

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031319\
 Data File : VN054207.D
 Acq On : 13 Mar 2019 13:02
 Operator : JC/SP
 Sample : K1842-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-030819

Quant Time: Mar 14 06:48:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

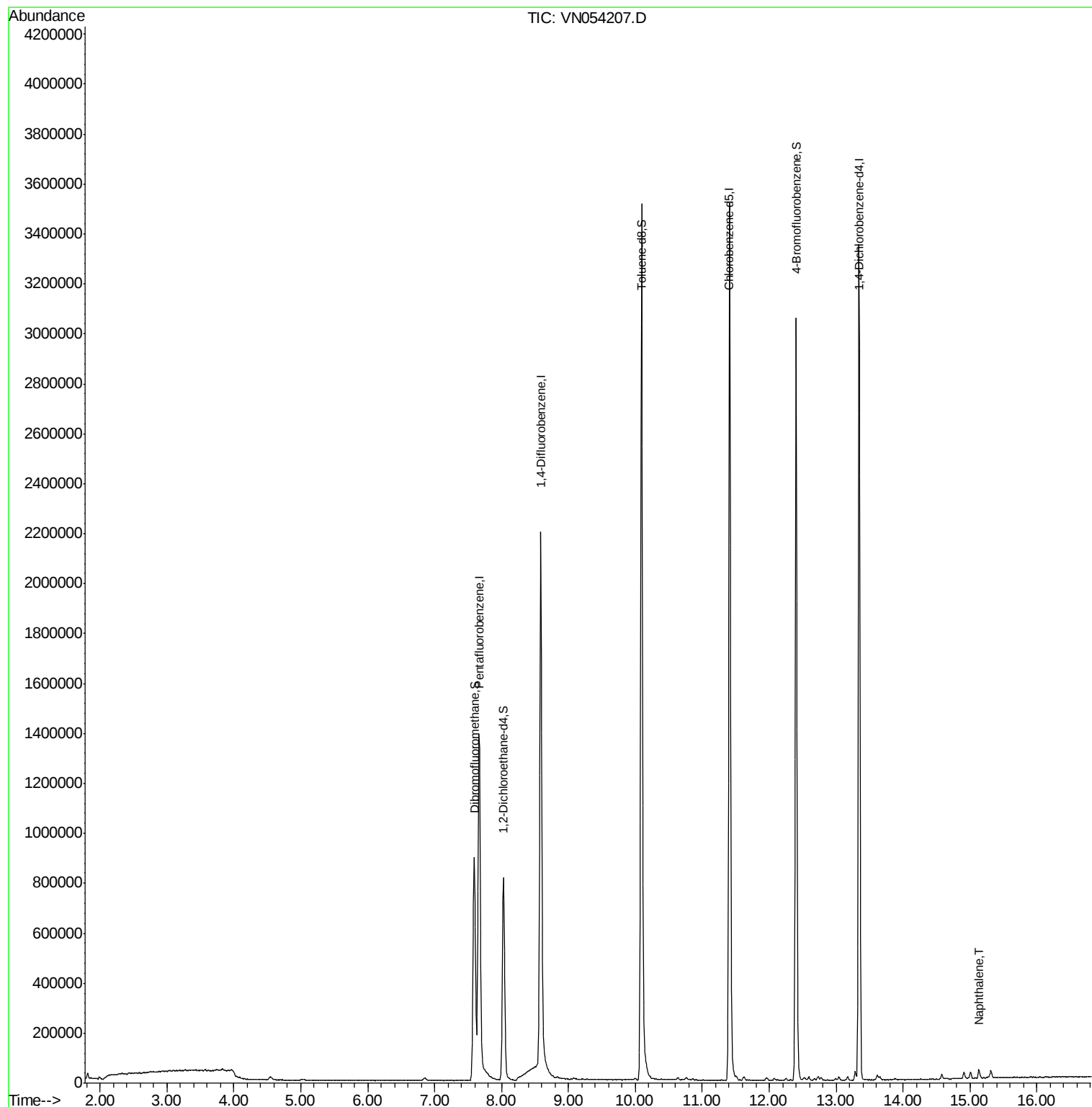
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1333056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2213027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2327042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	973246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	726991	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	7.59	113	692637	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	10.09	98	2784030	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.40	95	1044785	56.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.30%	
Target Compounds						
95) Naphthalene	15.13	128	28988	4.102	ug/l	Qvalue 98

