

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
 Data File : VN058261.D
 Acq On : 20 Sep 2019 19:17
 Operator : JC/SP
 Sample : K4975-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D-20190917

Quant Time: Sep 23 07:04:51 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

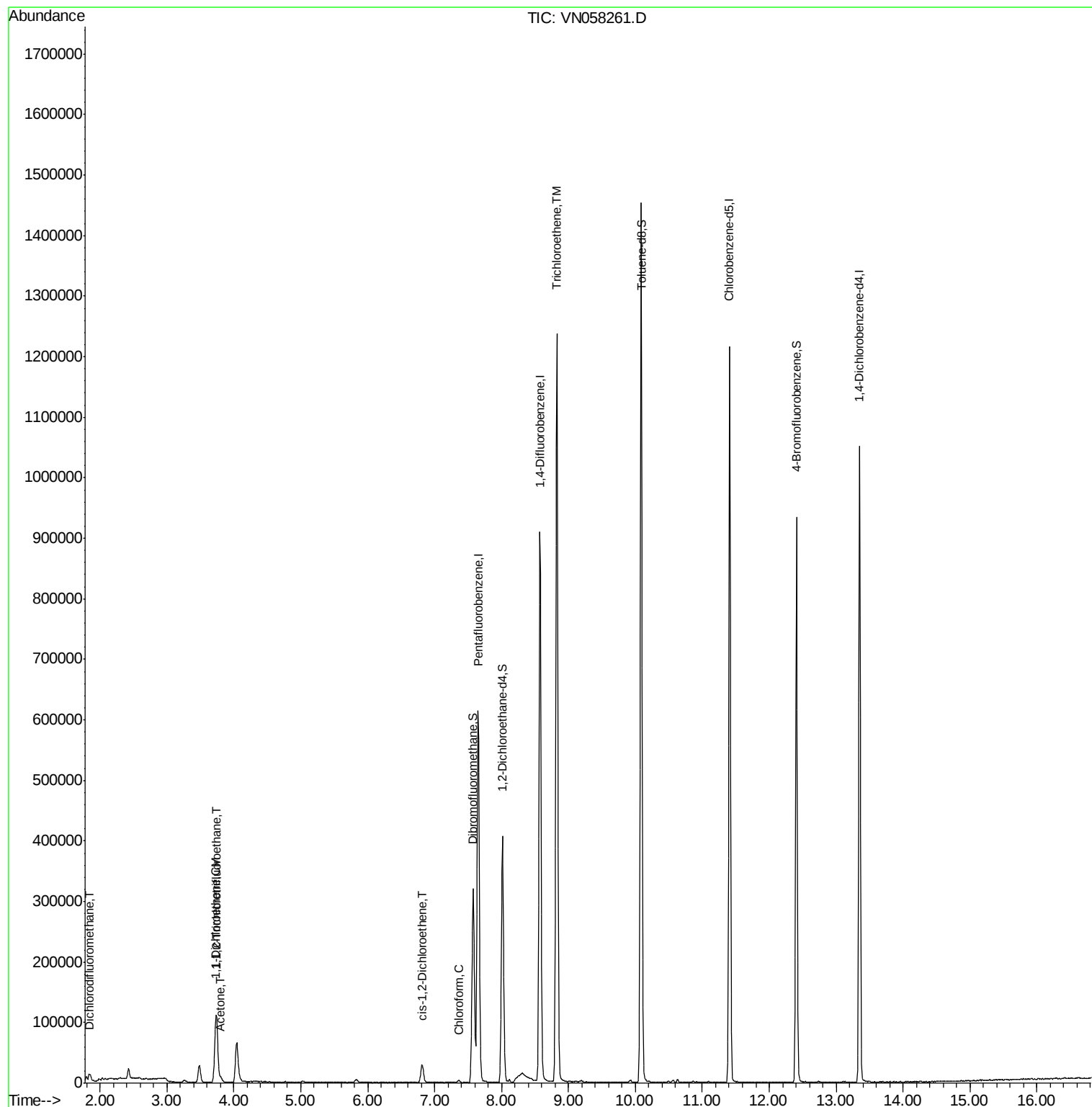
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	475204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	771348	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	661130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	263335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	351621	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
35) Dibromofluoromethane	7.58	113	244697	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	10.08	98	997255	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
62) 4-Bromofluorobenzene	12.41	95	310139	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.84	85	7280	1.865	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	61652	16.048	ug/l	99
12) 1,1-Dichloroethene	3.72	96	11795	3.716	ug/l #	73
16) Acetone	3.80	43	12360	5.502	ug/l	89
27) cis-1,2-Dichloroethene	6.82	96	18311	3.800	ug/l	86
30) Chloroform	7.36	83	4674	0.509	ug/l	93
44) Trichloroethene	8.82	130	424207	102.030	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092019\
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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# 1828

