

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060719\
 Data File : VN056046.D
 Acq On : 6 Jun 2019 15:20
 Operator : JC/SP
 Sample : K3195-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-0529-190603

Quant Time: Jun 07 05:52:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

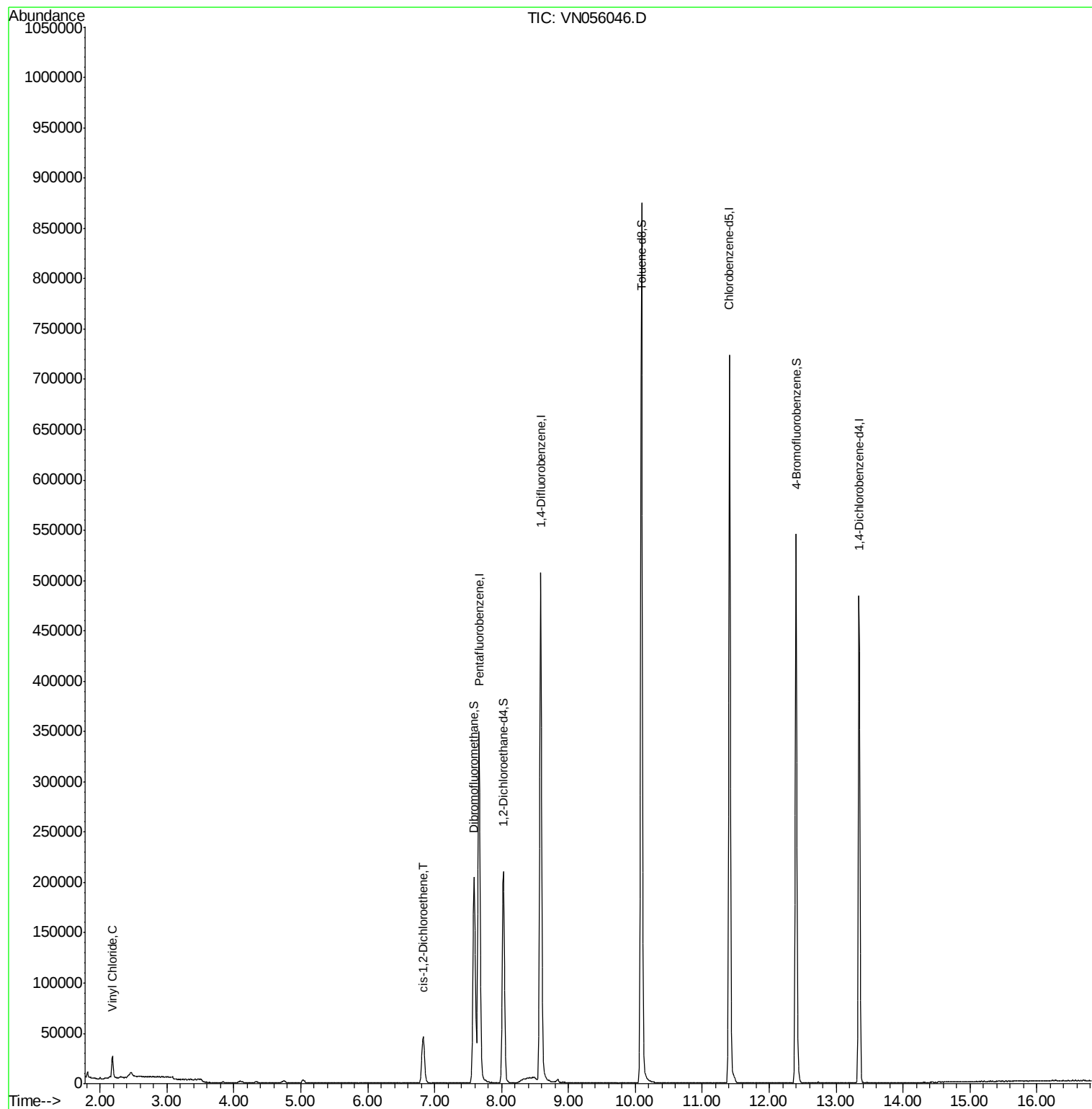
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	333138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	503046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	468054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	177707	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
35) Dibromofluoromethane	7.59	113	155756	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
50) Toluene-d8	10.09	98	647236	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
62) 4-Bromofluorobenzene	12.40	95	198855	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
Target Compounds						
4) Vinyl Chloride	2.19	62	21113	5.828	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	32536	9.237	ug/l	91

