

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082919\
 Data File : VN057558.D
 Acq On : 29 Aug 2019 19:11
 Operator : JC/SP
 Sample : K4555-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-3

Quant Time: Aug 30 12:53:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 08:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	626324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	989396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	809944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	204379	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	373228	37.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.80%	
35) Dibromofluoromethane	7.58	113	304220	35.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.84%	
50) Toluene-d8	10.08	98	1188267	37.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.72%	
62) 4-Bromofluorobenzene	12.40	95	297229	27.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.96%	

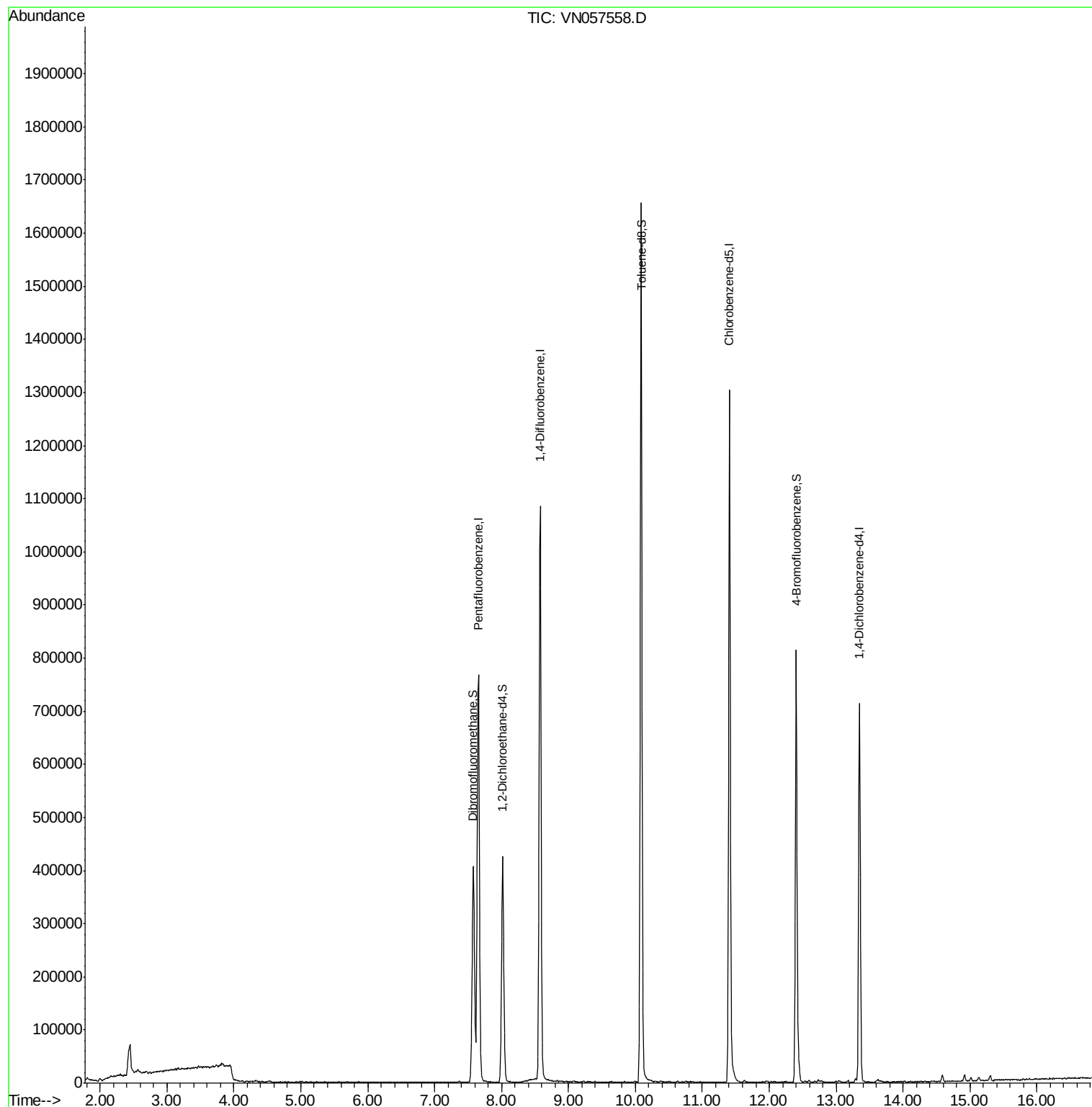
Target Compounds	Qvalue

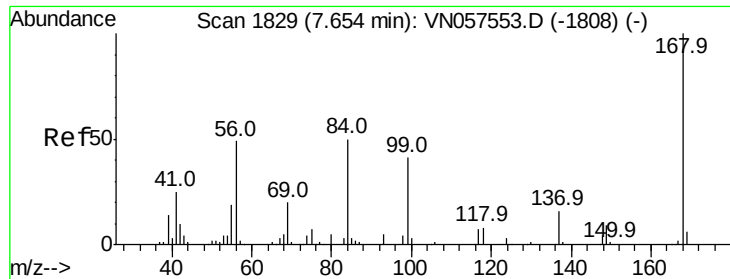
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057558.D

Acq: 29 Aug 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

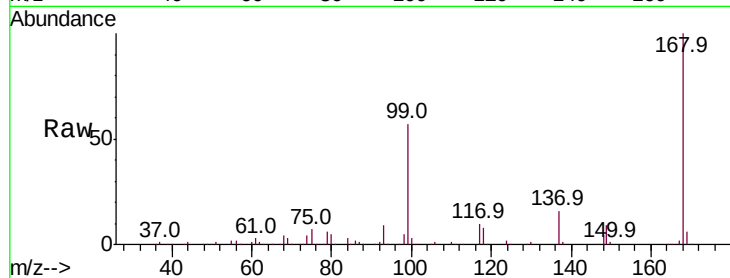
TB-3

Tot Ion:168 Resp: 626324

Ion Ratio Lower Upper

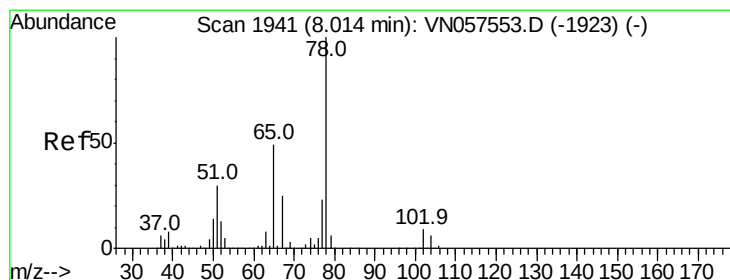
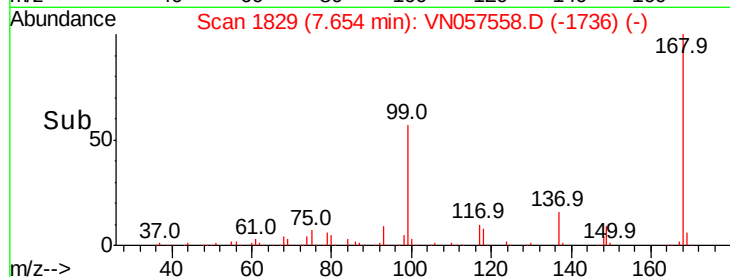
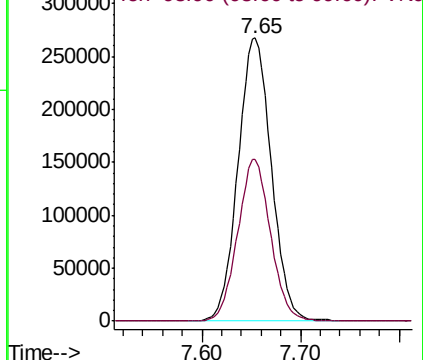
168 100

99 57.2 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057558.D (-1736) (-)

Ion 98.90 (98.60 to 99.60): VN057558.D (-1736) (-)



