

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054563.D
 Acq On : 22 Mar 2019 17:37
 Operator : JC/SP
 Sample : K1965-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW312I-20190315

Quant Time: Mar 23 03:57:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	642772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	987579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	795611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	272532	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	435859	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
35) Dibromofluoromethane	7.59	113	336060	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
50) Toluene-d8	10.09	98	1265061	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.40	95	365578	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	

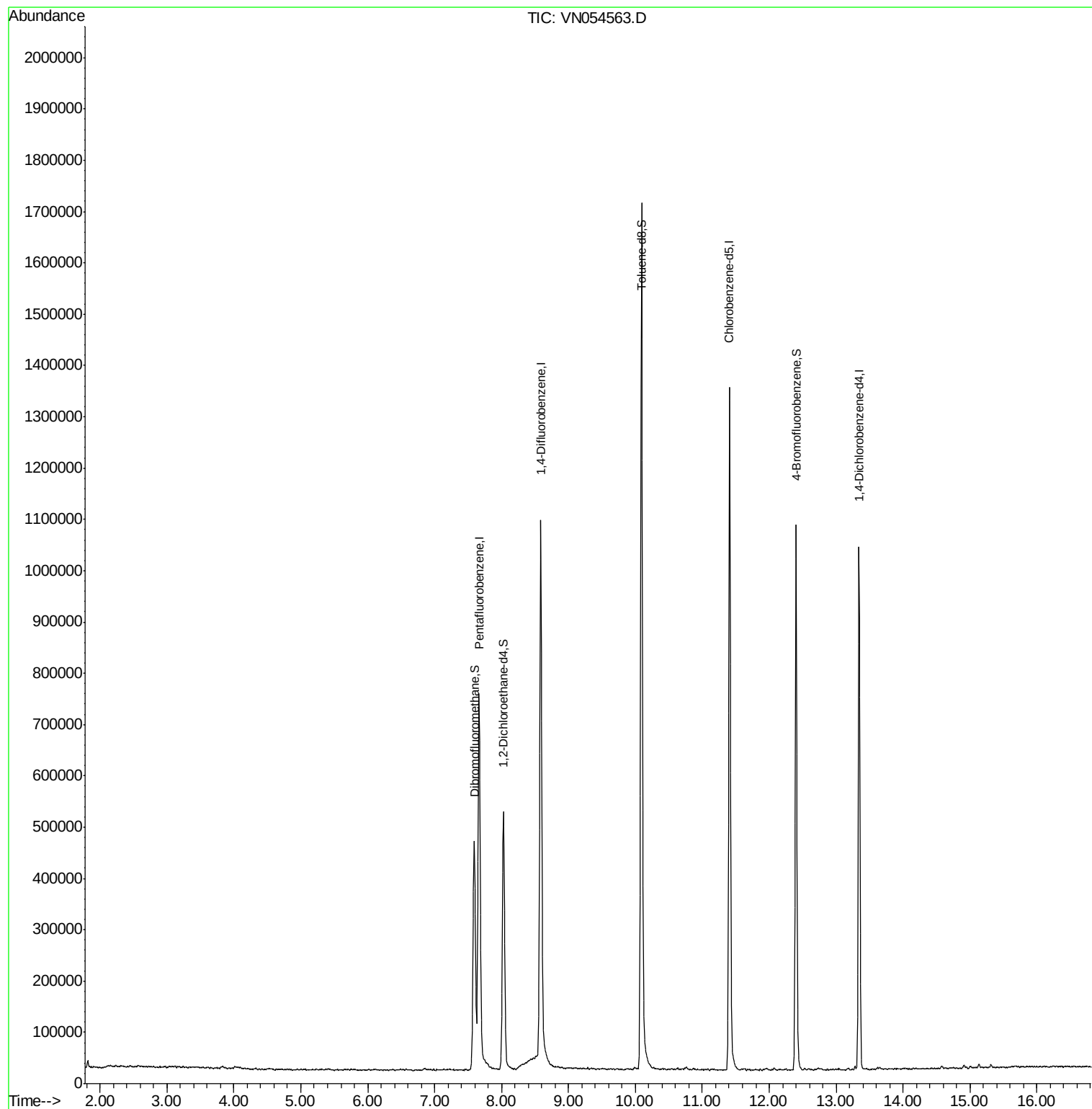
Target Compounds	Qvalue
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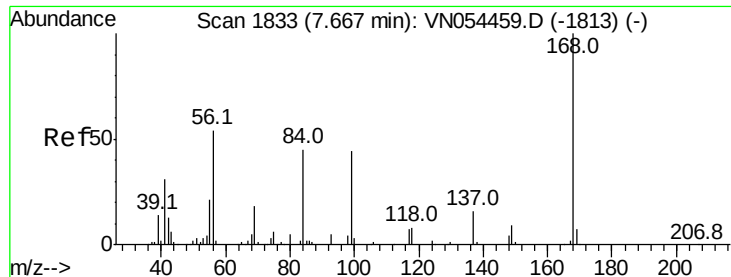
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032219\
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QLast Update : Fri Mar 22 02:09:07 2019
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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: VN054563.D