(#) = 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: VN056046.D

Acq: 6 Jun 2019 15:20

Instrument :

MSVOA_N

ClientSampleId :

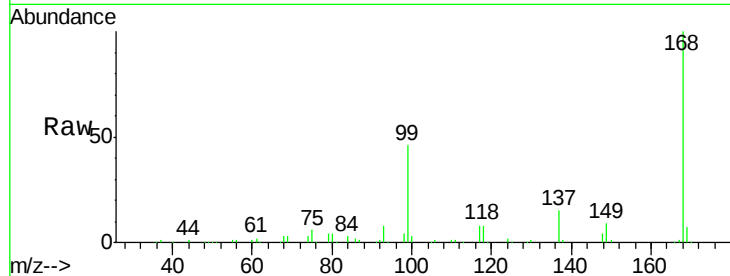
DUP-0529-190603

Tot Ion:168 Resp: 333138

Ion Ratio Lower Upper

168 100

99 46.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

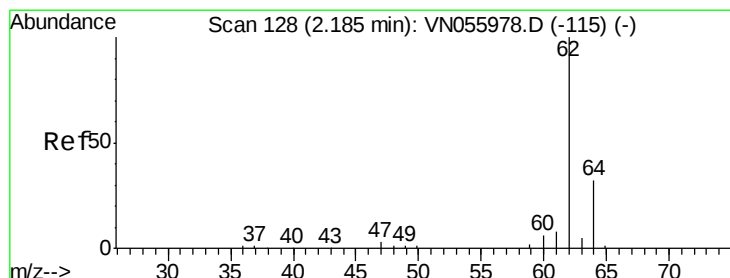
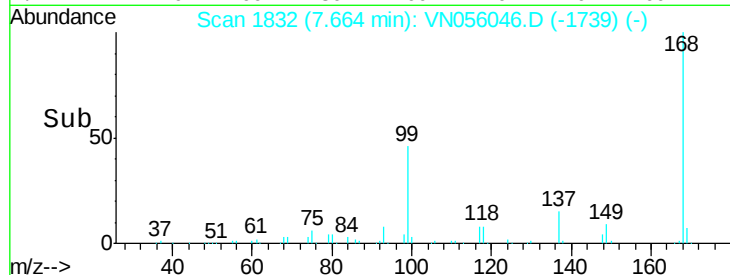
100000

