

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020119\
 Data File : VN053575.D
 Acq On : 1 Feb 2019 14:41
 Operator : JC/SP
 Sample : K1297-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-30-19

Quant Time: Feb 01 23:06:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	743031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1197646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1057267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	416418	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	384468	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	7.59	113	385523	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	10.09	98	1426697	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.40	95	450957	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	

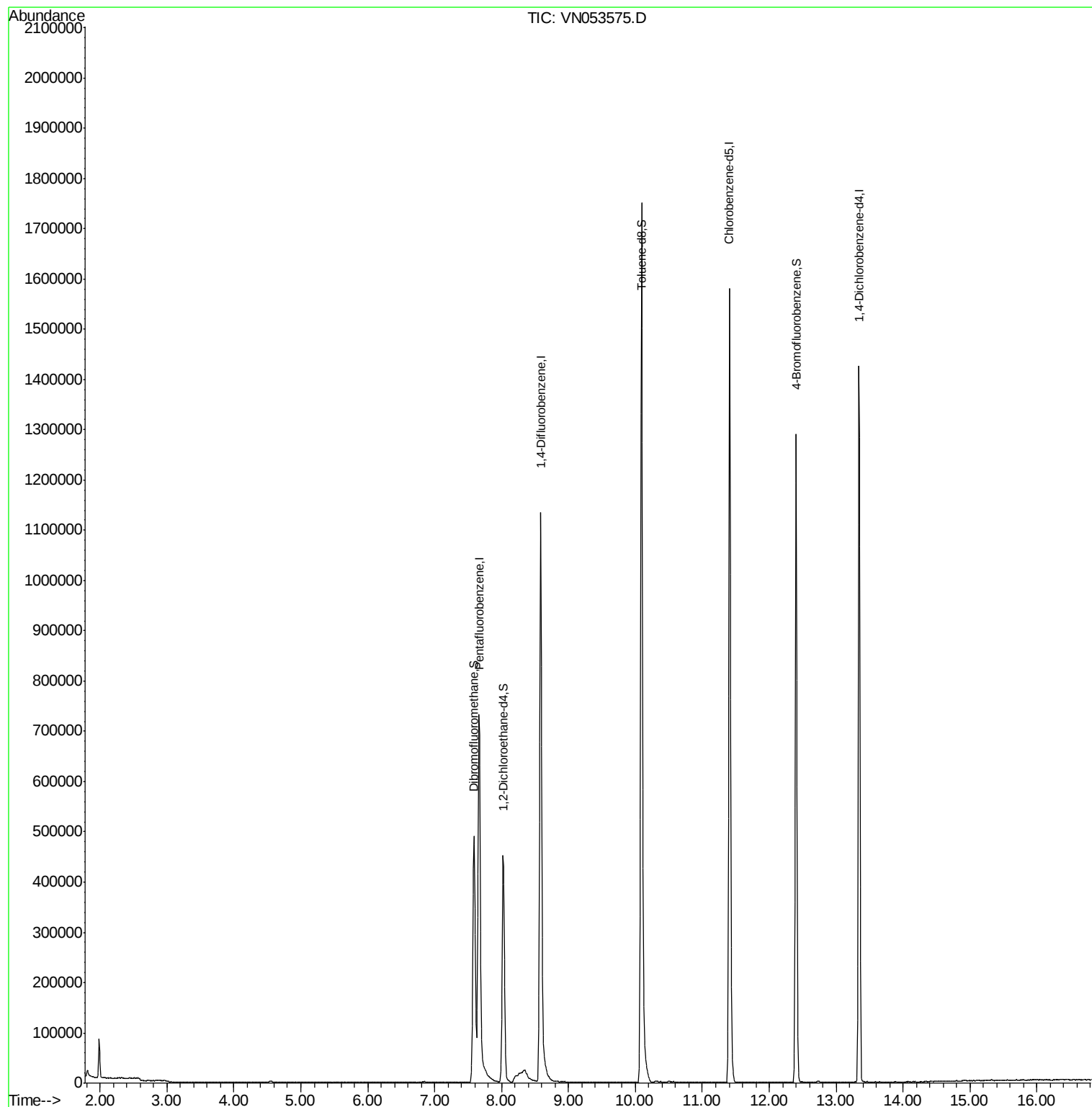
Target Compounds	Qvalue

(#) = 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: VN053575.D

Acq: 1 Feb 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

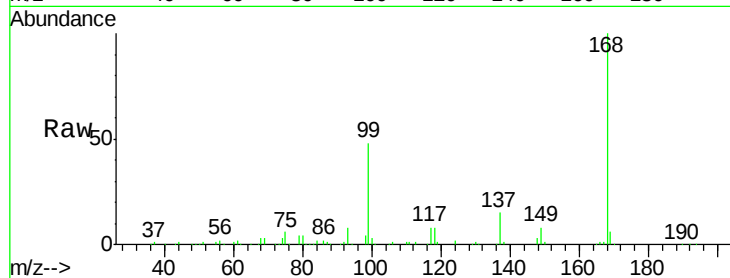
TB-01-30-19

Tgt Ion:168 Resp: 743031

Ion Ratio Lower Upper

168 100

99 48.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

250000

200000

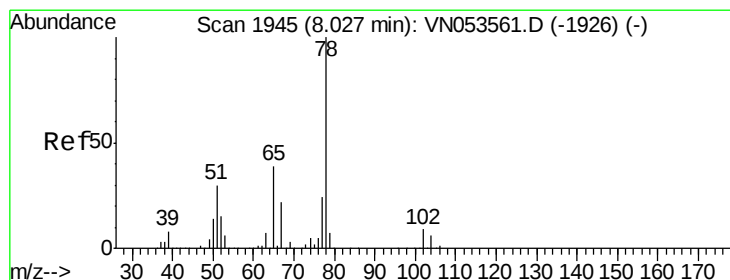
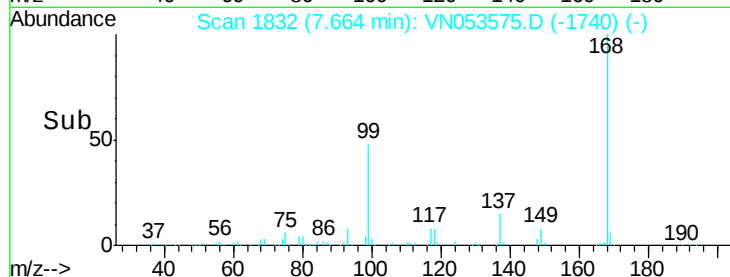
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.579 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053575.D