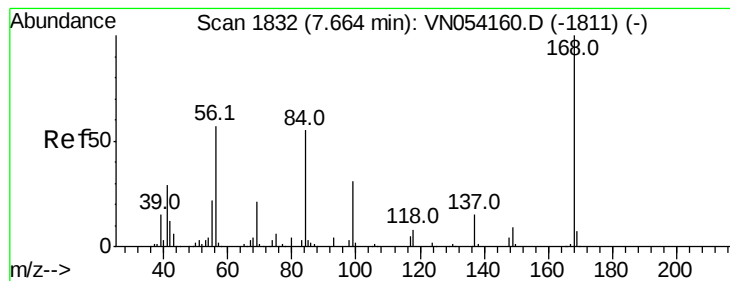
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031319\
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QLast Update : Wed Mar 13 03:33:31 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: VN054207.D

Acq: 13 Mar 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

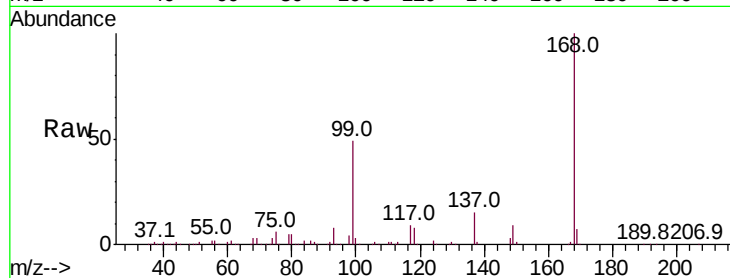
TB-030819

Tot Ion:168 Resp: 1333056

Ion Ratio Lower Upper

168 100

99 48.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

600000

500000

400000

300000

200000

100000

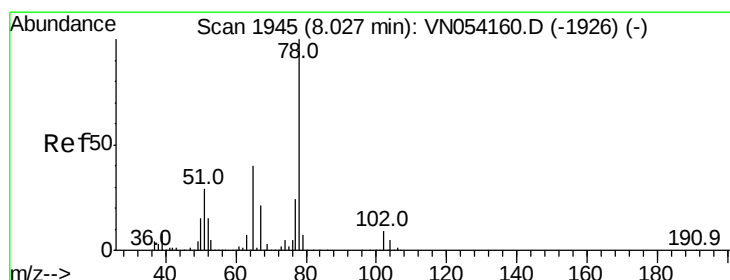
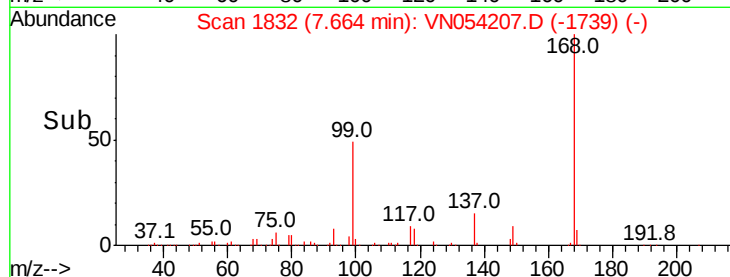
0

7.66

7.70

7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.352 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054207.D

