

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054402.D
 Acq On : 18 Mar 2019 19:00
 Operator : JC/SP
 Sample : K1972-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-10-031519

Quant Time: Mar 19 06:56:16 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	1840811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2672280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2217368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	772722	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	885949	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	
35) Dibromofluoromethane	7.59	113	823450	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
50) Toluene-d8	10.09	98	3053103	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	12.40	95	886166	39.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.58%	

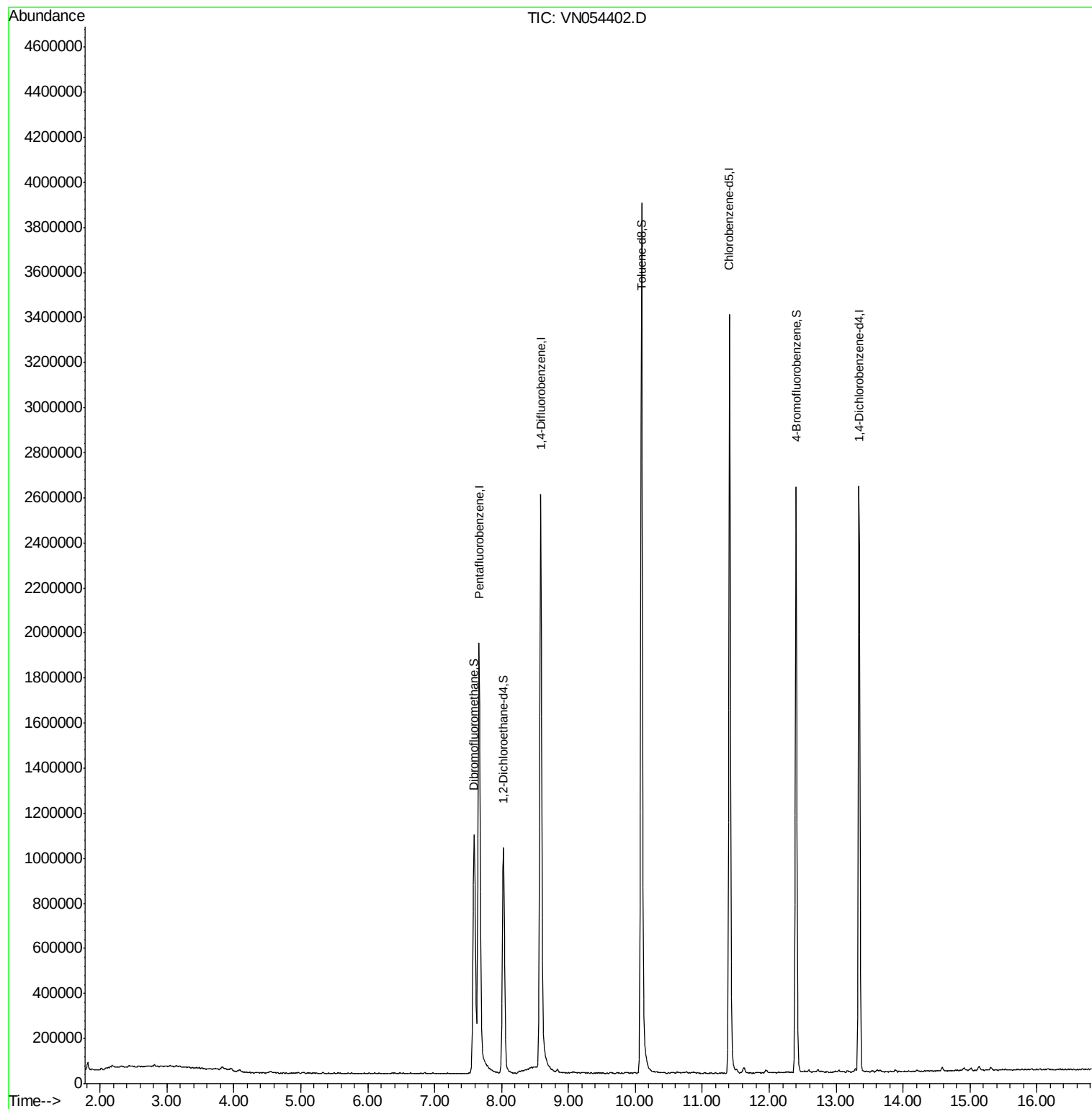
Target Compounds	Qvalue

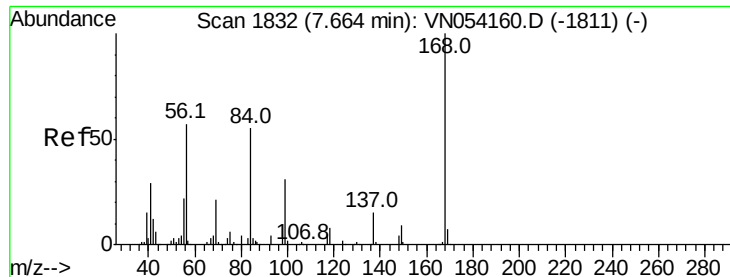
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031819\
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QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054402.D

Acq: 18 Mar 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

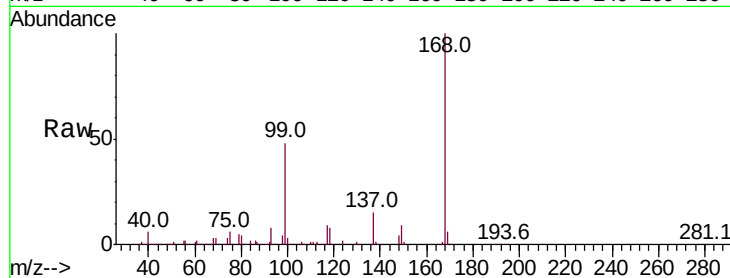
TW-10-031519

Tot Ion:168 Resp: 1840811

Ion Ratio Lower Upper

168 100

99 47.8 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

800000

600000

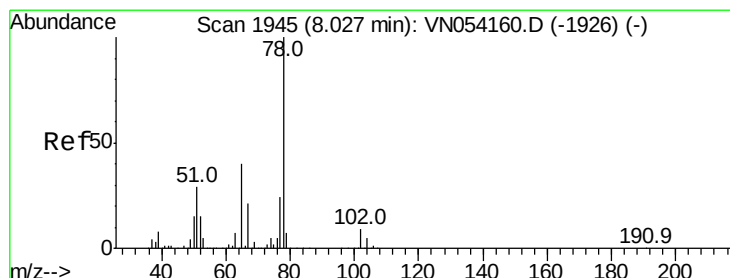
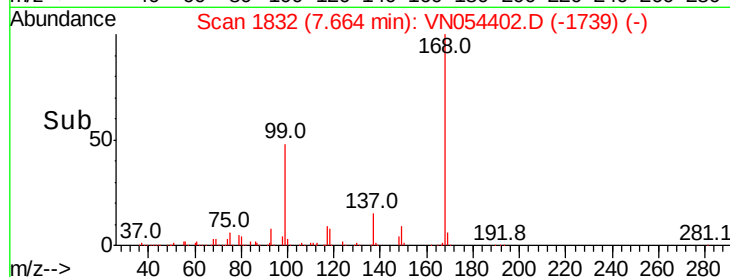
400000

200000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.318 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054402.D

