

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
 Data File : VN058358.D
 Acq On : 25 Sep 2019 11:52
 Operator : JC/SP
 Sample : K5012-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GAC1-190923

Quant Time: Sep 26 02:32:55 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

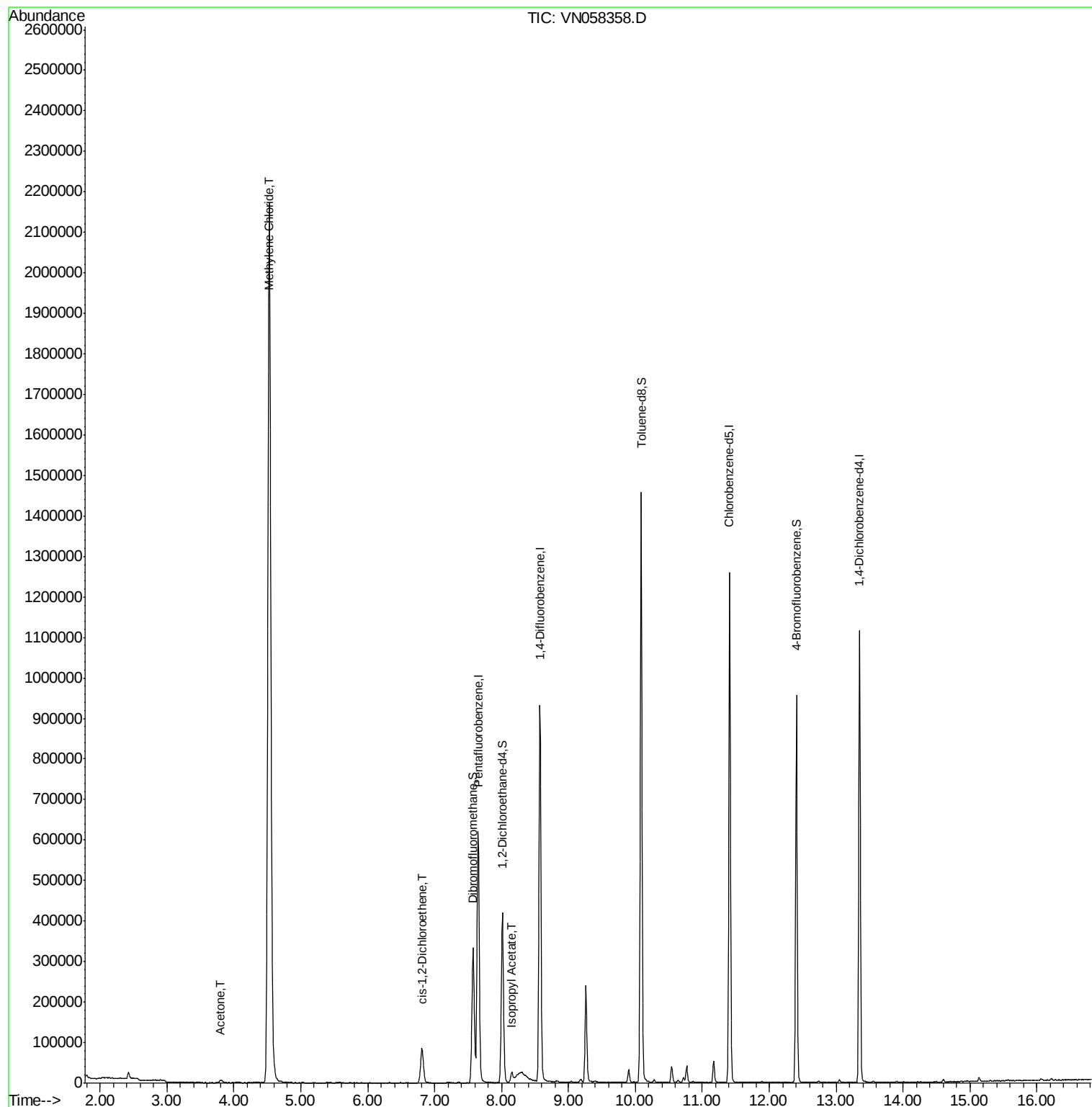
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	484742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	803777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	685336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276629	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	362271	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
35) Dibromofluoromethane	7.57	113	250246	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
50) Toluene-d8	10.09	98	1006991	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.41	95	323396	45.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.46%	
Target Compounds						
16) Acetone	3.80	43	11622	5.071	ug/l	96
20) Methylene Chloride	4.53	84	1596599	399.471	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	54154	11.017	ug/l	89
43) Isopropyl Acetate	8.15	43	35181	3.132	ug/l #	89

