

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058318.D
 Acq On : 24 Sep 2019 1:31
 Operator : JC/SP
 Sample : K5002-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-0520

Quant Time: Sep 24 07:24:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	460043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	761073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	645025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	258844	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	347217	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
35) Dibromofluoromethane	7.58	113	237620	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	10.09	98	953715	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.41	95	302714	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	

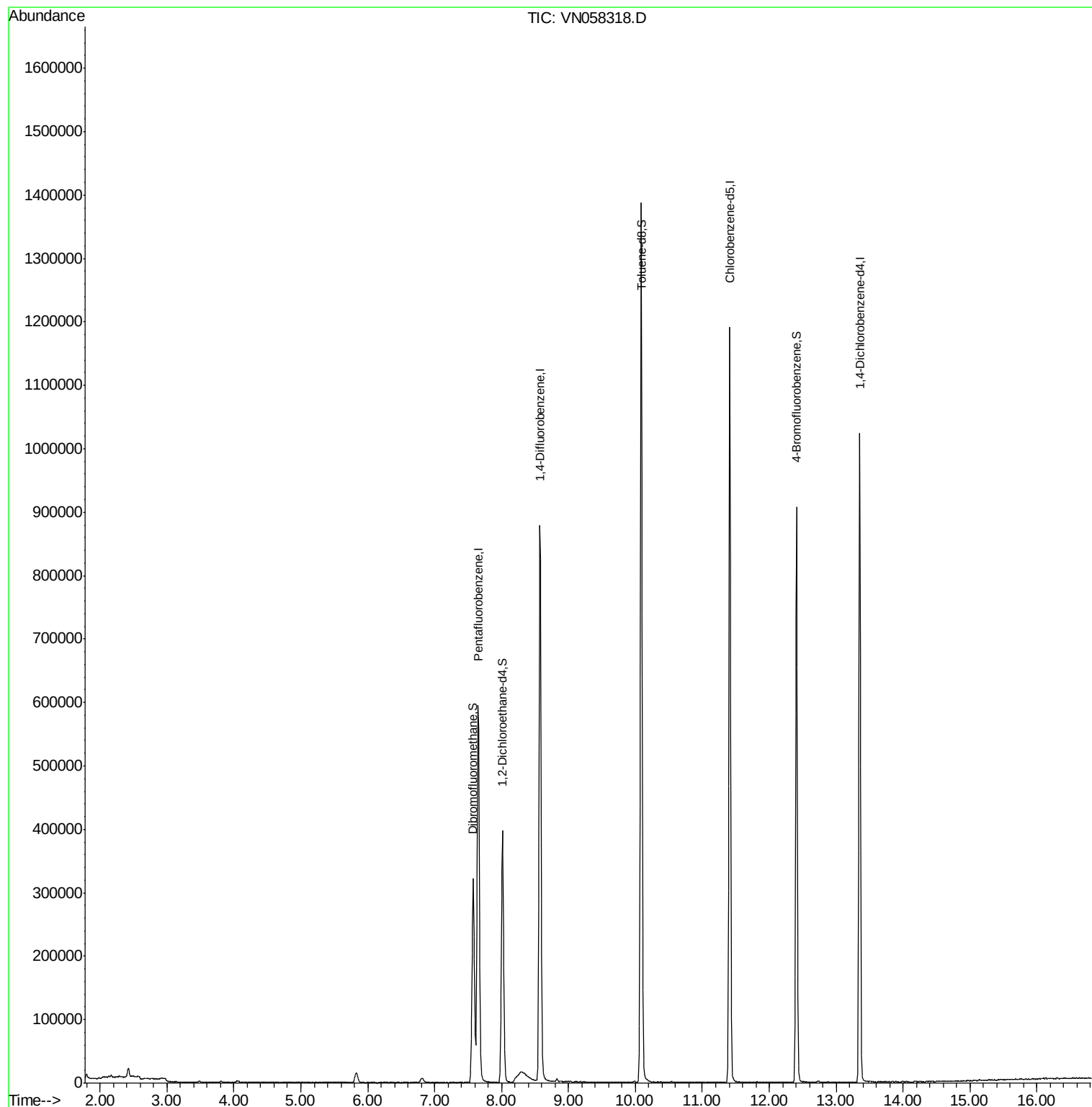
Target Compounds	Qvalue
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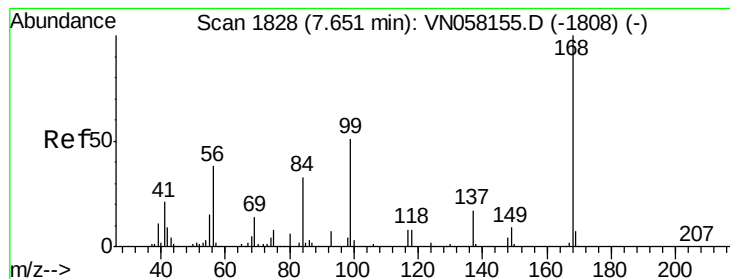
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058318.D