Delta R.T. -0.00 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

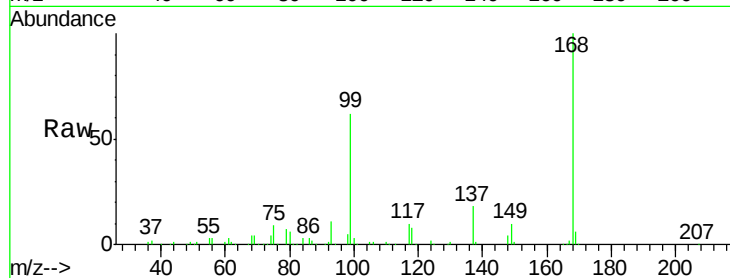
TT101D-20190917

Tot Ion:168 Resp: 475204

Ion Ratio Lower Upper

168 100

99 62.2 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

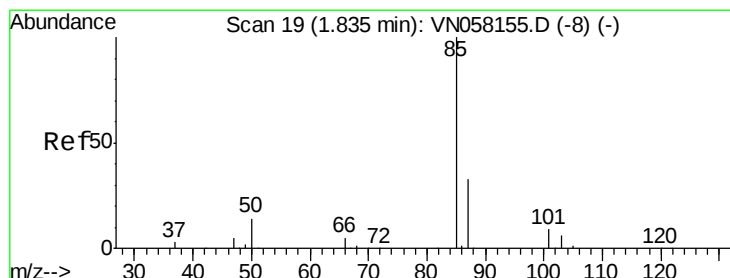
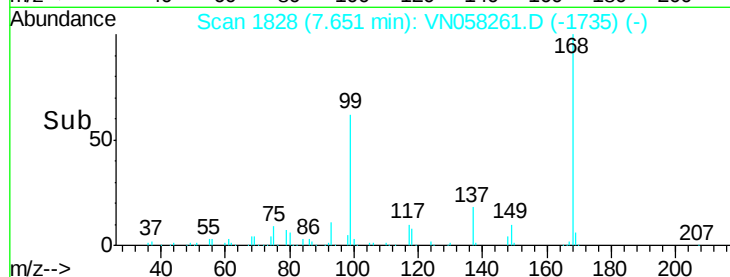
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 1.865 ug/l

RT: 1.84 min Scan# 20

Delta R.T. 0.00 min

Lab File: VN058261.D

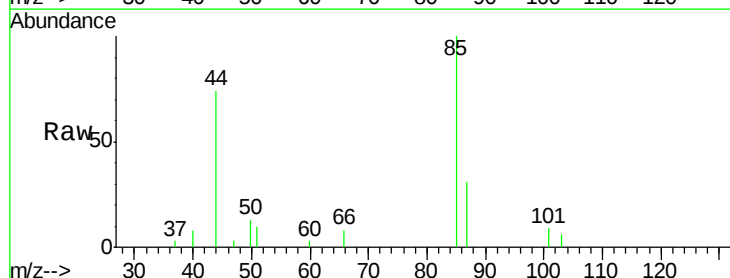
Acq: 20 Sep 2019 19:17

Tgt Ion: 85 Resp: 7280

Ion Ratio Lower Upper

85 100

87 30.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

6000

5000

4000

3000

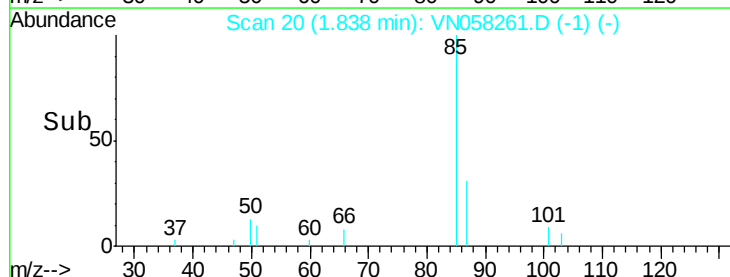
2000

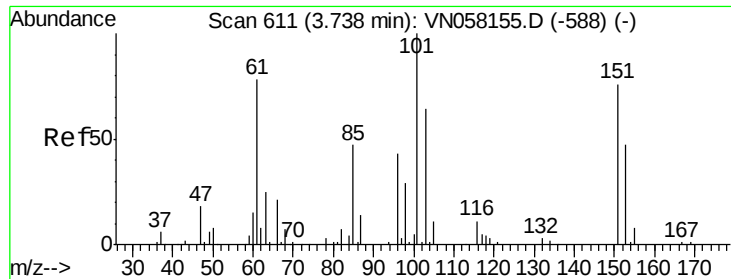
1000

0

1.80 1.85

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.048 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

