

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054549.D
 Acq On : 22 Mar 2019 11:10
 Operator : JC/SP
 Sample : VN0322WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBL01

Quant Time: Mar 22 12:29:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 14:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	643784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	981757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	799676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	269061	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	393166	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.59	113	303894	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.09	98	1165275	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.40	95	345025	42.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.28%	

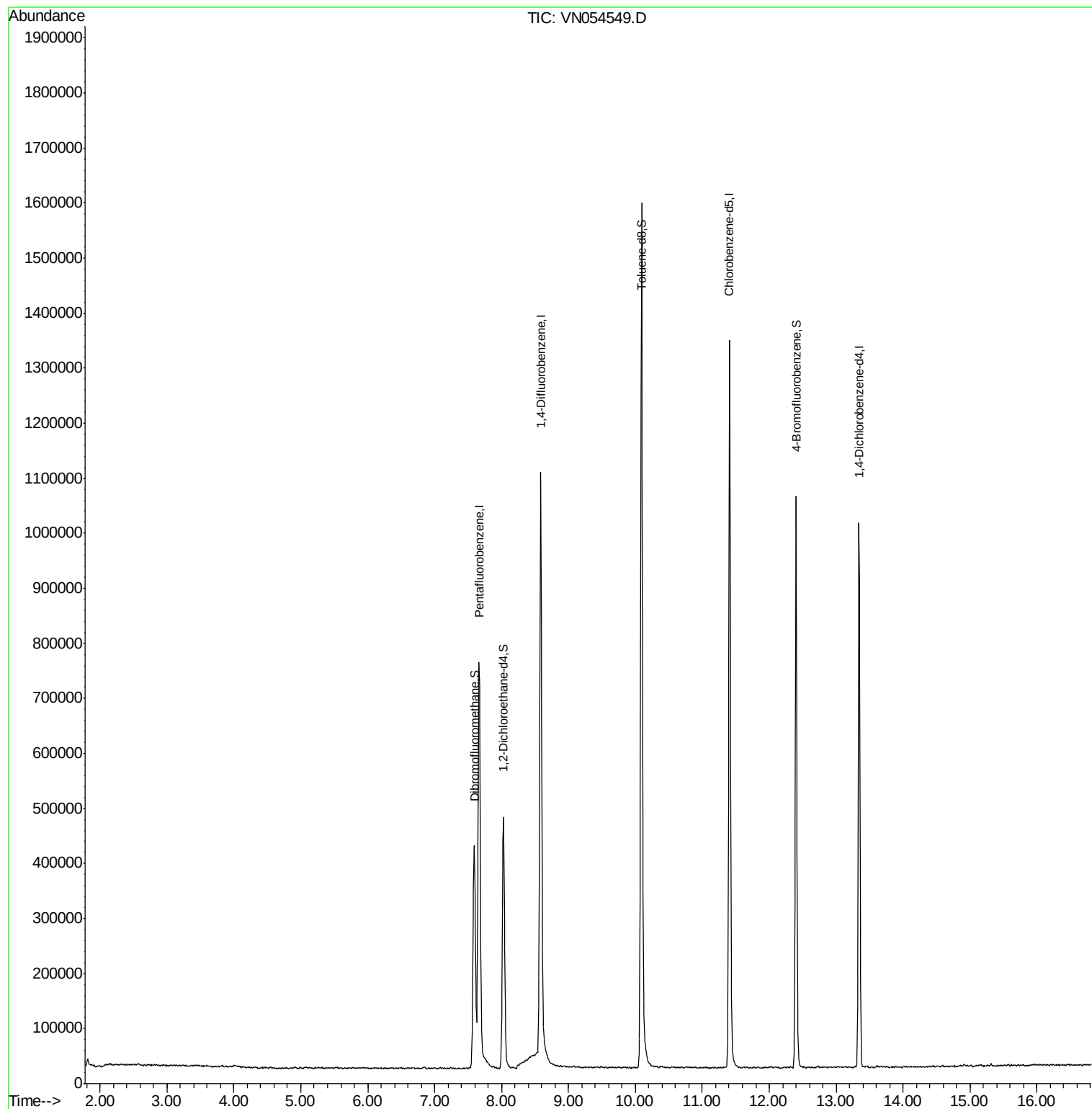
Target Compounds	Qvalue

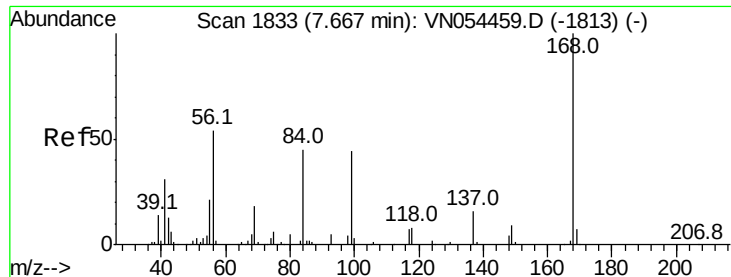
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054549.D

Acq: 22 Mar 2019 11:10

Instrument :

MSVOA_N

ClientSampleId :

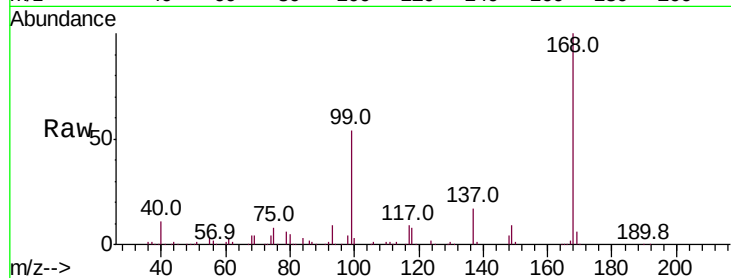
VN0322WBL01

Tot Ion:168 Resp: 643784

Ion Ratio Lower Upper

168 100

99 54.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

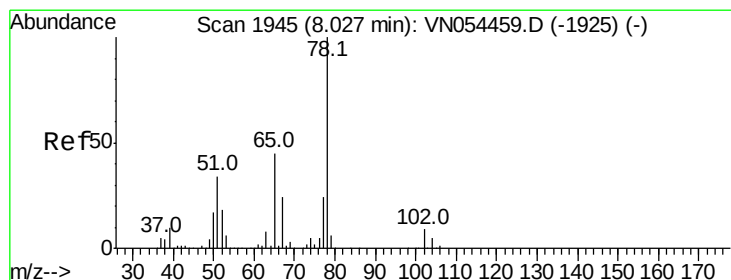
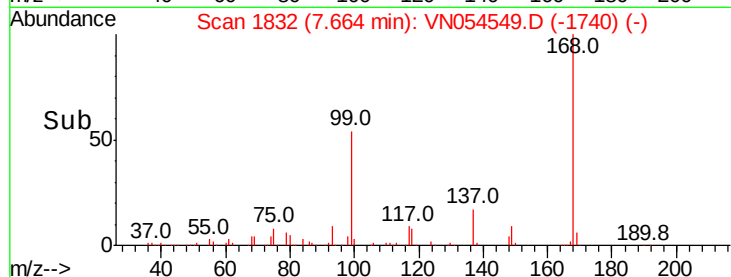
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 49.099 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054549.D