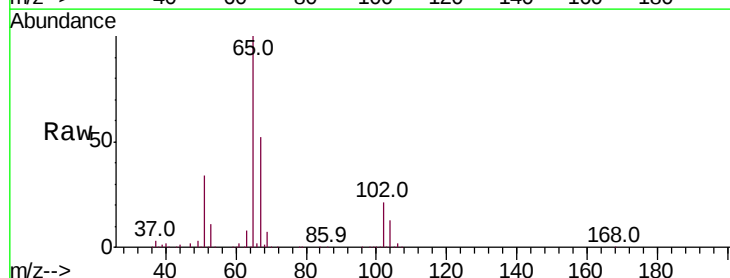
Acq: 13 Mar 2019 13:02

Tgt Ion: 65 Resp: 726991

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

300000

200000

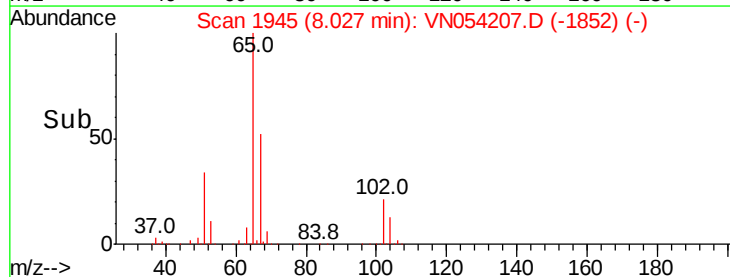
100000

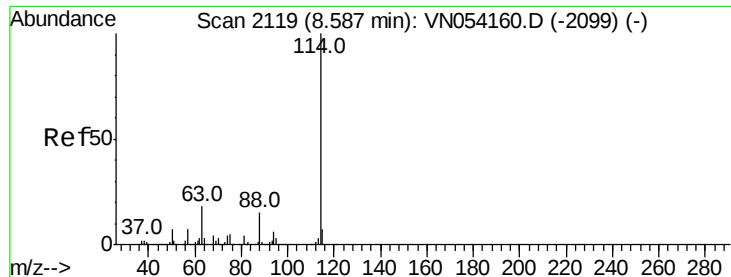
0

8.03

8.10

Time-->



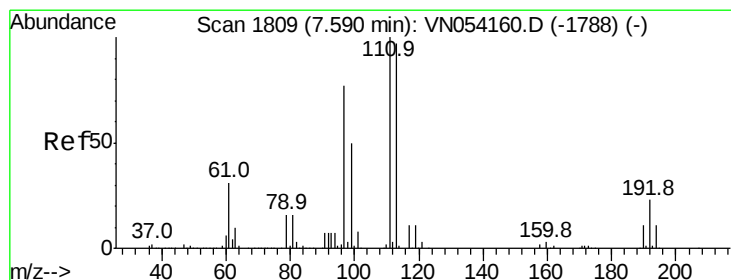
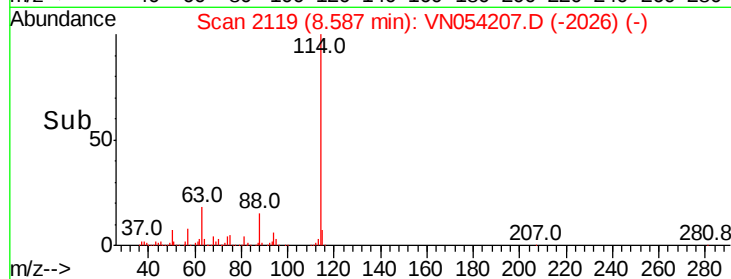
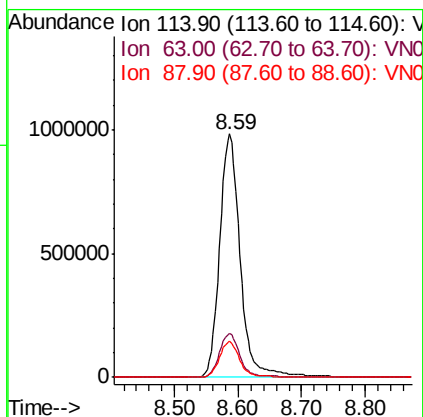
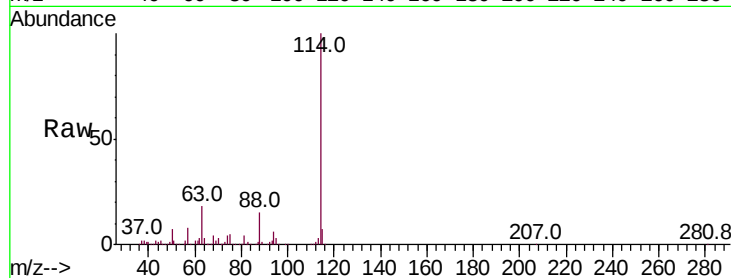