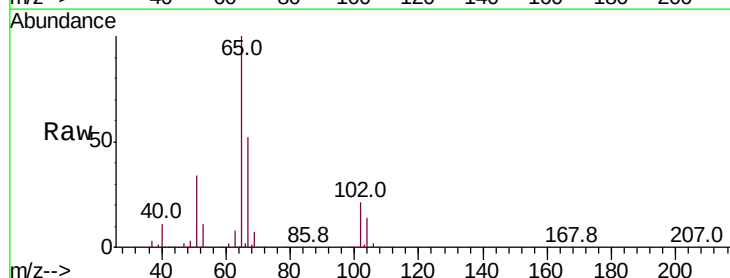
Acq: 18 Mar 2019 19:00

Tgt Ion: 65 Resp: 885949

Ion Ratio Lower Upper

65 100

67 52.5 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

400000

300000

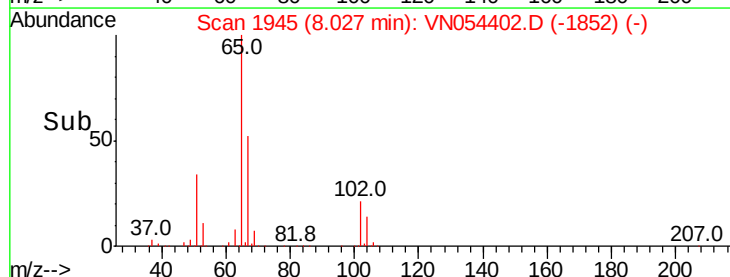
200000

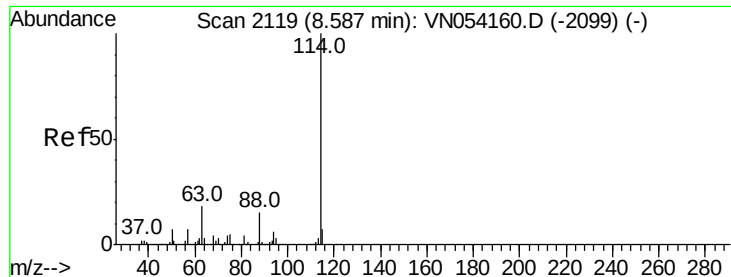
100000

0

7.90 8.00 8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054402.D

Acq: 18 Mar 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

TW-10-031519

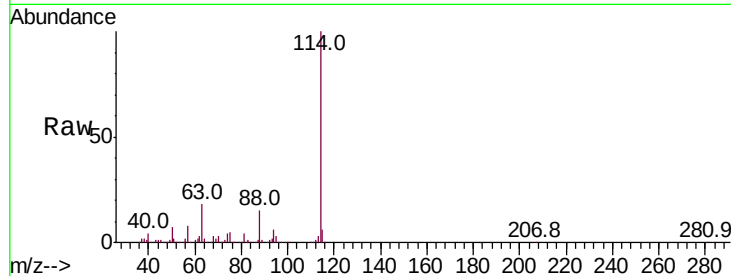
Tot Ion:114 Resp: 2672280

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

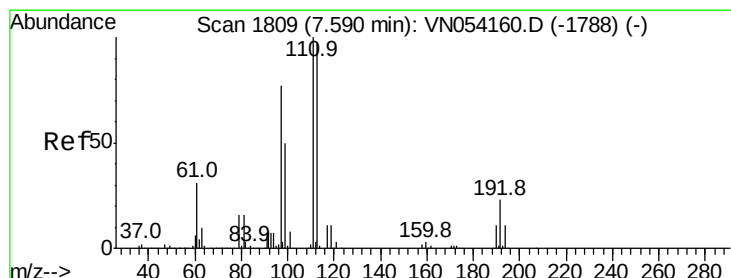
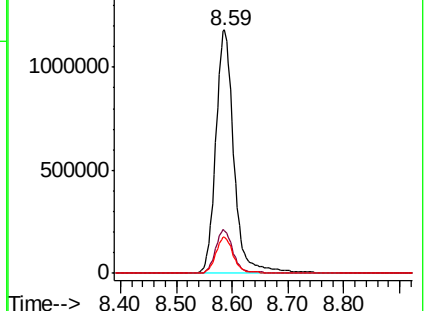
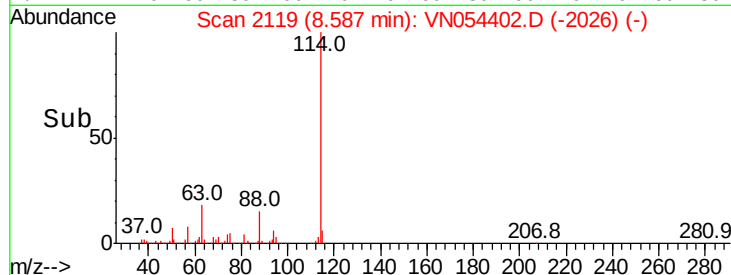
88 14.7 0.0 30.2