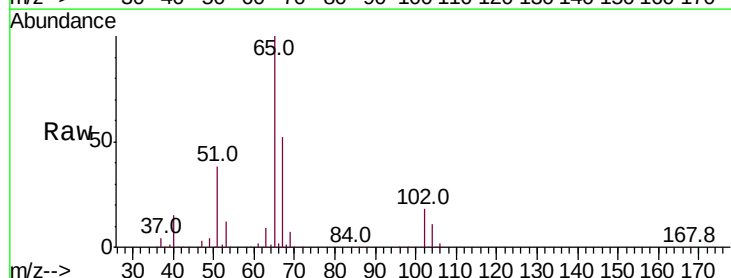
Acq: 22 Mar 2019 11:10

Tgt Ion: 65 Resp: 393166

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

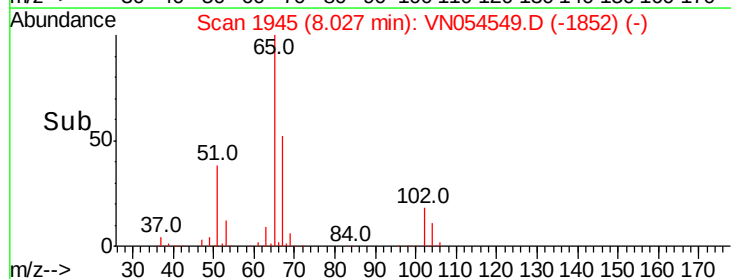
150000

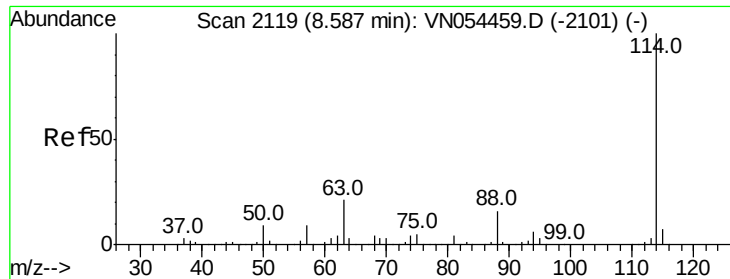
100000

50000

0

Time--> 7.95 8.00 8.05 8.10

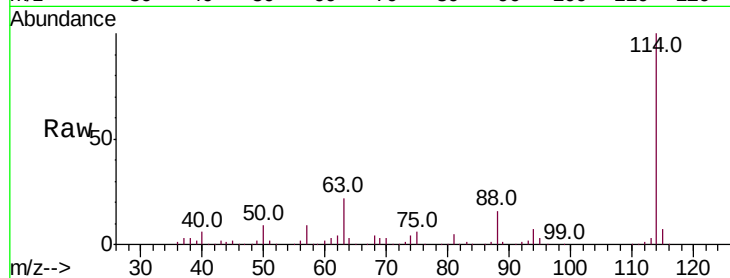




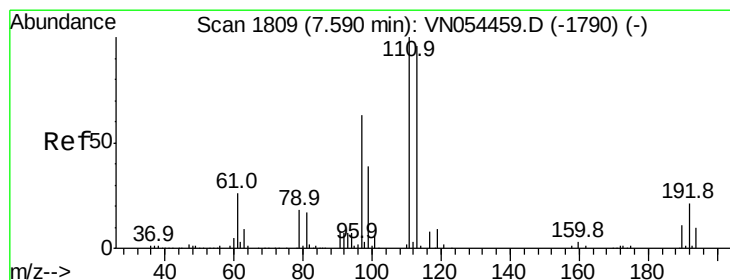
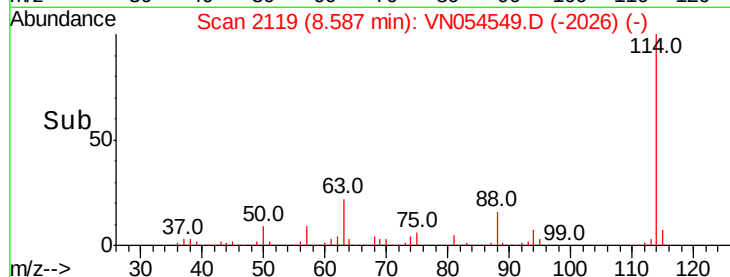
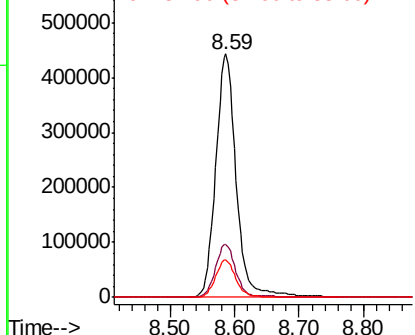
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054549.D
 Acq: 22 Mar 2019 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBL01

Tot Ion:114 Resp: 981757
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 35.2
 88 15.6 0.0 30.2