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054207.D
 Acq: 13 Mar 2019 13:02

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-030819

Tot Ion:114 Resp: 2213027

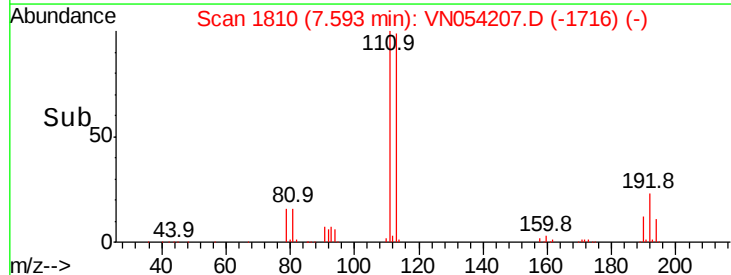
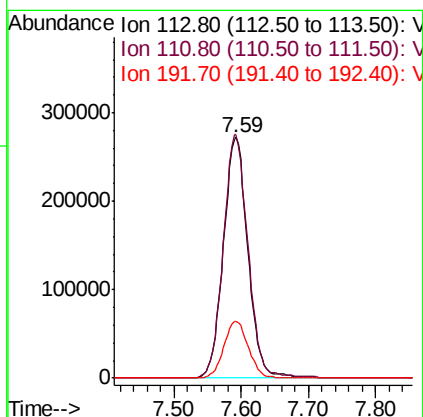
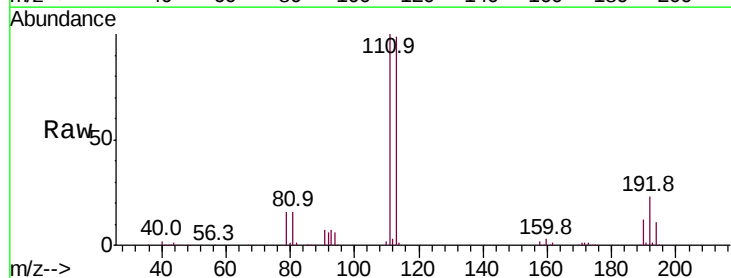
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.2
88	14.6	0.0	30.2

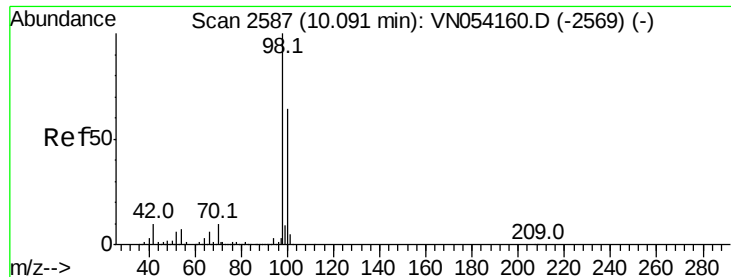


#35
 Dibromofluoromethane
 Concen: 48.527 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054207.D
 Acq: 13 Mar 2019 13:02