50000

0

Time-->

7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 5.828 ug/l

RT: 2.19 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056046.D

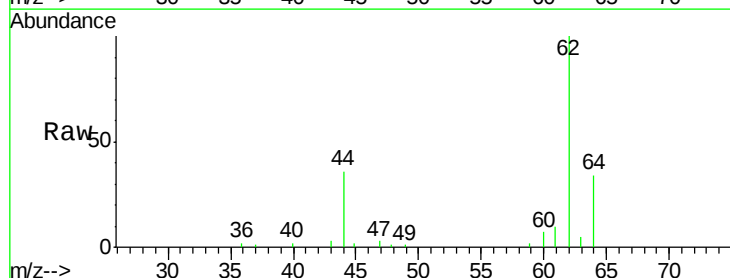
Acq: 6 Jun 2019 15:20

Tgt Ion: 62 Resp: 21113

Ion Ratio Lower Upper

62 100

64 33.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

15000

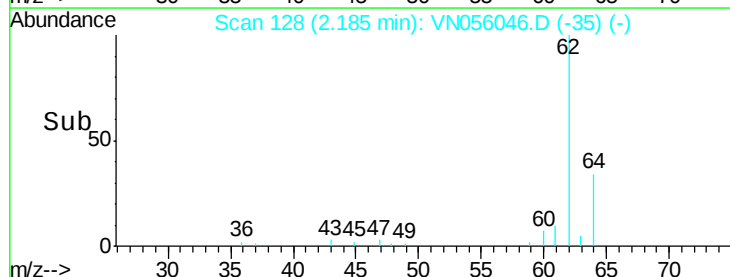
10000

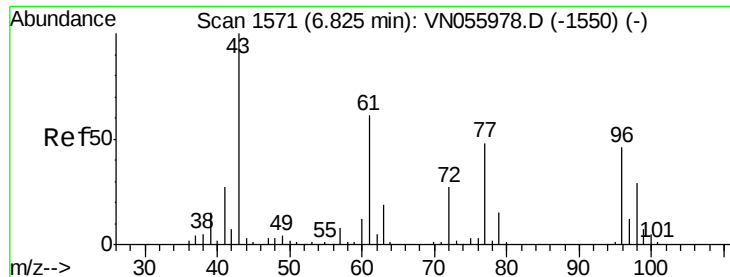
5000

0

Time-->

2.10 2.15 2.20 2.25





#27

cis-1,2-Dichloroethene

Concen: 9.237 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056046.D

Acq: 6 Jun 2019 15:20

Instrument :

MSVOA_N

ClientSampleId :

DUP-0529-190603

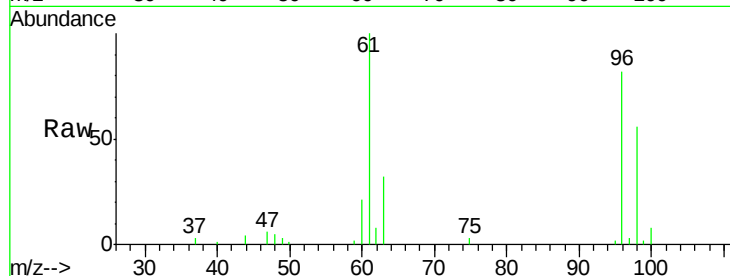
Tot Ion: 96 Resp: 32536

Ion Ratio Lower Upper

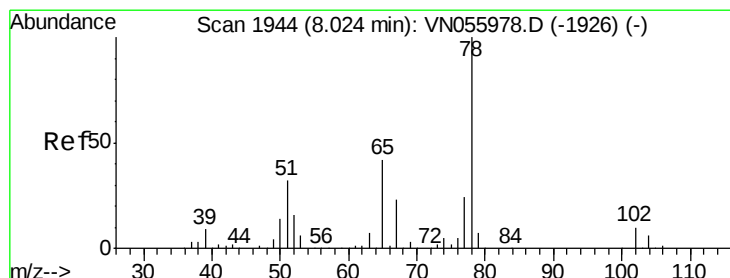
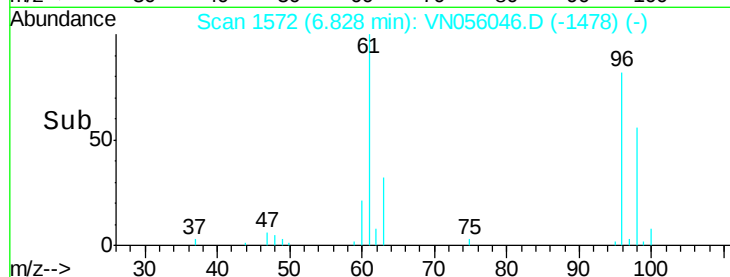
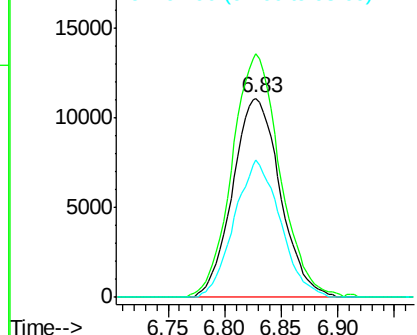
96 100

61 122.7 0.0 275.8

98 66.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.724 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056046.D