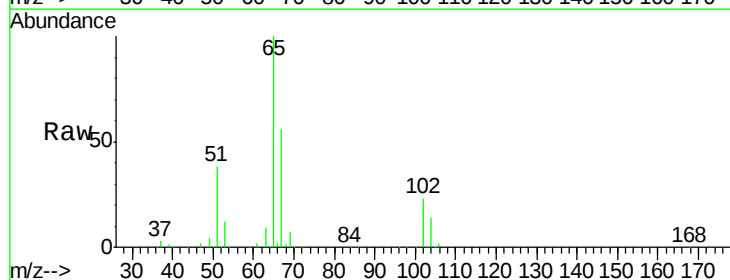
Acq: 1 Feb 2019 14:41

Tgt Ion: 65 Resp: 384468

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

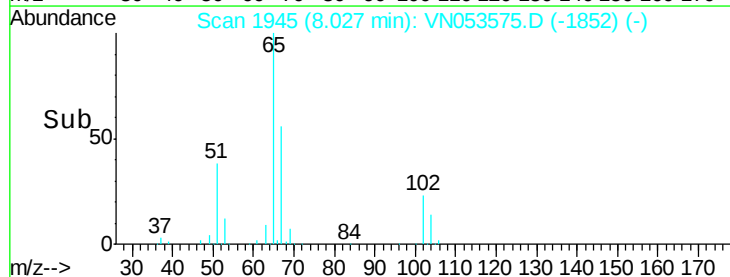
150000

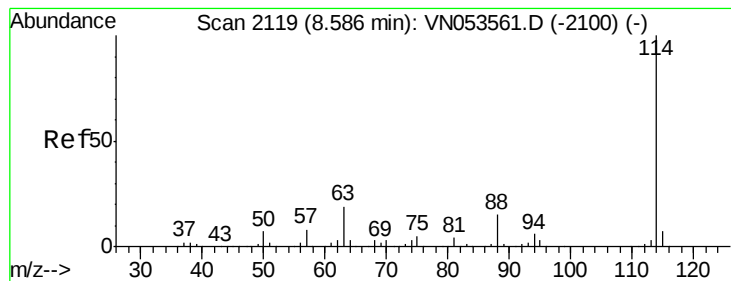
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053575.D

Acq: 1 Feb 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

TB-01-30-19

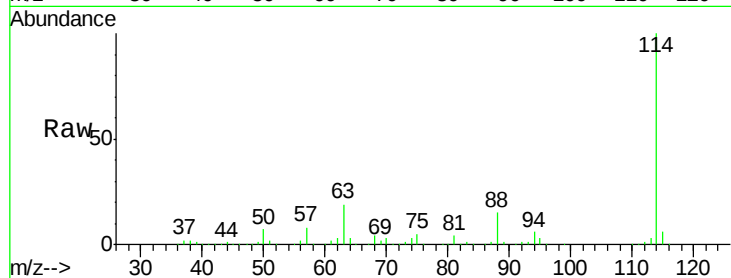
Tgt Ion:114 Resp: 1197646

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

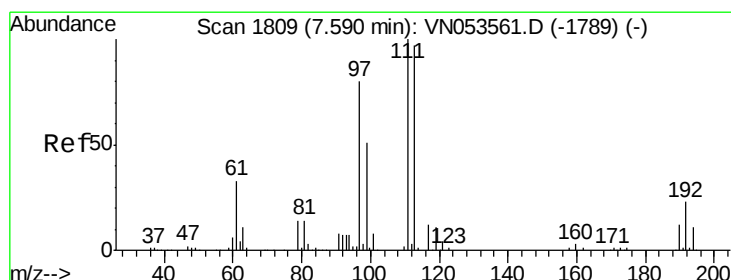
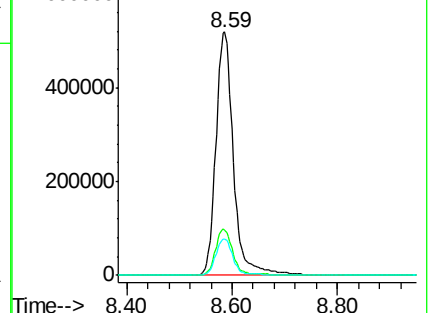
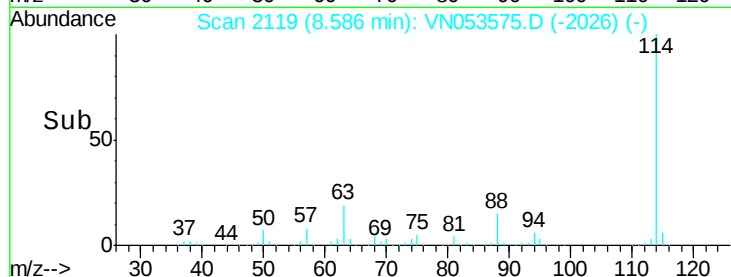
88 15.0 0.0 30.4



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: 50.944 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053575.D