Tgt Ion:113 Resp: 692637

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.4
192	23.7	19.2	28.8





#50

Toluene-d8

Concen: 52.815 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

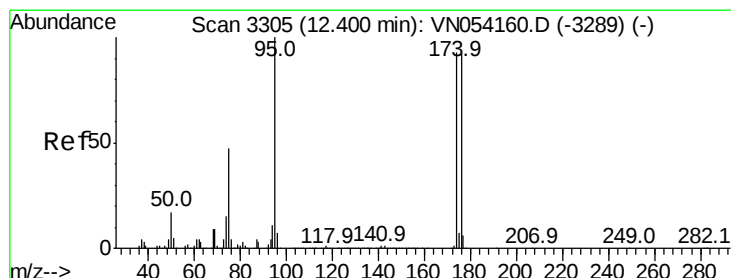
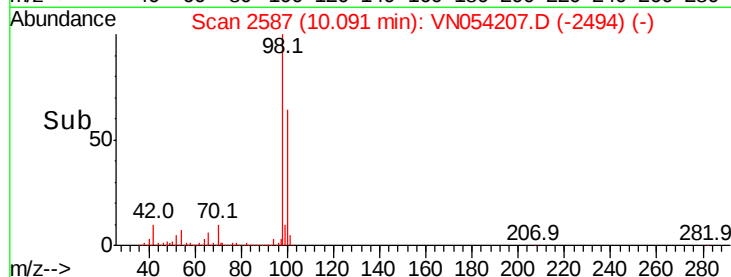
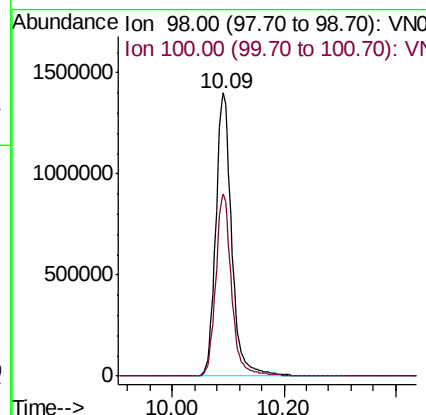
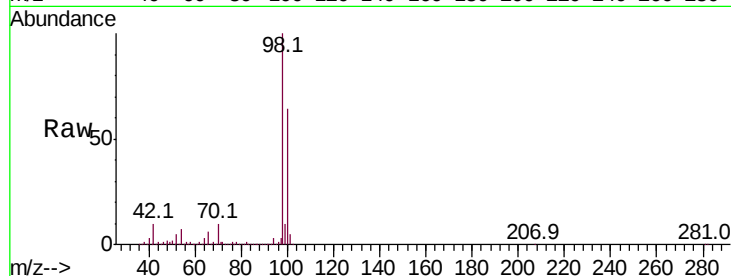
TB-030819

Tot Ion: 98 Resp: 2784030

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 56.646 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

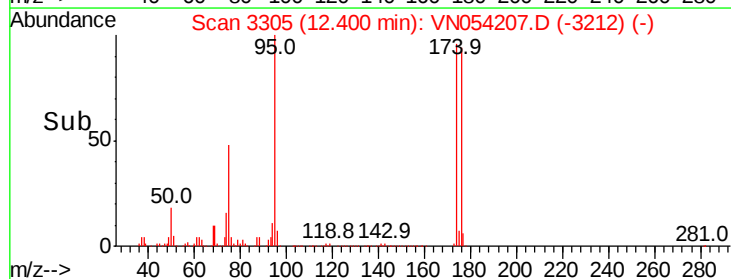
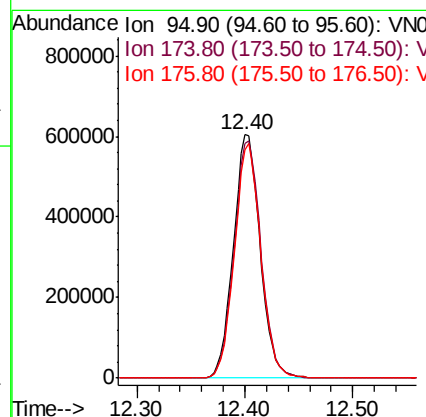
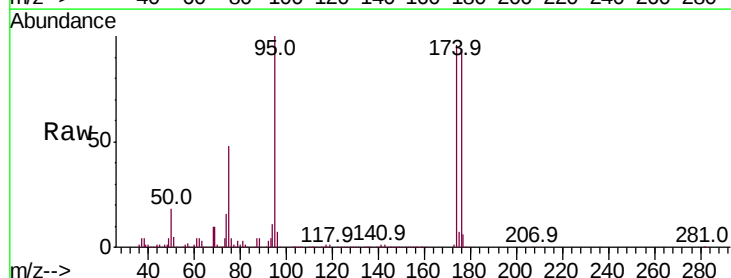
Tgt Ion: 95 Resp: 1044785

