

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058279.D
 Acq On : 23 Sep 2019 10:23
 Operator : JC/SP
 Sample : K4975-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB02-20190918

Quant Time: Sep 24 02:09:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

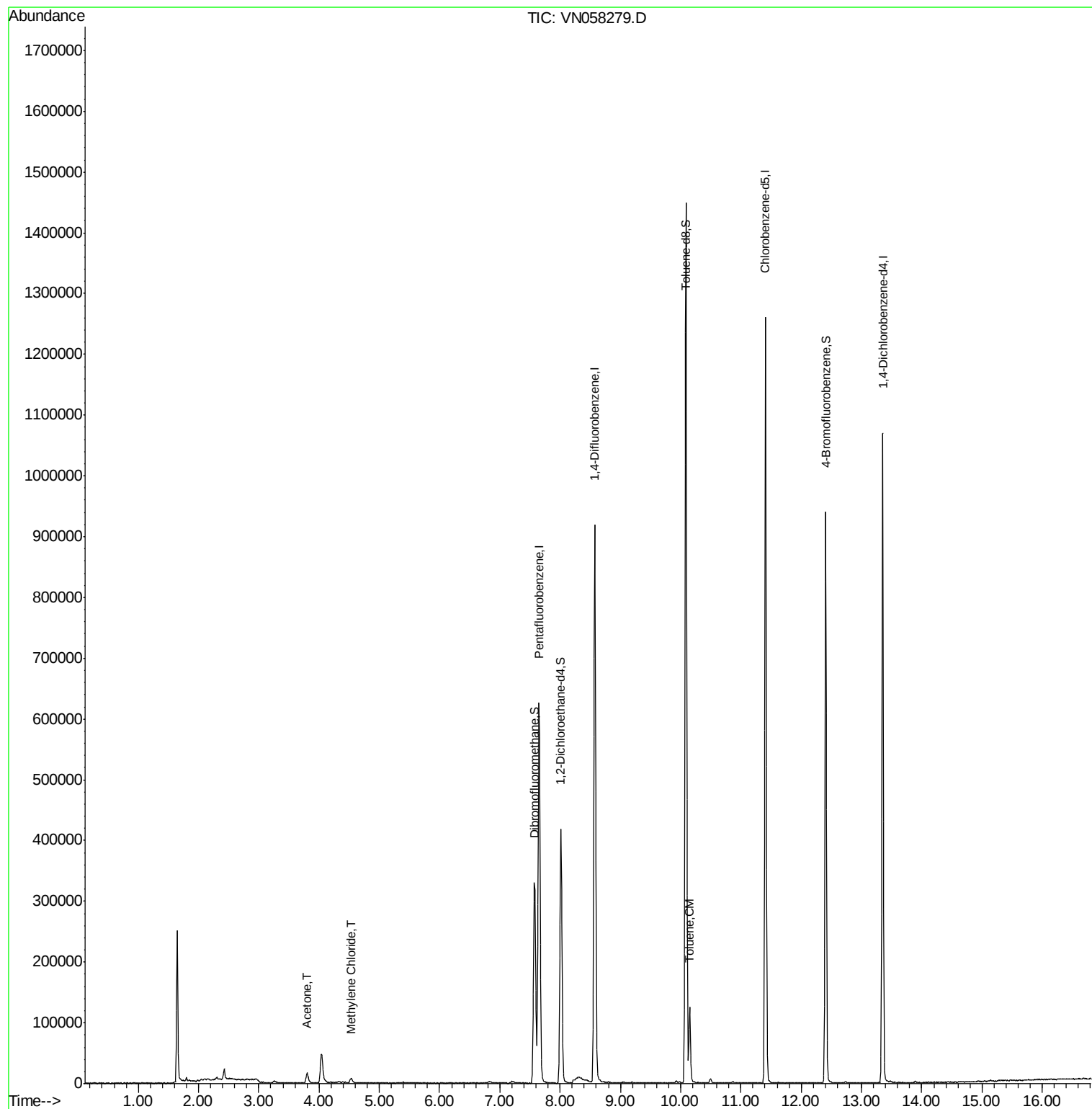
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	483353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	791786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	675816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	266837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	359416	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
35) Dibromofluoromethane	7.57	113	248928	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
50) Toluene-d8	10.09	98	989577	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.41	95	314149	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	
Target Compounds						
16) Acetone	3.80	43	28131	12.310	ug/l	95
20) Methylene Chloride	4.54	84	6126	1.315	ug/l #	89
52) Toluene	10.15	92	51115	4.677	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092319\
Data File : VN058279.D
Acq On : 23 Sep 2019 10:23
Operator : JC/SP
Sample : K4975-19
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB02-20190918