#33

1,2-Dichloroethane-d4

Concen: 37.895 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057558.D

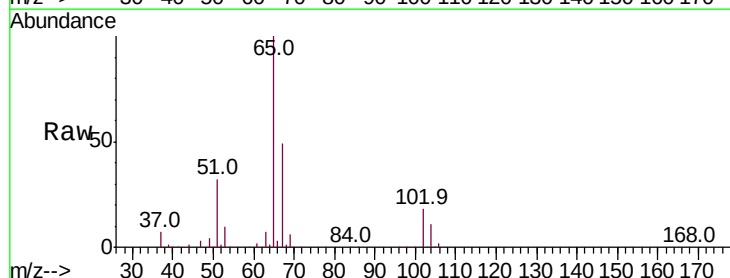
Acq: 29 Aug 2019 19:11

Tgt Ion: 65 Resp: 373228

Ion Ratio Lower Upper

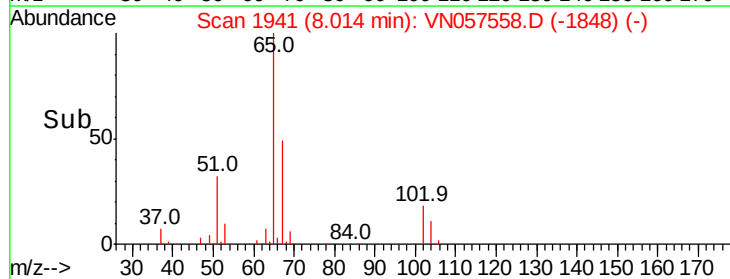
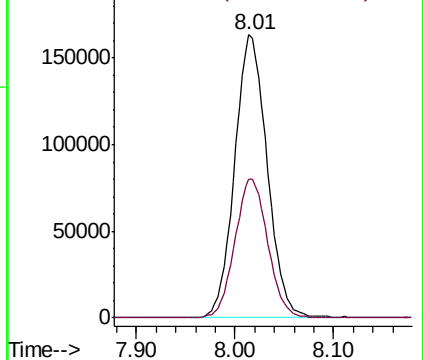
65 100

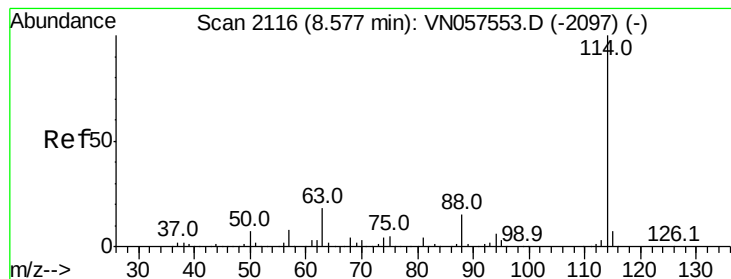
67 49.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN057558.D (-1848) (-)

Ion 66.90 (66.60 to 67.60): VN057558.D (-1848) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057558.D

Acq: 29 Aug 2019 19:11

Instrument :

MSVOA_N

ClientSampled :

TB-3

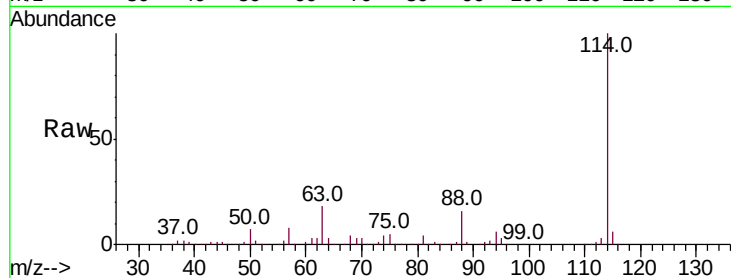
Tot Ion:114 Resp: 989396

Ion Ratio Lower Upper

114 100

63 18.1 0.0 50.2

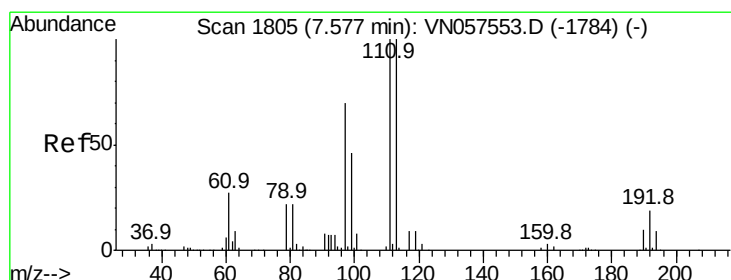
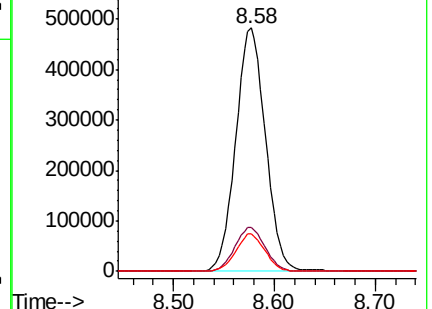
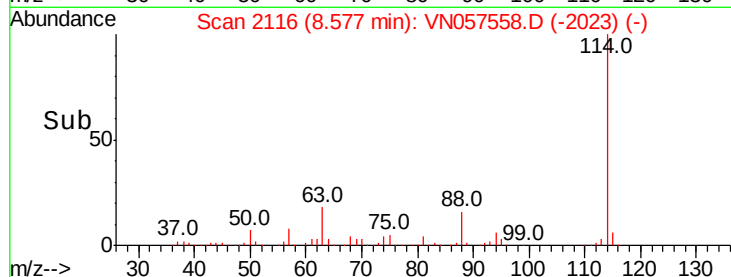
88 15.6 0.0 34.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 35.422 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057558.D

