

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102519\
 Data File : VN058966.D
 Acq On : 24 Oct 2019 17:02
 Operator : JC/SP
 Sample : K5486-04RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-191021RE

Quant Time: Oct 25 02:33:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

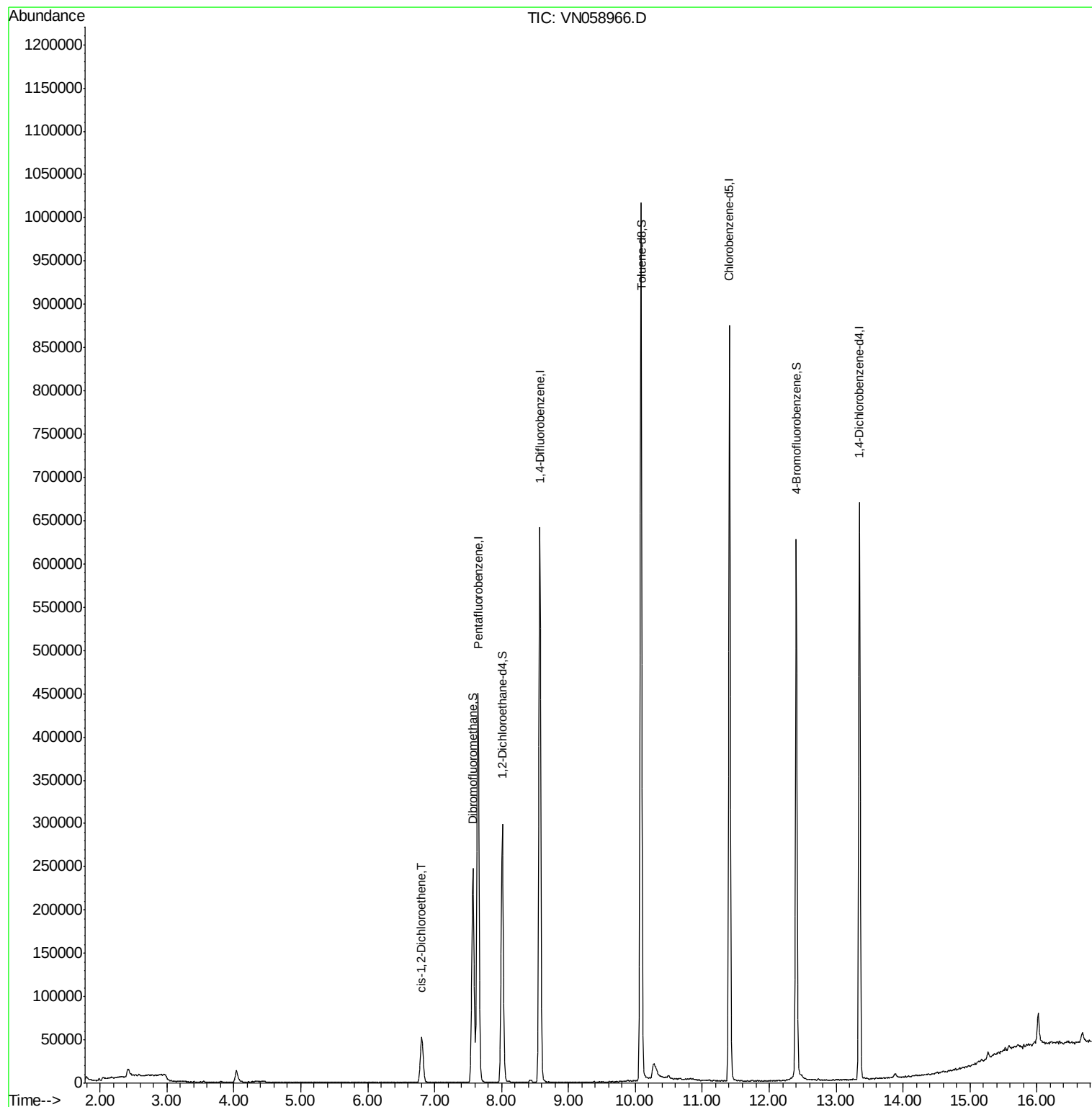
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	346455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	550512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	487259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	172020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	261425	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
35) Dibromofluoromethane	7.57	113	186032	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
50) Toluene-d8	10.08	98	685690	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.40	95	211298	40.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.90%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.81	96	29090	6.751	ug/l	Qvalue 81