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: 47.777 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054402.D

Acq: 18 Mar 2019 19:00

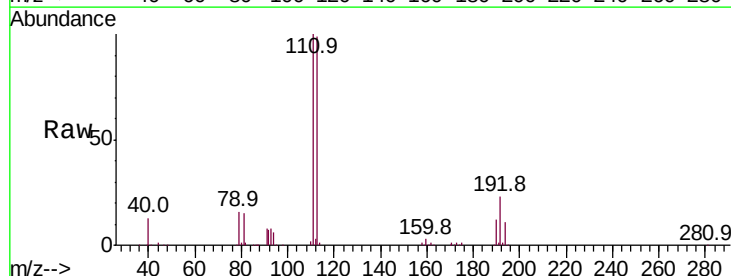
Tgt Ion:113 Resp: 823450

Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.4

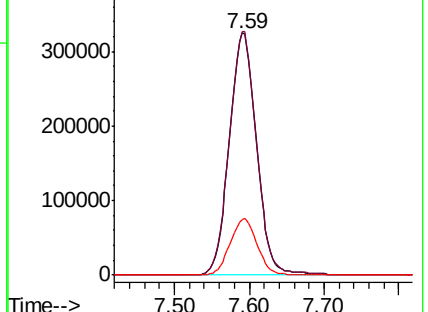
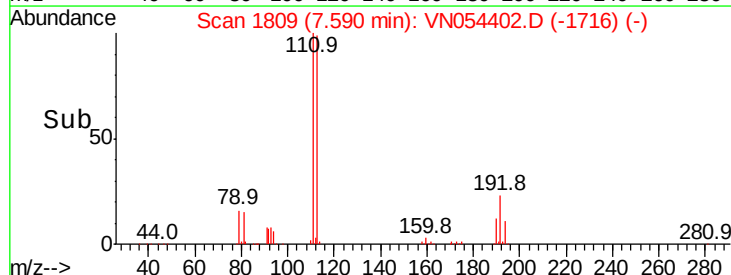
192 23.3 19.2 28.8

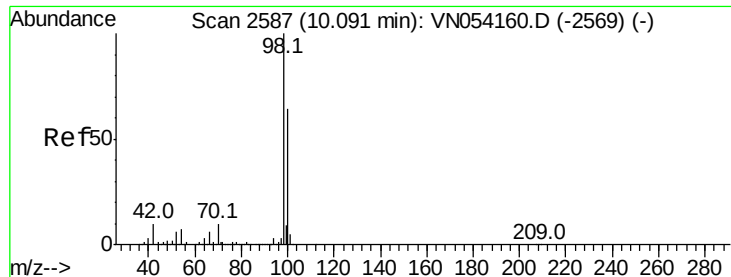


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.966 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054402.D

Acq: 18 Mar 2019 19:00

Instrument :

MSVOA_N

ClientSampleId :