Acq: 22 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

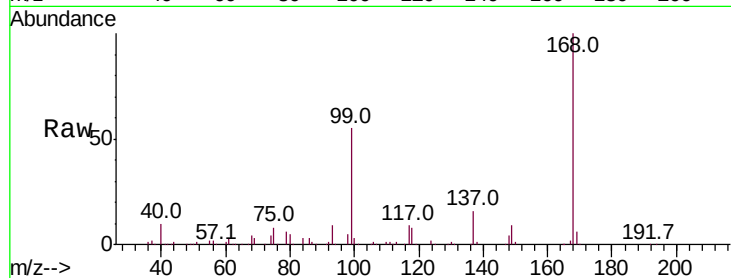
BPS1-TT-MW312I-20190315

Tot Ion:168 Resp: 642772

Ion Ratio Lower Upper

168 100

99 55.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

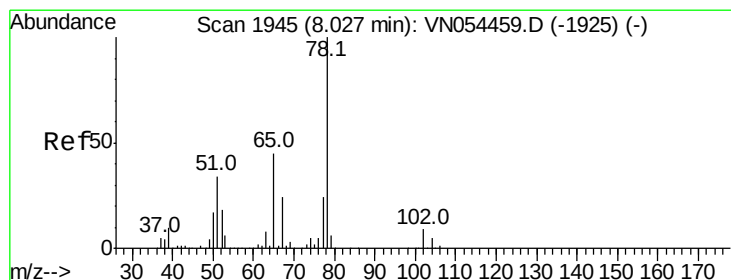
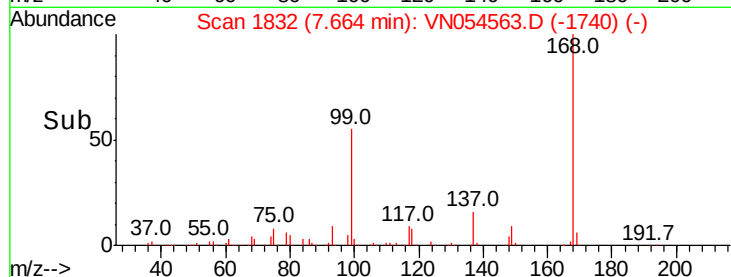
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.516 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054563.D

