

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091219\
 Data File : VN057940.D
 Acq On : 11 Sep 2019 21:38
 Operator : JC/SP
 Sample : K4848-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-9-11-19

Quant Time: Sep 12 03:39:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	289078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	483800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	441976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228510	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	318577	54.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.82%	
35) Dibromofluoromethane	7.58	113	215784	48.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.64%	
50) Toluene-d8	10.09	98	883310	50.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.41	95	284406	43.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.10%	

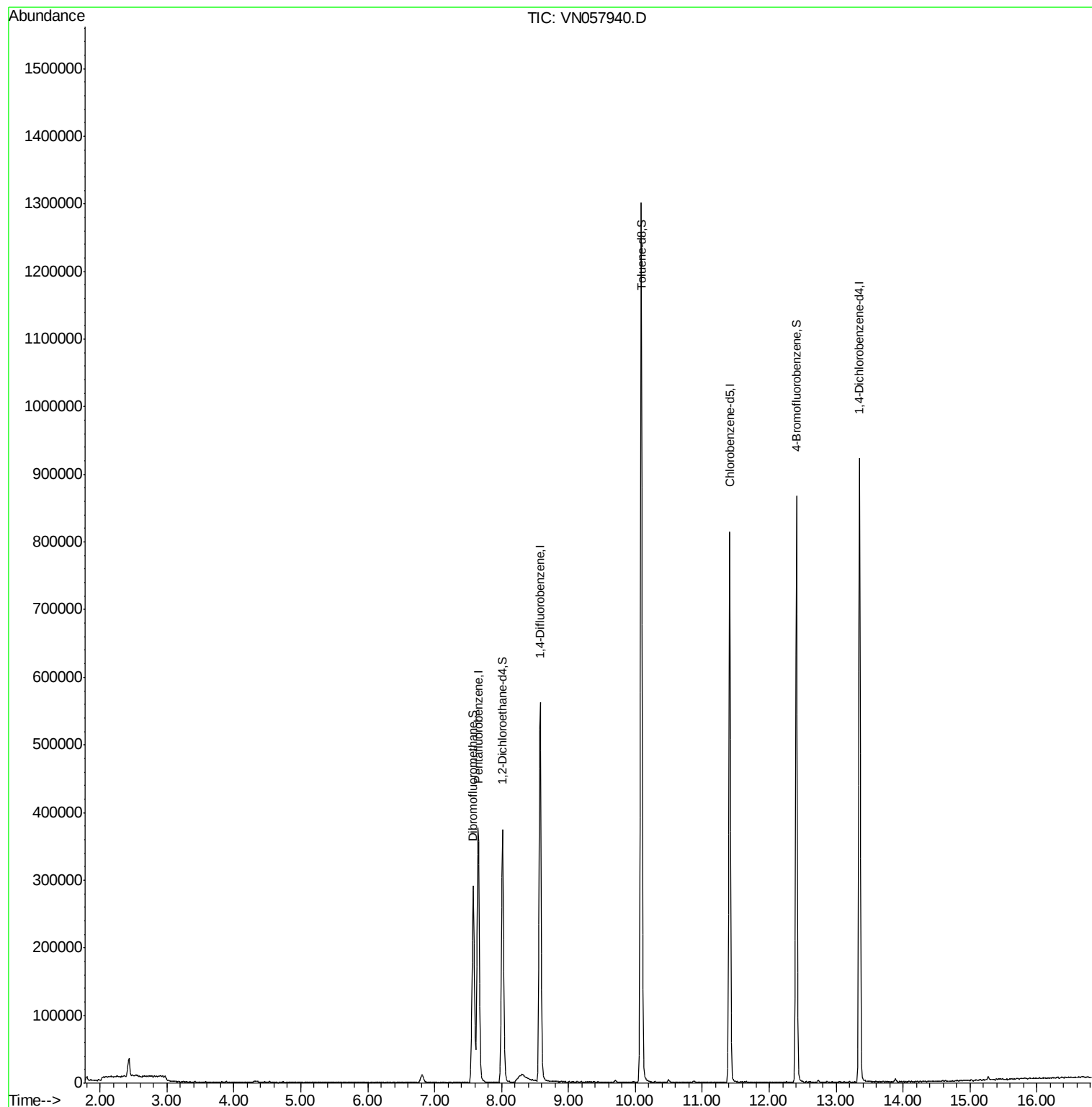
Target Compounds	Qvalue
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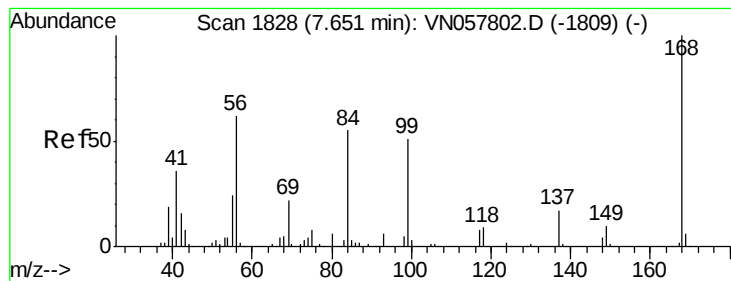
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057940.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_N