Quant Time: Sep 24 02:09:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 2344

Delta R.T. 0.00 min

Lab File: VN058279.D

Acq: 23 Sep 2019 10:23

Instrument :

MSVOA_N

ClientSampleId :

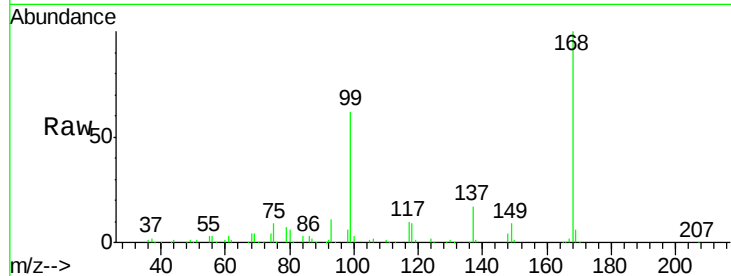
FB02-20190918

Tot Ion:168 Resp: 483353

Ion Ratio Lower Upper

168 100

99 61.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

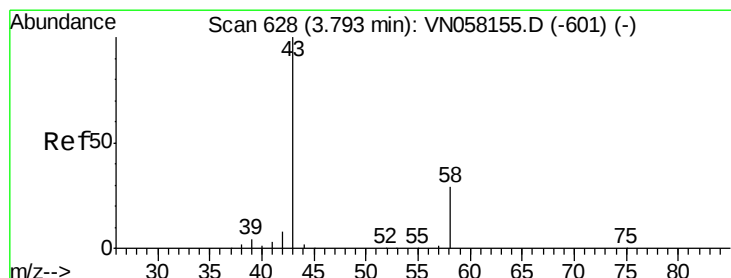
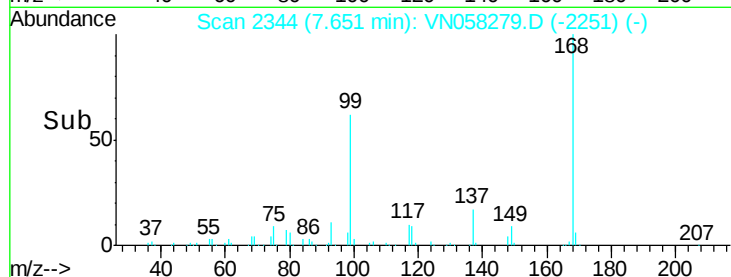
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 12.310 ug/l