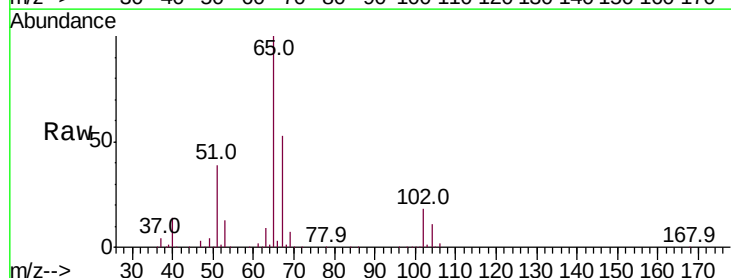
Acq: 22 Mar 2019 17:37

Tgt Ion: 65 Resp: 435859

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

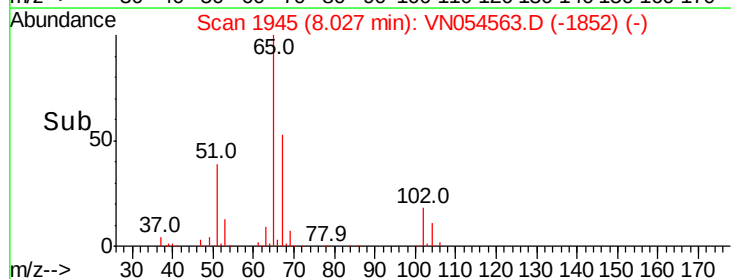
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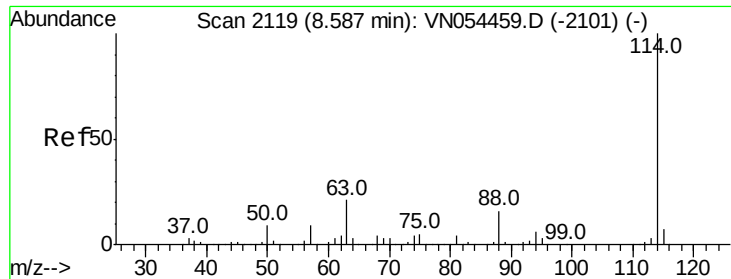
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Time-->

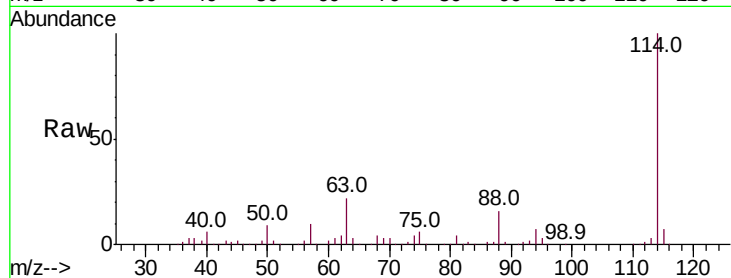




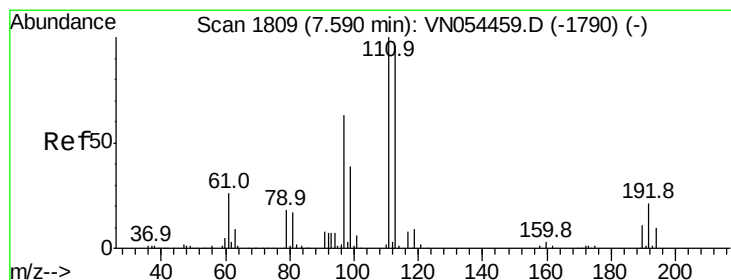
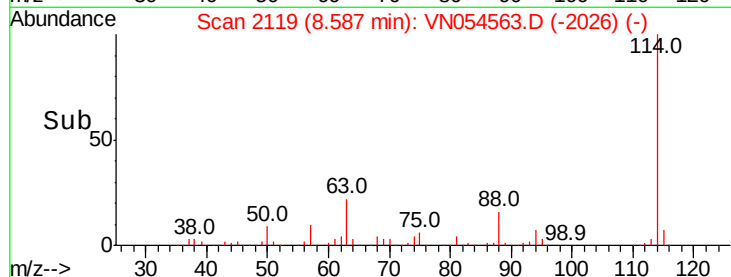
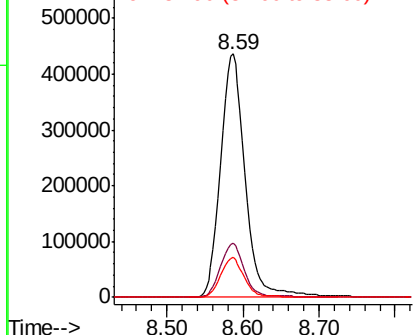
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054563.D
 Acq: 22 Mar 2019 17:37