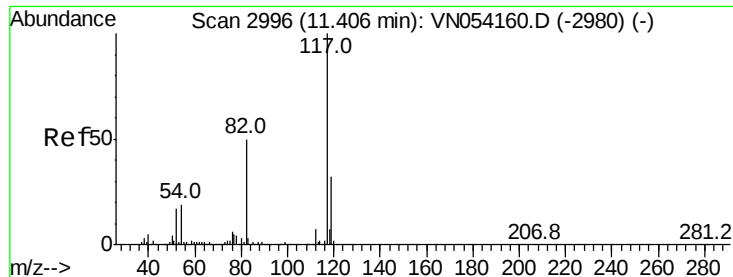
Ion Ratio Lower Upper

95 100

174 98.2 0.0 191.0

176 94.9 0.0 187.4

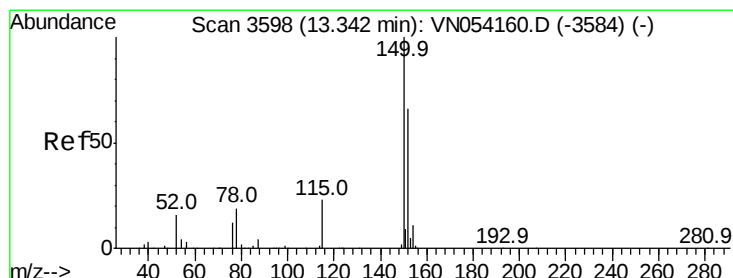
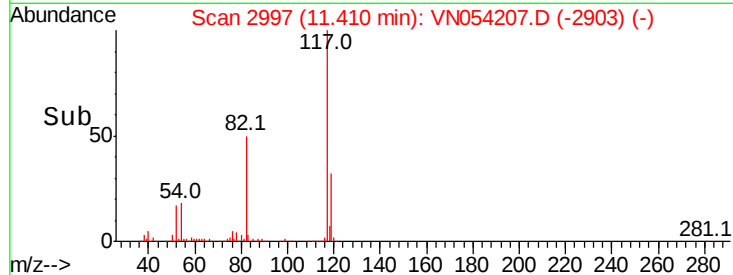
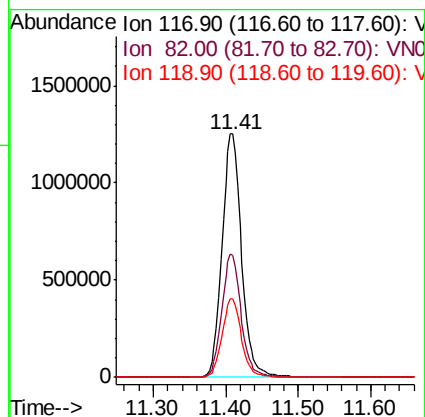
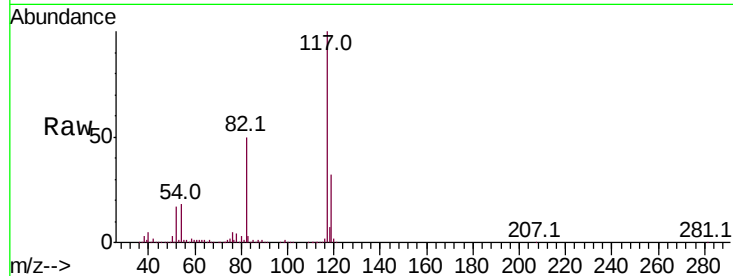




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054207.D
Acq: 13 Mar 2019 13:02

