

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054403.D
 Acq On : 18 Mar 2019 19:28
 Operator : JC/SP
 Sample : K1972-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-8-031519

Quant Time: Mar 19 06:57:59 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

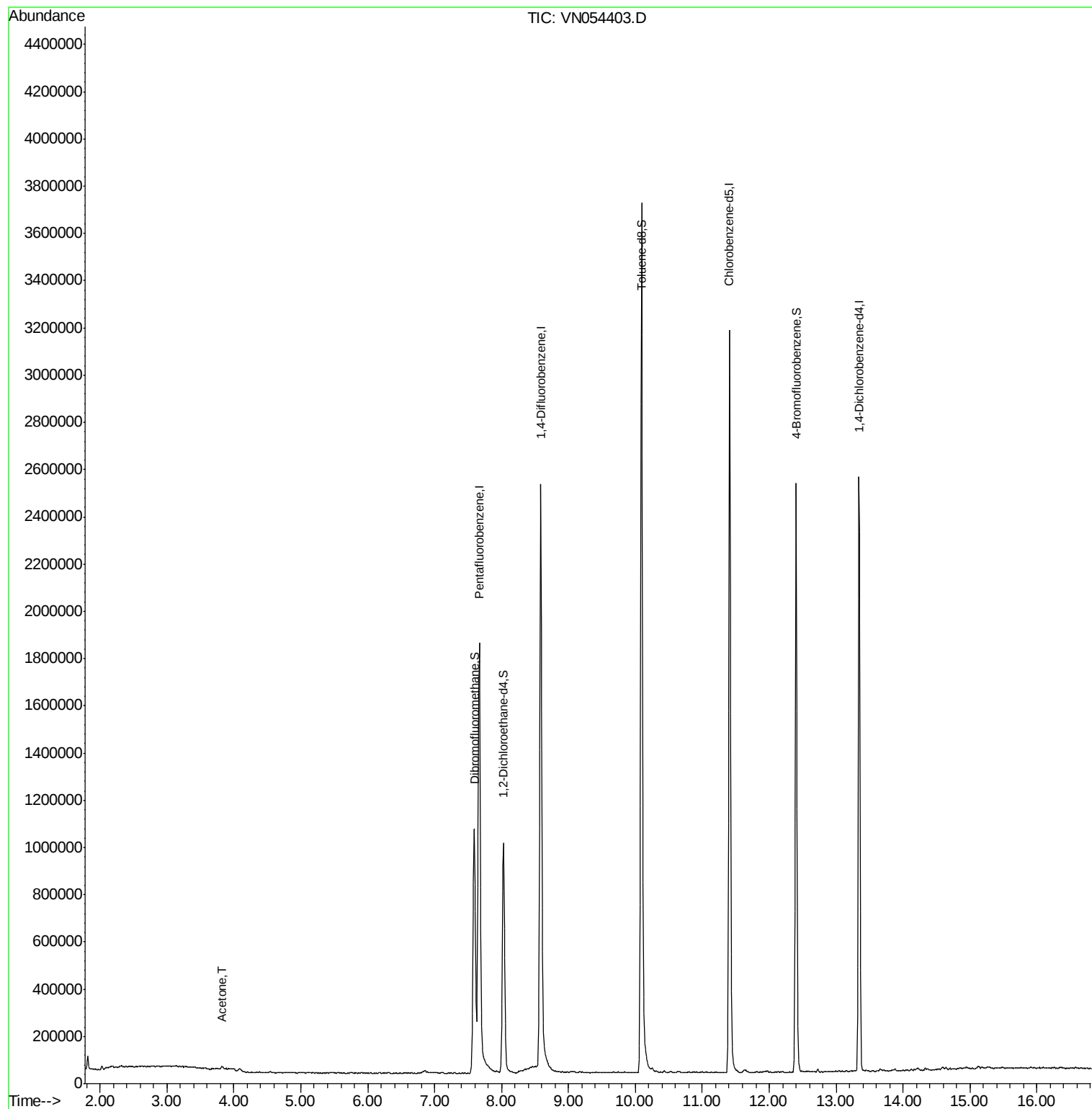
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1818364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2574657	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2130476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	753209	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	867398	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
35) Dibromofluoromethane	7.59	113	789274	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
50) Toluene-d8	10.09	98	2960665	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.40	95	856920	39.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.86%	
Target Compounds						
16) Acetone	3.83	43	15430	2.791	ug/l	Qvalue 98