TT101D-20190917

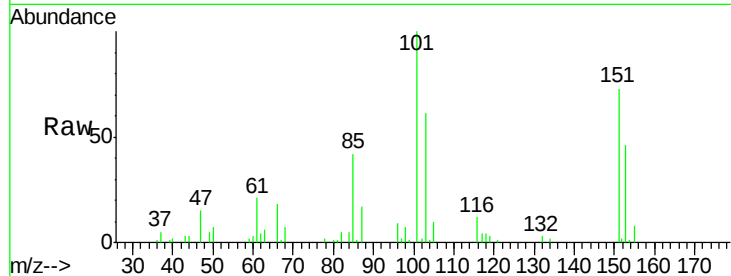
Tot Ion:101 Resp: 61652

Ion Ratio Lower Upper

101 100

85 46.1 37.3 55.9

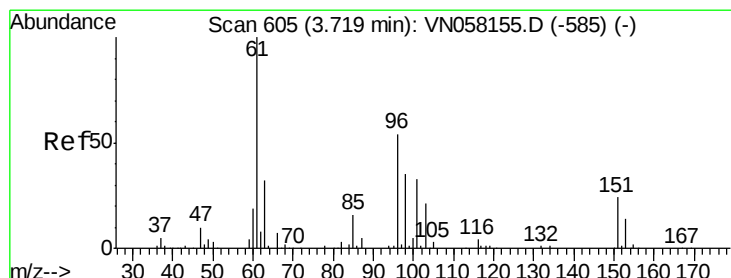
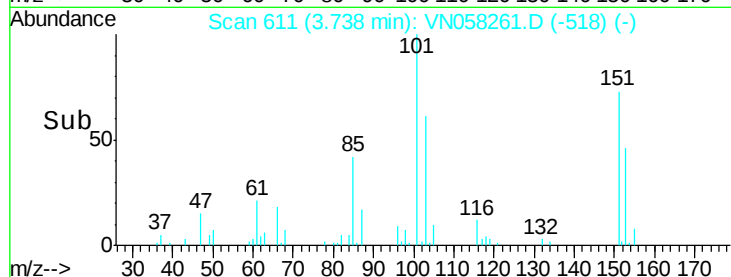
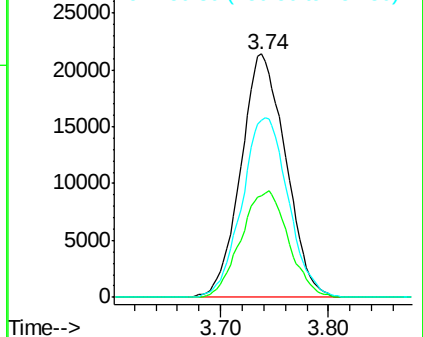
151 76.0 59.6 89.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 3.716 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

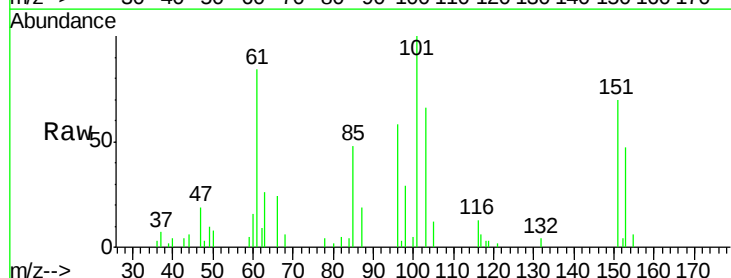
Tgt Ion: 96 Resp: 11795

Ion Ratio Lower Upper

96 100

61 144.8 149.5 224.3#

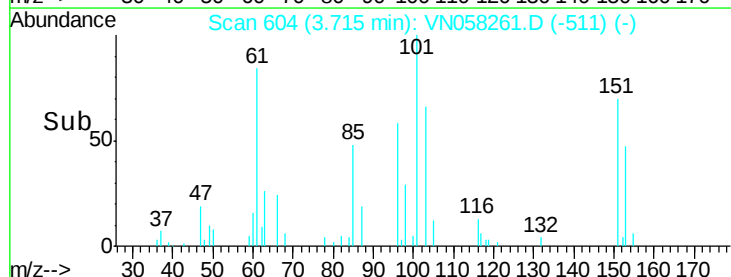
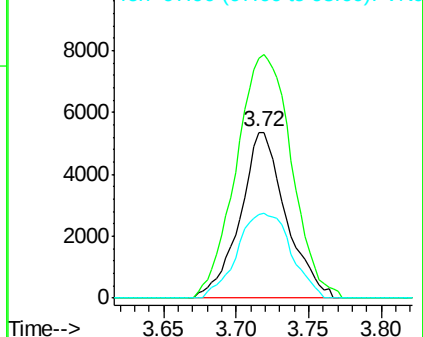
98 50.2 52.4 78.6#

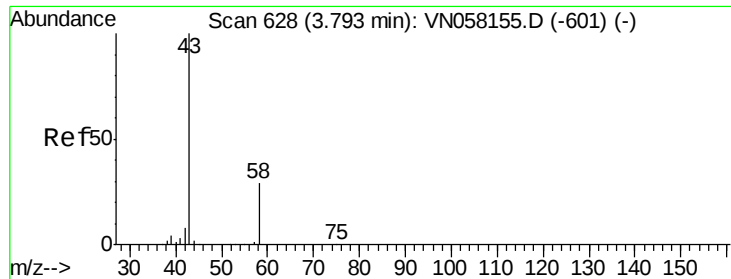


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#16

Acetone

Concen: 5.502 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

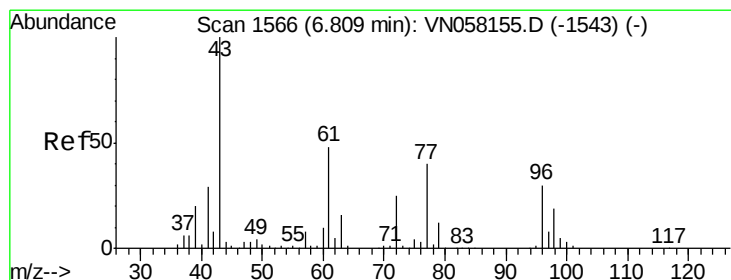
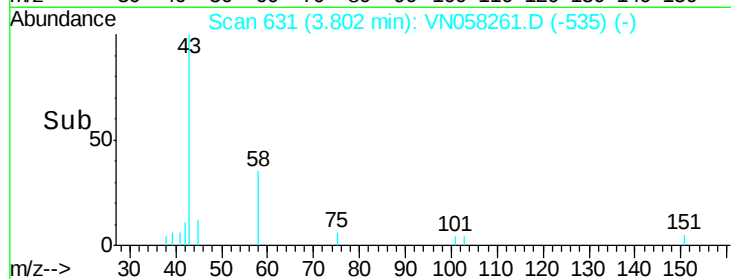
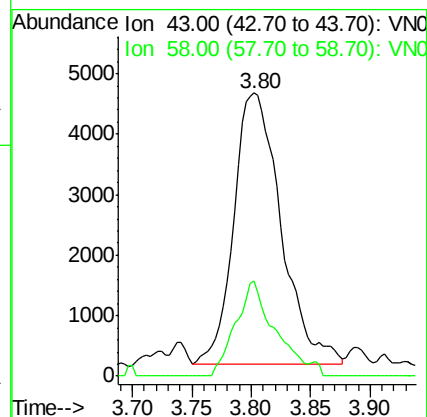
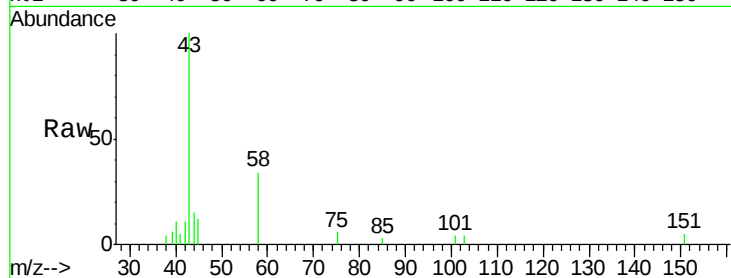
TT101D-20190917