Acq: 1 Feb 2019 14:41

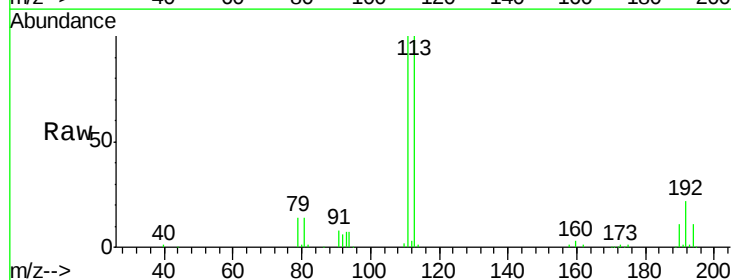
Tgt Ion:113 Resp: 385523

Ion Ratio Lower Upper

113 100

111 100.9 81.1 121.7

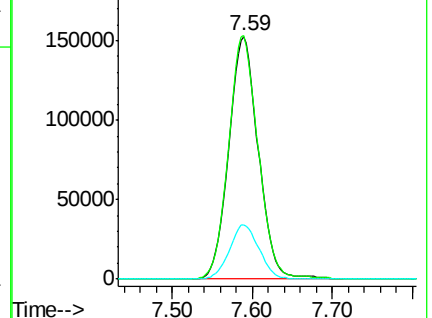
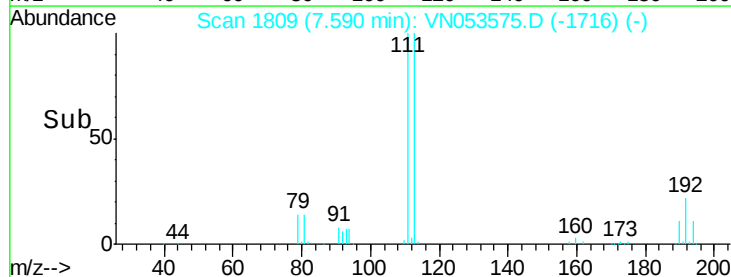
192 22.6 18.2 27.2

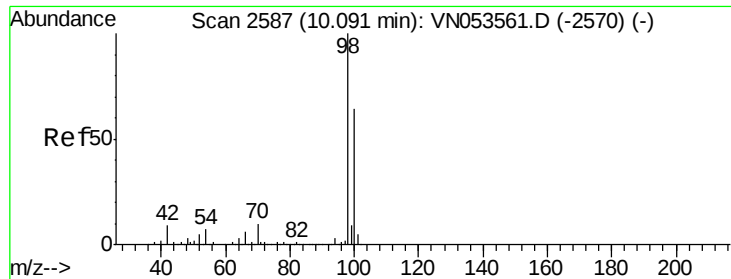


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

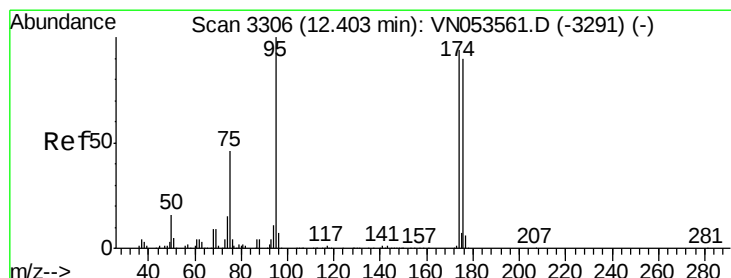
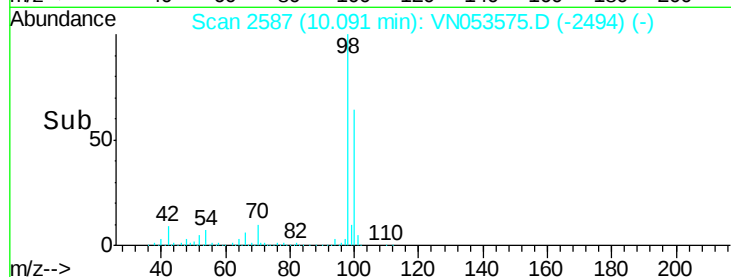
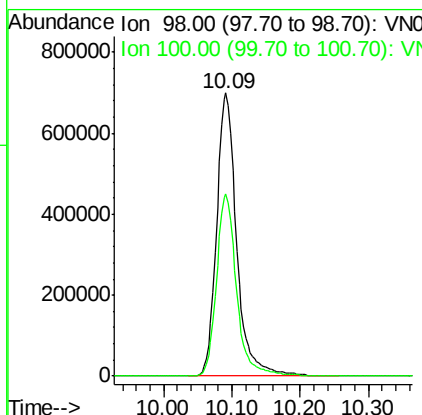
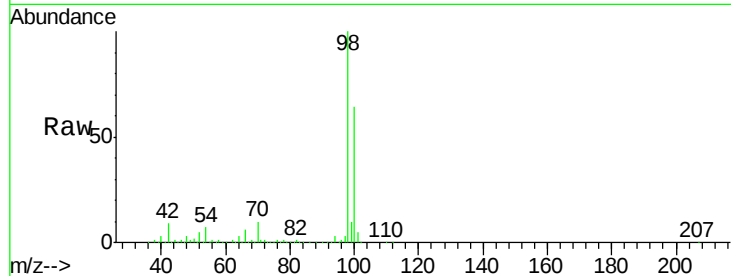