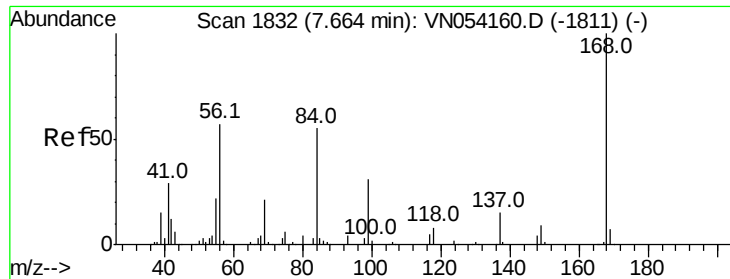
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054403.D

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MSVOA_N

ClientSampleId :

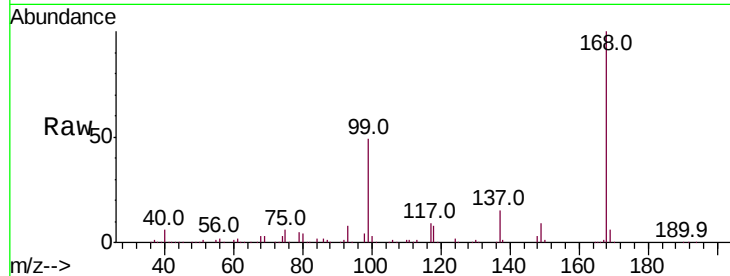
TW-8-031519

Tot Ion:168 Resp: 1818364

Ion Ratio Lower Upper

168 100

99 48.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

800000

600000

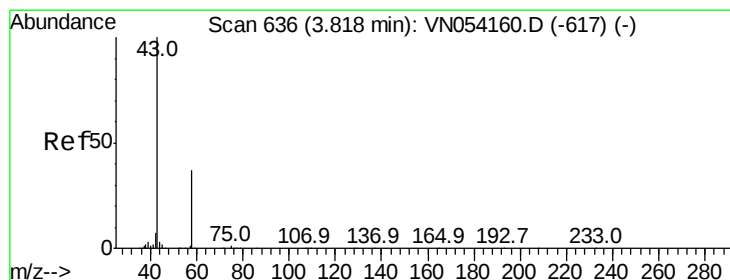
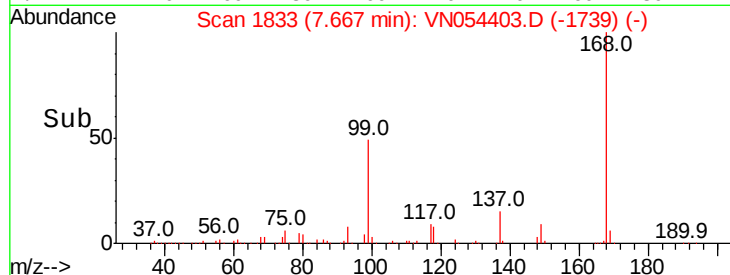
400000

200000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 2.791 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN054403.D