ClientSampled :

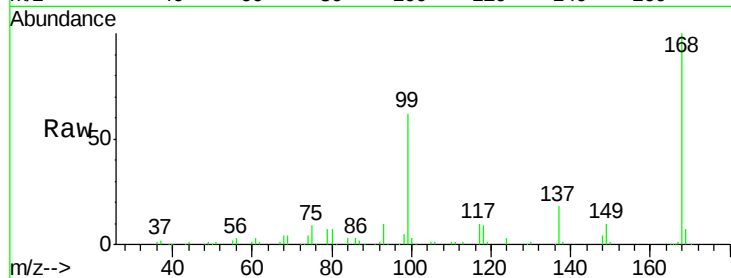
TB-9-11-19

Tot Ion:168 Resp: 289078

Ion Ratio Lower Upper

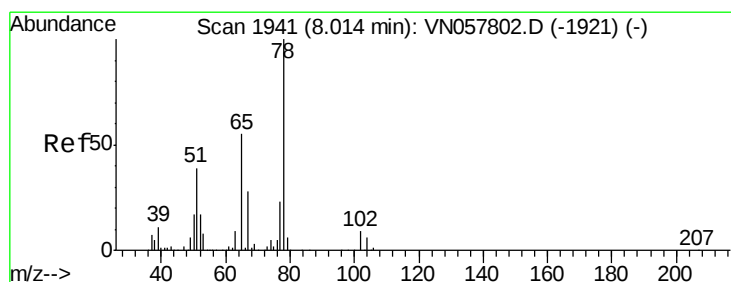
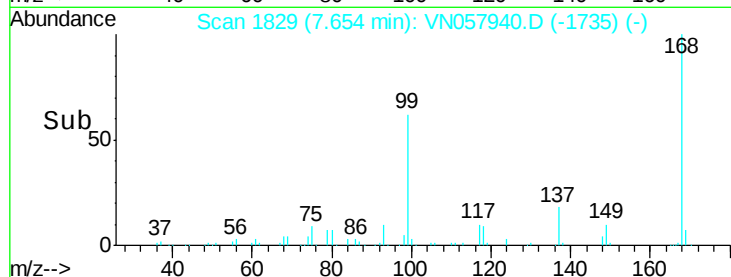
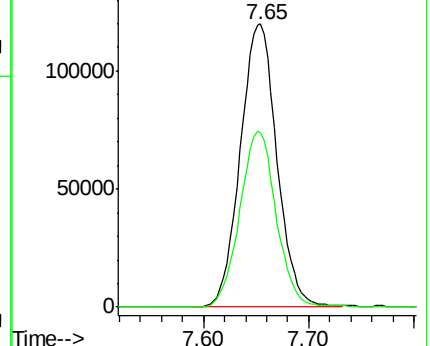
168 100

99 61.8 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 54.411 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057940.D