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092519\
Data File : VN058358.D
Acq On : 25 Sep 2019 11:52
Operator : JC/SP
Sample : K5012-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IDW-GAC1-190923

Quant Time: Sep 26 02:32:55 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# 1828

Delta R.T. 0.00 min

Lab File: VN058358.D

Acq: 25 Sep 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

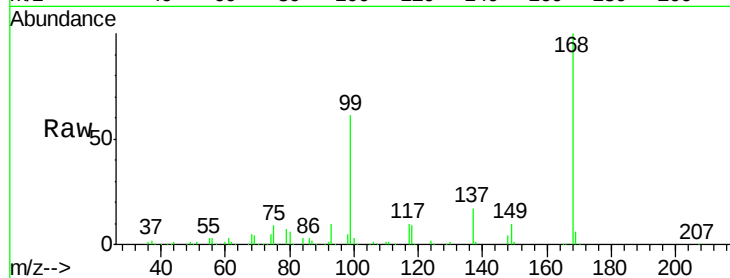
IDW-GAC1-190923

Tot Ion:168 Resp: 484742

Ion Ratio Lower Upper

168 100

99 61.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

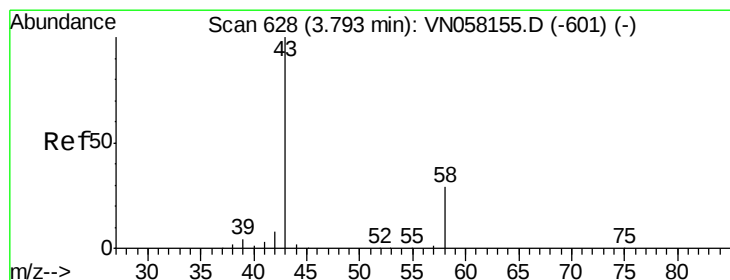
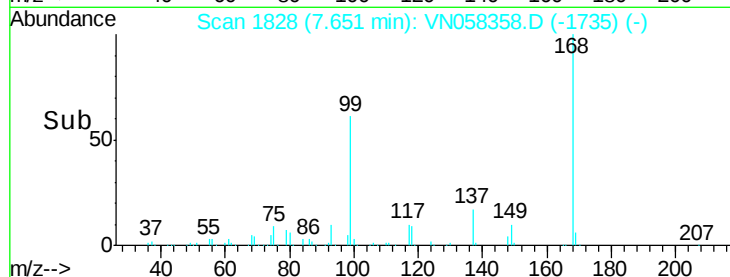
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.071 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058358.D