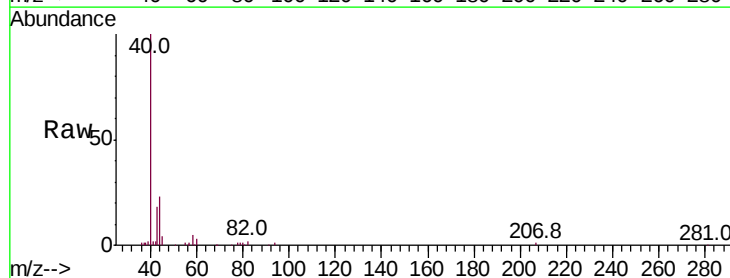
Acq: 18 Mar 2019 19:28

Tgt Ion: 43 Resp: 15430

Ion Ratio Lower Upper

43 100

58 38.5 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

8000

6000

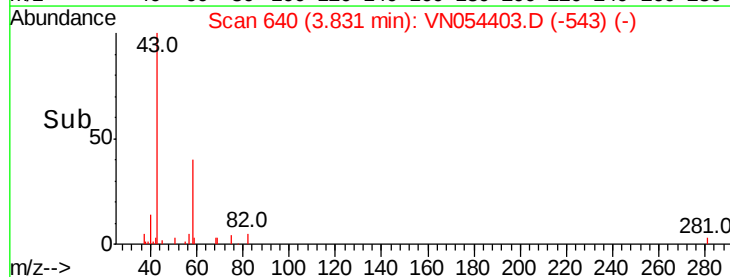
4000

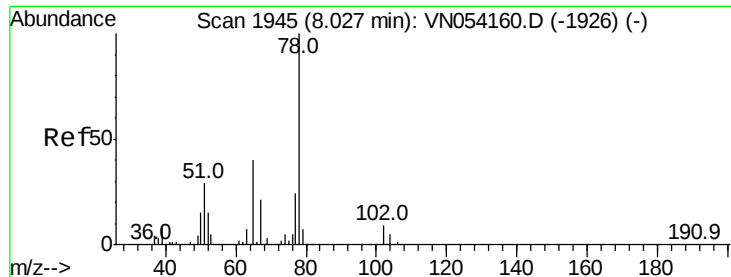
2000

0

Time-->

3.75 3.80 3.85 3.90





#33

1,2-Dichloroethane-d4

Concen: 44.917 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054403.D

Acq: 18 Mar 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

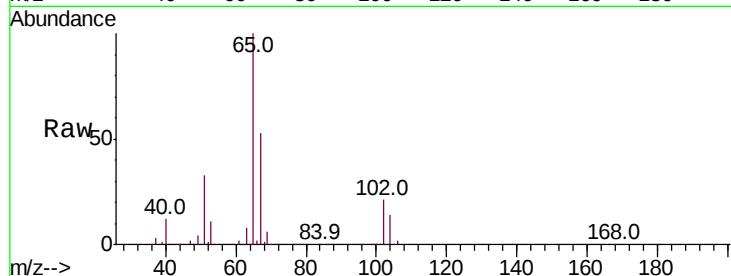
TW-8-031519

Tot Ion: 65 Resp: 867398

Ion Ratio Lower Upper

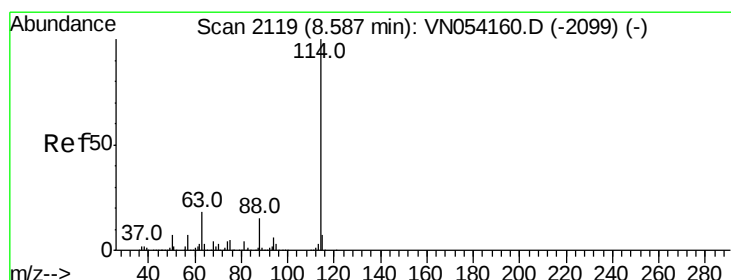
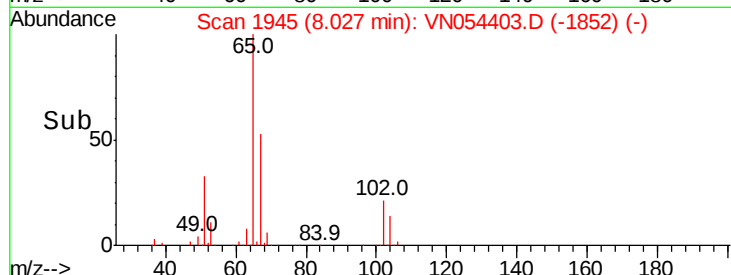
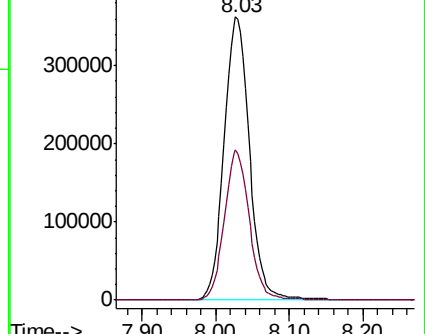
65 100