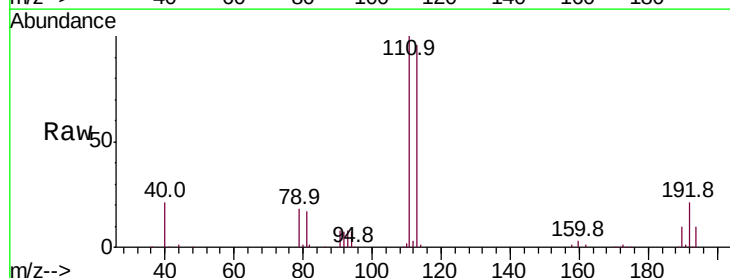


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

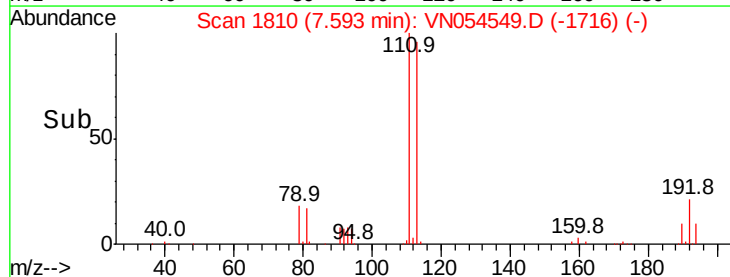
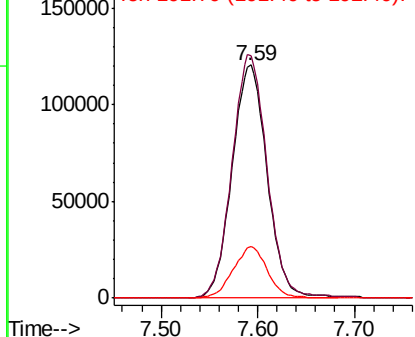


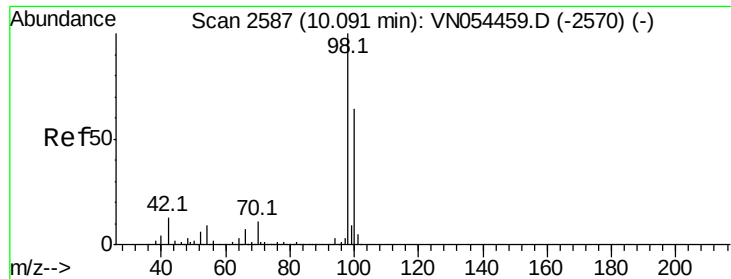
#35
 Dibromofluoromethane
 Concen: 48.047 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054549.D
 Acq: 22 Mar 2019 11:10

Tgt Ion:113 Resp: 303894
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.2 123.4
 192 21.7 19.2 28.8