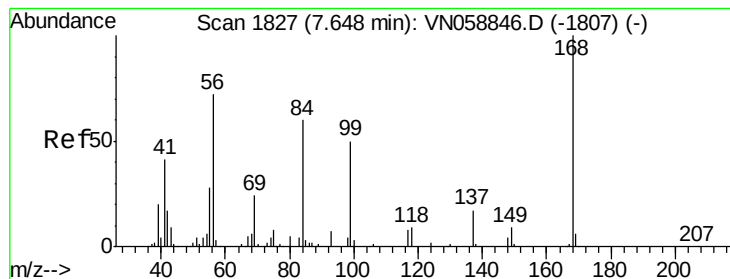
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058966.D

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ClientSampleId :

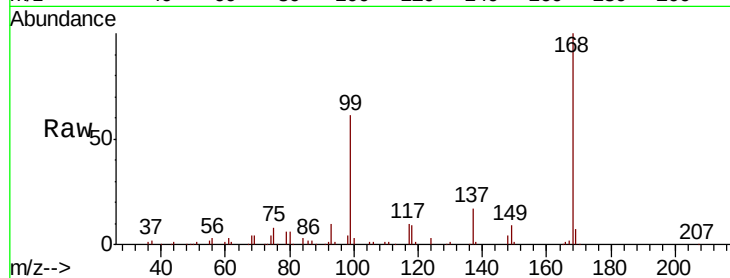
KY038PS038-191021RE

Tot Ion:168 Resp: 346455

Ion Ratio Lower Upper

168 100

99 60.6 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

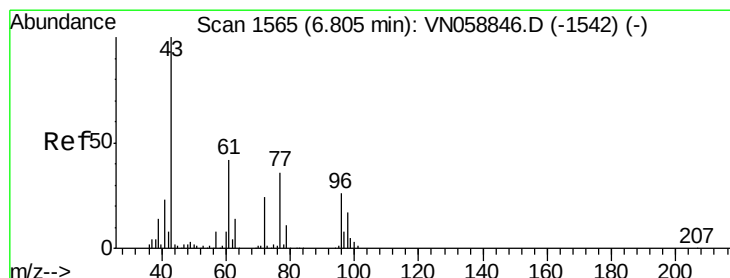
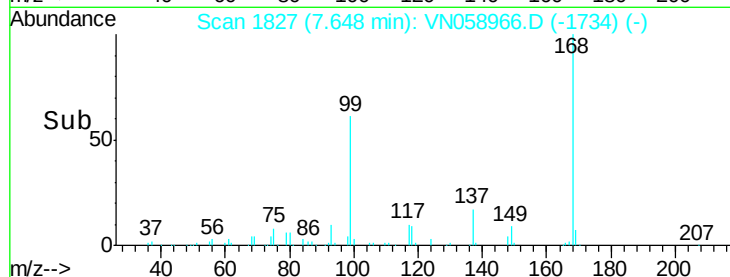
100000