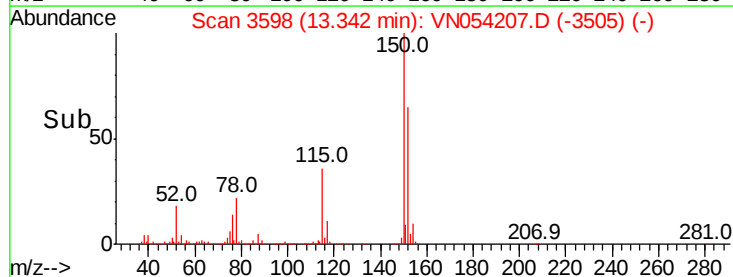
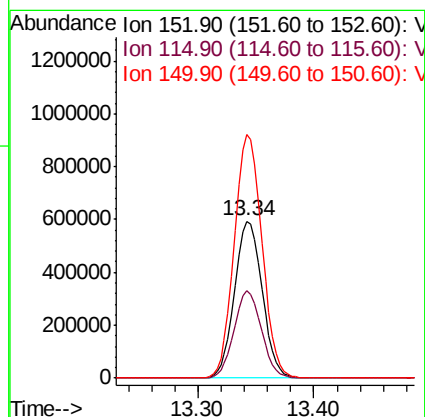
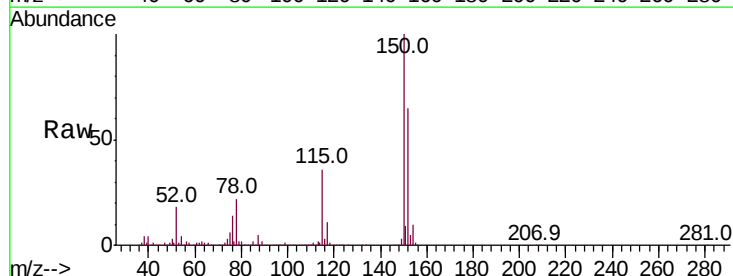
Instrument :
MSVOA_N
ClientSampleId :
TB-030819

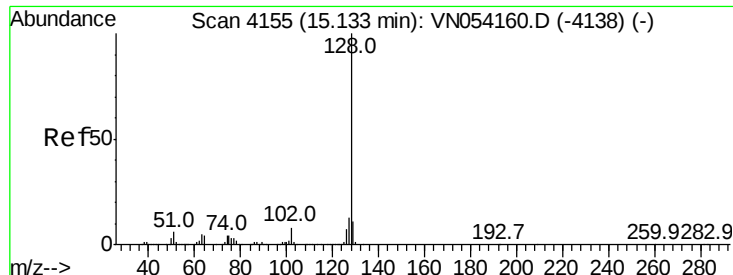
Tot Ion:117 Resp: 2327042
Ion Ratio Lower Upper
117 100
82 49.9 40.0 60.0
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054207.D
Acq: 13 Mar 2019 13:02

Tgt Ion:152 Resp: 973246
Ion Ratio Lower Upper
152 100
115 54.9 27.2 81.6
150 155.8 0.0 349.2





#95

Naphthalene

Concen: 4.102 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054207.D

Acq: 13 Mar 2019 13:02

Instrument :

MSVOA_N

ClientSampleId :

TB-030819

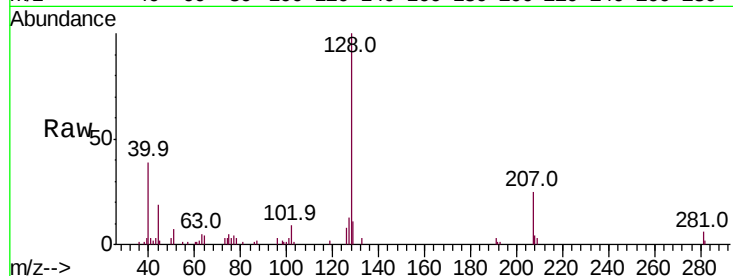
Tot Ion:128 Resp: 28988

Ion Ratio Lower Upper

128 100

127 13.6 10.1 15.1

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