RT: 3.80 min Scan# 1146

Delta R.T. 0.01 min

Lab File: VN058279.D

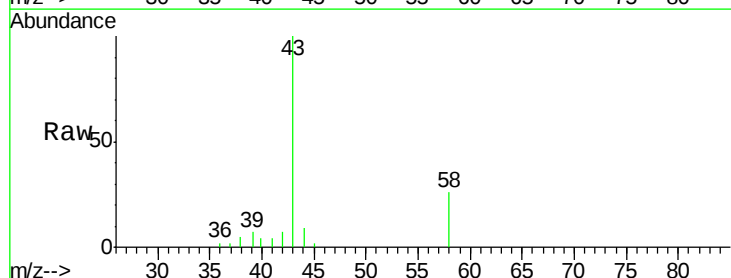
Acq: 23 Sep 2019 10:23

Tgt Ion: 43 Resp: 28131

Ion Ratio Lower Upper

43 100

58 26.5 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

12000

10000

8000

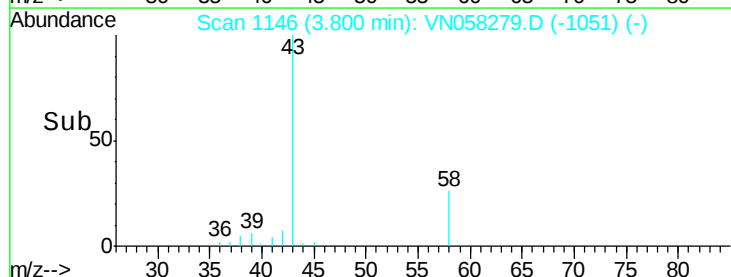
6000

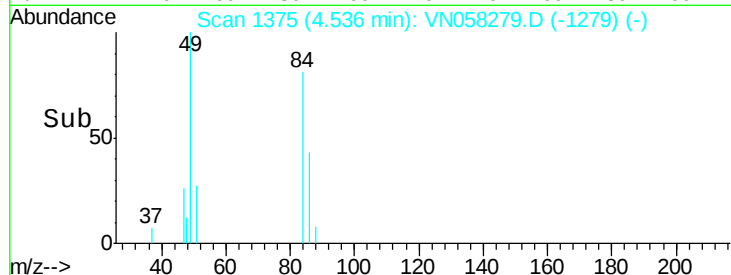
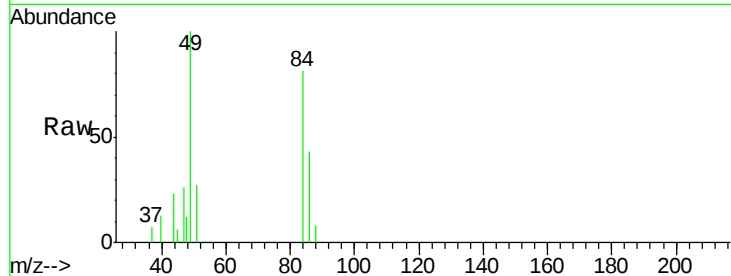
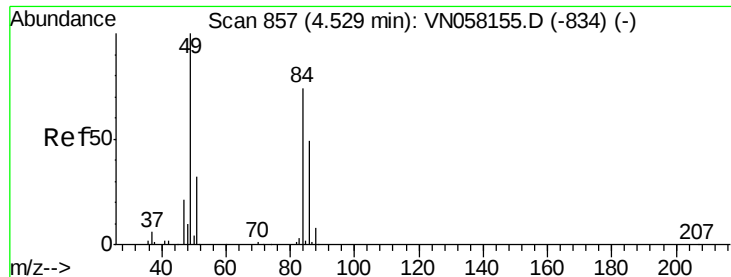
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90

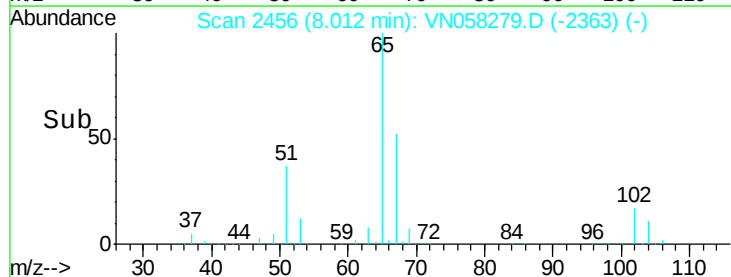
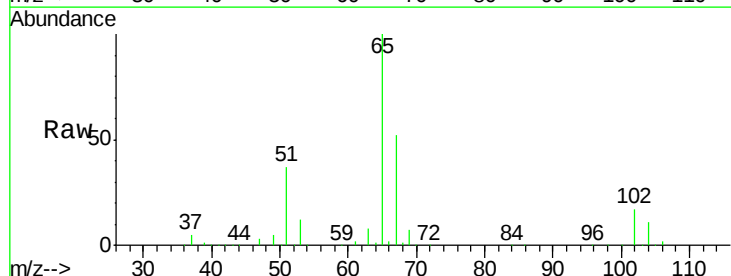
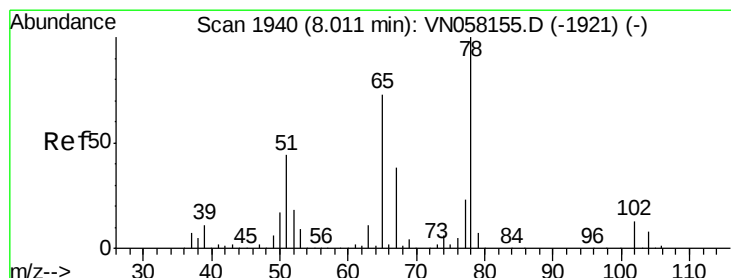
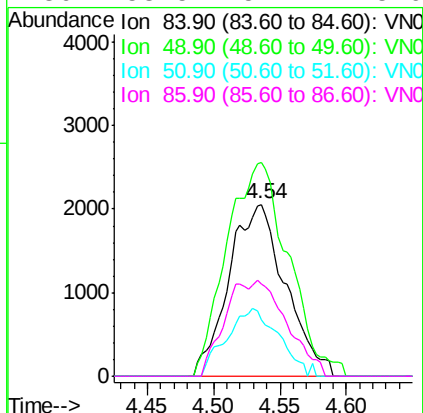