50000

0

7.60 7.70

Time-->



#27

cis-1,2-Dichloroethene

Concen: 6.751 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058966.D

Acq: 24 Oct 2019 17:02

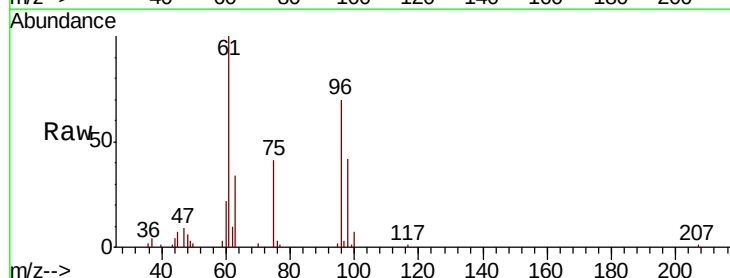
Tgt Ion: 96 Resp: 29090

Ion Ratio Lower Upper

96 100

61 145.6 0.0 325.0

98 36.0 0.0 128.0



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

15000

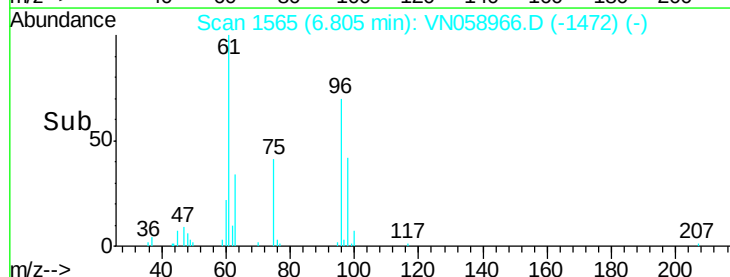
10000

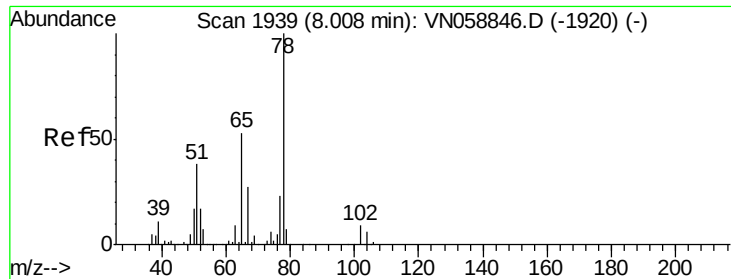
5000

0

6.70 6.80 6.90

Time-->

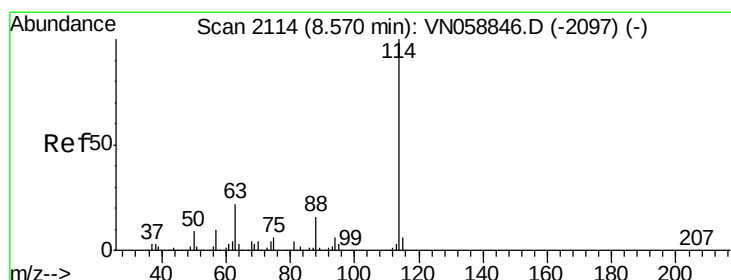
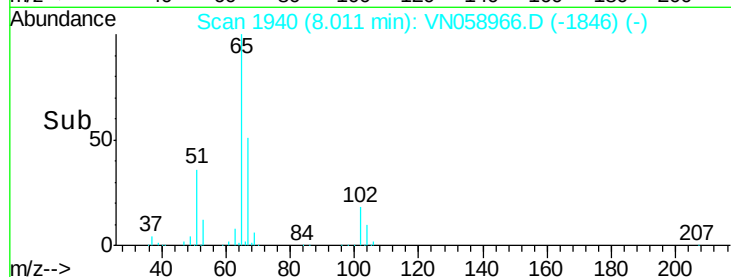
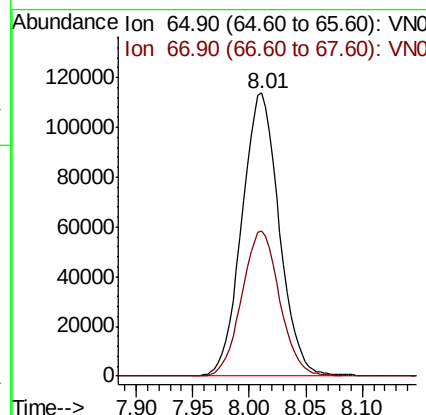
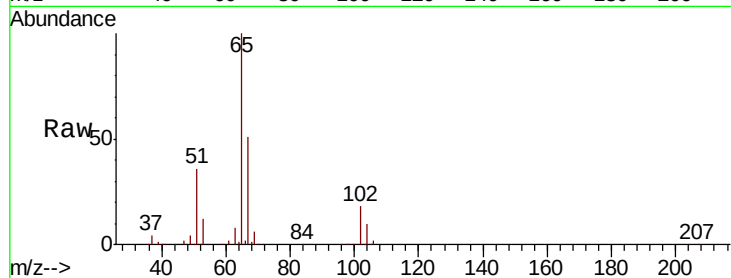