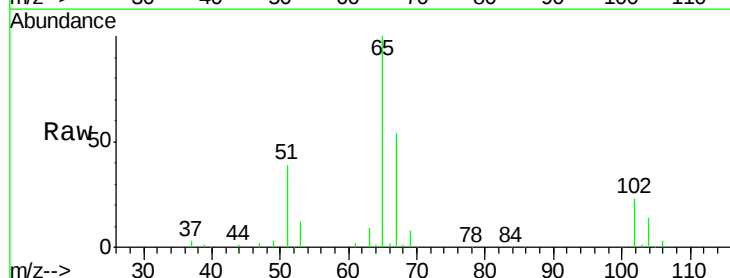
Acq: 6 Jun 2019 15:20

Tgt Ion: 65 Resp: 177707

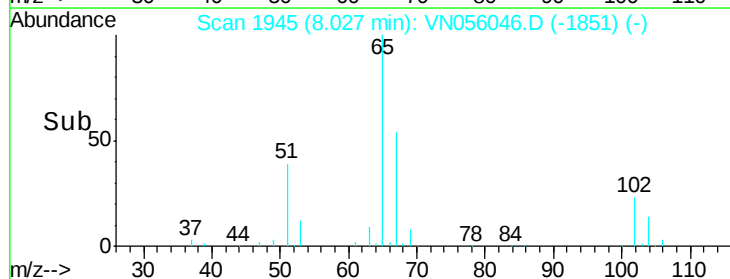
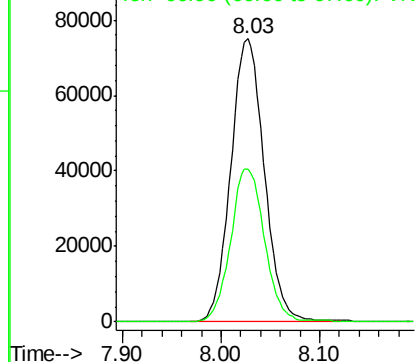
Ion Ratio Lower Upper

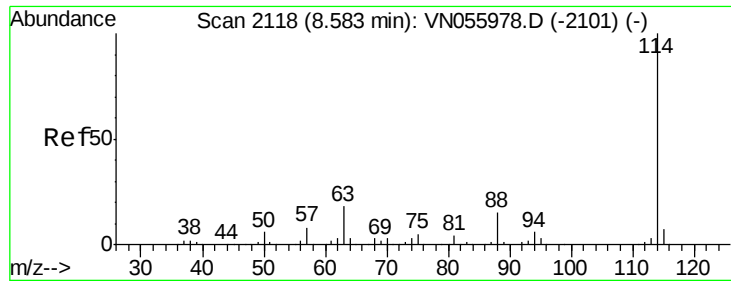
65 100

67 54.7 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

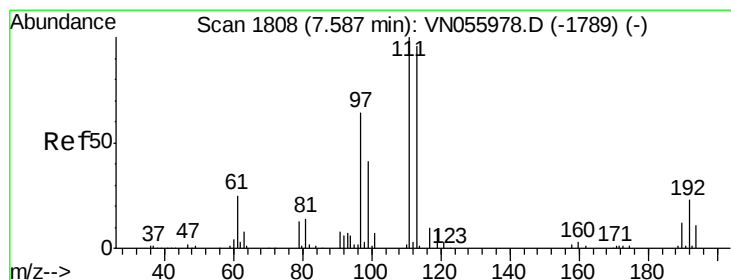
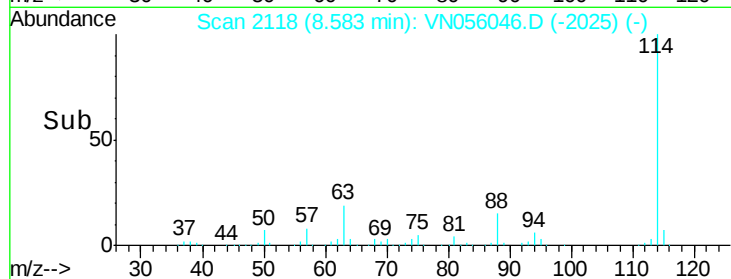
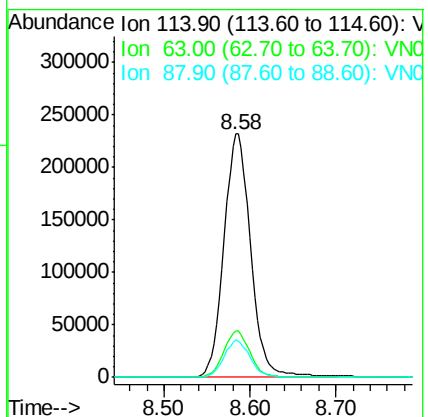
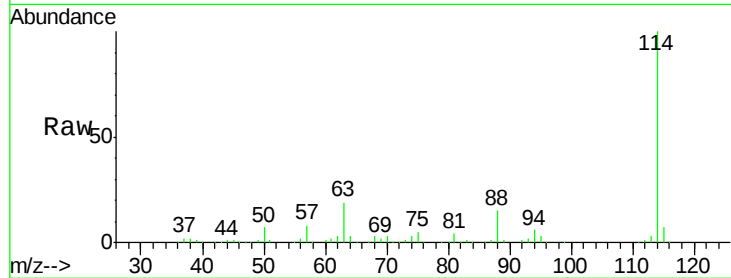