#20
Methvlene Chloride
Concen: 1.315 ug/l
RT: 4.54 min Scan# 1375
Delta R.T. 0.01 min
Lab File: VN058279.D
Acq: 23 Sep 2019 10:23

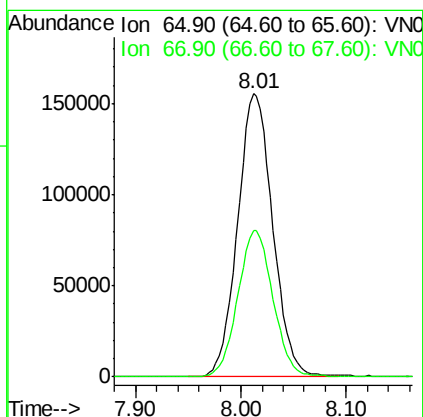
Instrument :
MSVOA_N
ClientSampleId :
FB02-20190918

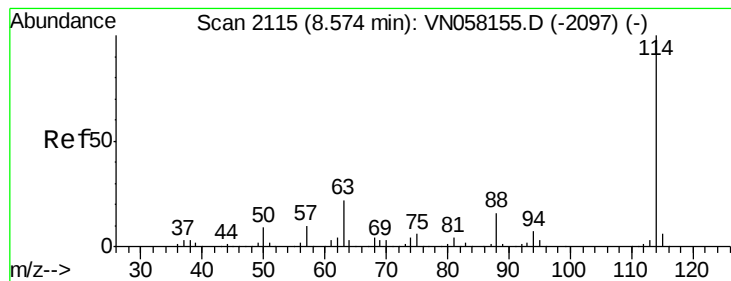
Tot Ion: 84 Resp: 6126
Ion Ratio Lower Upper
84 100
49 124.1 107.5 161.3
51 33.0 33.9 50.9#
86 53.5 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 53.388 ug/l
RT: 8.01 min Scan# 2456
Delta R.T. 0.00 min
Lab File: VN058279.D
Acq: 23 Sep 2019 10:23

Tgt Ion: 65 Resp: 359416
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2631

Delta R.T. 0.00 min

Lab File: VN058279.D

Acq: 23 Sep 2019 10:23

Instrument :

MSVOA_N

ClientSampleId :