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

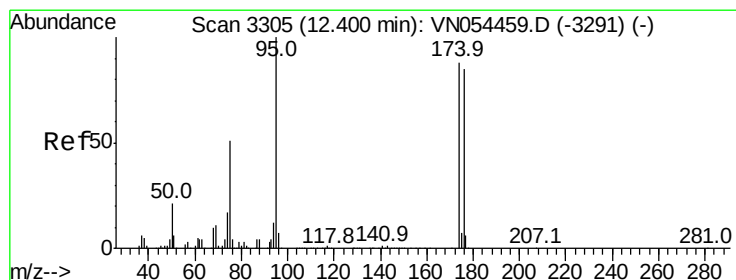
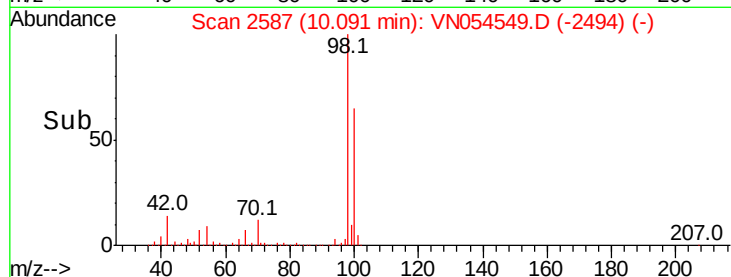
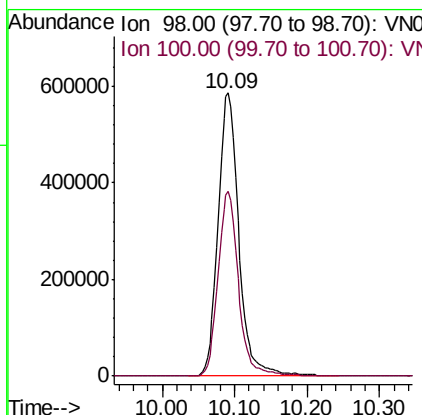
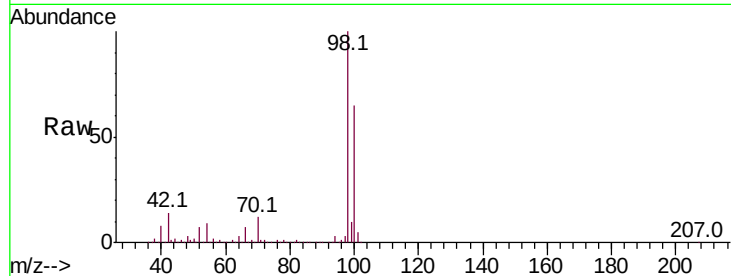




#50
Toluene-d8
Concen: 49.007 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054549.D
Acq: 22 Mar 2019 11:10

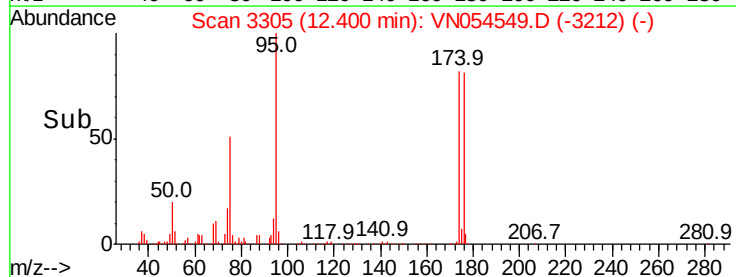
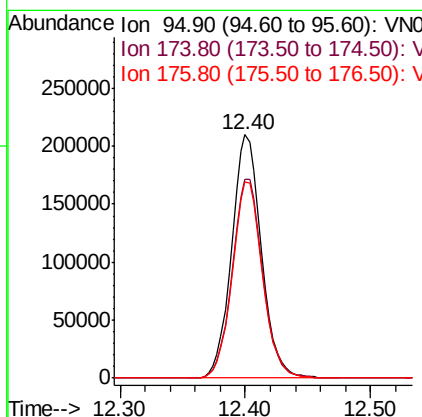
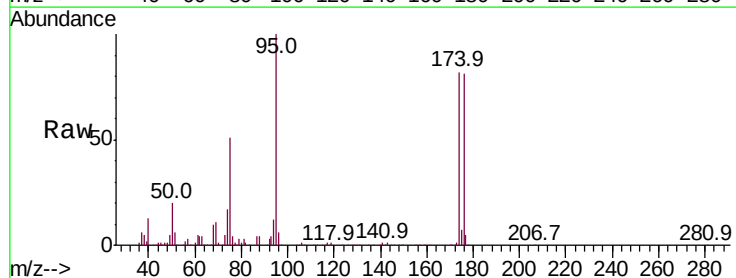
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBL01

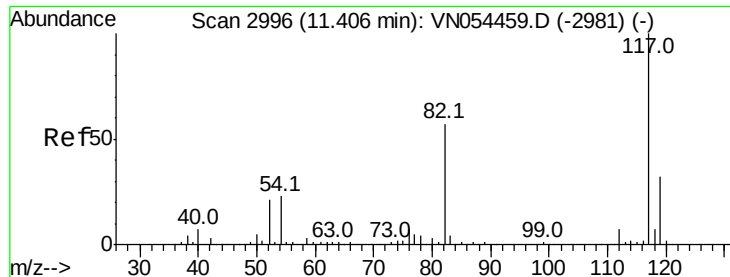
Tot Ion: 98 Resp: 1165275
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 42.642 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054549.D
Acq: 22 Mar 2019 11:10

