

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101419\
 Data File : VN058761.D
 Acq On : 14 Oct 2019 19:52
 Operator : JC/SP
 Sample : K5335-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GAC2-191010

Quant Time: Oct 15 04:19:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 12 00:00:30 2019
 Response via : Initial Calibration

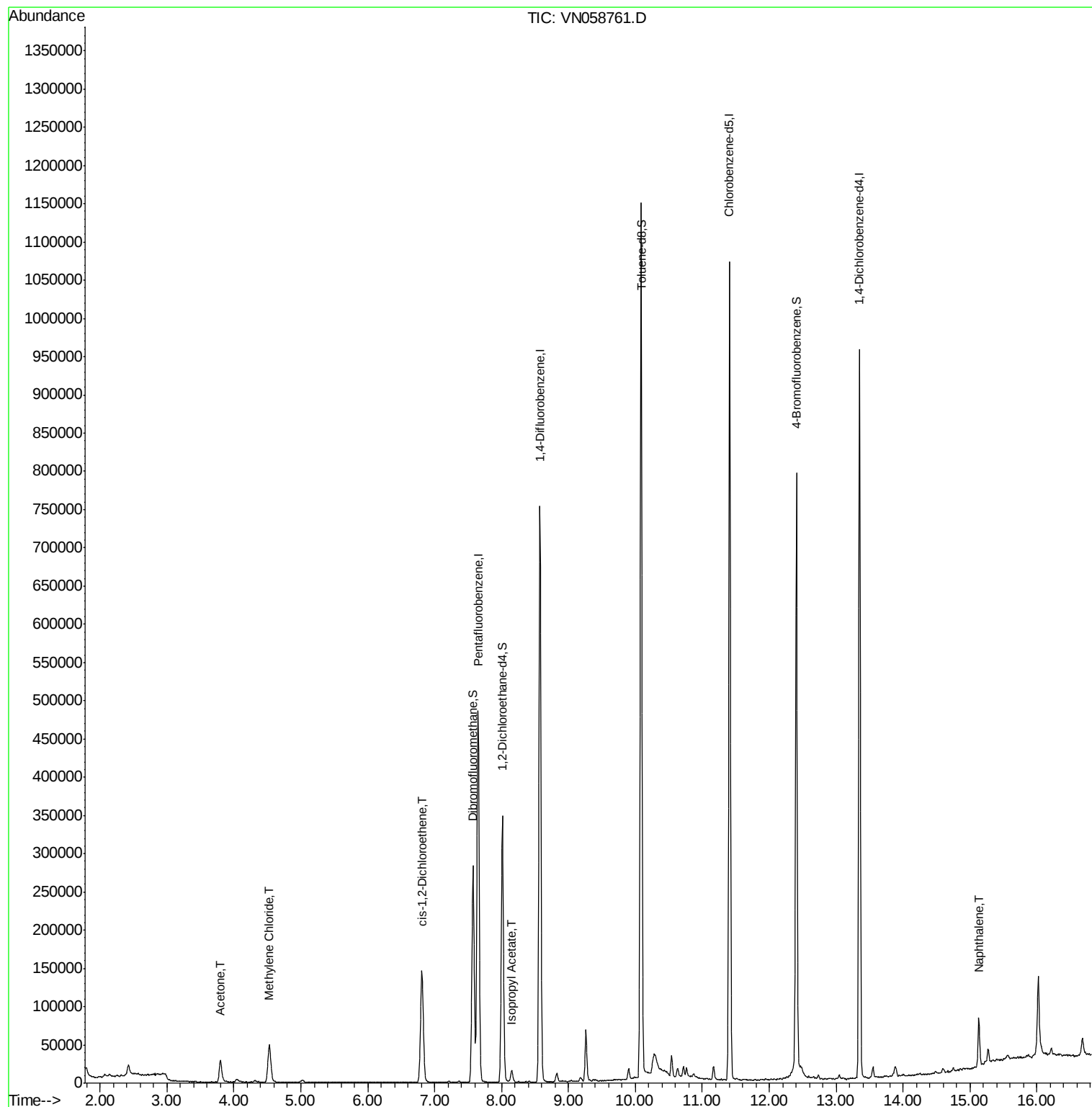
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	386390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	647345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	588058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	241809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	297909	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
35) Dibromofluoromethane	7.57	113	210502	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
50) Toluene-d8	10.08	98	782169	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.40	95	260191	42.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.98%	
Target Compounds						
16) Acetone	3.80	43	49557	22.129	ug/l	97
20) Methylene Chloride	4.53	84	35871	7.664	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	90658	18.730	ug/l	86
43) Isopropyl Acetate	8.15	43	18021	1.598	ug/l #	91
95) Naphthalene	15.13	128	46985	3.500	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058761.D

Acq: 14 Oct 2019 19:52

Instrument :

MSVOA_N

ClientSampleId :