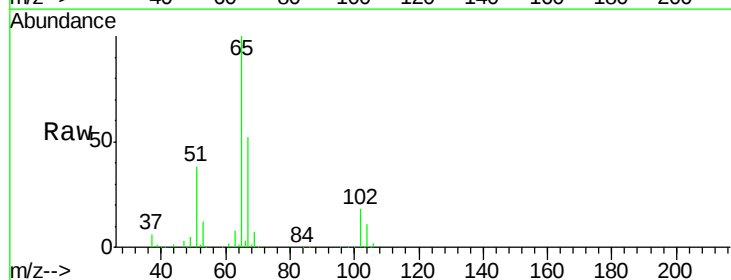
Acq: 11 Sep 2019 21:38

Tgt Ion: 65 Resp: 318577

Ion Ratio Lower Upper

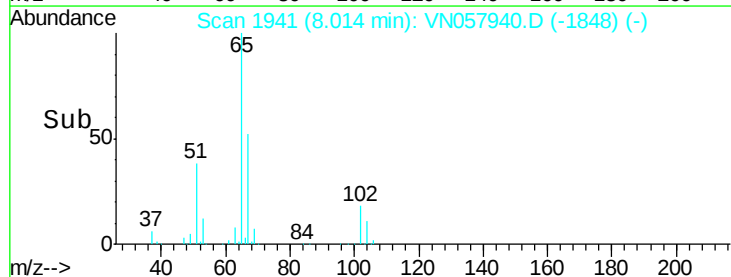
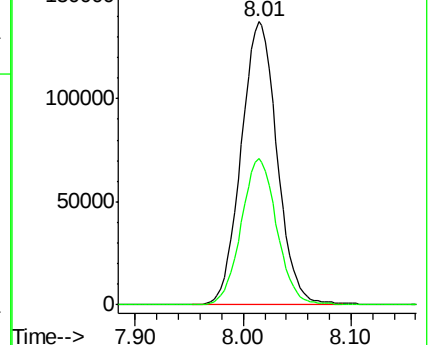
65 100

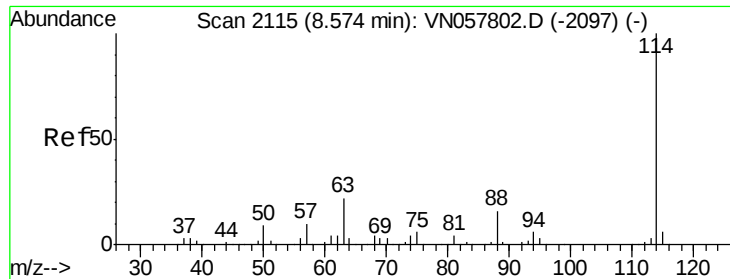
67 51.2 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

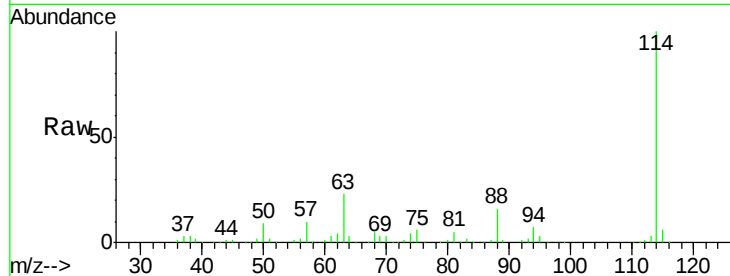




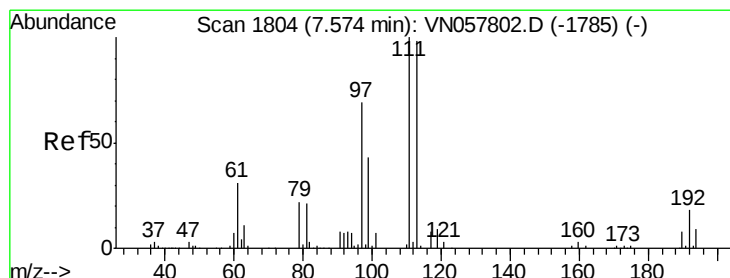
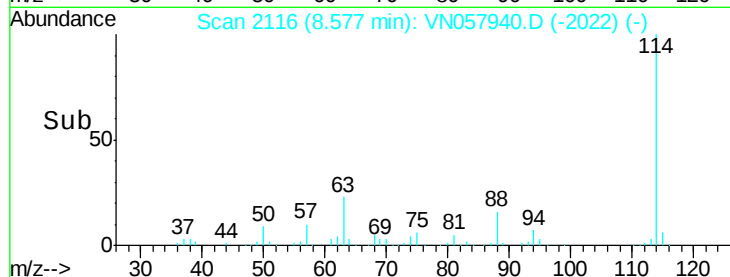
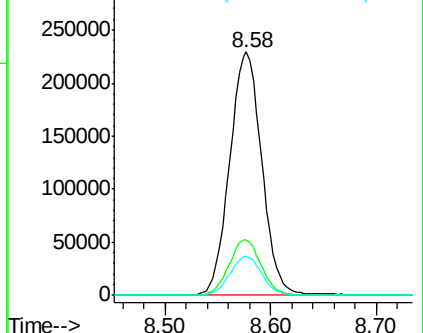
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057940.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-9-11-19