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW312I-20190315

Tot Ion:114 Resp: 987579
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 35.2
 88 16.3 0.0 30.2

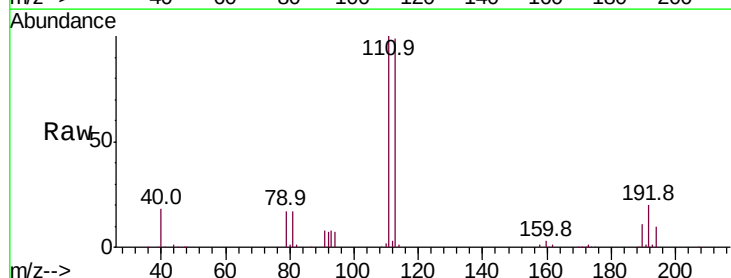


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

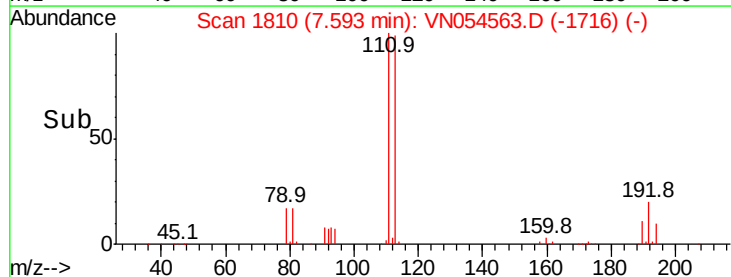
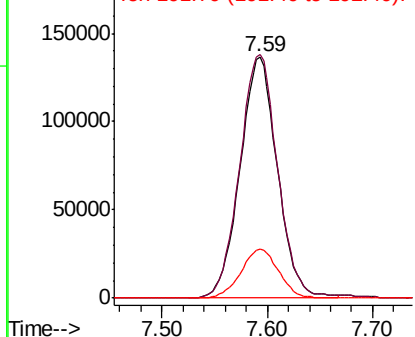


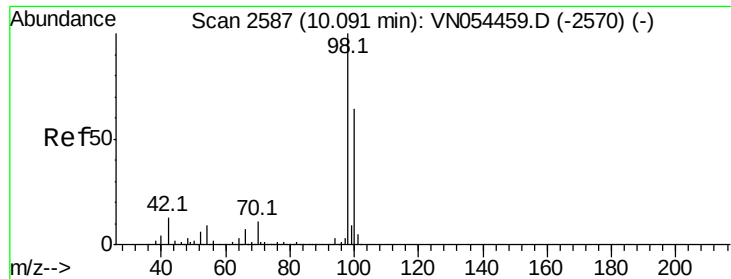
#35
 Dibromofluoromethane
 Concen: 52.819 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054563.D
 Acq: 22 Mar 2019 17:37

Tgt Ion:113 Resp: 336060
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.4
 192 20.7 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: 52.889 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054563.D

Acq: 22 Mar 2019 17:37

Instrument :

MSVOA_N

ClientSampleId :