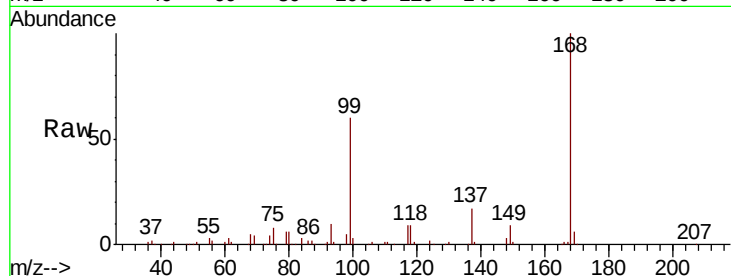
IDW-GAC2-191010

Tot Ion:168 Resp: 386390

Ion Ratio Lower Upper

168 100

99 59.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VN058761.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN058761.D (-1734) (-)

7.65

150000

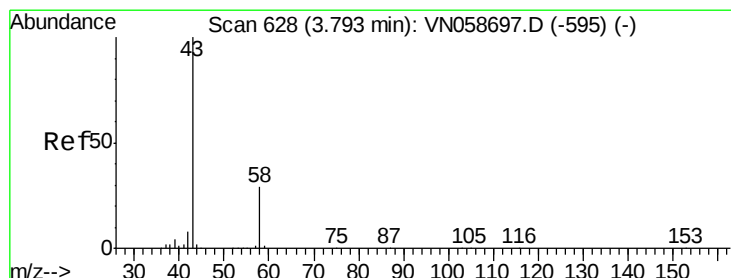
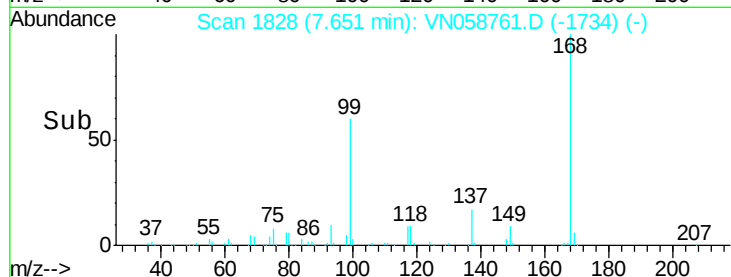
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 22.129 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058761.D

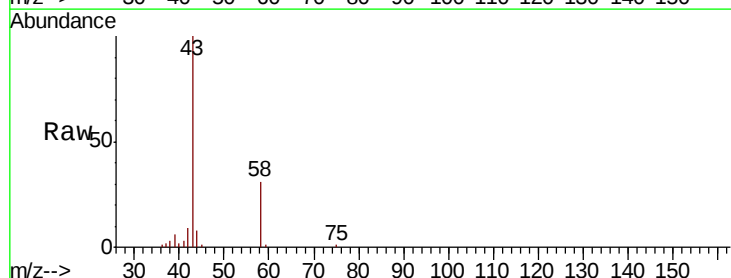
Acq: 14 Oct 2019 19:52

Tgt Ion: 43 Resp: 49557

Ion Ratio Lower Upper

43 100

58 31.0 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN058761.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN058761.D (-535) (-)