67 52.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054403.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054403.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054403.D

Acq: 18 Mar 2019 19:28

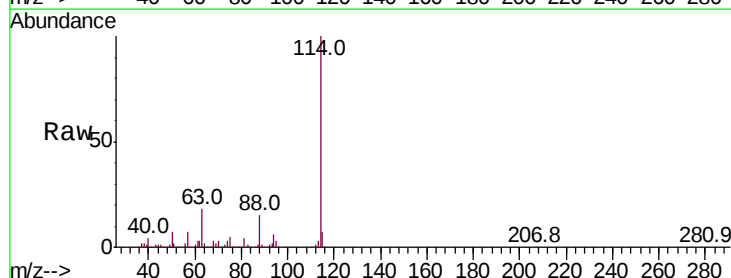
Tgt Ion: 114 Resp: 2574657

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.2

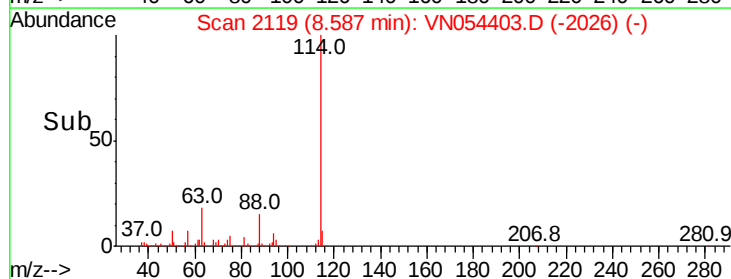
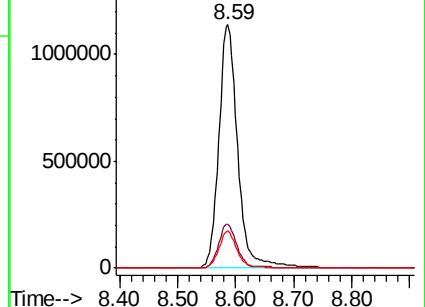
88 15.2 0.0 30.2

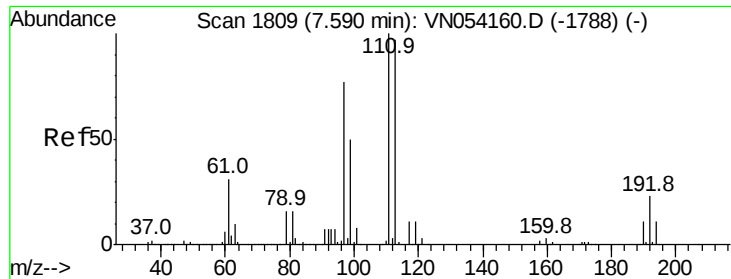


Abundance Ion 113.90 (113.60 to 114.60): VN054403.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054403.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054403.D (-2026) (-)