Acq: 29 Aug 2019 19:11

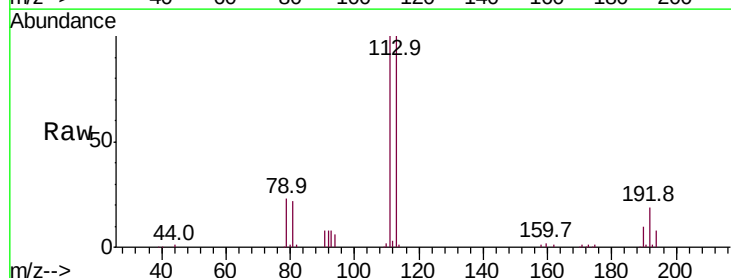
Tgt Ion:113 Resp: 304220

Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

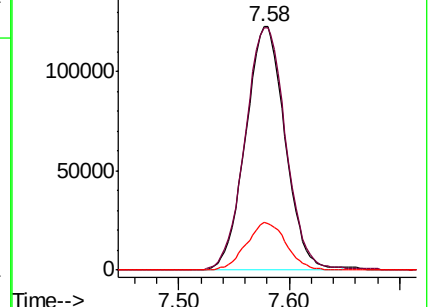
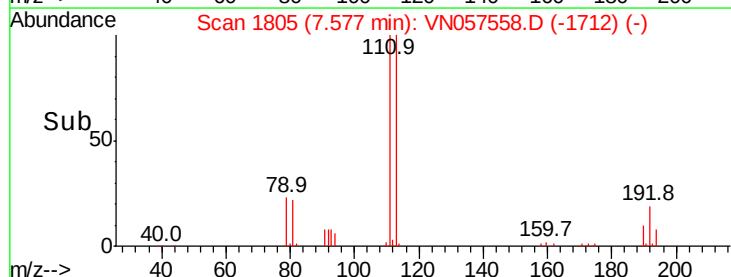
192 19.7 13.5 20.3