3.80

20000

15000

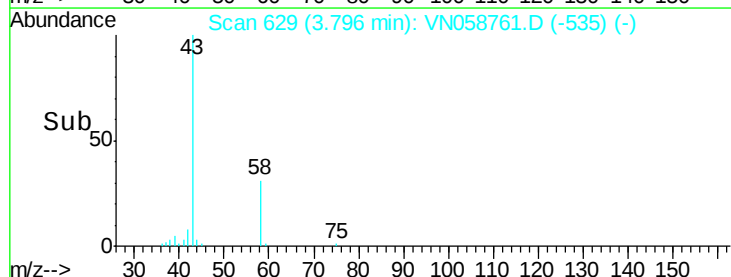
10000

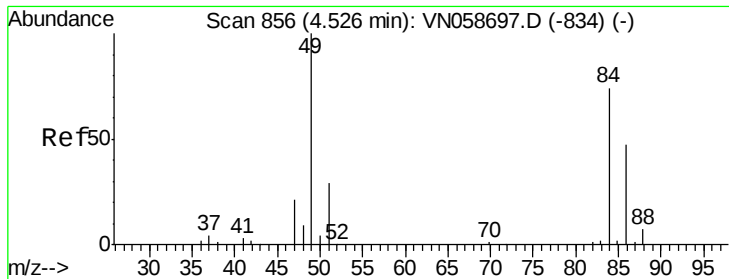
5000

0

3.70 3.80 3.90

Time-->

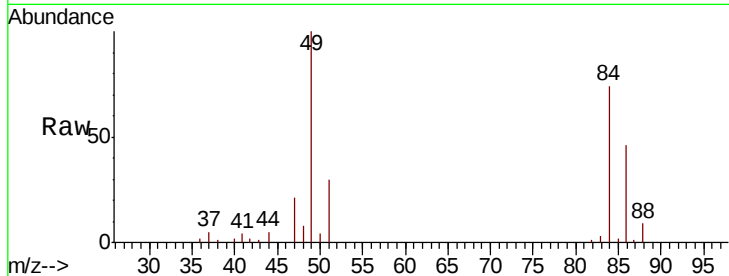




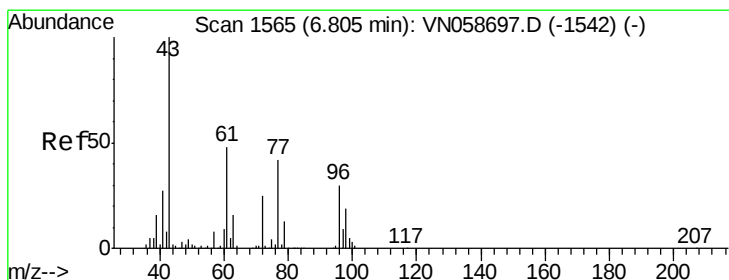
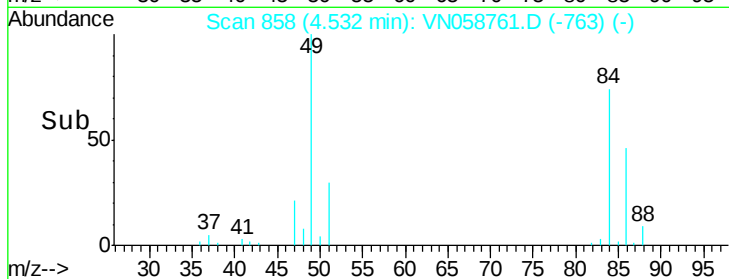
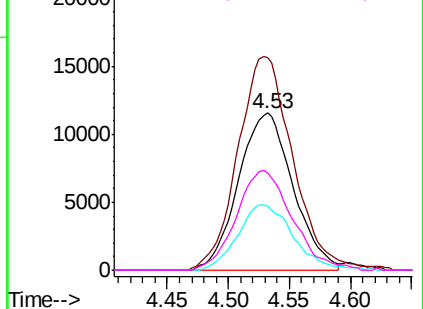
#20
Methvlene Chloride
Concen: 7.664 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058761.D
Acq: 14 Oct 2019 19:52

Instrument :
MSVOA_N
ClientSampleId :
IDW-GAC2-191010

Tot Ion: 84 Resp: 35871
Ion Ratio Lower Upper
84 100
49 135.1 107.6 161.4
51 40.8 31.4 47.0
86 62.0 50.3 75.5

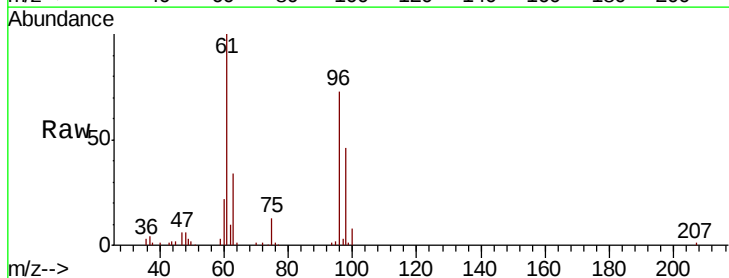


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

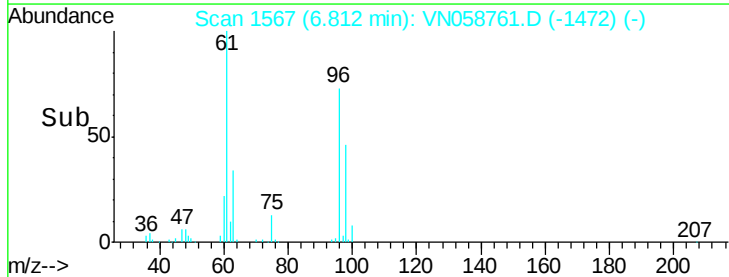
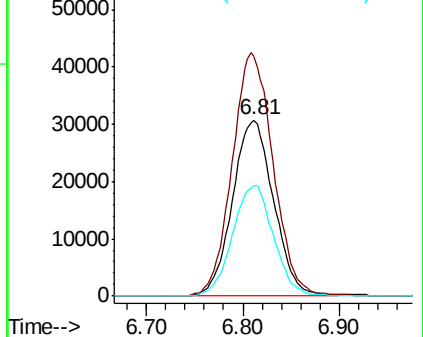