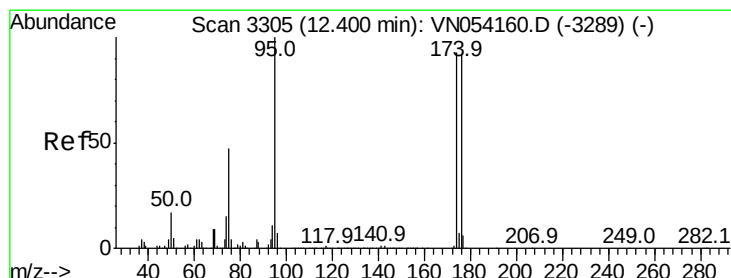
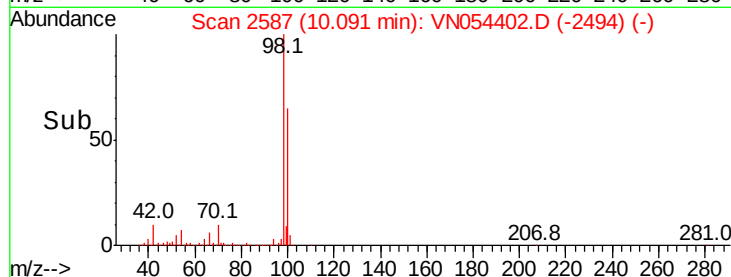
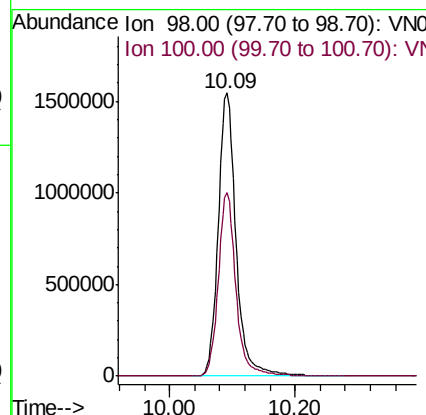
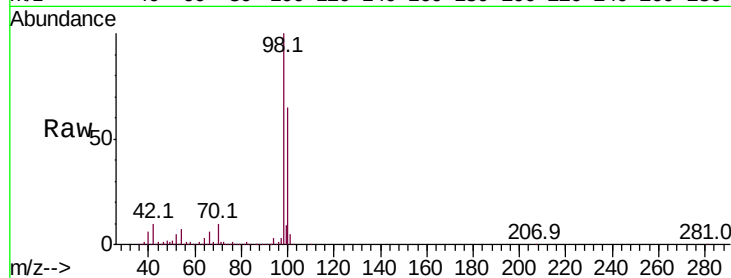
TW-10-031519

Tot Ion: 98 Resp: 3053103

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 39.789 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054402.D

Acq: 18 Mar 2019 19:00

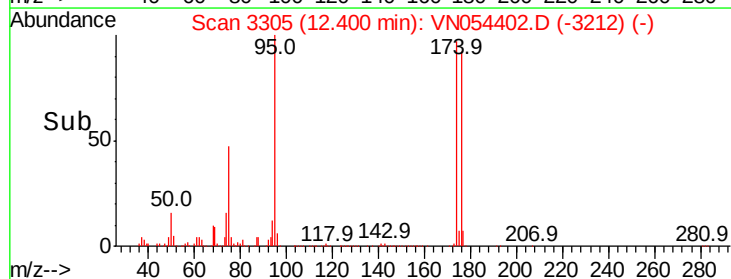
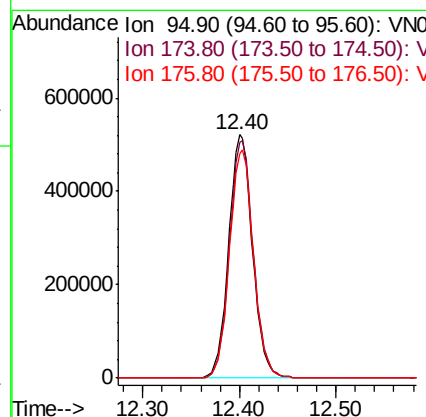
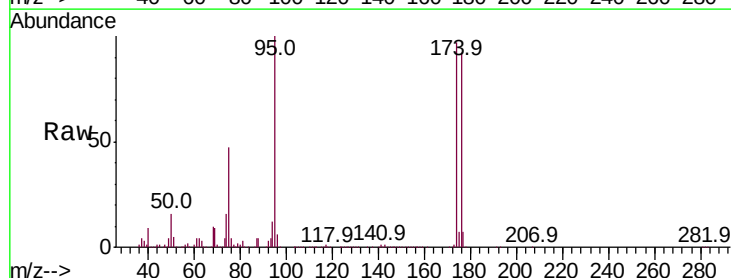
Tgt Ion: 95 Resp: 886166