Tot Ion:114 Resp: 483800
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.0
 88 16.0 0.0 31.4

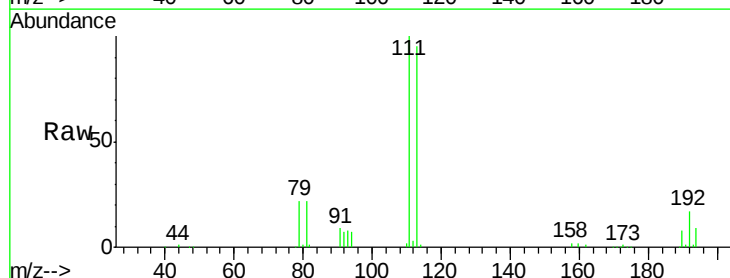


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

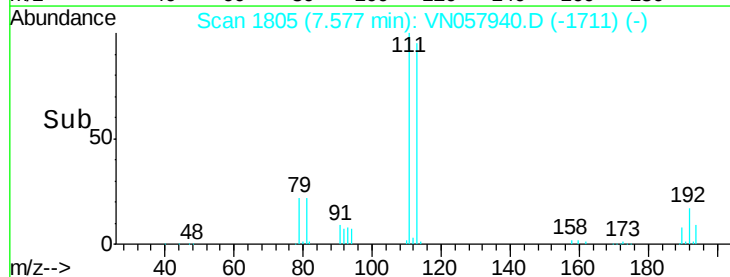
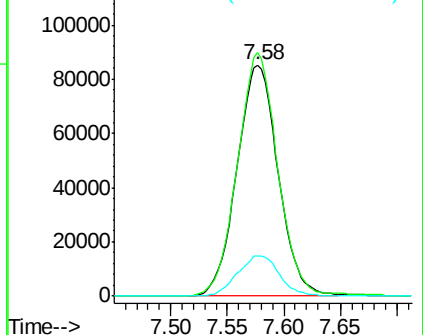


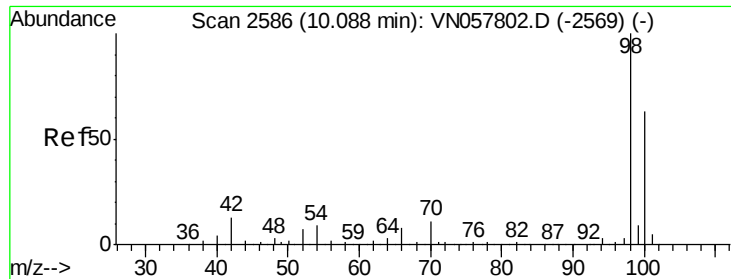
#35
 Dibromofluoromethane
 Concen: 48.325 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057940.D
 Acq: 11 Sep 2019 21:38

Tgt Ion:113 Resp: 215784
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.3 121.9
 192 18.0 14.6 22.0