Tot Ion: 43 Resp: 12360

Ion Ratio Lower Upper

43 100

58 35.0 23.4 35.2



#27

cis-1,2-Dichloroethene

Concen: 3.800 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

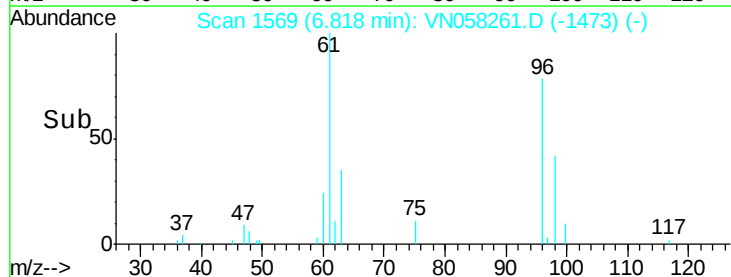
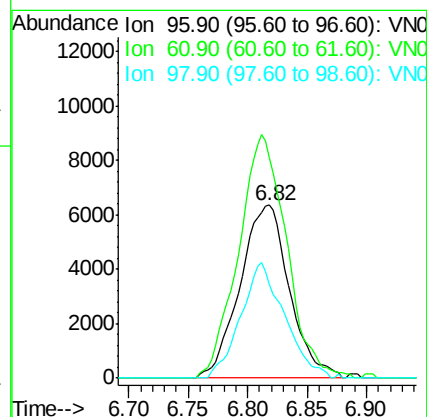
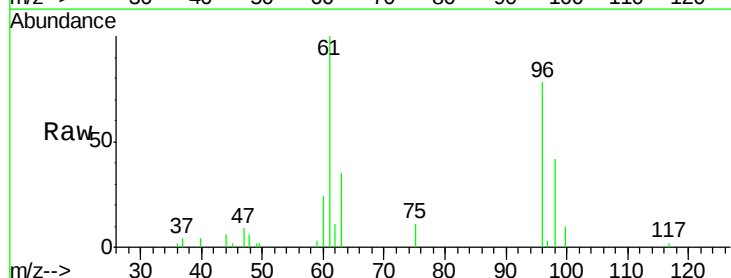
Tgt Ion: 96 Resp: 18311

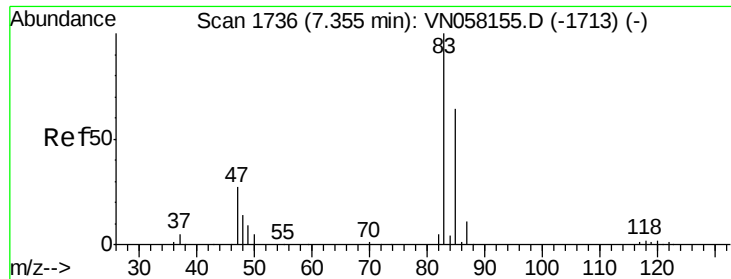
Ion Ratio Lower Upper

96 100

61 136.6 0.0 319.0

98 59.0 0.0 126.6

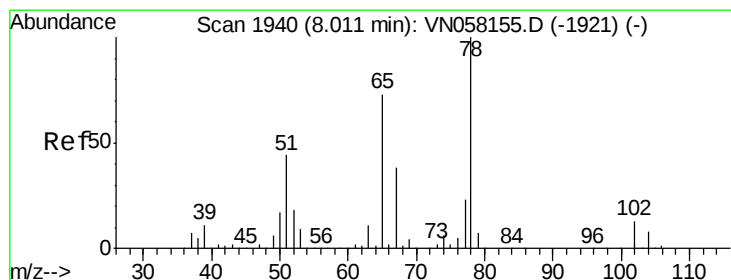
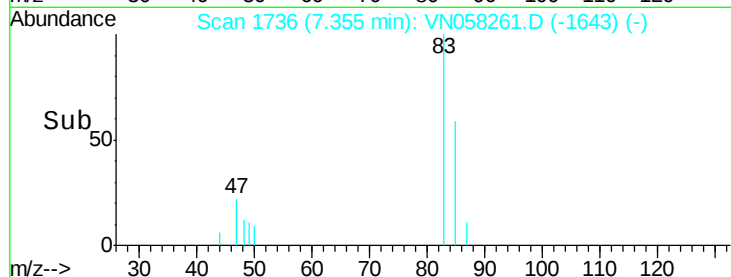
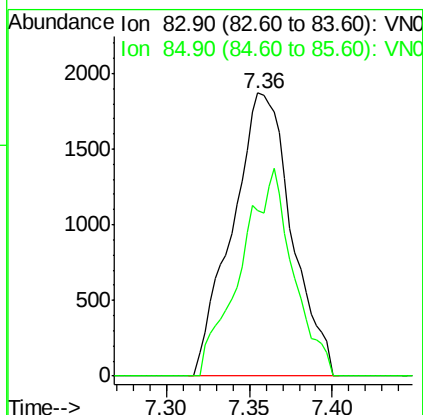
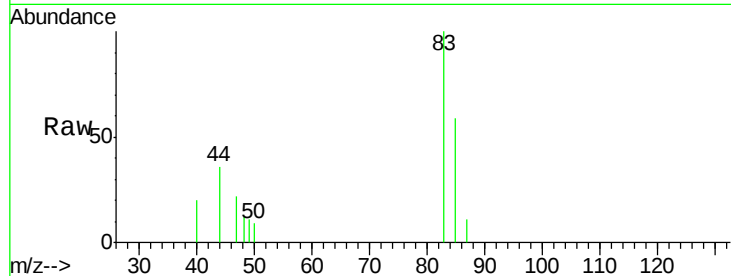