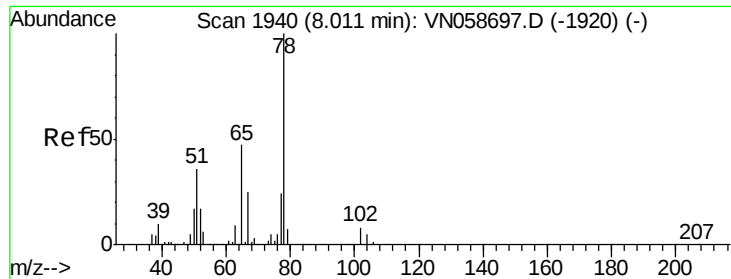
#27
cis-1,2-Dichloroethene
Concen: 18.730 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN058761.D
Acq: 14 Oct 2019 19:52

Tgt Ion: 96 Resp: 90658
Ion Ratio Lower Upper
96 100
61 137.6 0.0 324.8
98 62.5 0.0 129.2



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





#33

1,2-Dichloroethane-d4

Concen: 55.072 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058761.D

Acq: 14 Oct 2019 19:52

Instrument :

MSVOA_N

ClientSampleId :

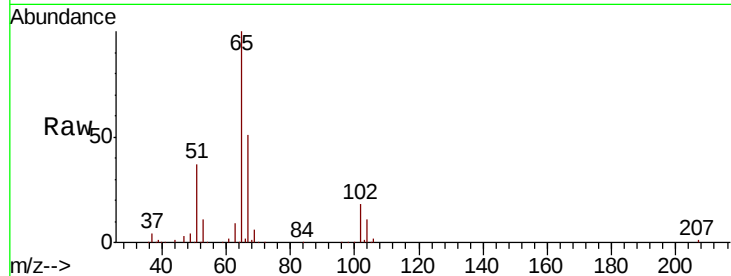
IDW-GAC2-191010

Tot Ion: 65 Resp: 297909

Ion Ratio Lower Upper

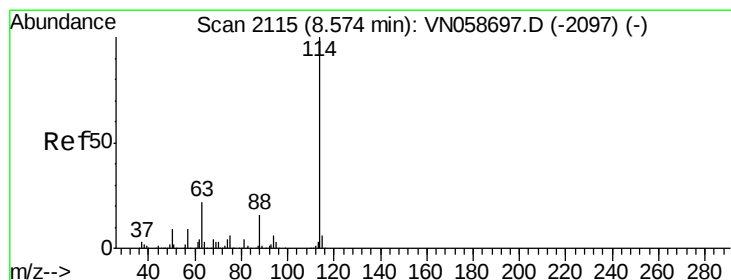
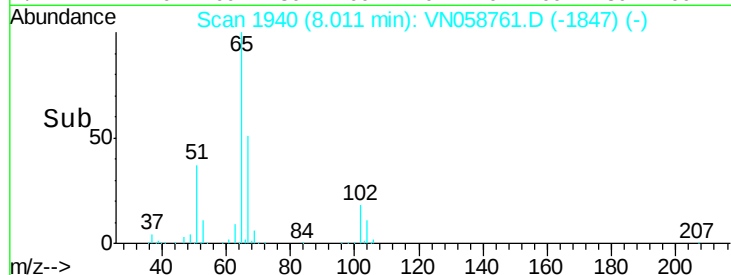
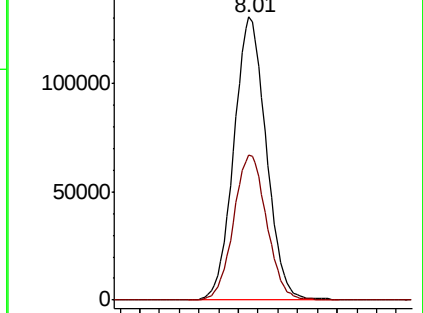
65 100

67 52.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN058761.D (-1847) (-)

Ion 66.90 (66.60 to 67.60): VN058761.D (-1847) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058761.D