Tgt Ion: 95 Resp: 345025
Ion Ratio Lower Upper
95 100
174 83.8 0.0 191.0
176 81.7 0.0 187.4

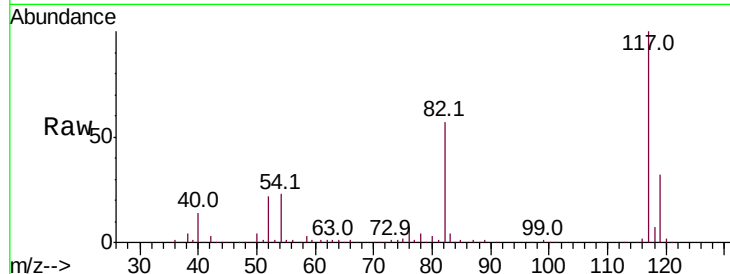




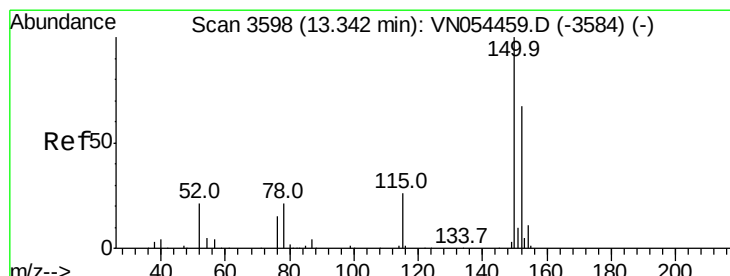
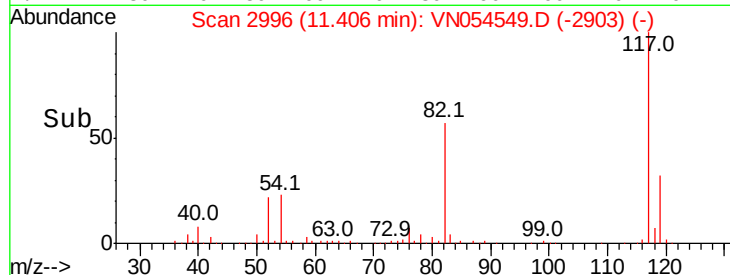
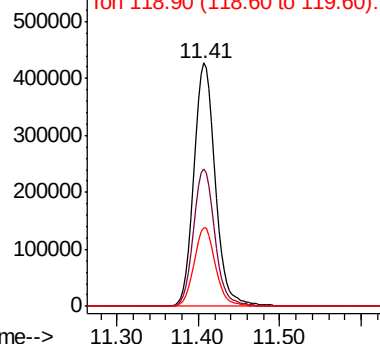
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054549.D
Acq: 22 Mar 2019 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0322WBL01

Tot Ion:117 Resp: 799676
Ion Ratio Lower Upper
117 100
82 56.6 40.0 60.0
119 32.5 25.8 38.6

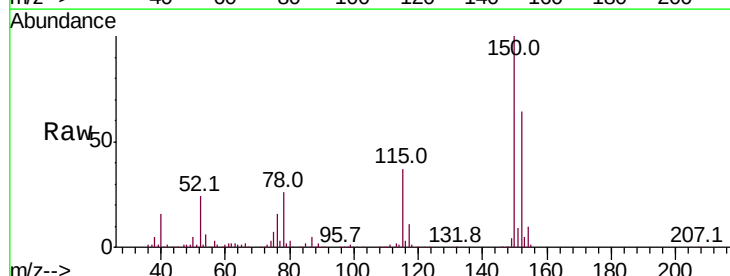


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054549.D
Acq: 22 Mar 2019 11:10

Tgt Ion:152 Resp: 269061
Ion Ratio Lower Upper
152 100
115 58.7 27.2 81.6
150 158.1 0.0 349.2



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