#30
Chloroform
Concen: 0.509 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VN058261.D
Acq: 20 Sep 2019 19:17

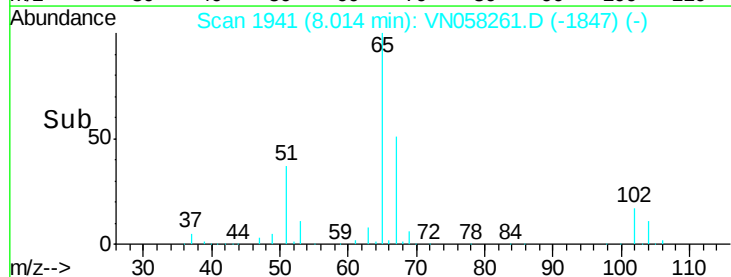
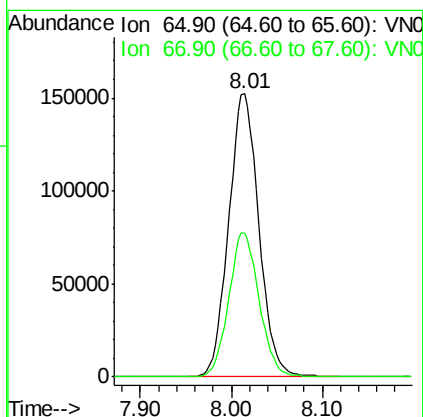
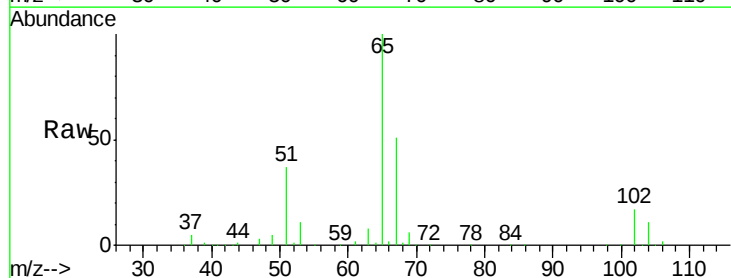
Instrument :
MSVOA_N
ClientSampleId :
TT101D-20190917

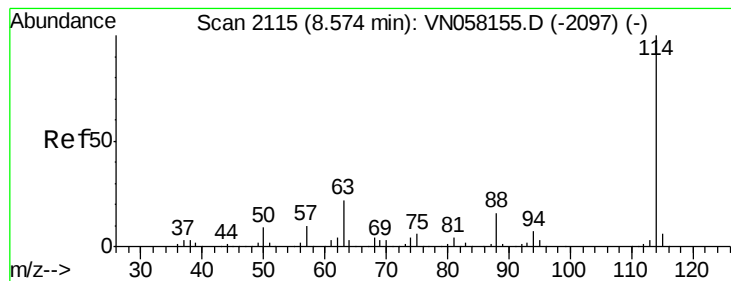
Tot Ion: 83 Resp: 4674
Ion Ratio Lower Upper
83 100
85 58.7 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 53.126 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058261.D
Acq: 20 Sep 2019 19:17

Tgt Ion: 65 Resp: 351621
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

Instrument :

MSVOA_N

ClientSampleId :