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056046.D
Acq: 6 Jun 2019 15:20

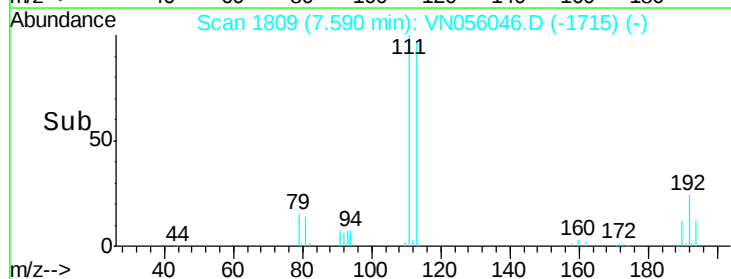
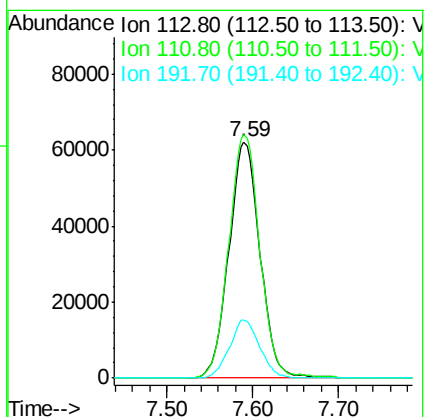
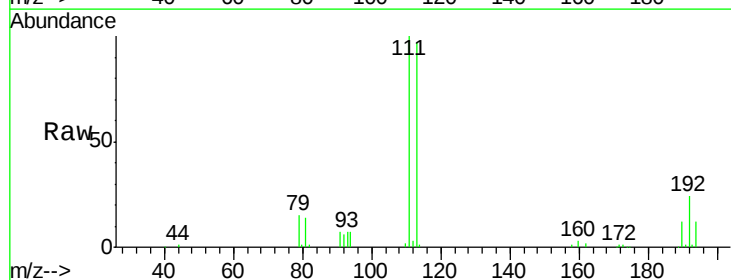
Instrument :
MSVOA_N
ClientSampleId :
DUP-0529-190603

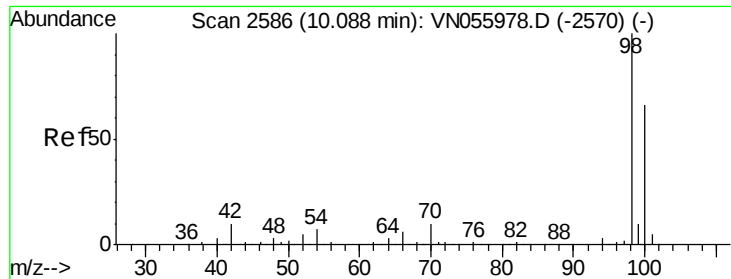
Tot Ion:114 Resp: 503046
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.2
88 15.2 0.0 31.0



#35
Dibromofluoromethane
Concen: 50.466 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056046.D
Acq: 6 Jun 2019 15:20

Tgt Ion:113 Resp: 155756
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 23.9 19.5 29.3





#50

Toluene-d8

Concen: 54.498 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056046.D

Acq: 6 Jun 2019 15:20

Instrument :

MSVOA_N

ClientSampleId :