#50
Toluene-d8
Concen: 50.210 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053575.D
Acq: 1 Feb 2019 14:41

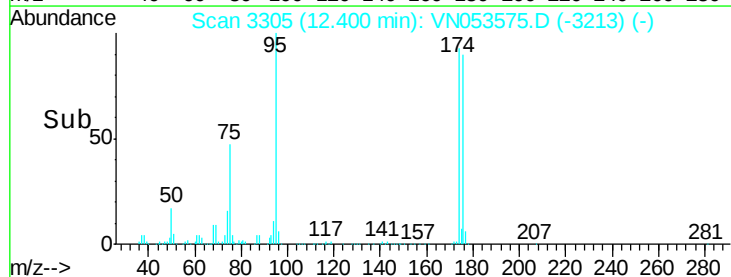
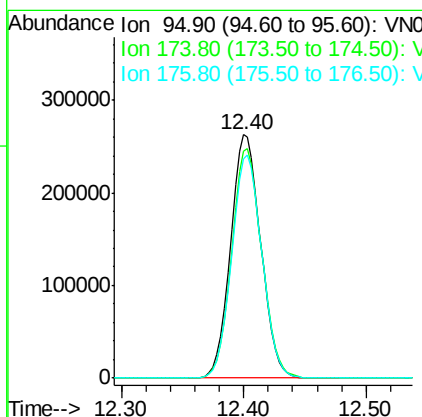
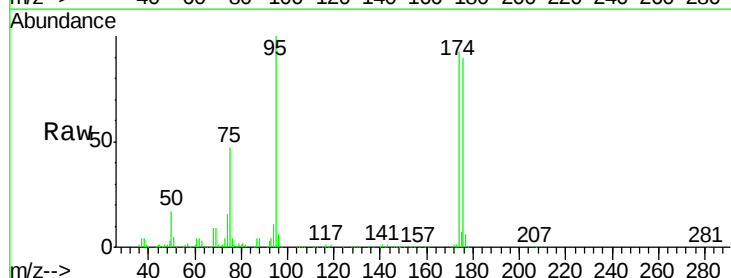
Instrument :
MSVOA_N
ClientSampled :
TB-01-30-19

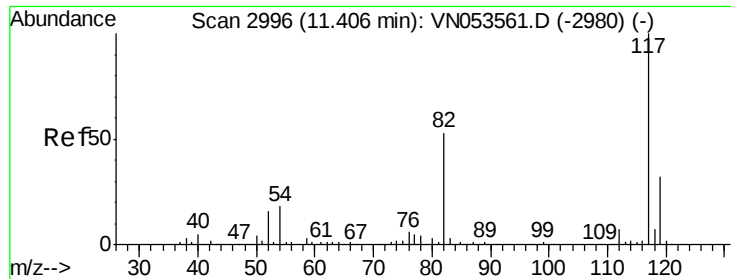
Tgt Ion: 98 Resp: 1426697
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.585 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053575.D
Acq: 1 Feb 2019 14:41