TT101D-20190917

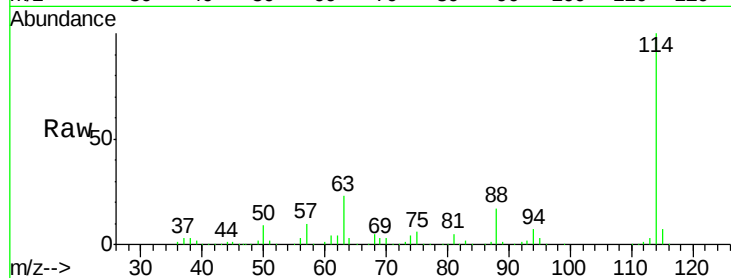
Tot Ion:114 Resp: 771348

Ion Ratio Lower Upper

114 100

63 23.2 0.0 44.2

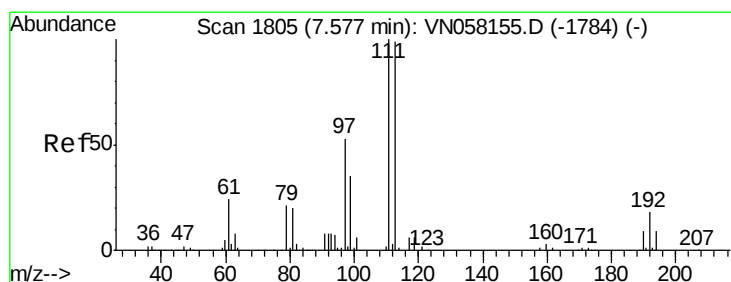
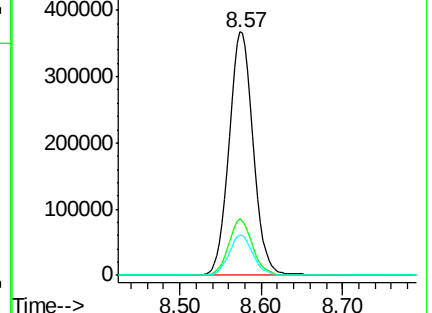
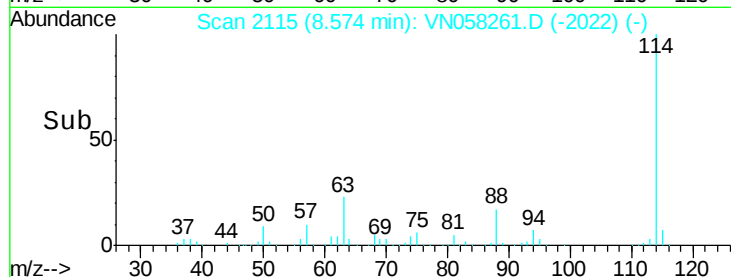
88 16.5 0.0 31.6



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: 52.184 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. -0.00 min

Lab File: VN058261.D

Acq: 20 Sep 2019 19:17

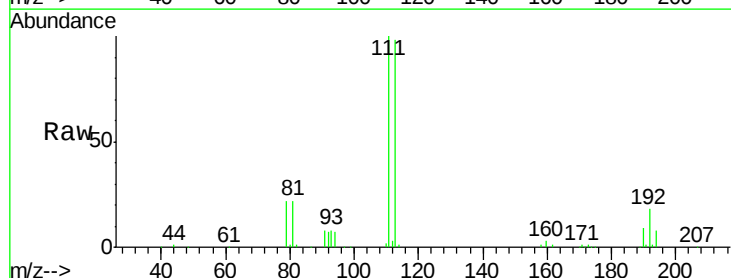
Tgt Ion:113 Resp: 244697

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.6

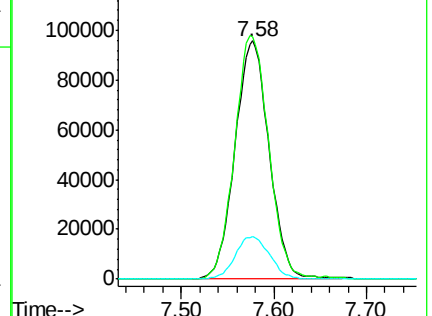
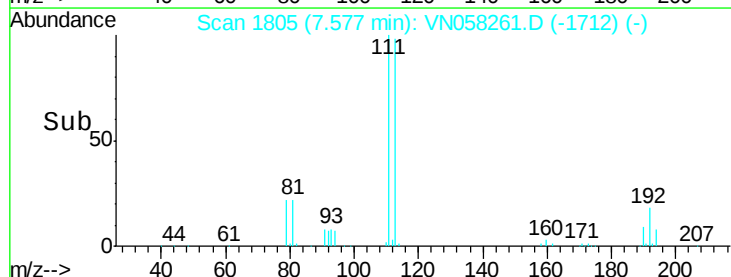
192 18.1 14.5 21.7