FB02-20190918

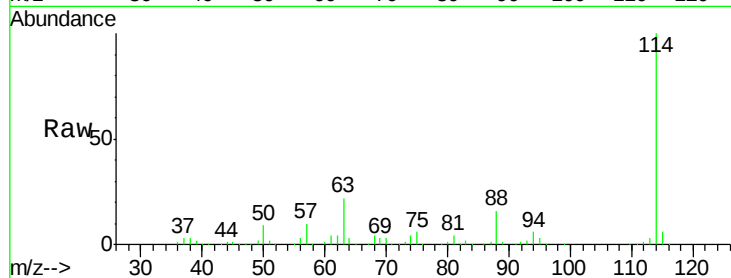
Tot Ion:114 Resp: 791786

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.2

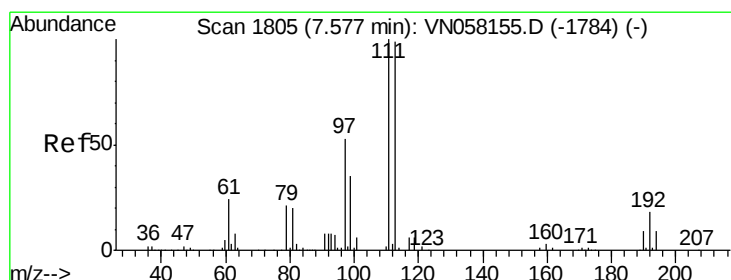
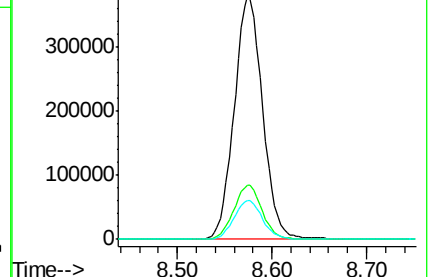
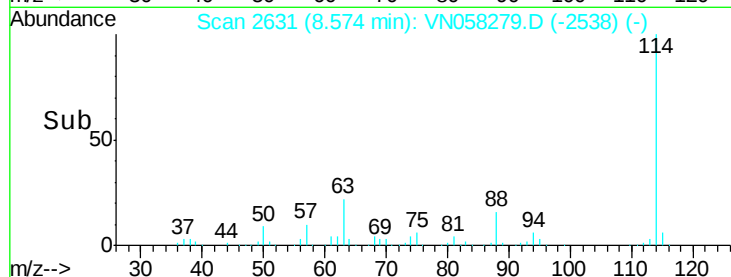
88 16.2 0.0 31.6



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: 51.716 ug/l

RT: 7.57 min Scan# 2320

Delta R.T. -0.00 min

Lab File: VN058279.D

Acq: 23 Sep 2019 10:23

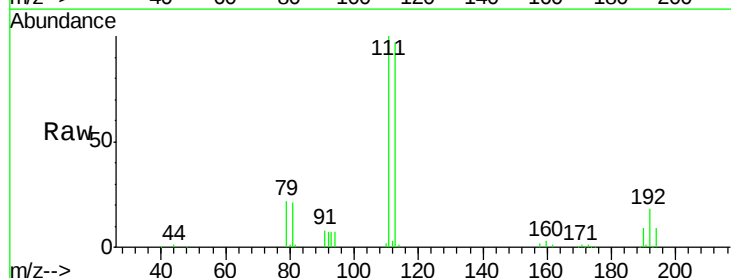
Tgt Ion:113 Resp: 248928

Ion Ratio Lower Upper

113 100

111 102.1 81.8 122.6

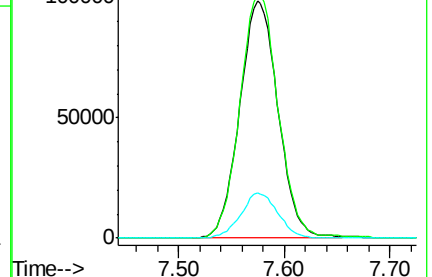
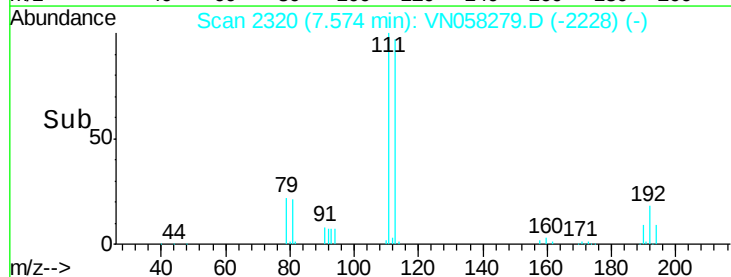
192 18.4 14.5 21.7