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

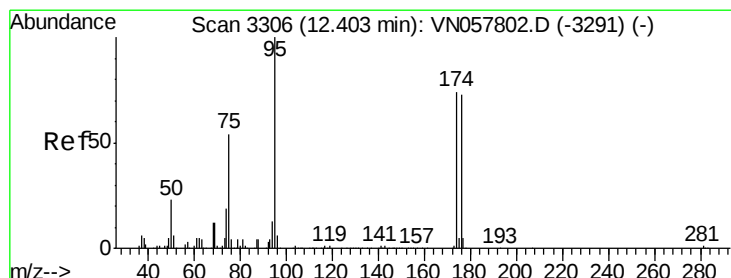
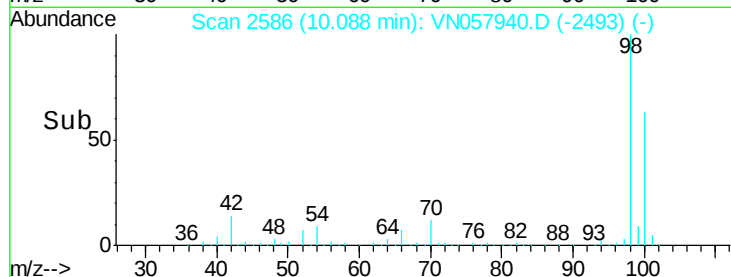
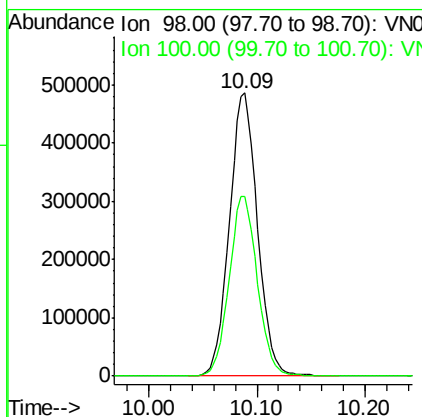
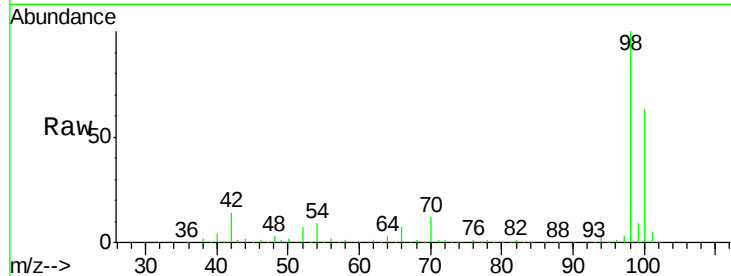




#50
Toluene-d8
Concen: 50.951 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057940.D
Acq: 11 Sep 2019 21:38

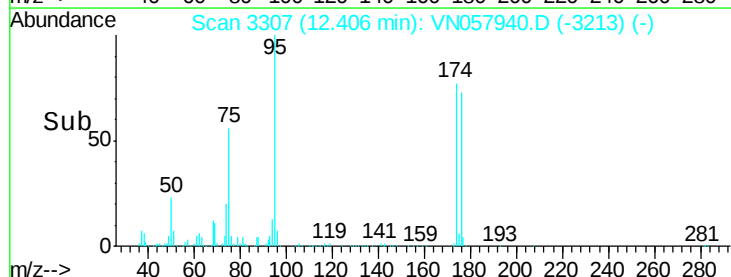
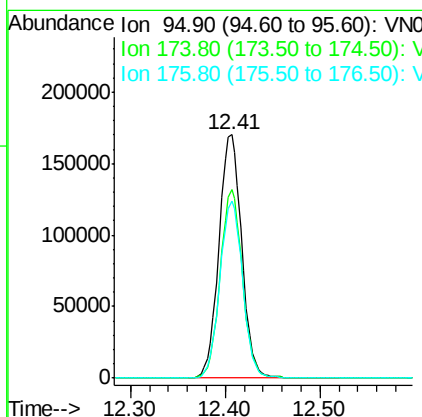
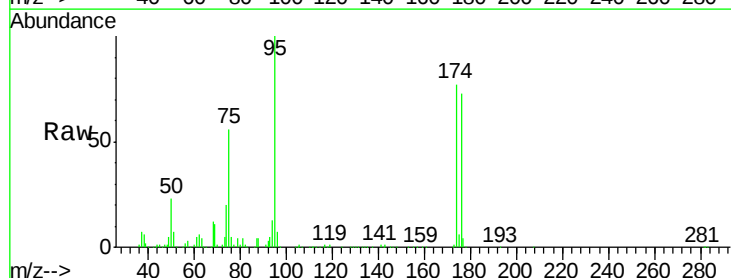
Instrument :
MSVOA_N
ClientSampled :
TB-9-11-19