Acq: 24 Sep 2019 1:31

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MSVOA_N

ClientSampleId :

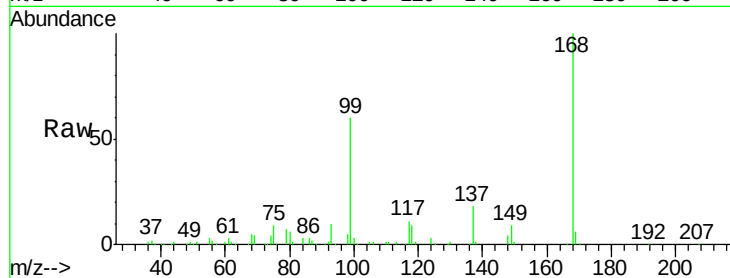
S49-0520

Tot Ion:168 Resp: 460043

Ion Ratio Lower Upper

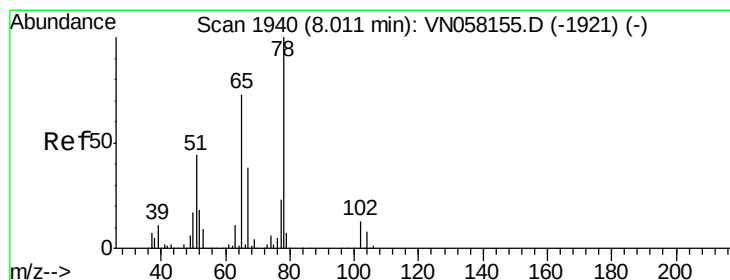
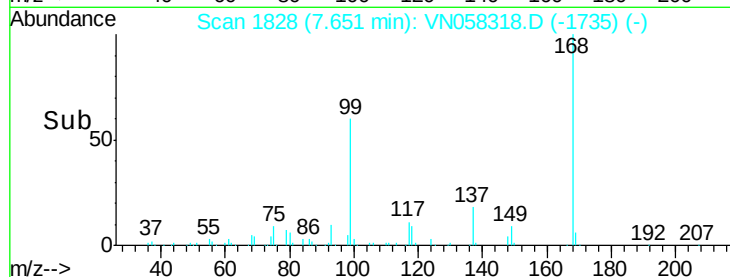
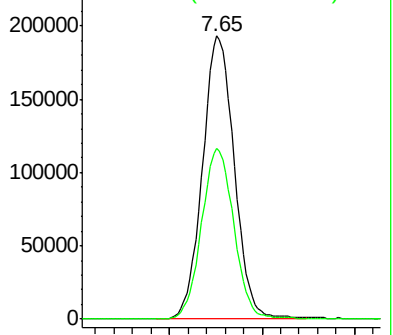
168 100

99 60.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 54.189 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058318.D