Acq: 14 Oct 2019 19:52

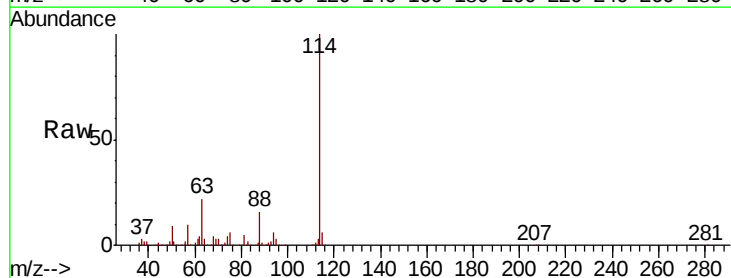
Tgt Ion: 114 Resp: 647345

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

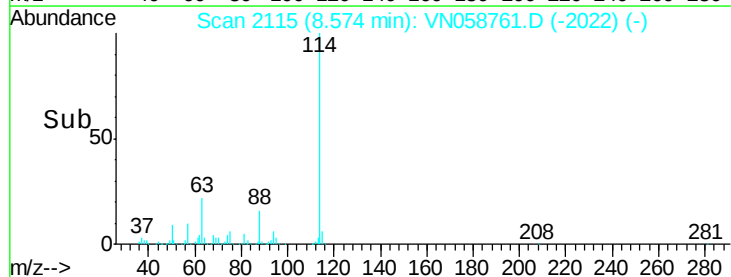
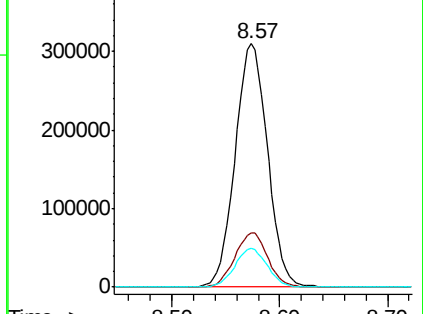
88 16.0 0.0 32.0

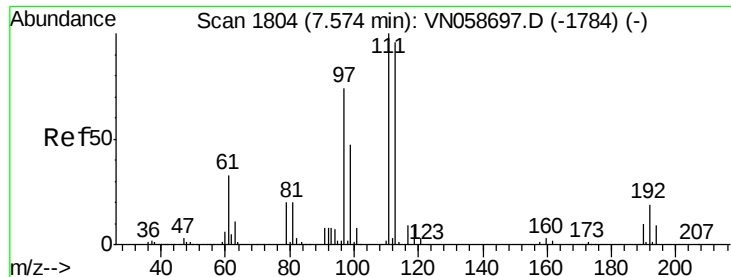


Abundance Ion 113.90 (113.60 to 114.60): VN058761.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN058761.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN058761.D (-2022) (-)





#35

Dibromofluoromethane

Concen: 52.645 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058761.D

Acq: 14 Oct 2019 19:52

Instrument :

MSVOA_N

ClientSampleId :

IDW-GAC2-191010

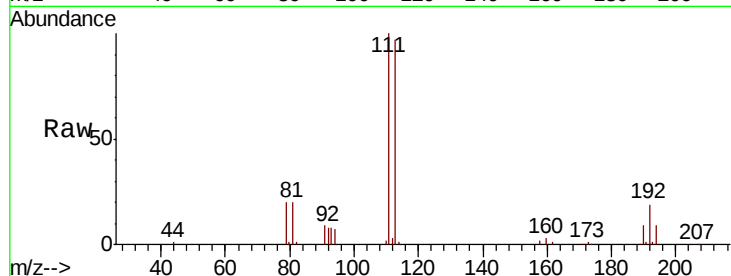
Tot Ion:113 Resp: 210502

Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

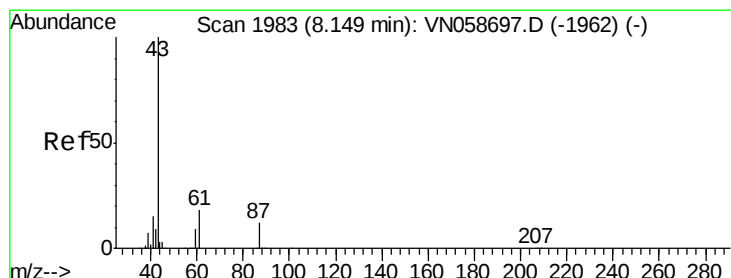
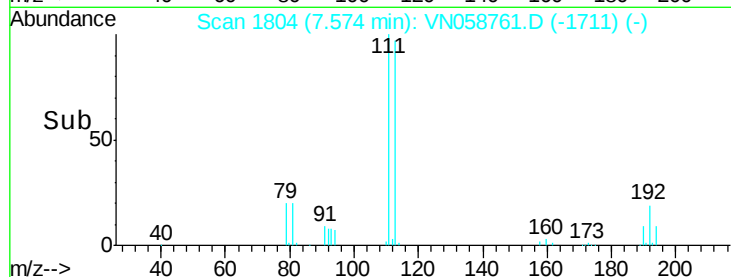
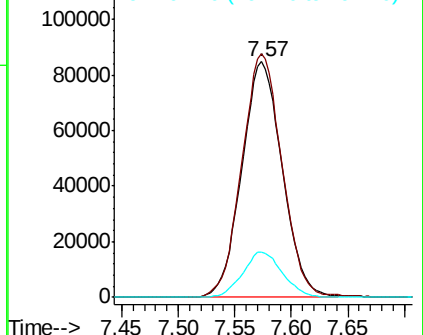
192 19.1 15.0 22.6



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: 1.598 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058761.D