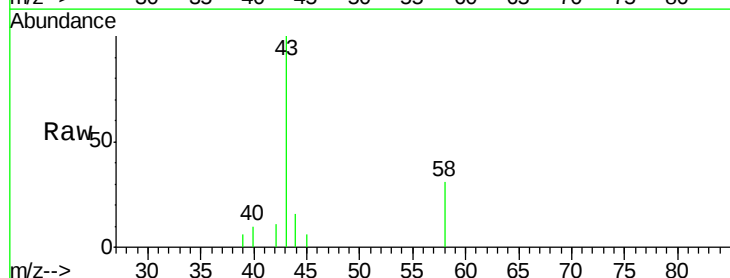
Acq: 25 Sep 2019 11:52

Tgt Ion: 43 Resp: 11622

Ion Ratio Lower Upper

43 100

58 31.3 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.80

5000

4000

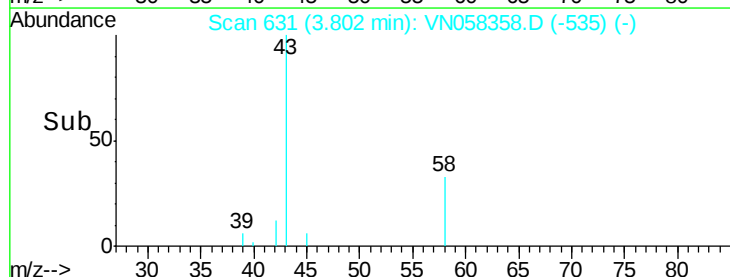
3000

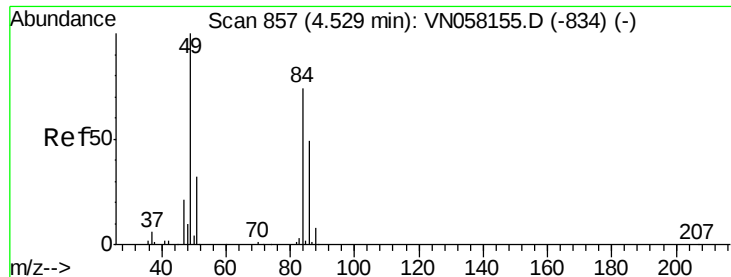
2000

1000

0

Time-->



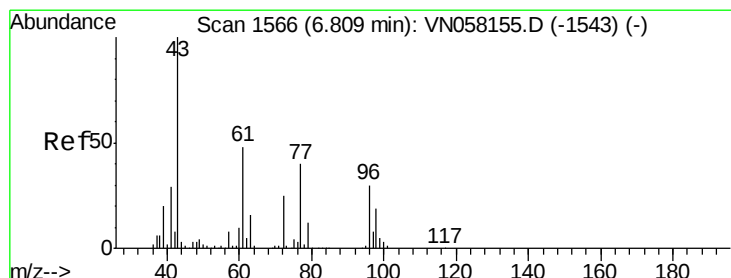
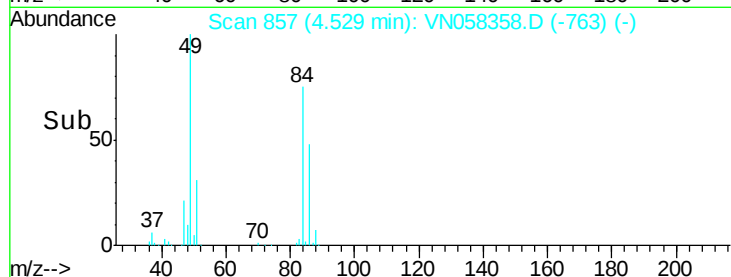
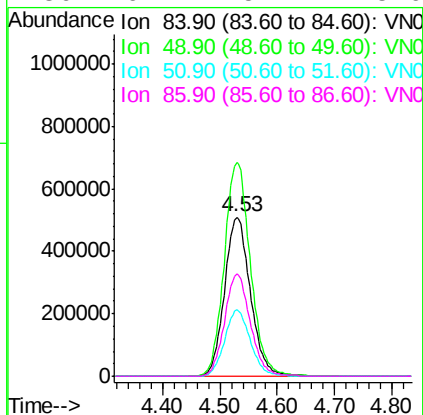
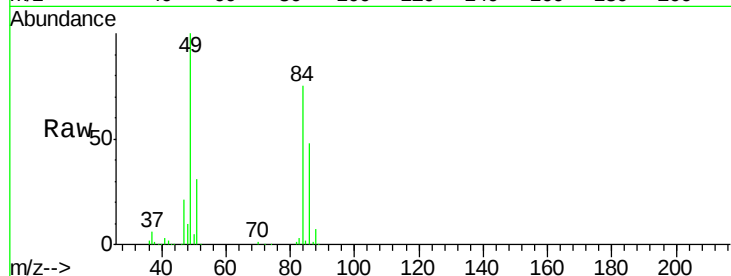


#20
Methylene Chloride
Concen: 399.471 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058358.D
Acq: 25 Sep 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
IDW-GAC1-190923