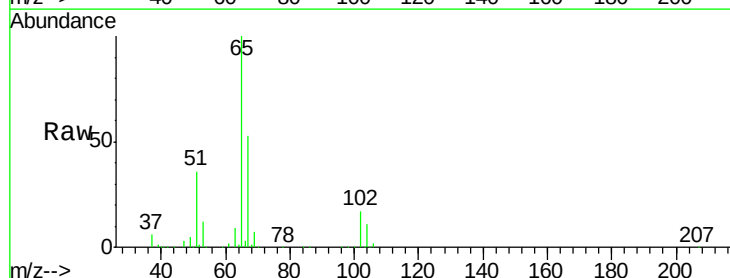
Acq: 24 Sep 2019 1:31

Tgt Ion: 65 Resp: 347217

Ion Ratio Lower Upper

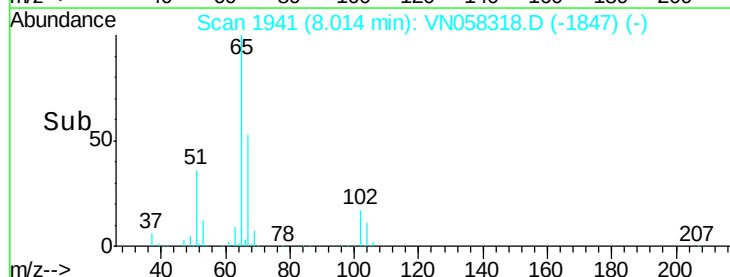
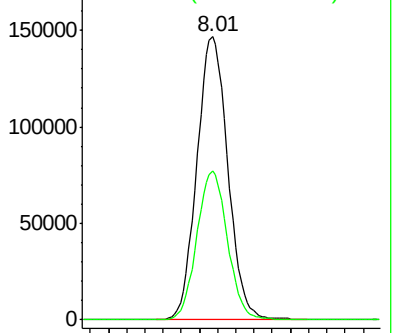
65 100

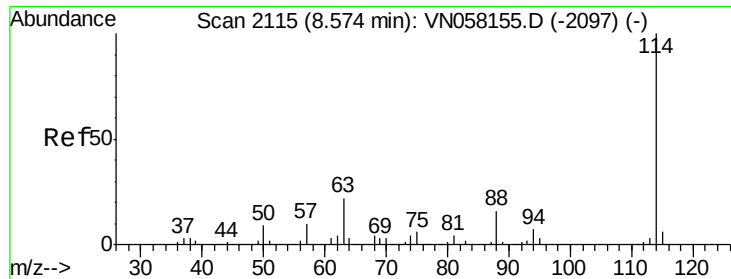
67 51.9 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

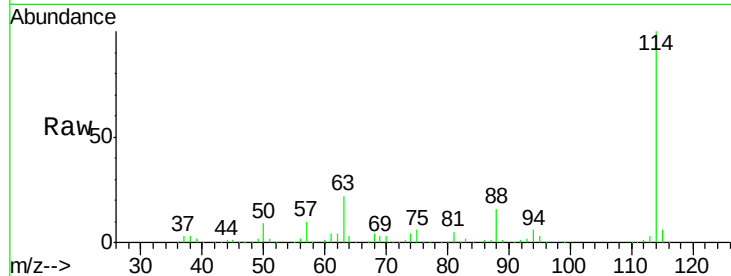




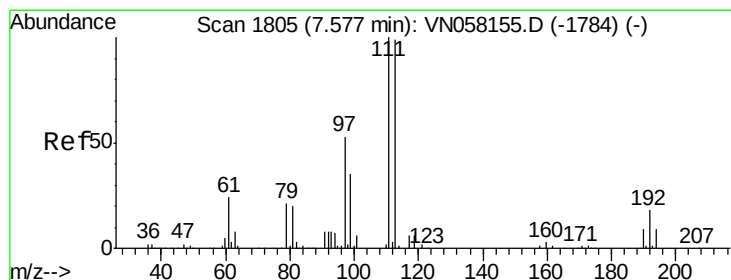
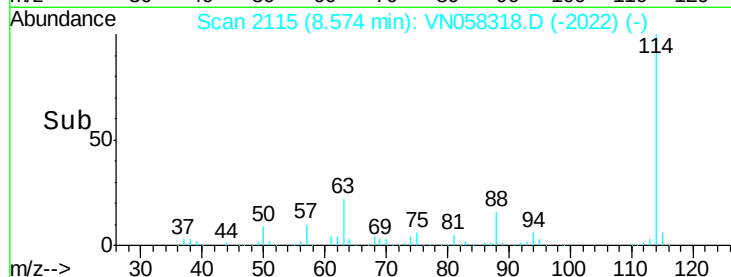
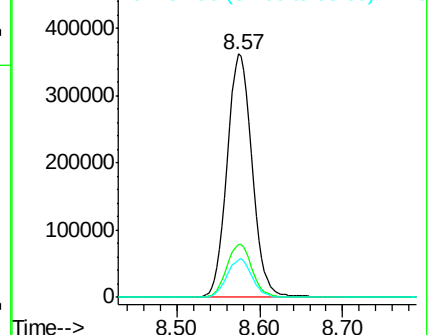
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058318.D
Acq: 24 Sep 2019 1:31