Acq: 14 Oct 2019 19:52

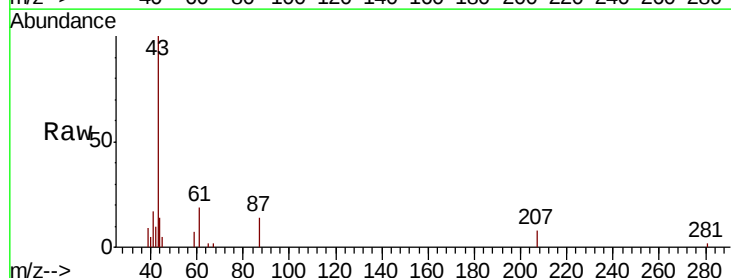
Tgt Ion: 43 Resp: 18021

Ion Ratio Lower Upper

43 100

61 19.0 20.3 30.5#

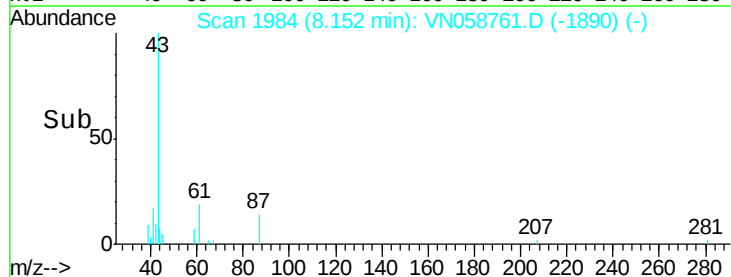
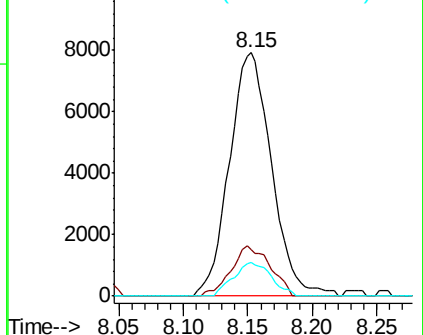
87 12.4 9.8 14.6

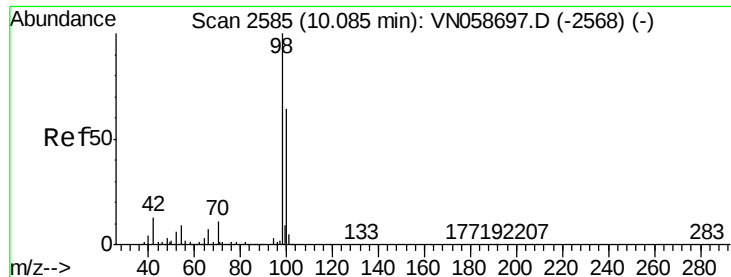


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.918 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058761.D

Acq: 14 Oct 2019 19:52

Instrument :

MSVOA_N

ClientSampleId :

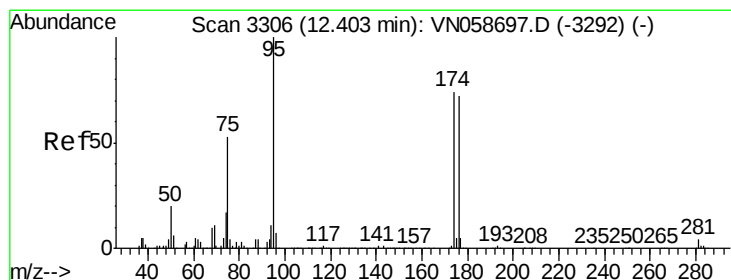
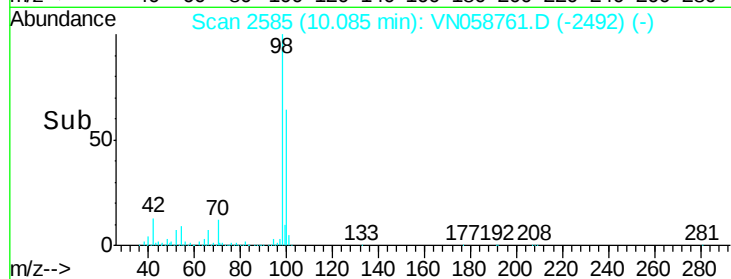
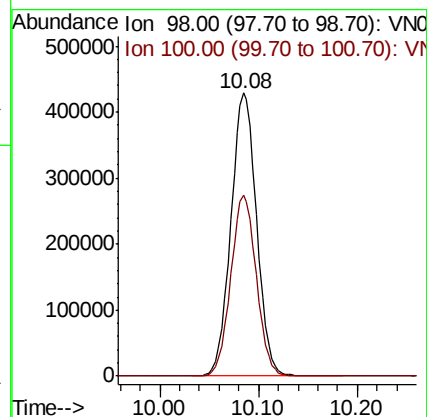
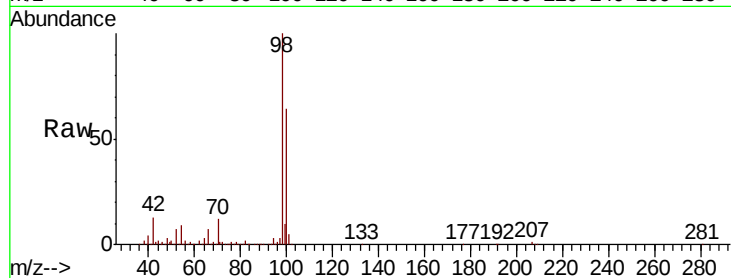
IDW-GAC2-191010