Tot Ion: 84 Resp: 1596599

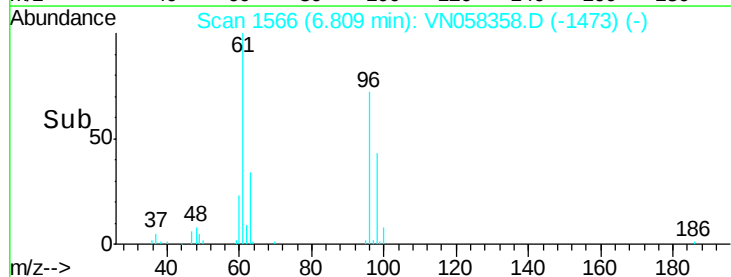
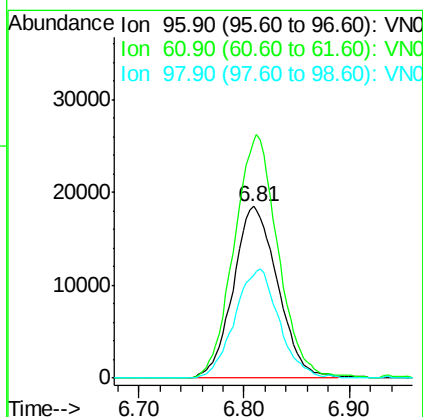
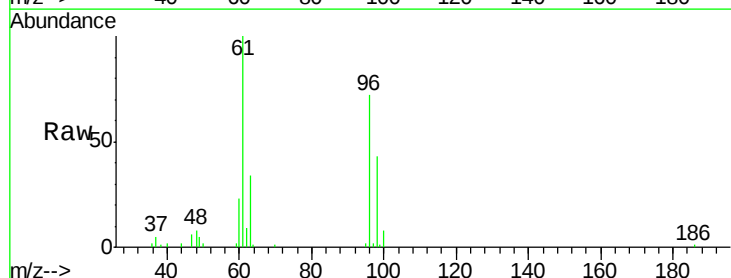
Ion	Ratio	Lower	Upper
84	100		
49	134.2	107.5	161.3
51	41.5	33.9	50.9
86	64.4	52.4	78.6

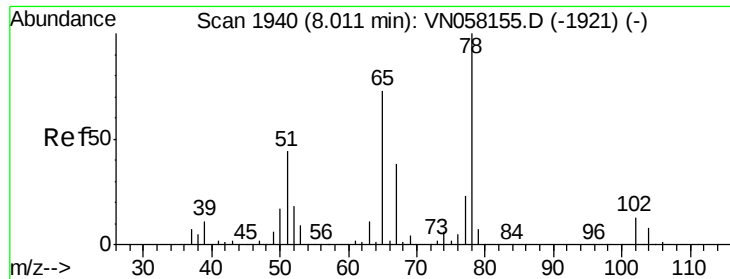


#27
cis-1,2-Dichloroethene
Concen: 11.017 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN058358.D
Acq: 25 Sep 2019 11:52

Tgt Ion: 96 Resp: 54154

Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	319.0
98	63.1	0.0	126.6

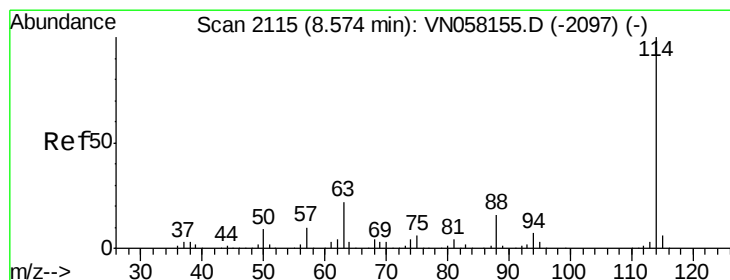
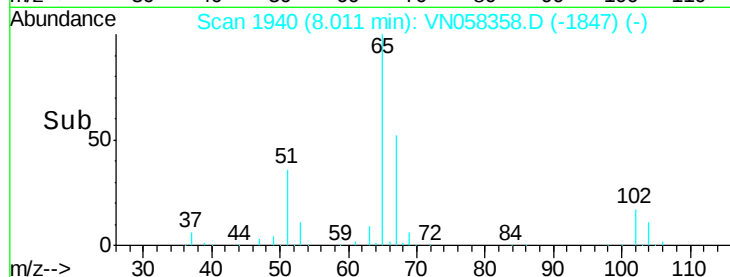
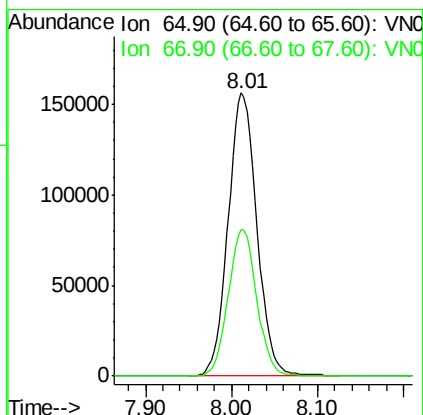
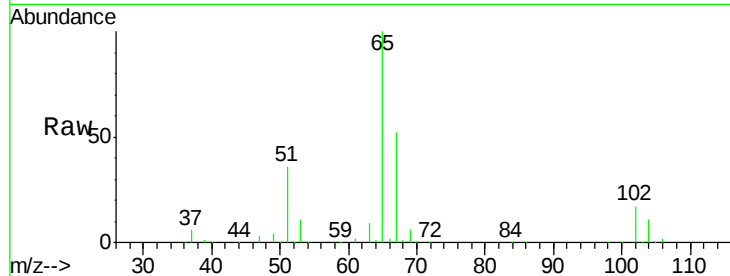