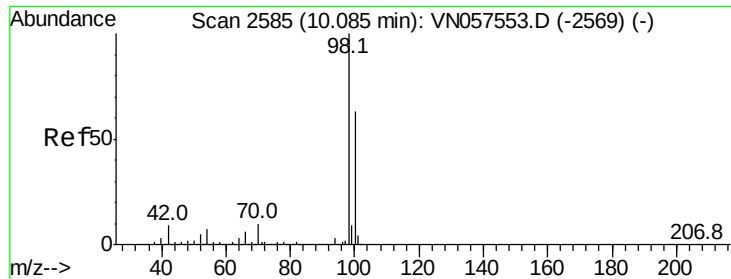


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

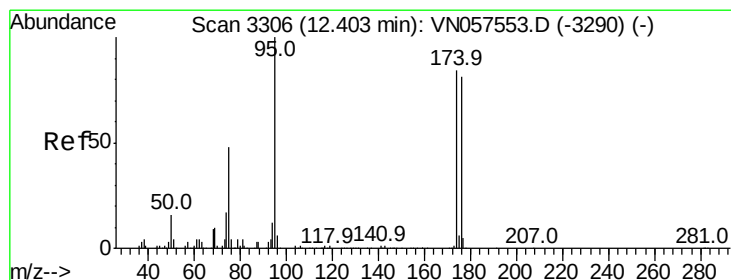
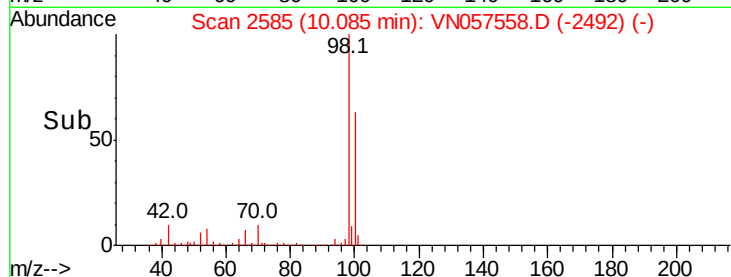
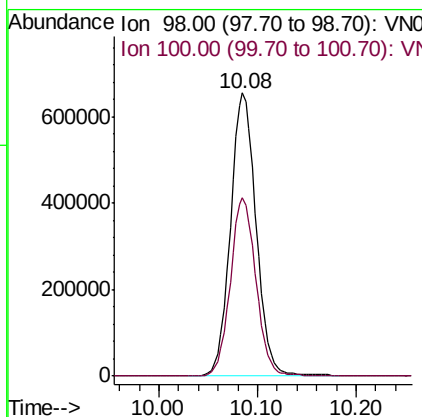
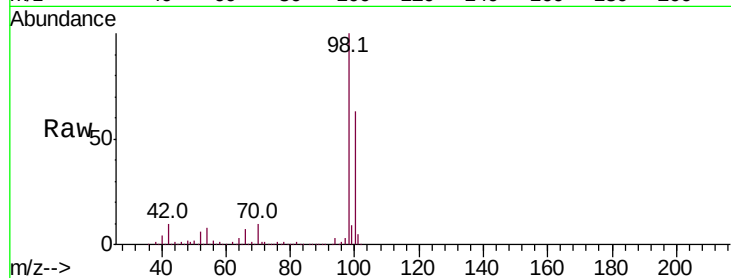




#50
Toluene-d8
Concen: 37.856 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057558.D
Acq: 29 Aug 2019 19:11

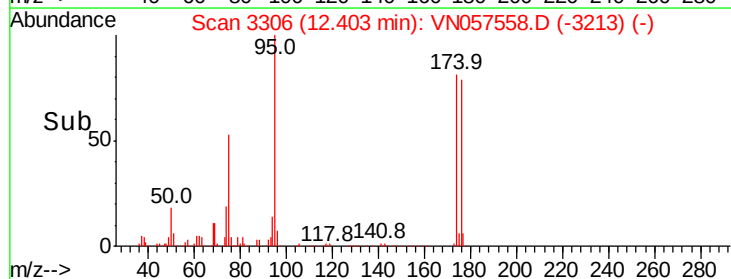
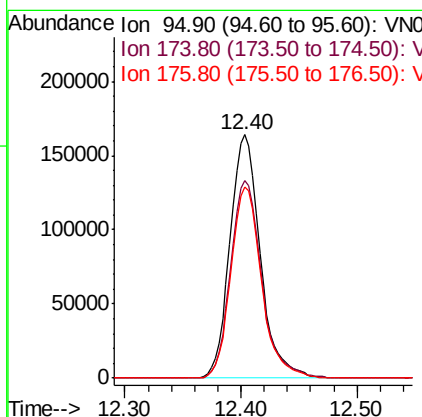
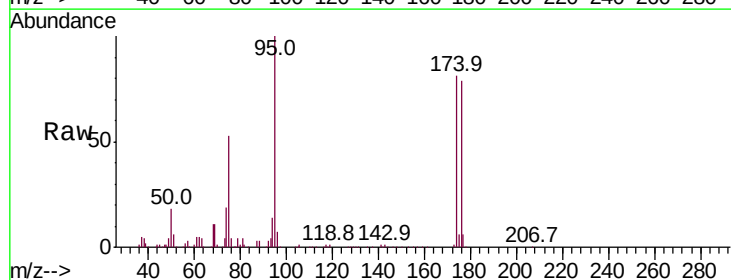
Instrument :
MSVOA_N
ClientSampled :
TB-3