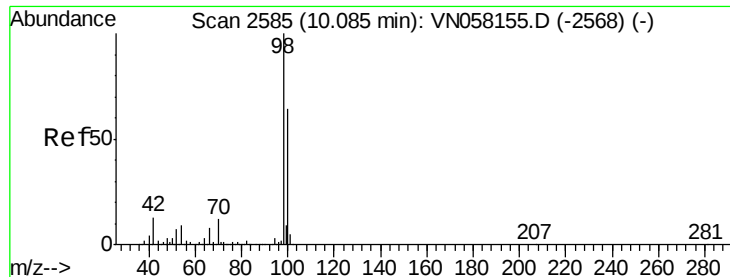


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

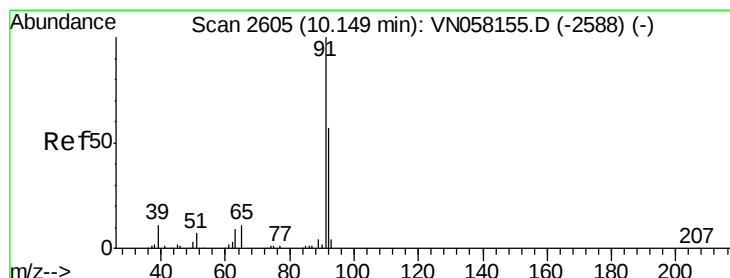
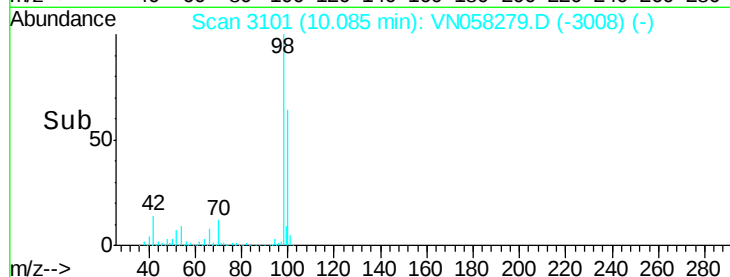
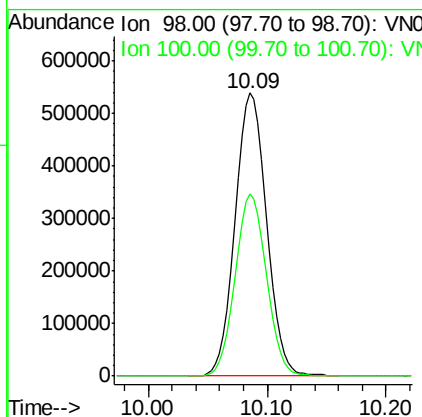
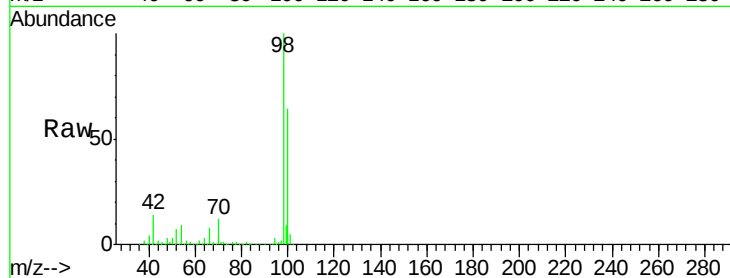




#50
Toluene-d8
Concen: 52.766 ug/l
RT: 10.09 min Scan# 3101
Delta R.T. 0.00 min
Lab File: VN058279.D
Acq: 23 Sep 2019 10:23

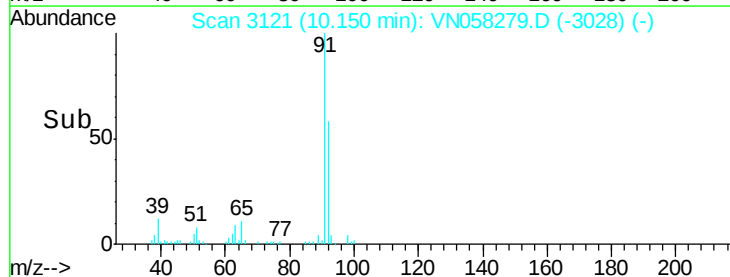
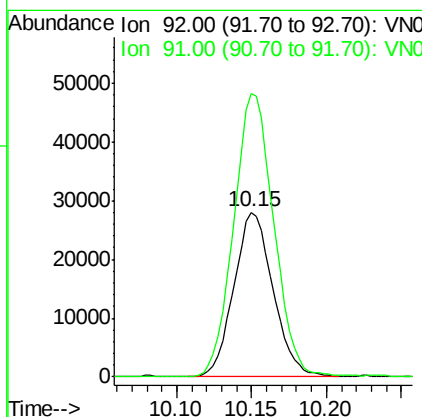
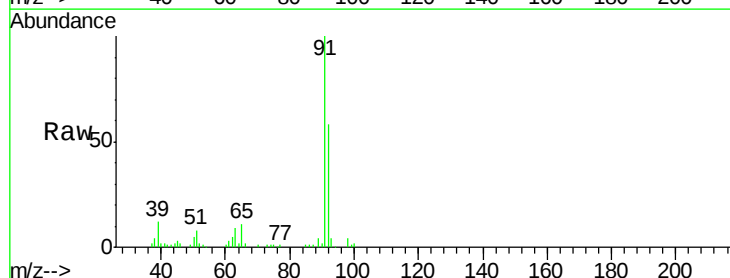
Instrument :
MSVOA_N
ClientSampleId :
FB02-20190918