Tot Ion: 98 Resp: 782169

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 42.989 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN058761.D

Acq: 14 Oct 2019 19:52

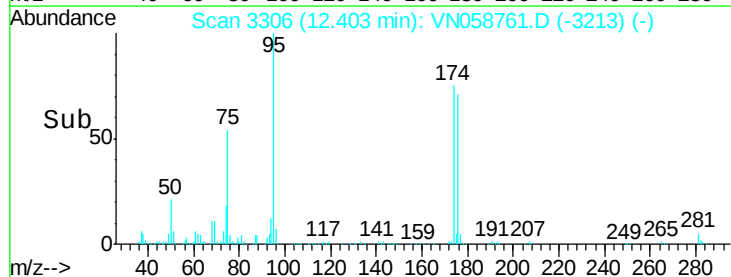
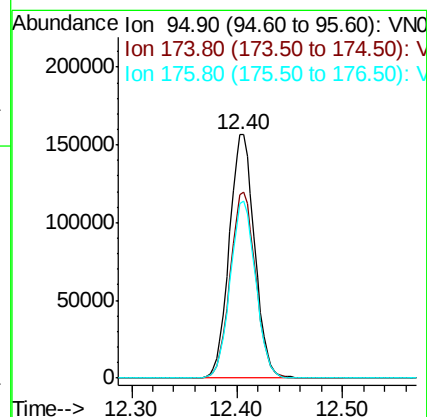
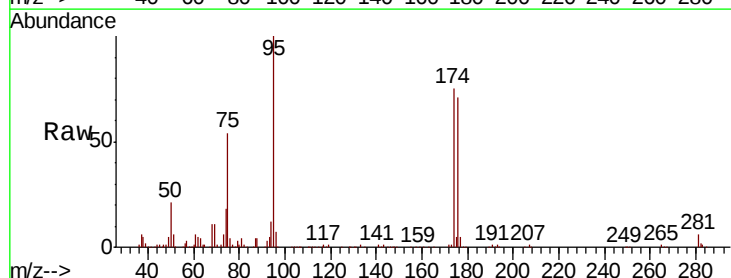
Tgt Ion: 95 Resp: 260191

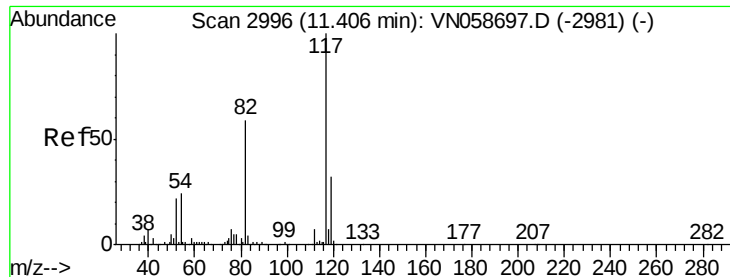
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.4

176 72.9 0.0 146.8

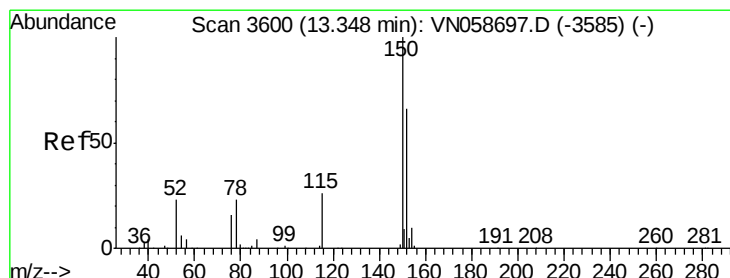
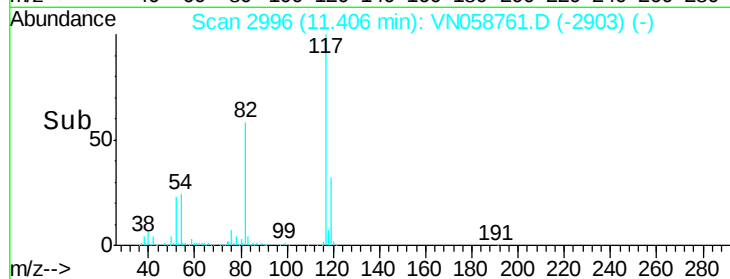
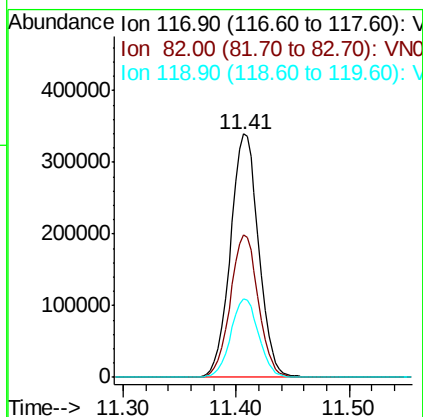
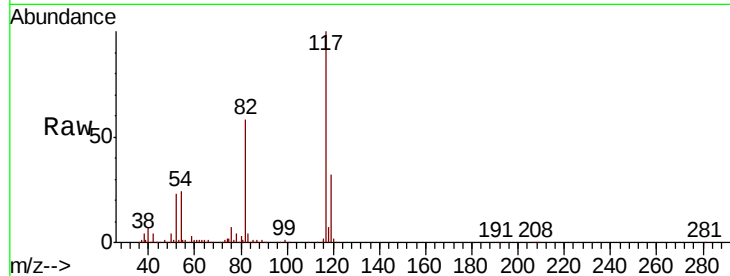