Instrument :
MSVOA_N
ClientSampleId :
S49-0520

Tot Ion:114 Resp: 761073
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.2
88 15.6 0.0 31.6

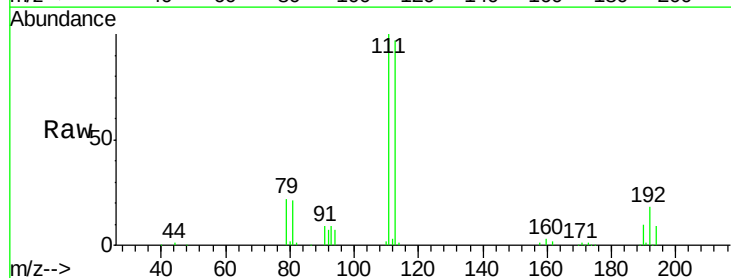


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

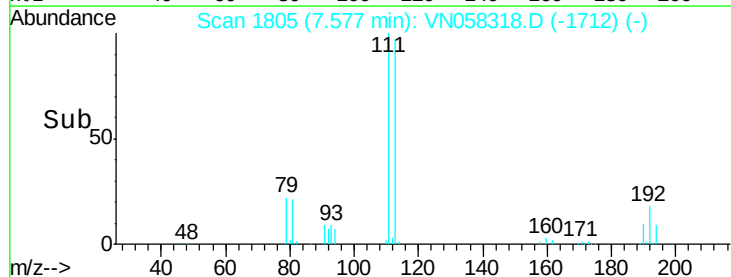
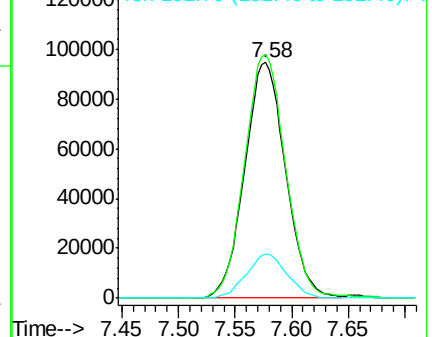


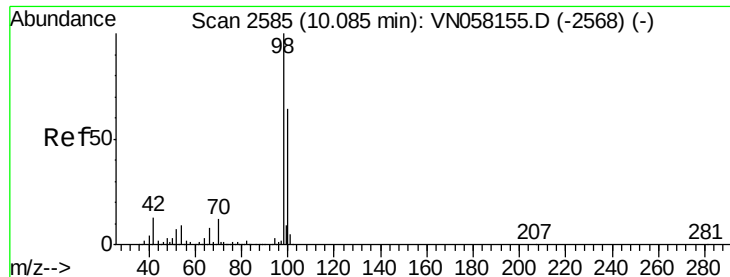
#35
Dibromofluoromethane
Concen: 51.358 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN058318.D
Acq: 24 Sep 2019 1:31

Tgt Ion:113 Resp: 237620
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 18.7 14.5 21.7



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: 52.906 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058318.D

Acq: 24 Sep 2019 1:31

Instrument :

MSVOA_N

ClientSampled :