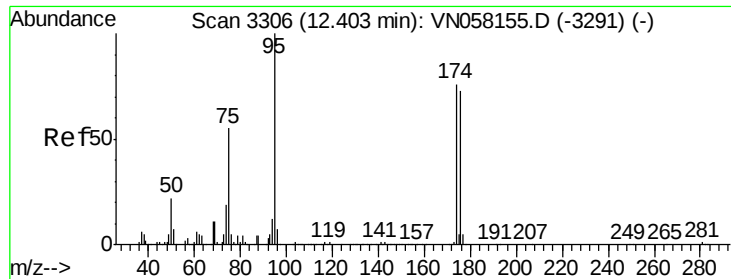
Tot Ion: 98 Resp: 989577
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7



#52
Toluene
Concen: 4.677 ug/l
RT: 10.15 min Scan# 3121
Delta R.T. 0.00 min
Lab File: VN058279.D
Acq: 23 Sep 2019 10:23

Tgt Ion: 92 Resp: 51115
Ion Ratio Lower Upper
92 100
91 176.2 140.2 210.2





#62

4-Bromofluorobenzene

Concen: 45.095 ug/l

RT: 12.41 min Scan# 3823

Delta R.T. 0.00 min

Lab File: VN058279.D

Acq: 23 Sep 2019 10:23

Instrument :

MSVOA_N

ClientSampleId :

FB02-20190918

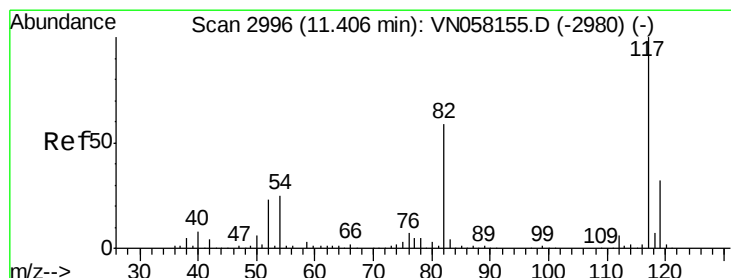
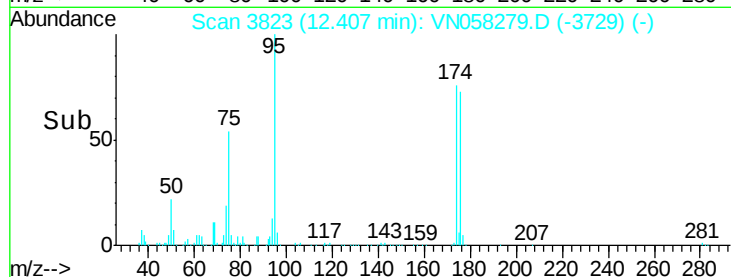
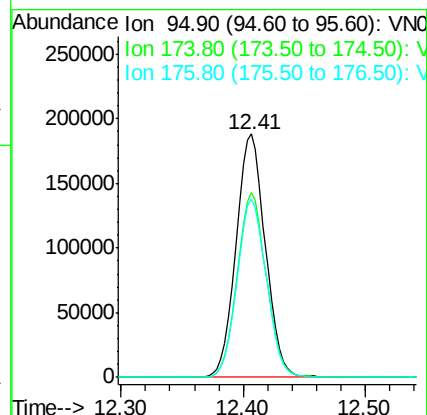
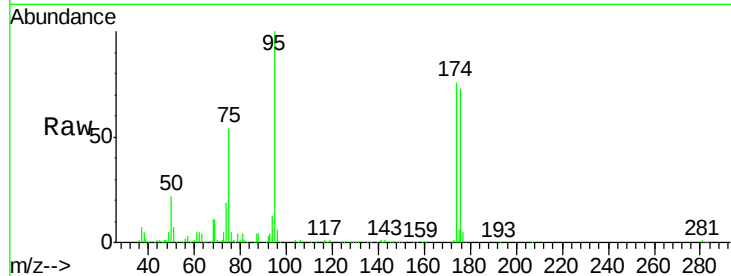
Tot Ion: 95 Resp: 314149