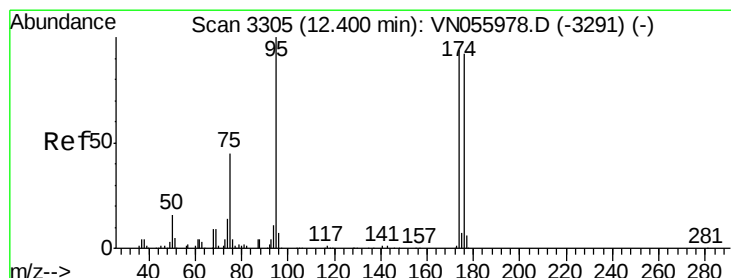
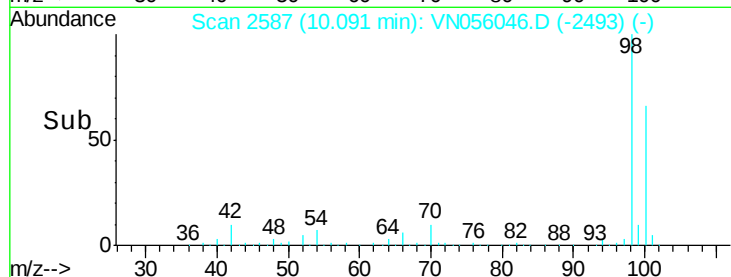
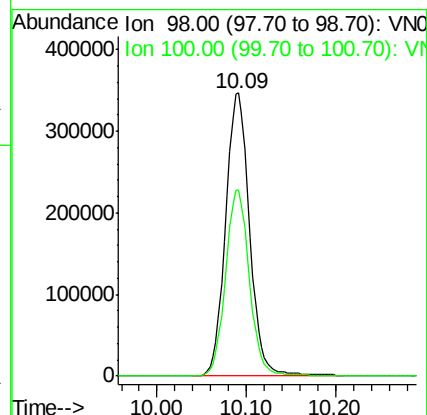
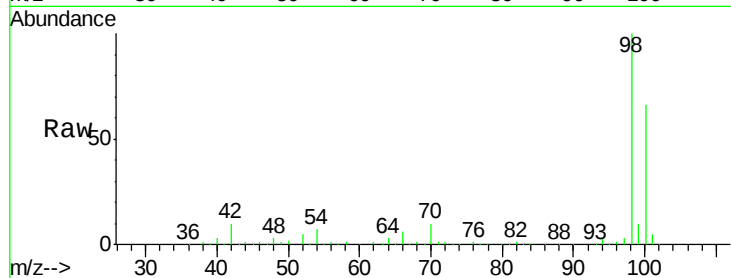
DUP-0529-190603

Tot Ion: 98 Resp: 647236

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 49.236 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056046.D

Acq: 6 Jun 2019 15:20

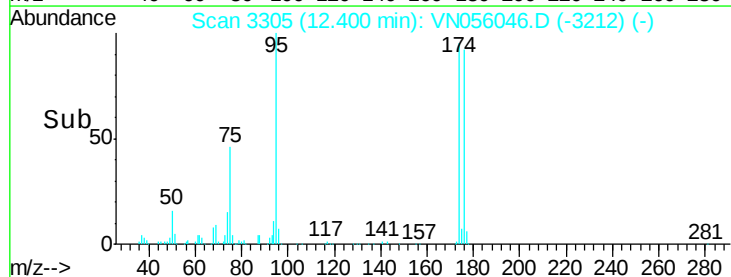
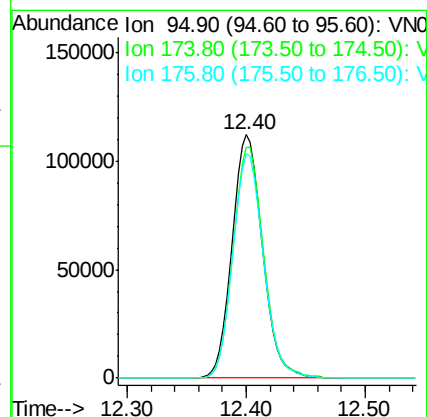
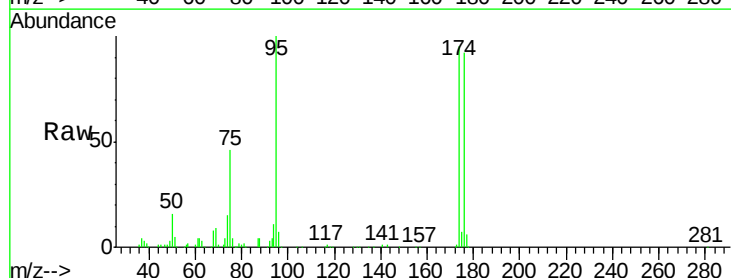
Tgt Ion: 95 Resp: 198855