Tgt Ion: 95 Resp: 450957
Ion Ratio Lower Upper
95 100
174 93.8 0.0 183.2
176 91.6 0.0 177.4

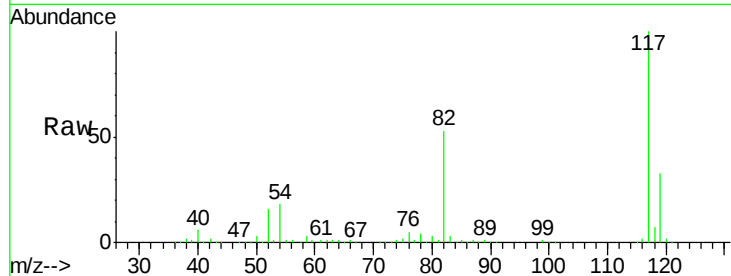




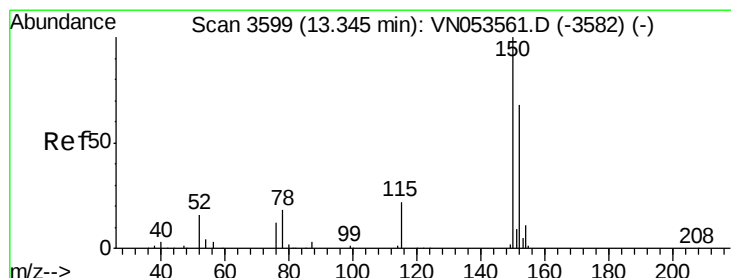
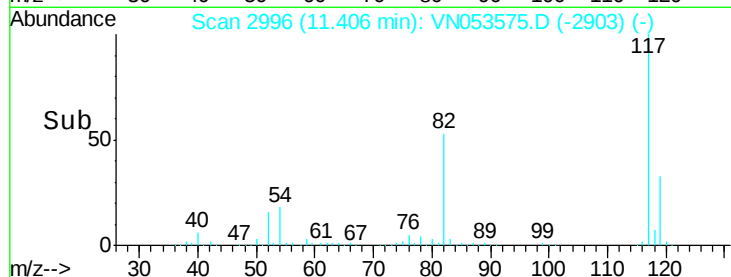
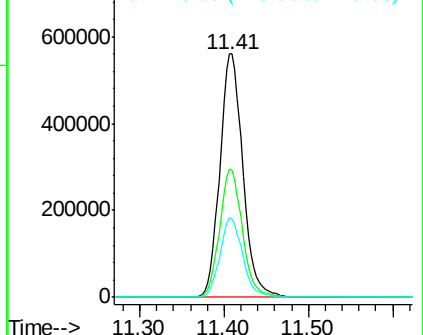
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053575.D
Acq: 1 Feb 2019 14:41

Instrument :
MSVOA_N
ClientSampled :
TB-01-30-19

Tgt Ion:117 Resp: 1057267
Ion Ratio Lower Upper
117 100
82 52.8 42.9 64.3
119 32.6 26.0 39.0

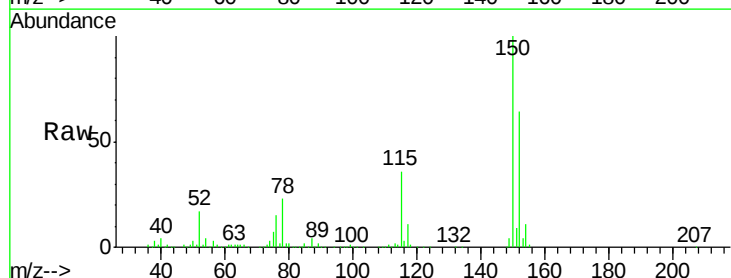


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053575.D
Acq: 1 Feb 2019 14:41

Tgt Ion:152 Resp: 416418
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.4
150 156.0 0.0 349.0



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