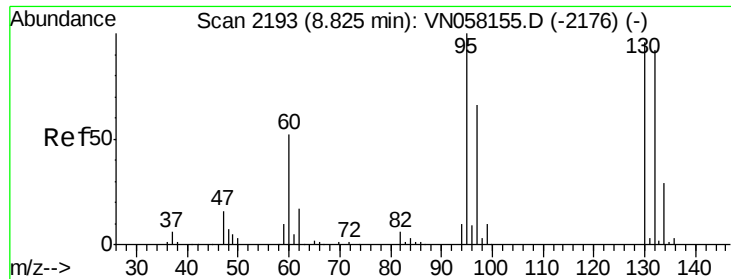


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

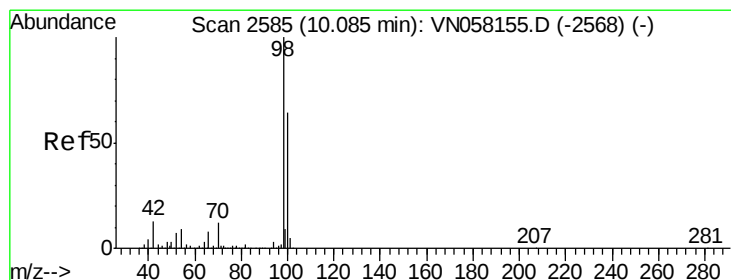
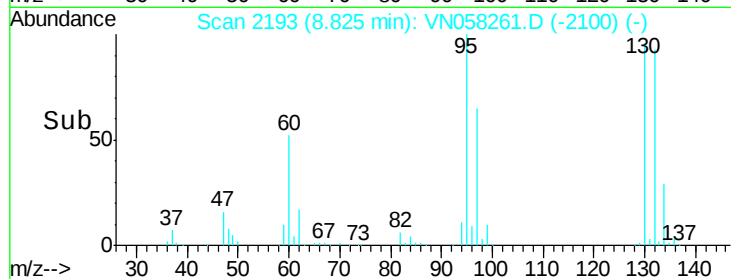
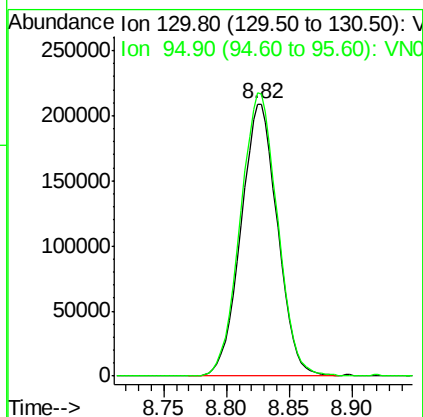
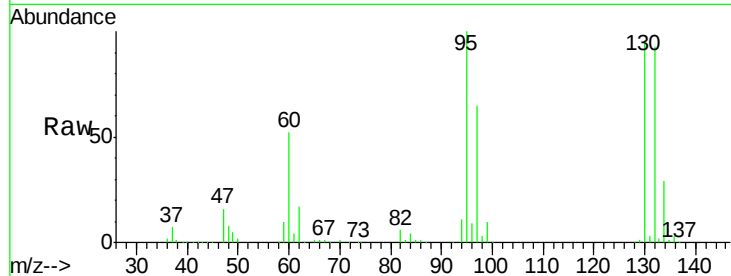




#44
 Trichloroethene
 Concen: 102.030 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VN058261.D
 Acq: 20 Sep 2019 19:17

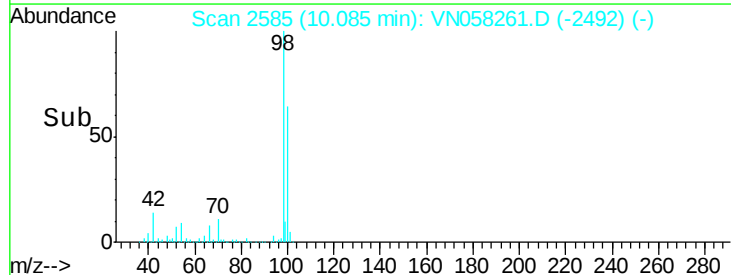
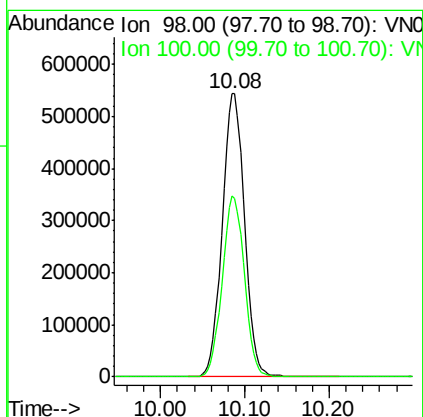
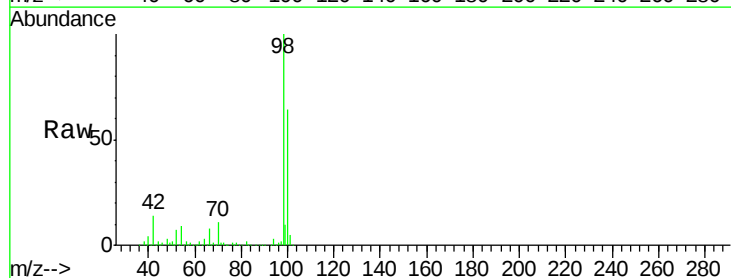
Instrument :
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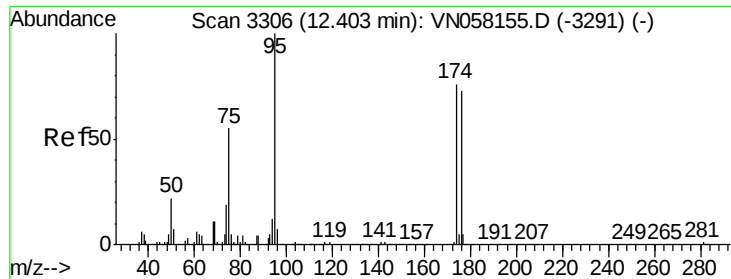
Tot Ion:130 Resp: 424207
 Ion Ratio Lower Upper
 130 100
 95 103.9 0.0 207.8



#50
 Toluene-d8
 Concen: 54.584 ug/l
 RT: 10.08 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN058261.D
 Acq: 20 Sep 2019 19:17