#33
 1,2-Dichloroethane-d4
 Concen: 53.658 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058358.D
 Acq: 25 Sep 2019 11:52

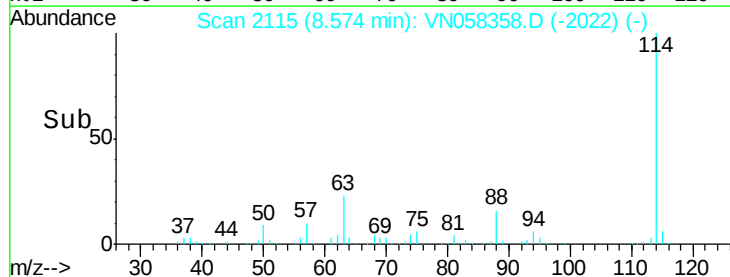
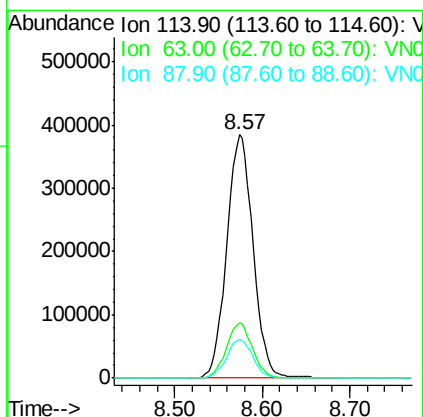
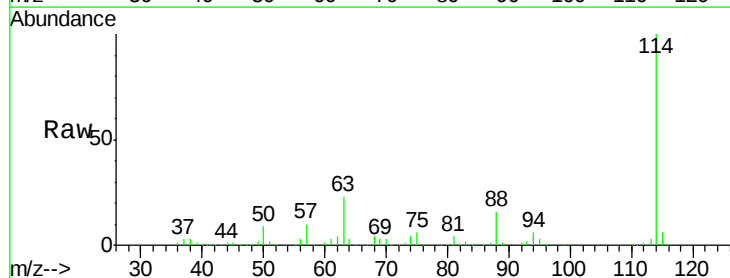
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GAC1-190923

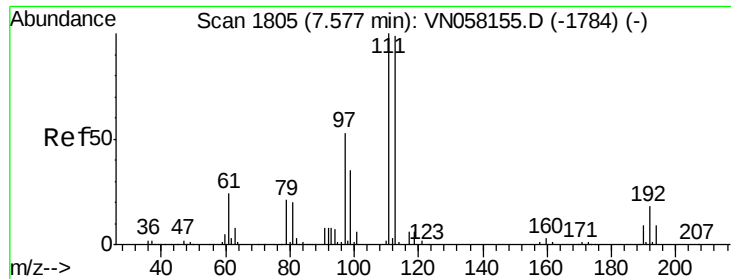
Tot Ion: 65 Resp: 362271
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058358.D
 Acq: 25 Sep 2019 11:52

Tgt Ion: 114 Resp: 803777
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.2
 88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.214 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058358.D