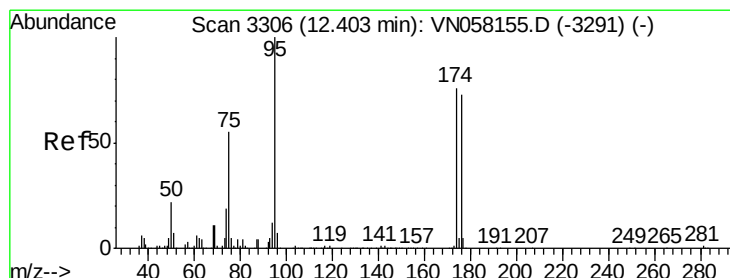
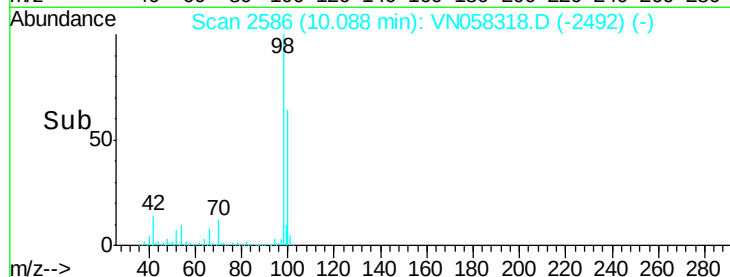
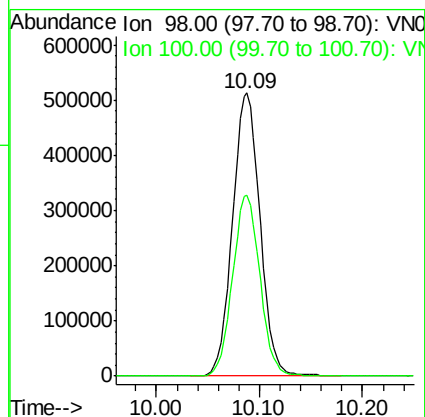
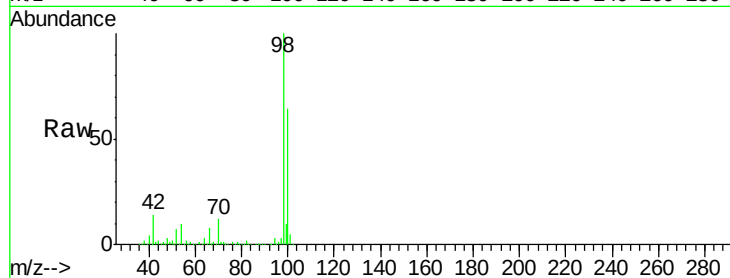
S49-0520

Tot Ion: 98 Resp: 953715

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 45.207 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058318.D

Acq: 24 Sep 2019 1:31

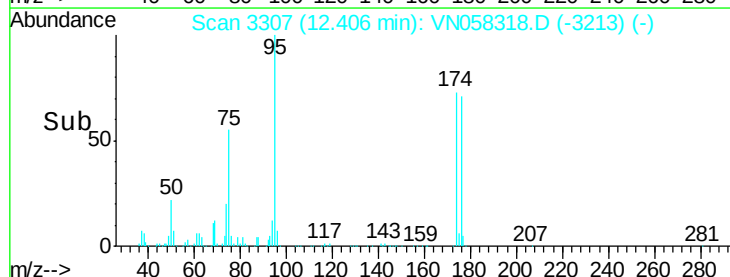
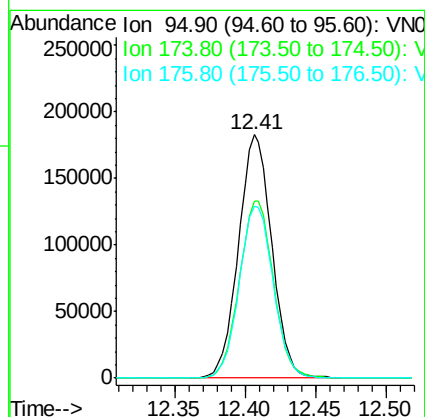
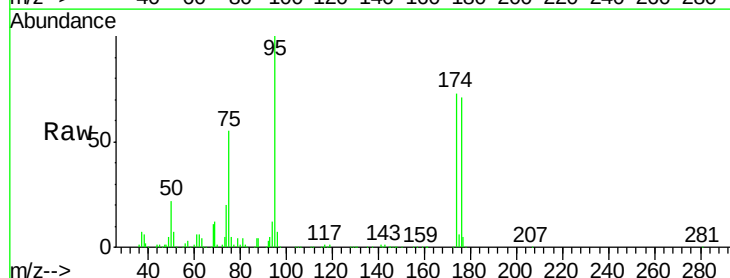
Tgt Ion: 95 Resp: 302714