Tgt Ion: 98 Resp: 997255
 Ion Ratio Lower Upper
 98 100
 100 63.5 51.1 76.7

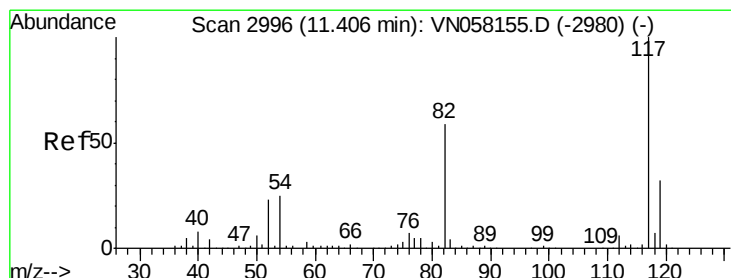
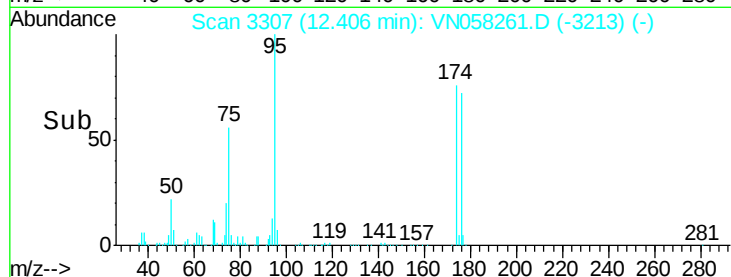
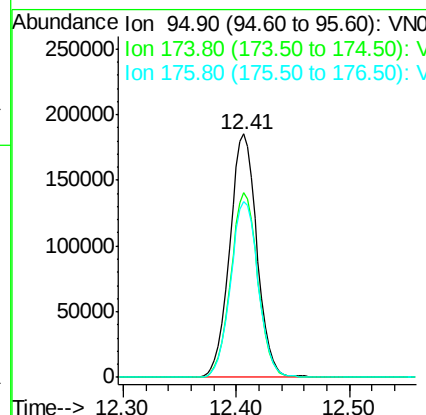
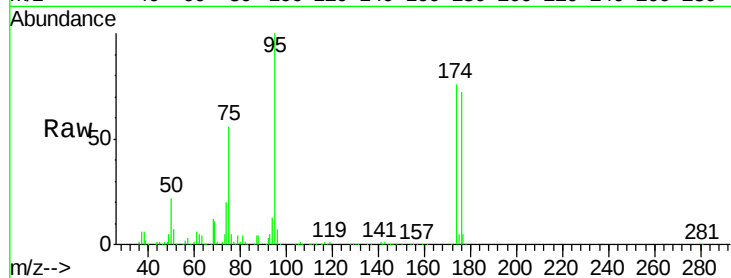




#62
4-Bromofluorobenzene
Concen: 45.699 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058261.D
Acq: 20 Sep 2019 19:17

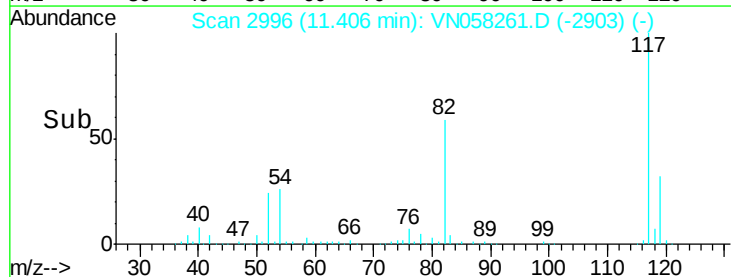
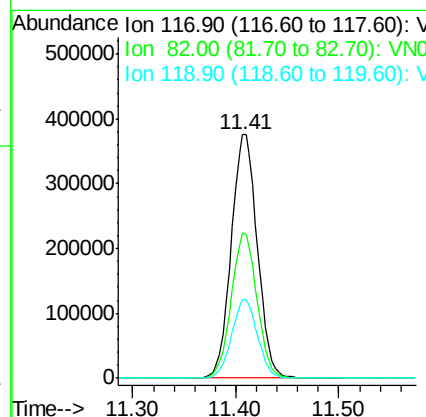
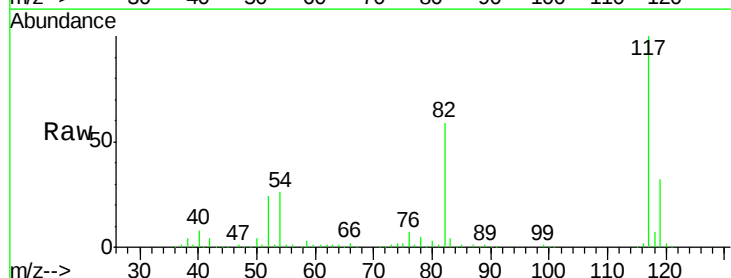
Instrument :
MSVOA_N
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TT101D-20190917

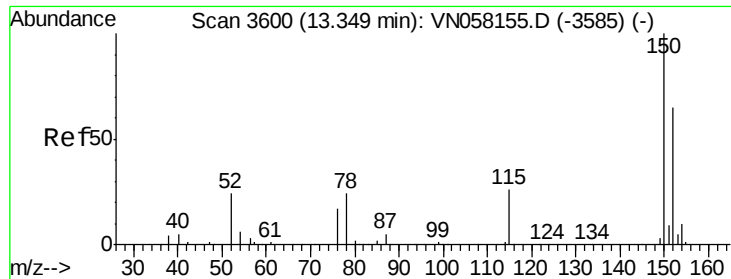
Tot Ion: 95 Resp: 310139
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.2
176 73.3 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058261.D
Acq: 20 Sep 2019 19:17

Tgt Ion: 117 Resp: 661130
Ion Ratio Lower Upper
117 100
82 59.4 46.9 70.3
119 32.1 25.3 37.9

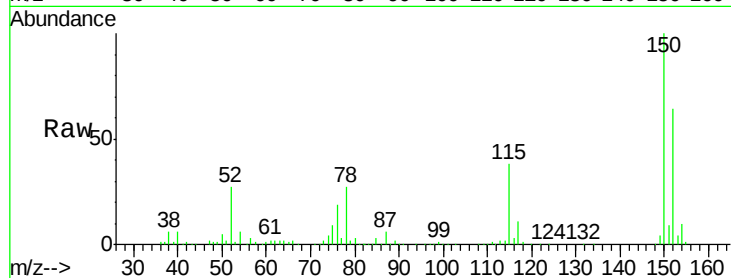




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VN058261.D
 Acq: 20 Sep 2019 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D-20190917

Tot Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.1	90.3
150	156.2	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