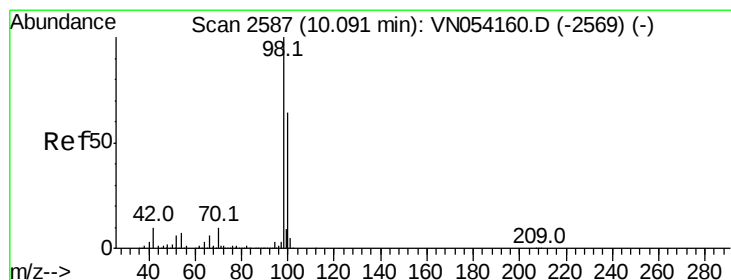
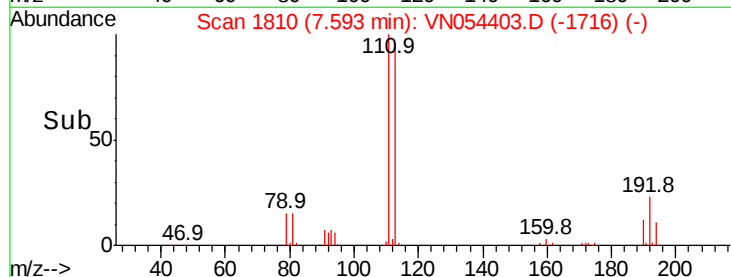
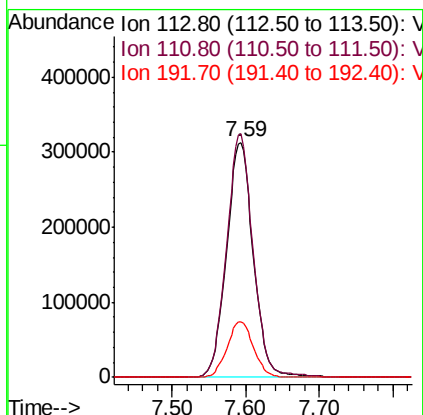
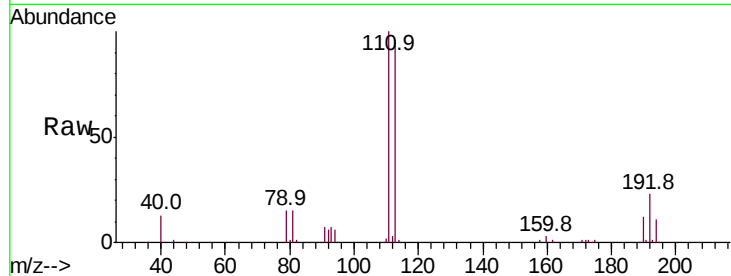




#35
Dibromofluoromethane
Concen: 47.531 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054403.D
Acq: 18 Mar 2019 19:28

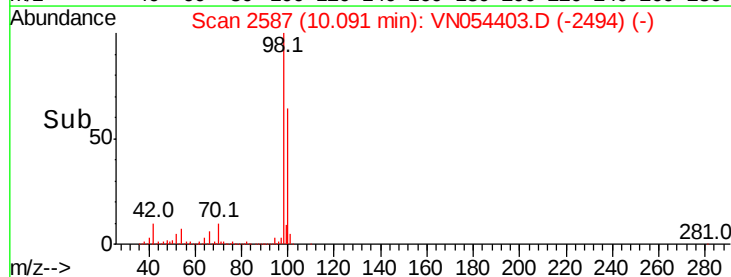
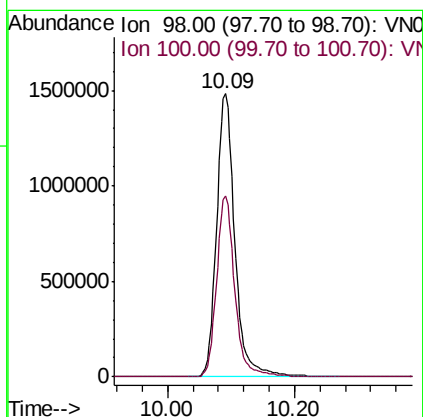
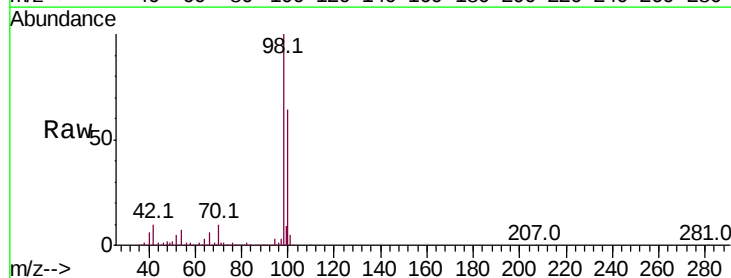
Instrument :
MSVOA_N
ClientSampleId :
TW-8-031519