#33
 1,2-Dichloroethane-d4
 Concen: 51.448 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058966.D
 Acq: 24 Oct 2019 17:02

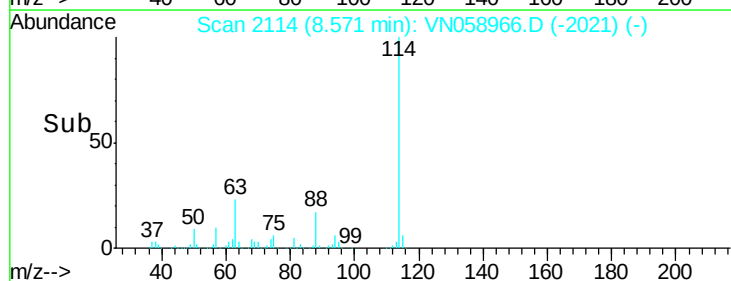
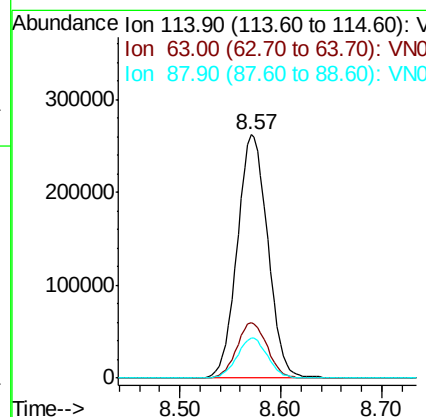
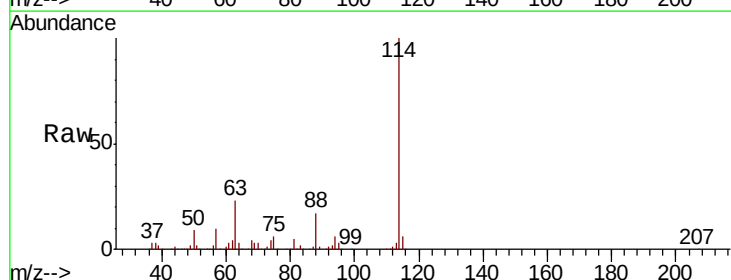
Instrument :
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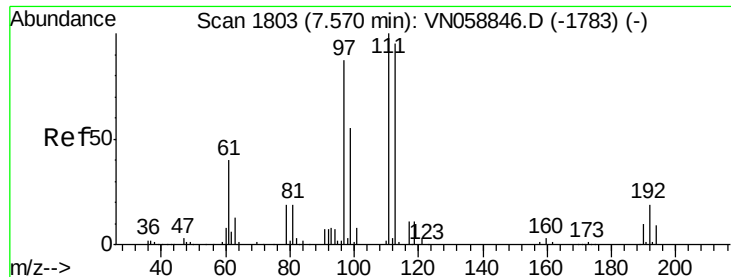
Tot Ion: 65 Resp: 261425
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN058966.D
 Acq: 24 Oct 2019 17:02

Tgt Ion: 114 Resp: 550512
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 44.4
 88 16.5 0.0 31.4