Ion Ratio Lower Upper

95 100

174 75.3 0.0 152.2

176 73.1 0.0 148.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VN058279.D

Acq: 23 Sep 2019 10:23

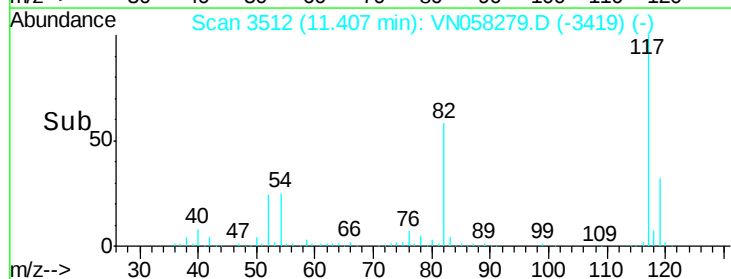
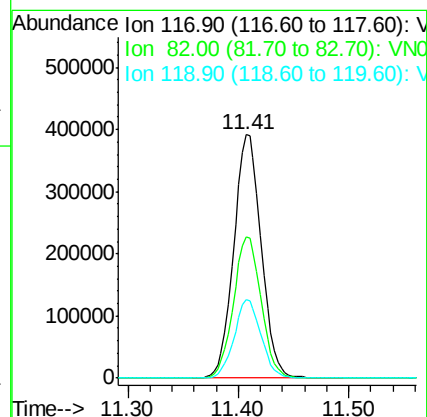
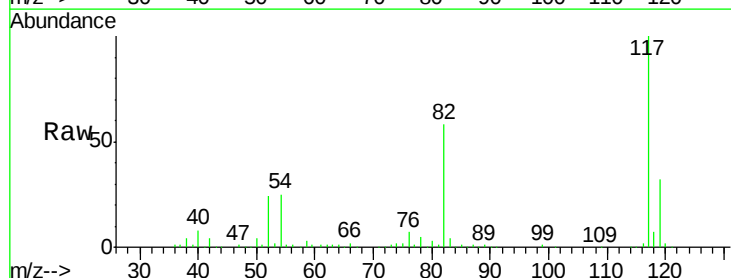
Tgt Ion: 117 Resp: 675816

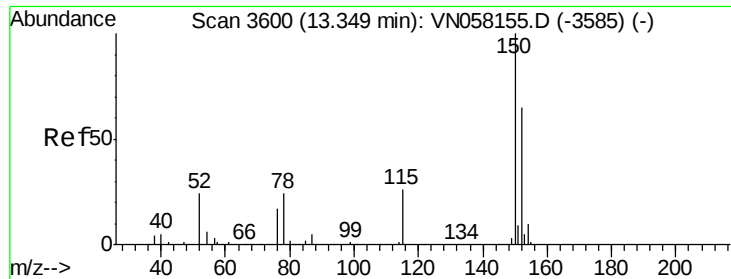
Ion Ratio Lower Upper

117 100

82 58.2 46.9 70.3

119 32.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN058279.D

Acq: 23 Sep 2019 10:23

Instrument :

MSVOA_N

ClientSampleId :

FB02-20190918

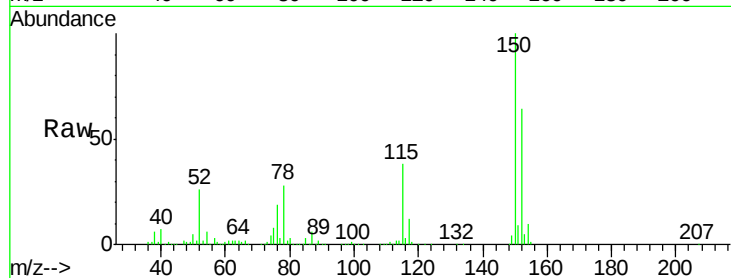
Tot Ion:152 Resp: 266837

Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.3

150 158.5 0.0 346.4



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