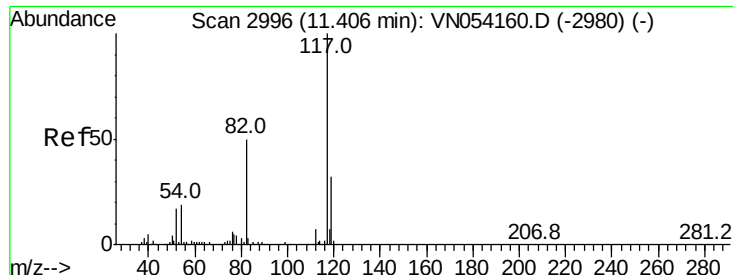
Ion Ratio Lower Upper

95 100

174 98.1 0.0 191.0

176 94.5 0.0 187.4

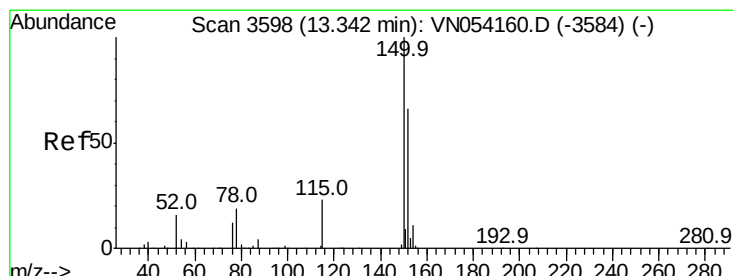
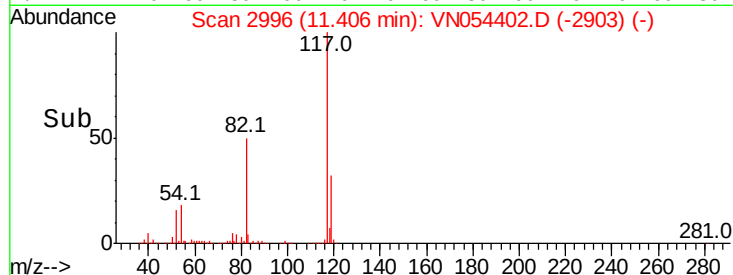
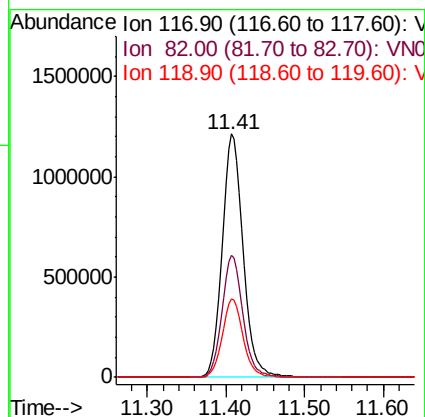
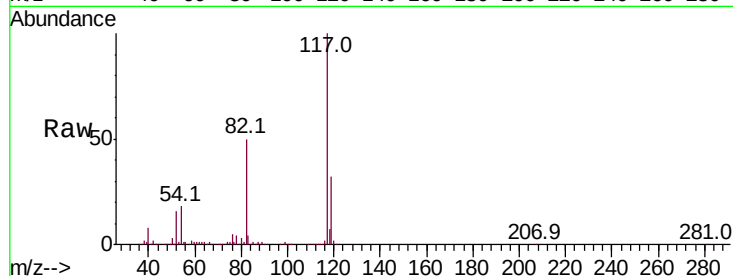




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument :
MSVOA_N
ClientSampleId :
TW-10-031519

Tot Ion:117 Resp: 2217368
Ion Ratio Lower Upper
117 100
82 50.3 40.0 60.0
119 32.3 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: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion:152 Resp: 772722
Ion Ratio Lower Upper
152 100
115 55.1 27.2 81.6
150 157.9 0.0 349.2