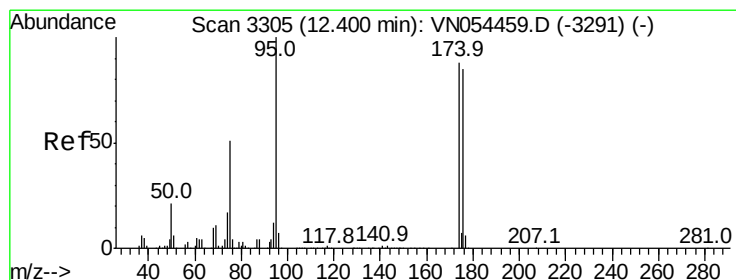
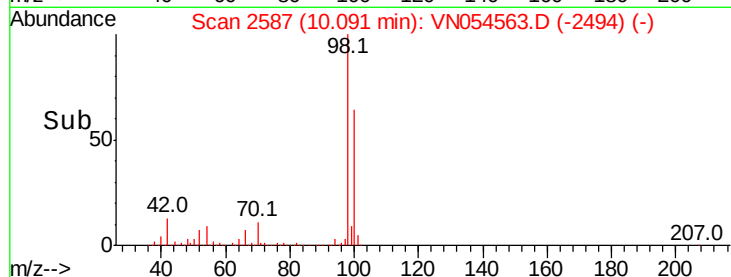
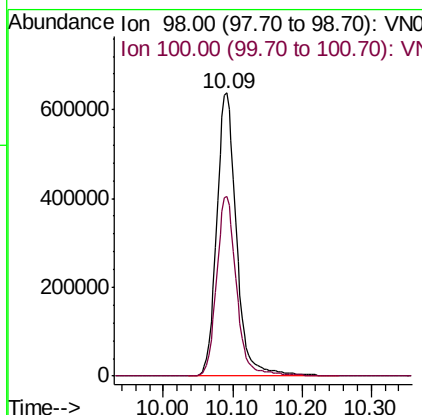
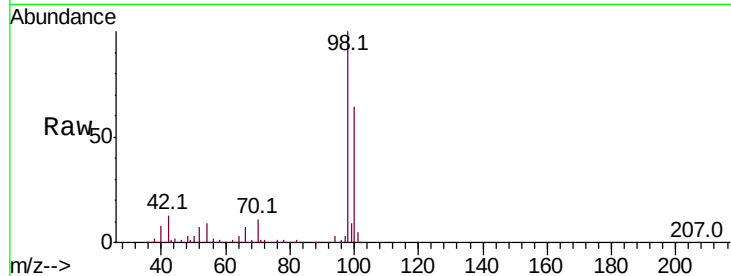
BPS1-TT-MW312I-20190315

Tot Ion: 98 Resp: 1265061

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.916 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054563.D

Acq: 22 Mar 2019 17:37

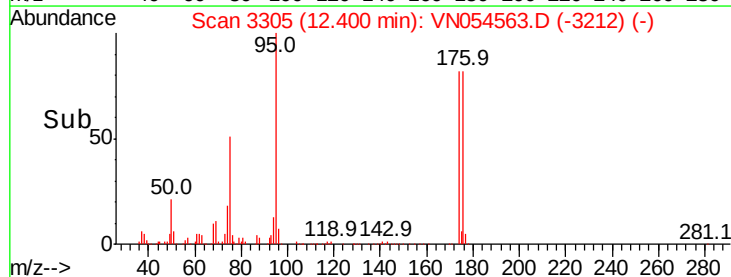
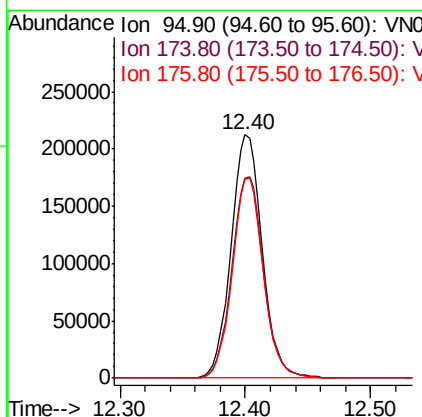
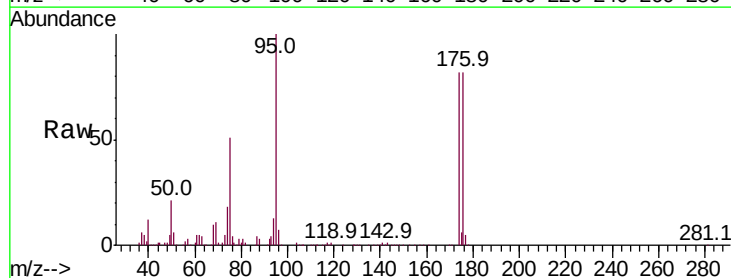
Tgt Ion: 95 Resp: 365578