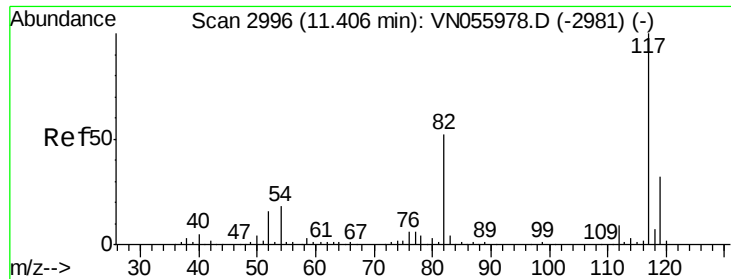
Ion Ratio Lower Upper

95 100

174 96.0 0.0 191.0

176 92.5 0.0 185.2

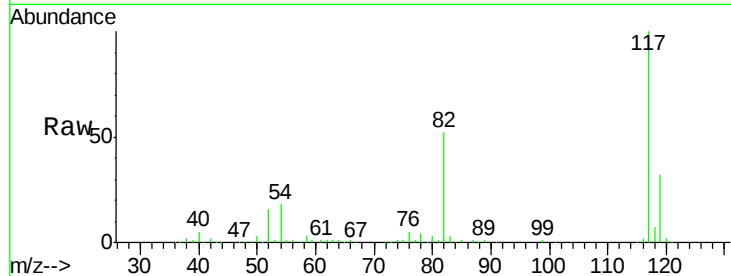




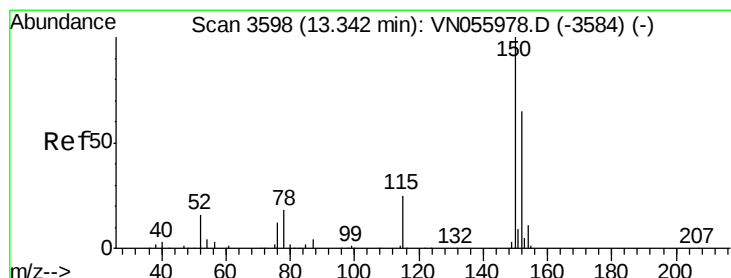
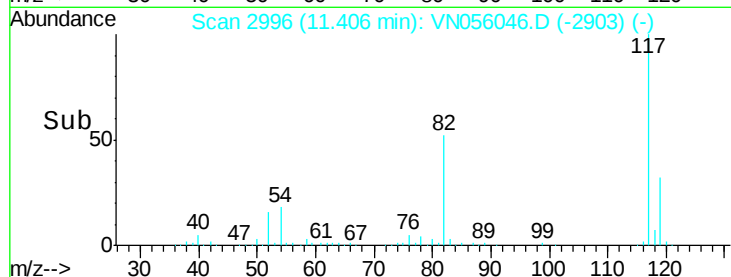
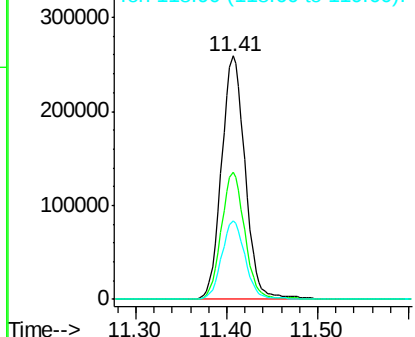
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056046.D
Acq: 6 Jun 2019 15:20

Instrument :
MSVOA_N
ClientSampleId :
DUP-0529-190603

Tot Ion:117 Resp: 468054
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 32.4 25.4 38.0

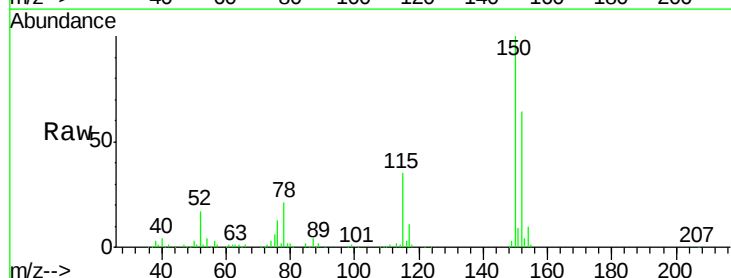


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056046.D
Acq: 6 Jun 2019 15:20

Tgt Ion:152 Resp: 145679
Ion Ratio Lower Upper
152 100
115 53.2 27.0 81.0
150 157.0 0.0 343.2



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