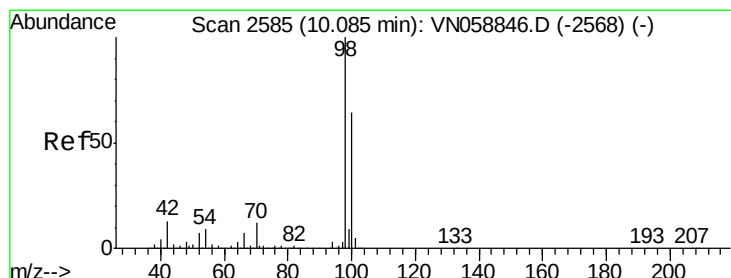
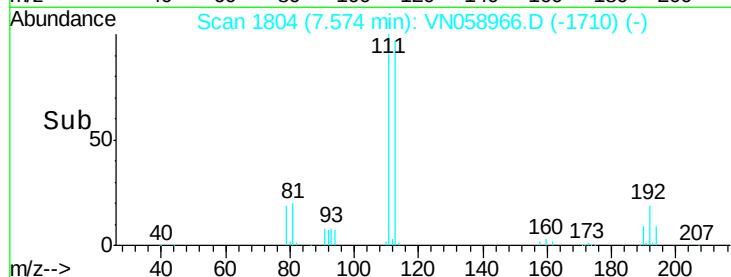
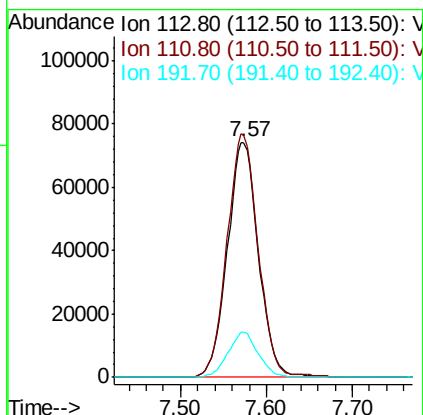
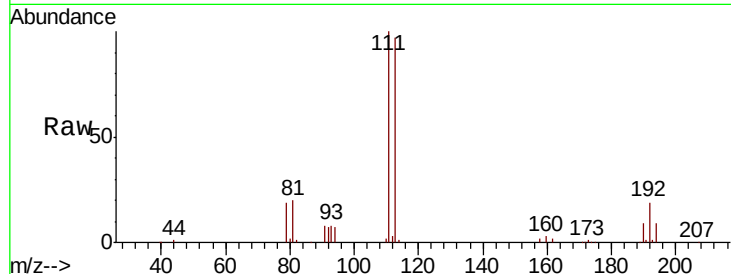




#35
 Dibromofluoromethane
 Concen: 51.398 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058966.D
 Acq: 24 Oct 2019 17:02

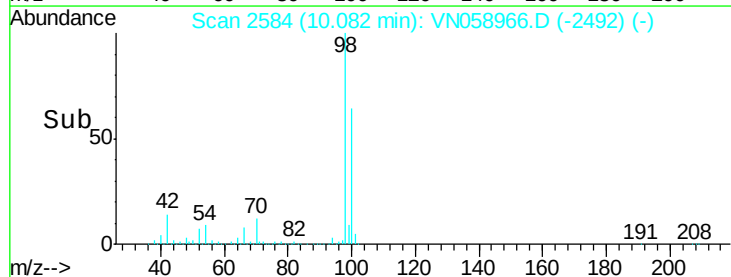
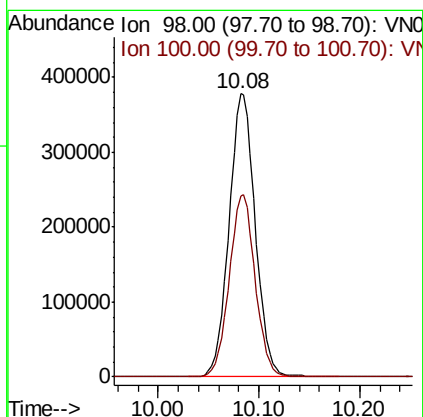
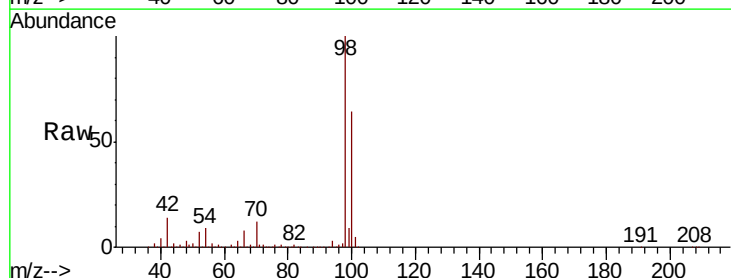
Instrument :
 MSVOA_N
 ClientSampleId :
 KY038PS038-191021RE