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058761.D
Acq: 14 Oct 2019 19:52

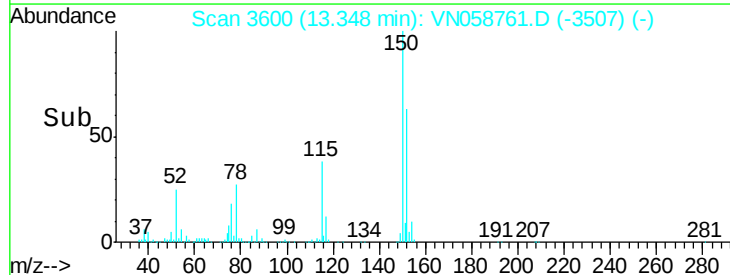
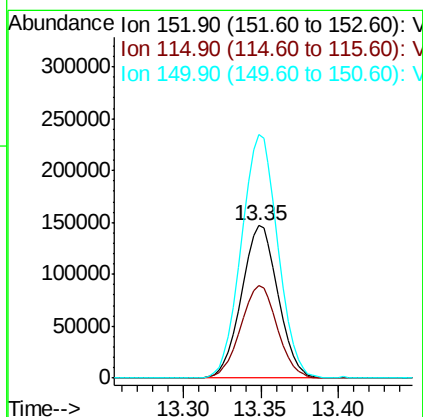
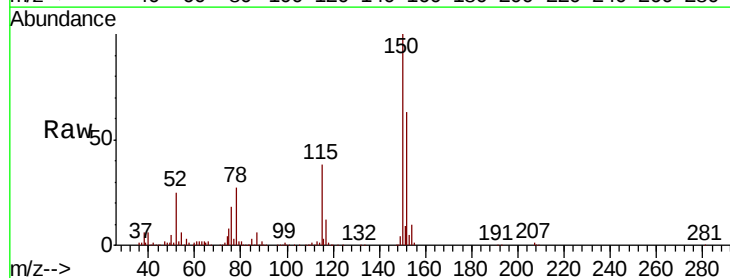
Instrument :
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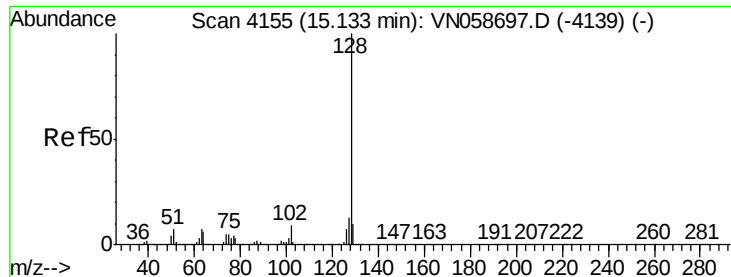
Tot Ion:117 Resp: 588058
Ion Ratio Lower Upper
117 100
82 58.3 47.0 70.4
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058761.D
Acq: 14 Oct 2019 19:52

Tgt Ion:152 Resp: 241809
Ion Ratio Lower Upper
152 100
115 61.2 30.4 91.2
150 159.4 0.0 345.4

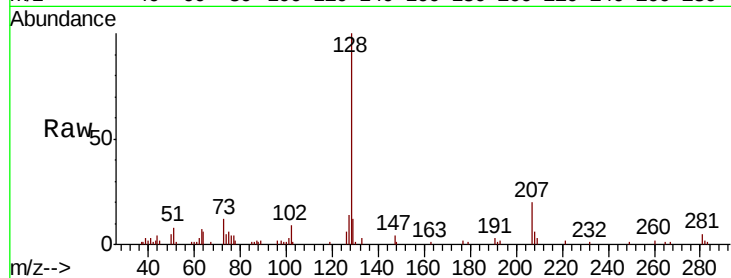




#95
 Naphthalene
 Concen: 3.500 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN058761.D
 Acq: 14 Oct 2019 19:52

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GAC2-191010

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.4
129	11.6	8.5	12.7



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