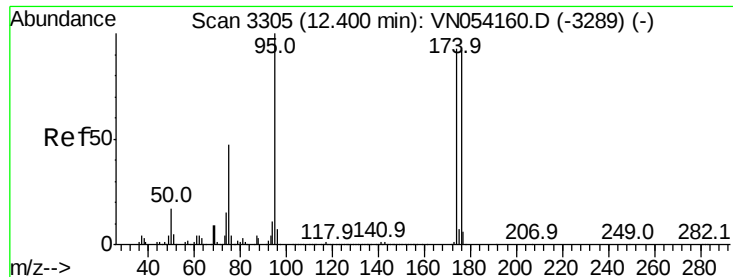
Tot Ion:113 Resp: 789274
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 23.5 19.2 28.8



#50
Toluene-d8
Concen: 48.277 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054403.D
Acq: 18 Mar 2019 19:28

Tgt Ion: 98 Resp: 2960665
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 39.934 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054403.D

Acq: 18 Mar 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

TW-8-031519

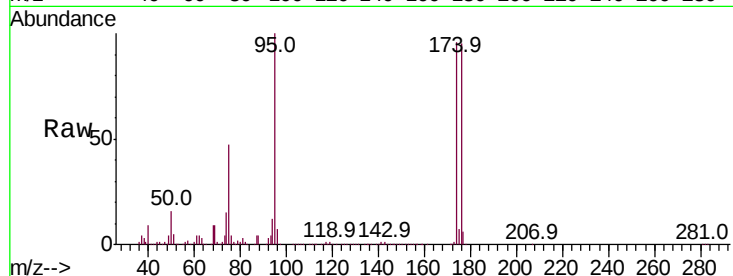
Tot Ion: 95 Resp: 856920

Ion Ratio Lower Upper

95 100

174 97.7 0.0 191.0

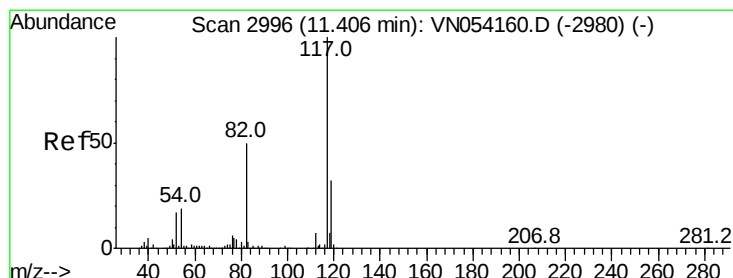
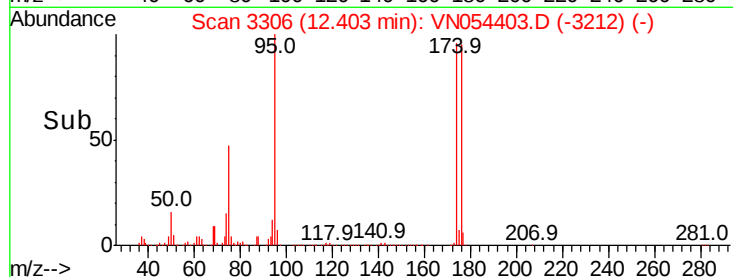
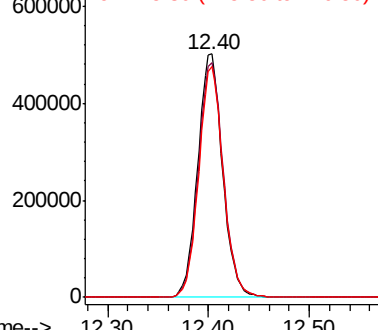
176 94.4 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054403.D