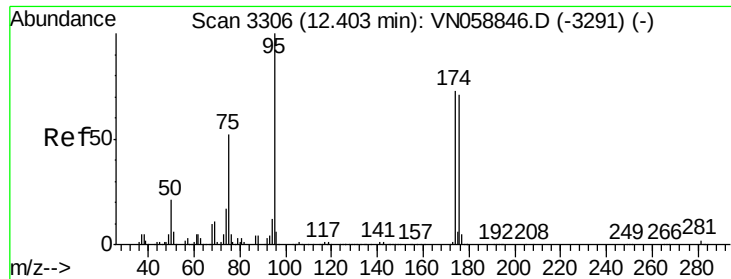
Tot Ion:113 Resp: 186032
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 18.6 15.0 22.6



#50
 Toluene-d8
 Concen: 48.803 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. -0.00 min
 Lab File: VN058966.D
 Acq: 24 Oct 2019 17:02

Tgt Ion: 98 Resp: 685690
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.4 77.2





#62

4-Bromofluorobenzene

Concen: 40.952 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058966.D

Acq: 24 Oct 2019 17:02

Instrument :

MSVOA_N

ClientSampleId :

KY038PS038-191021RE

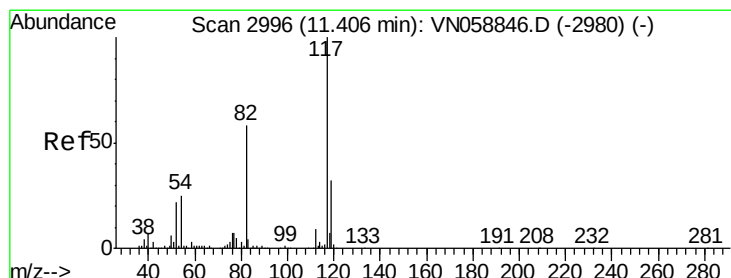
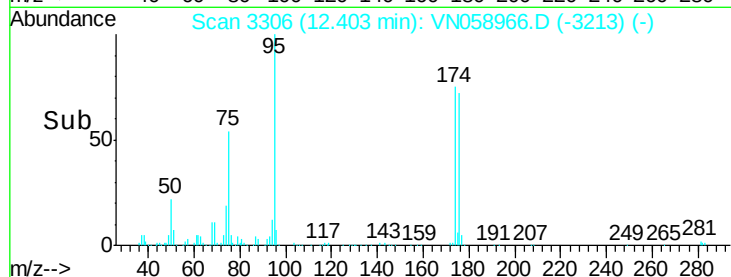
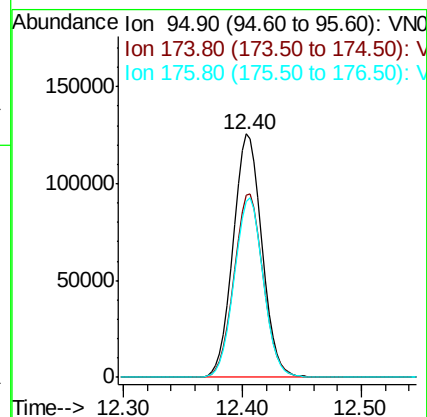
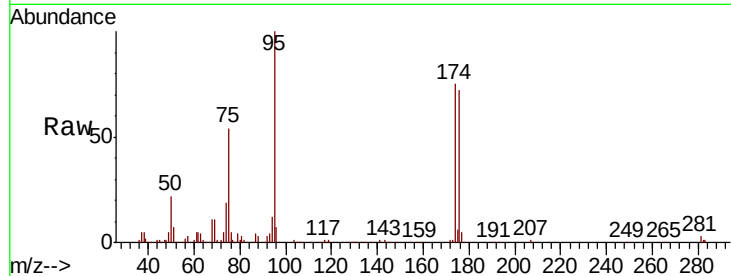
Tot Ion: 95 Resp: 211298