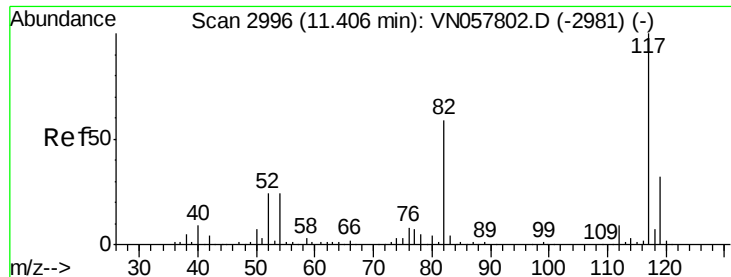
Tot Ion: 98 Resp: 883310
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.048 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057940.D
Acq: 11 Sep 2019 21:38

Tgt Ion: 95 Resp: 284406
Ion Ratio Lower Upper
95 100
174 75.4 0.0 150.2
176 72.8 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN057940.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_N

ClientSampleId :

TB-9-11-19

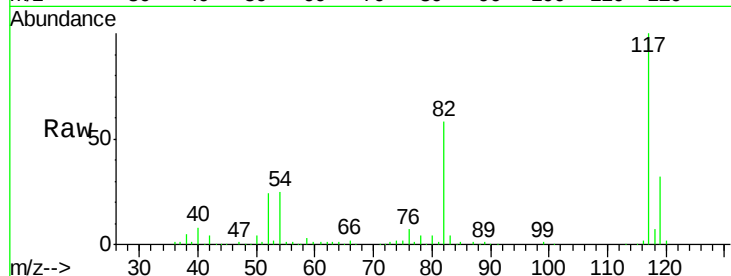
Tot Ion:117 Resp: 441976

Ion Ratio Lower Upper

117 100

82 58.3 47.2 70.8

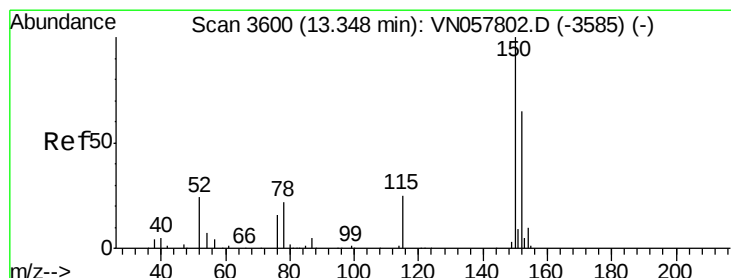
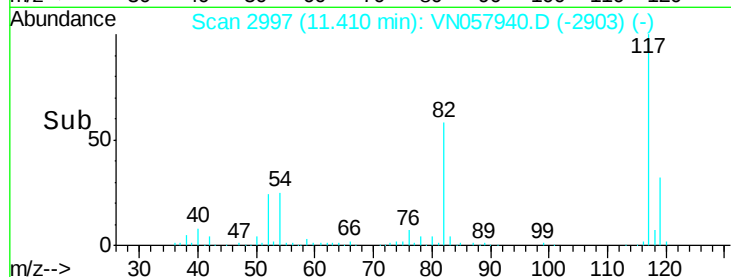
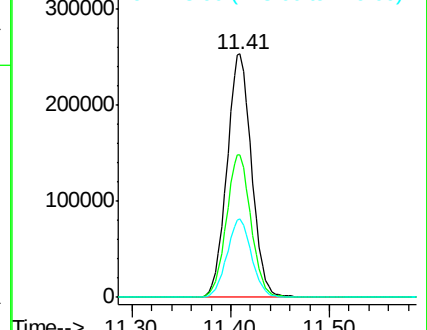
119 32.1 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057940.D

Acq: 11 Sep 2019 21:38

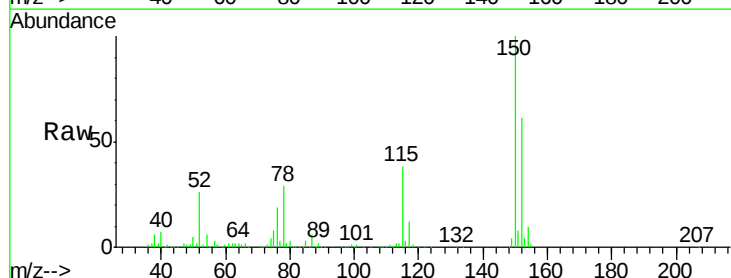
Tgt Ion:152 Resp: 228510

Ion Ratio Lower Upper

152 100

115 61.7 30.3 91.0

150 160.4 0.0 352.4



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