Acq: 25 Sep 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

IDW-GAC1-190923

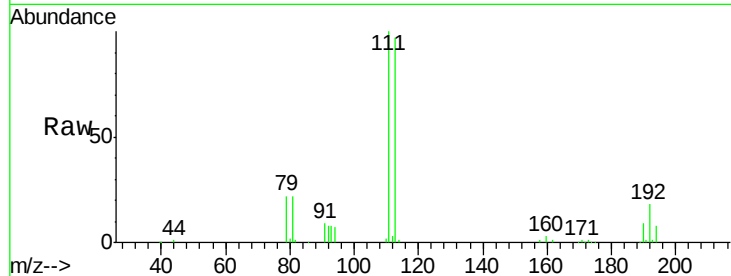
Tot Ion:113 Resp: 250246

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.6

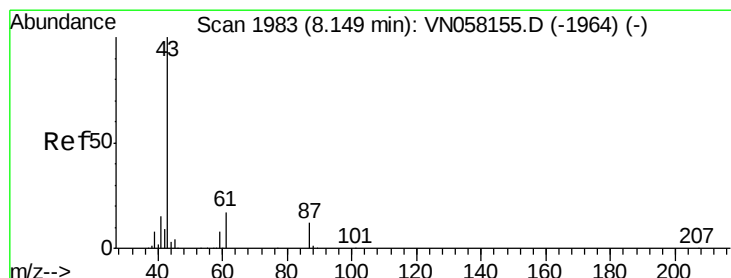
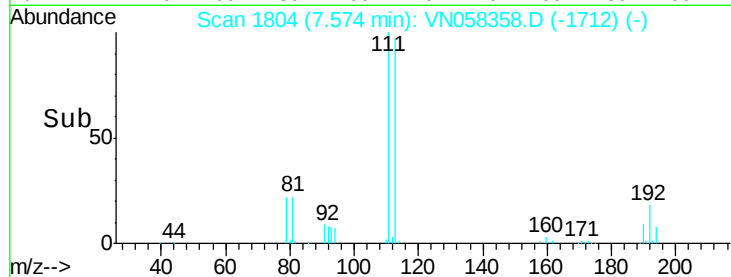
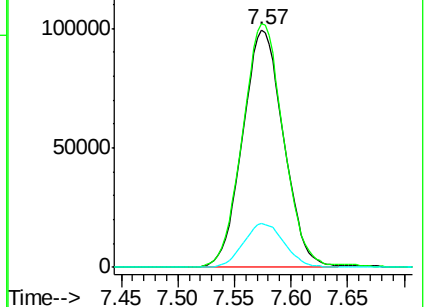
192 18.5 14.5 21.7



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



#43

Isopropyl Acetate

Concen: 3.132 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058358.D

Acq: 25 Sep 2019 11:52

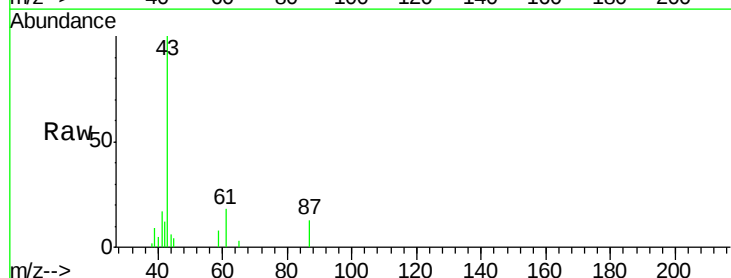
Tgt Ion: 43 Resp: 35181

Ion Ratio Lower Upper

43 100

61 18.0 19.7 29.5#

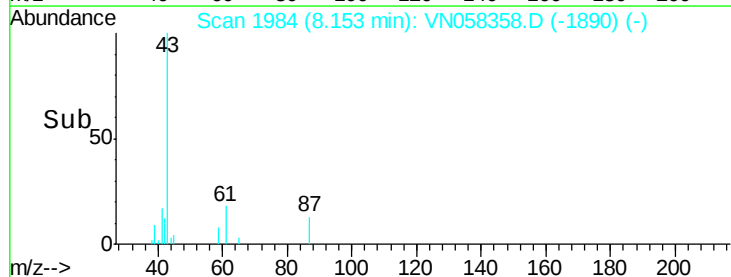
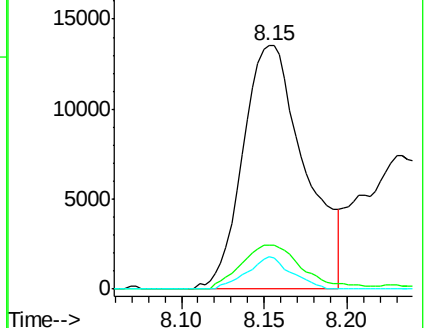
87 9.4 9.4 14.2#