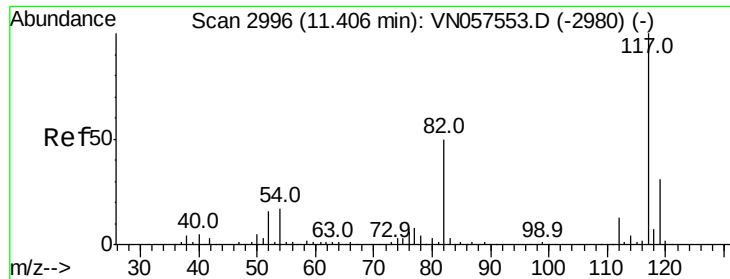
Tot Ion: 98 Resp: 1188267
Ion Ratio Lower Upper
98 100
100 62.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 27.984 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057558.D
Acq: 29 Aug 2019 19:11

Tgt Ion: 95 Resp: 297229
Ion Ratio Lower Upper
95 100
174 83.2 0.0 133.0
176 79.5 0.0 130.8

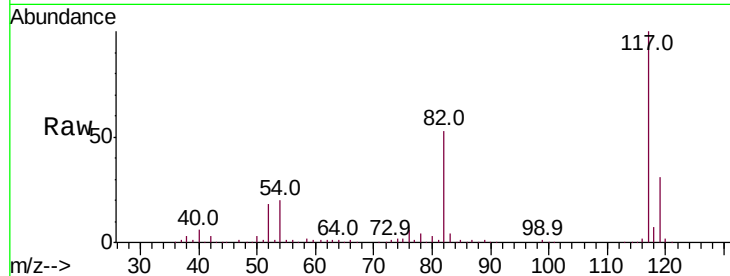




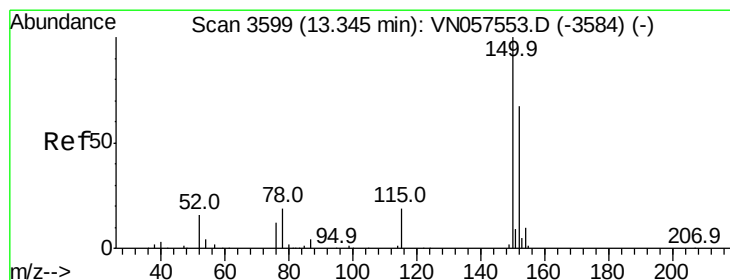
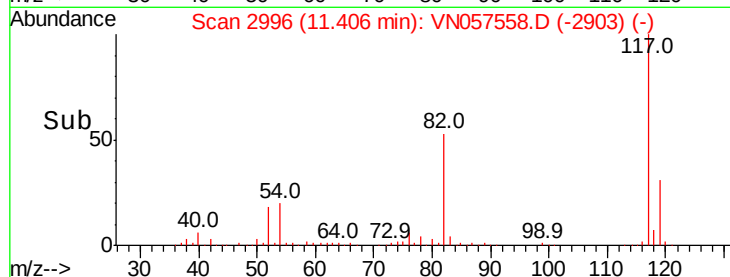
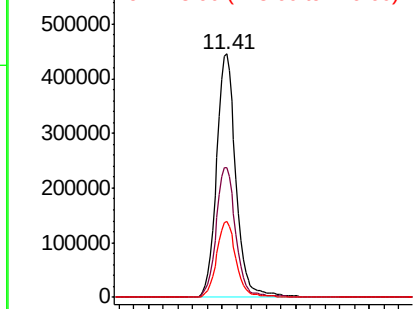
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057558.D
Acq: 29 Aug 2019 19:11

Instrument :
MSVOA_N
ClientSampled :
TB-3

Tot Ion:117 Resp: 809944
Ion Ratio Lower Upper
117 100
82 53.2 50.6 75.8
119 31.0 24.6 36.8

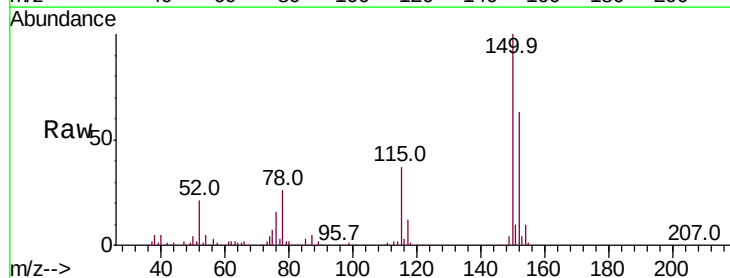


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057558.D
Acq: 29 Aug 2019 19:11

Tgt Ion:152 Resp: 204379
Ion Ratio Lower Upper
152 100
115 59.3 32.0 96.0
150 158.5 0.0 346.6



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