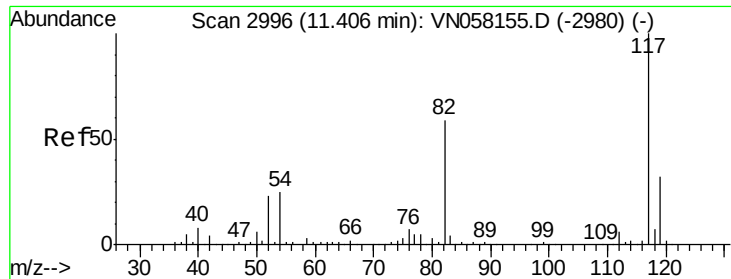
Ion Ratio Lower Upper

95 100

174 74.6 0.0 152.2

176 72.6 0.0 148.0

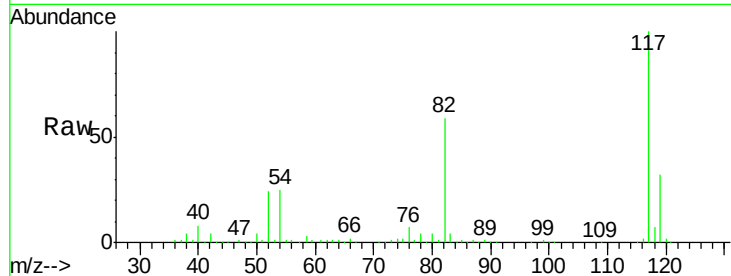




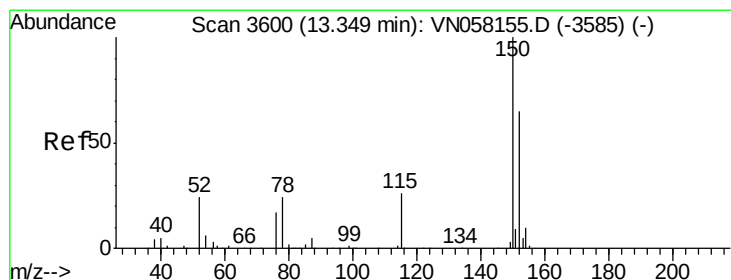
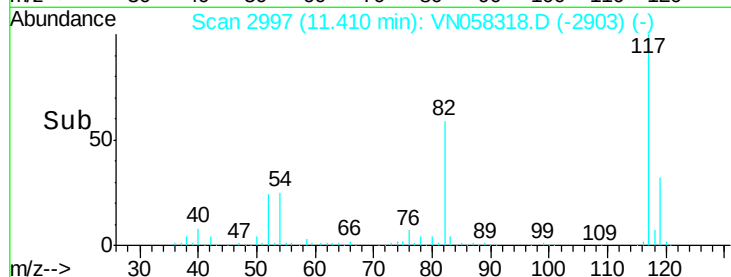
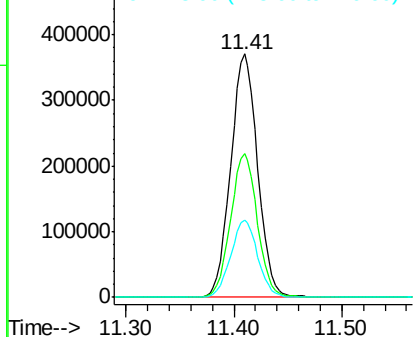
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058318.D
Acq: 24 Sep 2019 1:31

Instrument :
MSVOA_N
ClientSampled :
S49-0520

Tot Ion:117 Resp: 645025
Ion Ratio Lower Upper
117 100
82 59.0 46.9 70.3
119 31.9 25.3 37.9

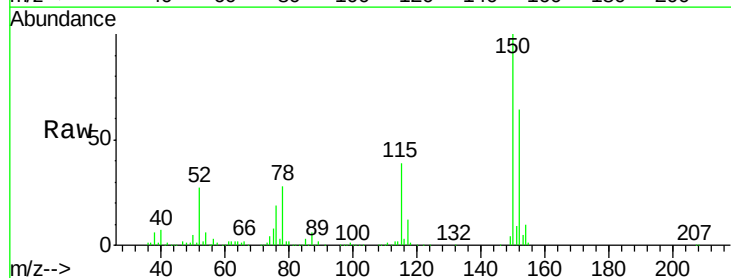


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058318.D
Acq: 24 Sep 2019 1:31

Tgt Ion:152 Resp: 258844
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.3
150 157.0 0.0 346.4



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