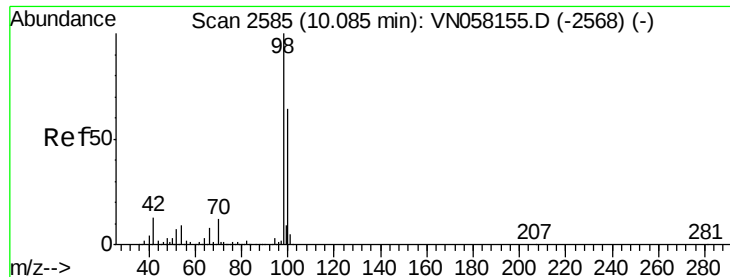


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 52.894 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058358.D

Acq: 25 Sep 2019 11:52

Instrument :

MSVOA_N

ClientSampleId :

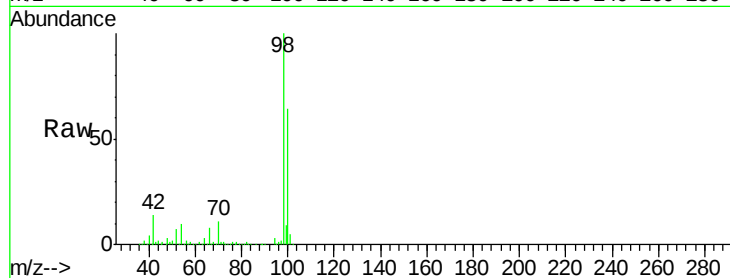
IDW-GAC1-190923

Tot Ion: 98 Resp: 1006991

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

600000

500000

400000

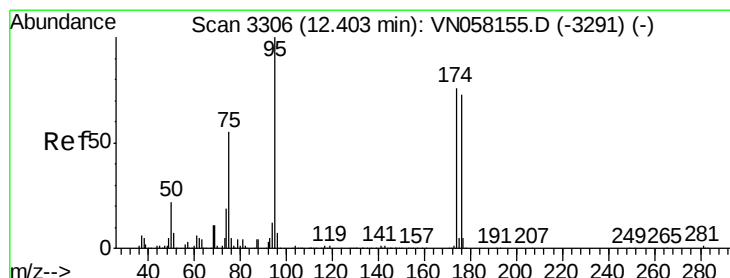
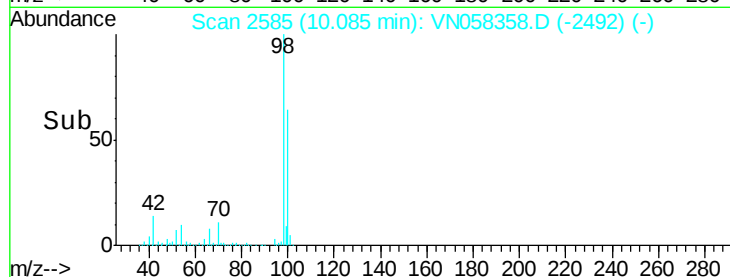
300000

200000

100000

0

Time--> 10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 45.730 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058358.D