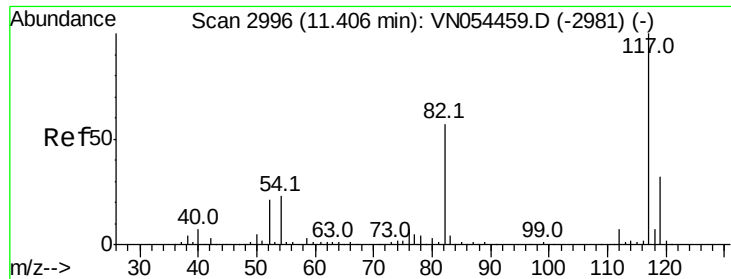
Ion Ratio Lower Upper

95 100

174 84.1 0.0 191.0

176 81.7 0.0 187.4

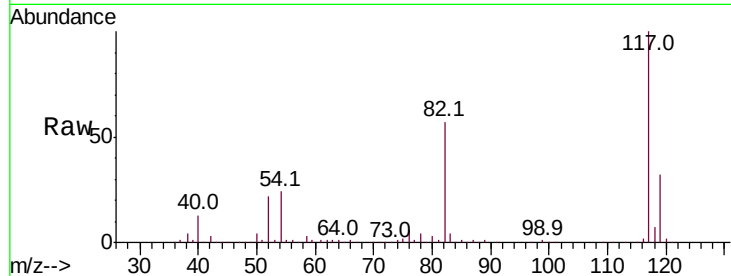




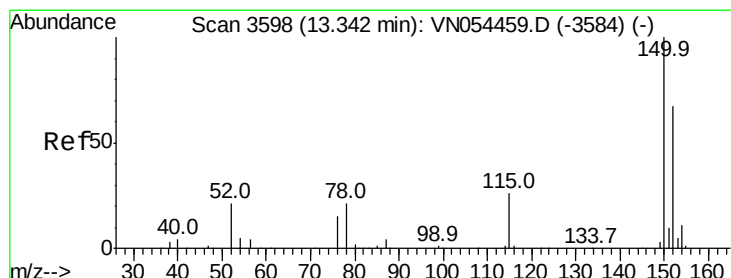
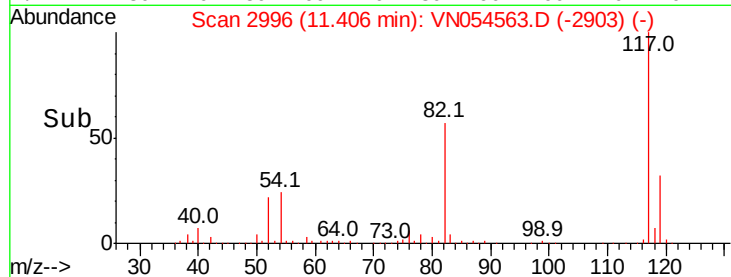
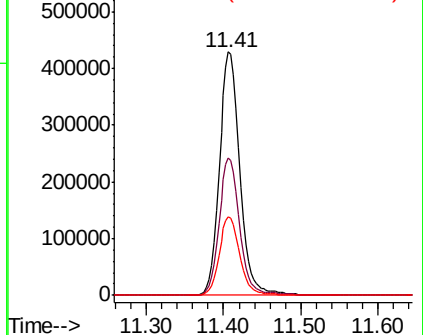
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN054563.D
 Acq: 22 Mar 2019 17:37

Instrument :
 MSVOA_N
 ClientSampleId :
 BPS1-TT-MW312I-20190315

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	40.0	60.0
119	32.3	25.8	38.6

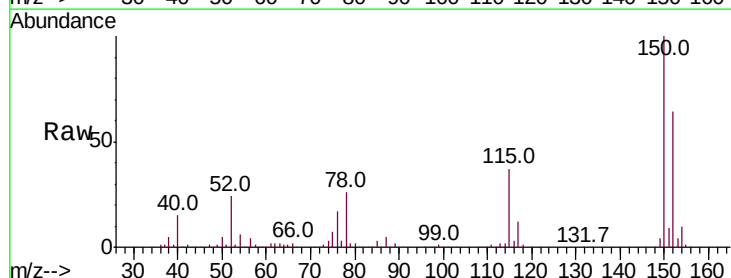


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN054563.D
 Acq: 22 Mar 2019 17:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	27.2	81.6
150	157.1	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