Acq: 18 Mar 2019 19:28

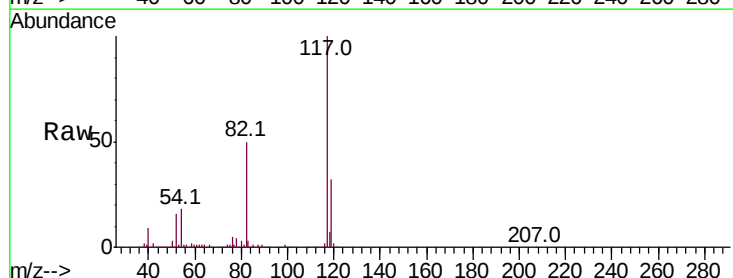
Tgt Ion: 117 Resp: 2130476

Ion Ratio Lower Upper

117 100

82 50.4 40.0 60.0

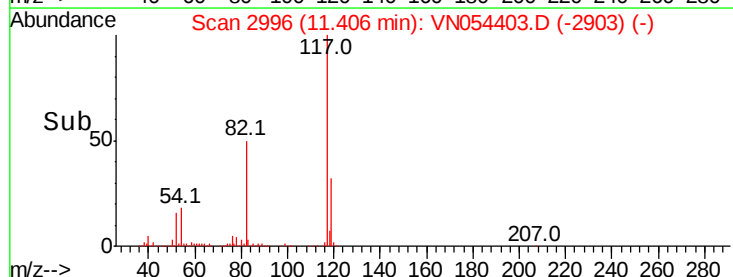
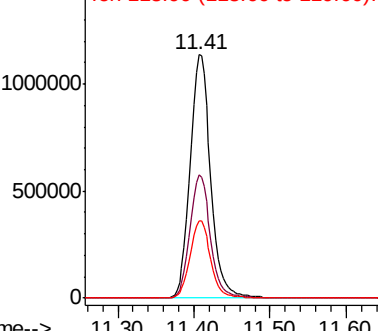
119 31.7 25.8 38.6

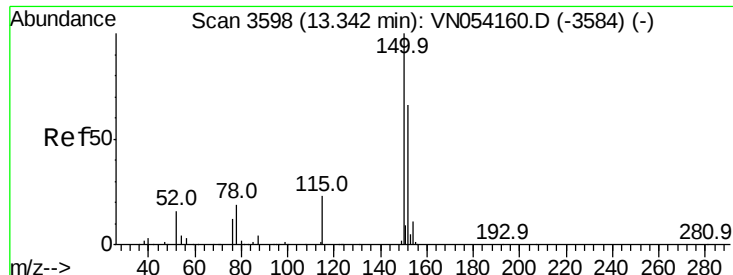


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054403.D

Acq: 18 Mar 2019 19:28

Instrument :

MSVOA_N

ClientSampleId :

TW-8-031519

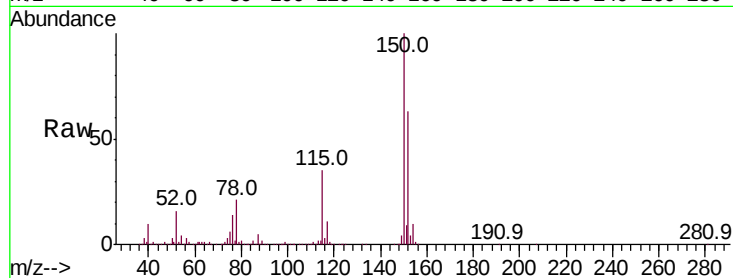
Tot Ion:152 Resp: 753209

Ion Ratio Lower Upper

152 100

115 55.1 27.2 81.6

150 158.2 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