Acq: 25 Sep 2019 11:52

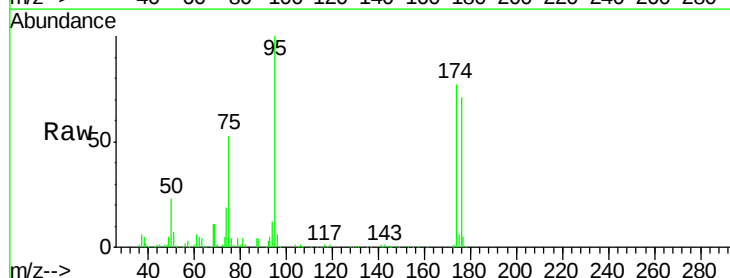
Tgt Ion: 95 Resp: 323396

Ion Ratio Lower Upper

95 100

174 76.1 0.0 152.2

176 72.2 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

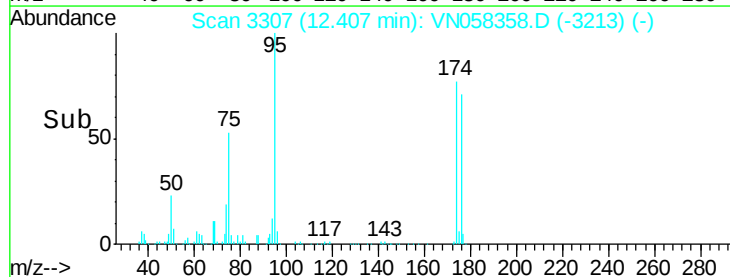
150000

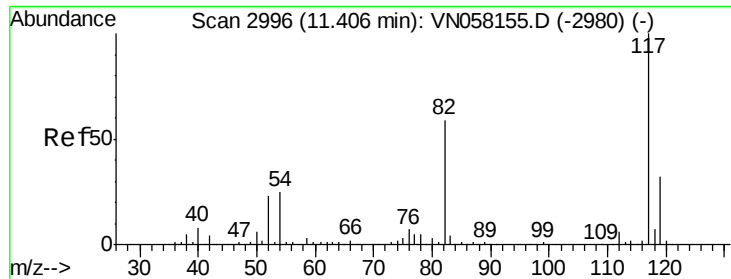
100000

50000

0

Time--> 12.30 12.40 12.50

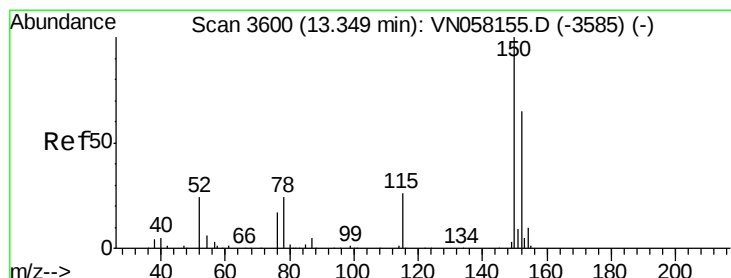
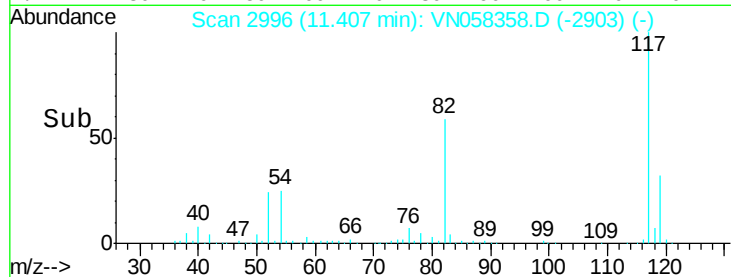
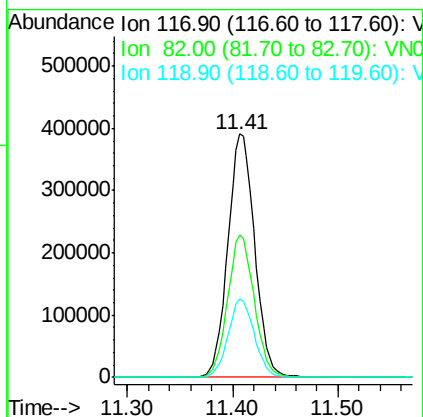
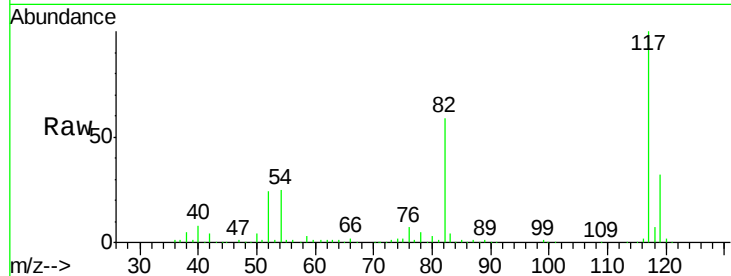




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058358.D
Acq: 25 Sep 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
IDW-GAC1-190923

Tot Ion:117 Resp: 685336
Ion Ratio Lower Upper
117 100
82 58.7 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# 3600
Delta R.T. 0.00 min
Lab File: VN058358.D
Acq: 25 Sep 2019 11:52

Tgt Ion:152 Resp: 276629
Ion Ratio Lower Upper
152 100
115 61.6 30.1 90.3
150 158.1 0.0 346.4

