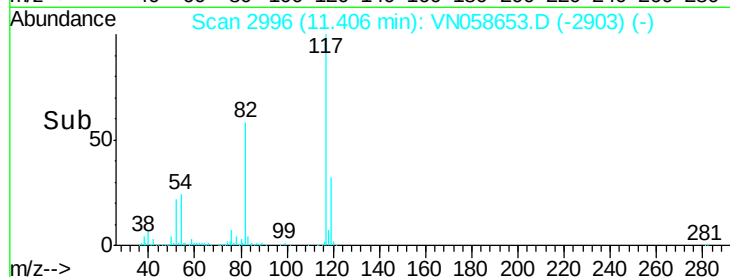
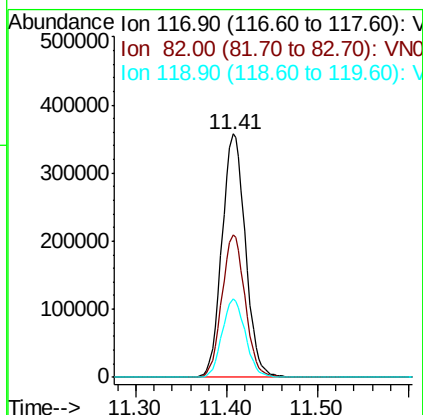
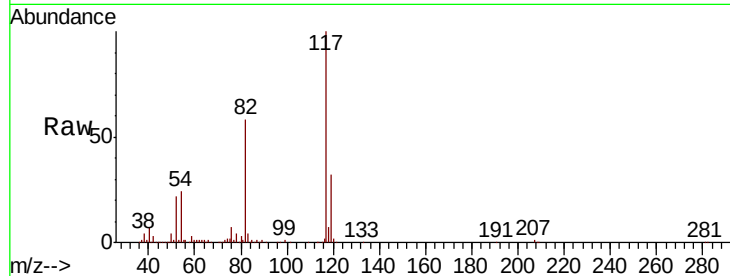




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058653.D
Acq: 9 Oct 2019 20:16

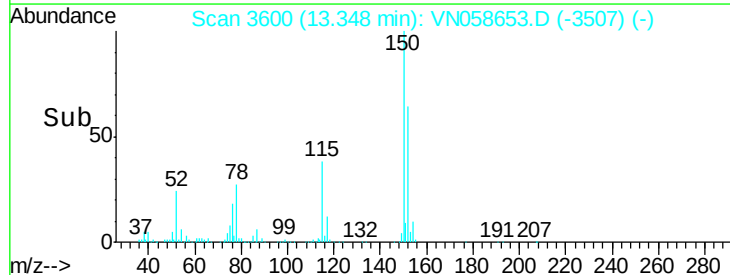
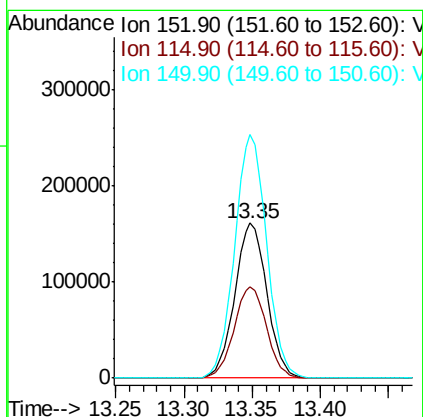
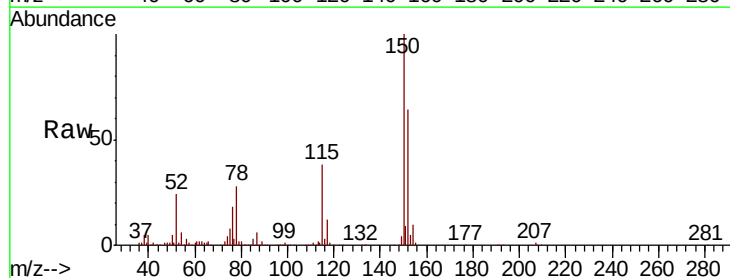
Instrument :
MSVOA_N
ClientSampleId :
TP-COMP

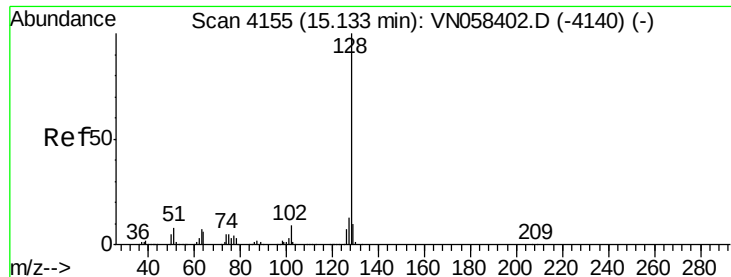
Tot Ion:117 Resp: 639119
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.0
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058653.D
Acq: 9 Oct 2019 20:16

Tgt Ion:152 Resp: 262623
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.0
150 156.9 0.0 348.2





#95
Naphthalene
Concen: 2.961 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058653.D
Acq: 9 Oct 2019 20:16

Instrument :
MSVOA_N
ClientSampleId :
TP-COMP

Tot Ion:128 Resp: 38343
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 11.2 8.3 12.5