Ion Ratio Lower Upper

95 100

174 76.4 0.0 147.6

176 74.1 0.0 143.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058966.D

Acq: 24 Oct 2019 17:02

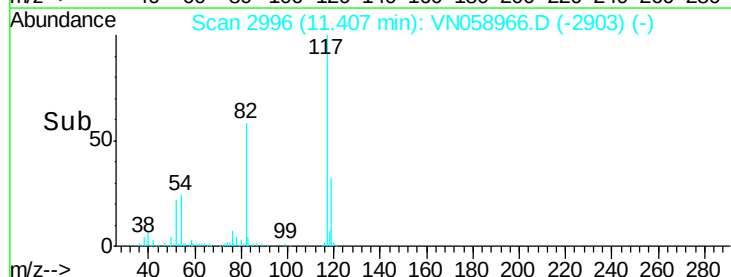
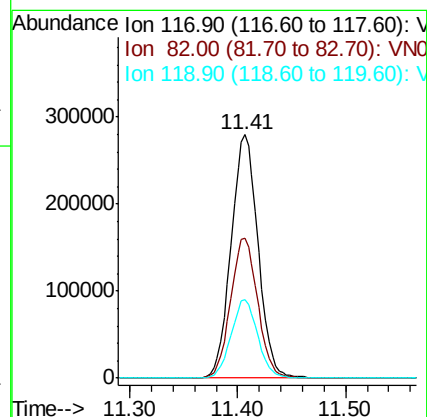
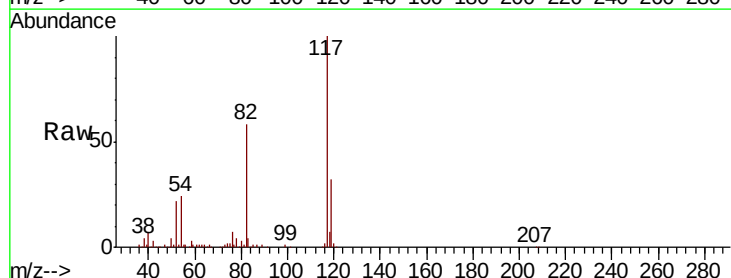
Tgt Ion: 117 Resp: 487259

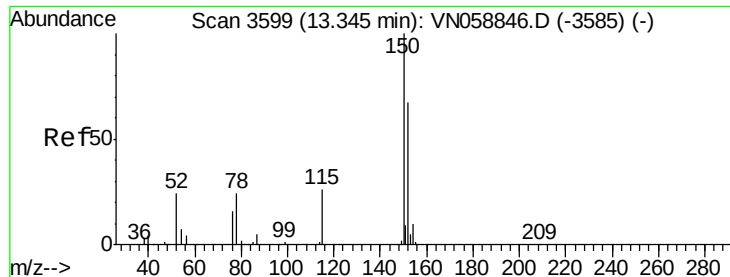
Ion Ratio Lower Upper

117 100

82 57.5 46.6 69.8

119 32.2 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058966.D

Acq: 24 Oct 2019 17:02

Instrument :

MSVOA_N

ClientSampleId :

KY038PS038-191021RE

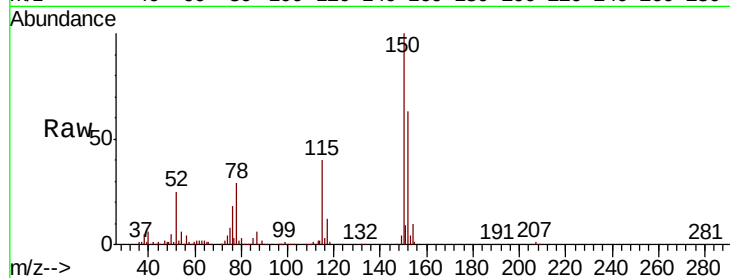
Tot Ion:152 Resp: 172020

Ion Ratio Lower Upper

152 100

115 60.1 30.5 91.5

150 156.6 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

