

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
 Data File : VN057978.D
 Acq On : 12 Sep 2019 18:59
 Operator : JC/SP
 Sample : K4859-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW200-B4-091119

Quant Time: Sep 13 06:27:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	251576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	423051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	376161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	211483	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	296401	58.17	ug/l	0.00
Spiked Amount			Recovery	=	116.34%	
35) Dibromofluoromethane	7.58	113	87309	22.36	ug/l	0.00
Spiked Amount			Recovery	=	44.72%	
50) Toluene-d8	10.09	98	784112	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.41	95	269574	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	

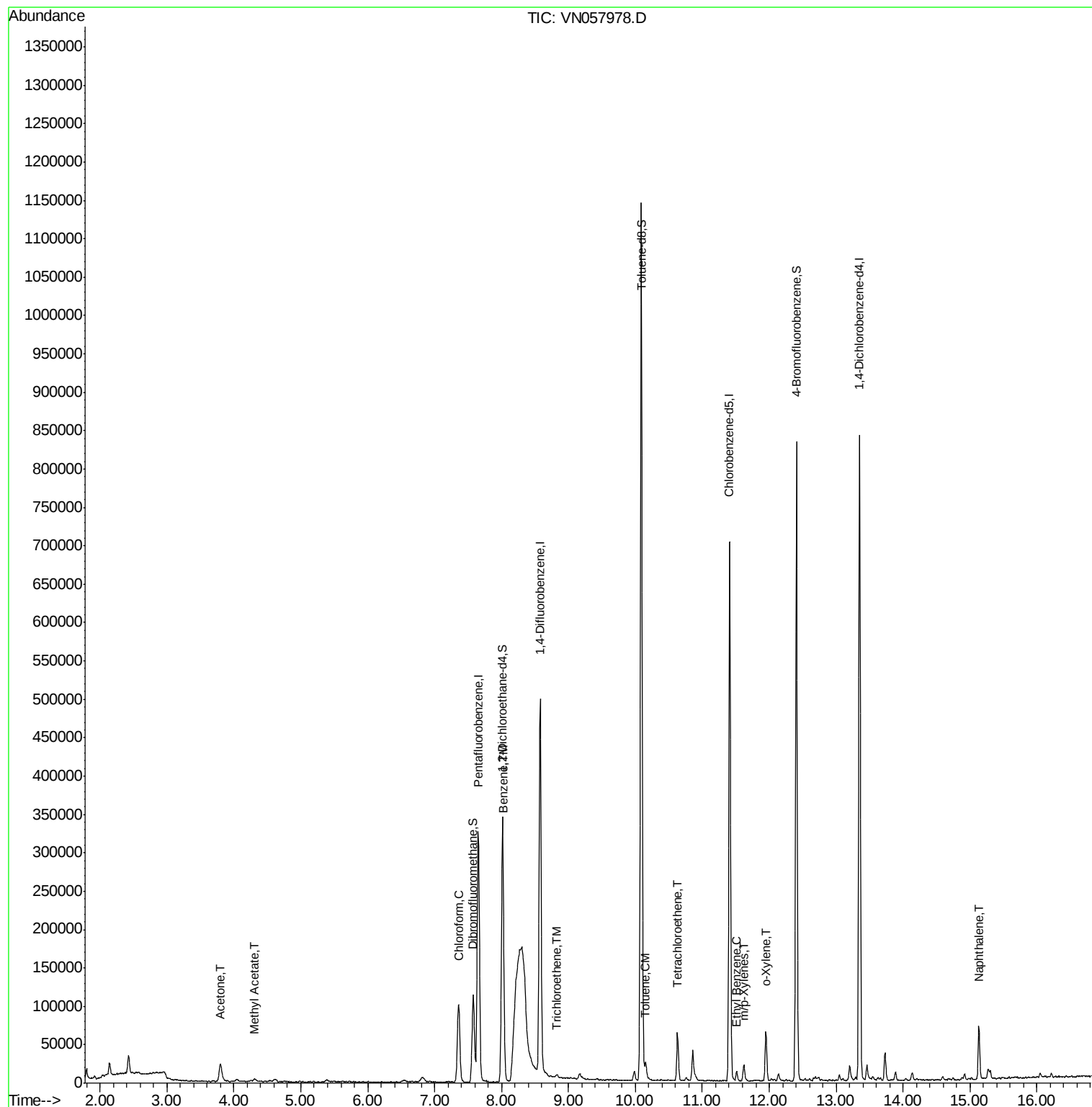
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	41028	24.562	ug/l	97
18) Methyl Acetate	4.31	43	5749	1.291	ug/l #	78
30) Chloroform	7.36	83	106458	15.153	ug/l	99
40) Benzene	8.03	78	5503	0.373	ug/l	98
44) Trichloroethene	8.83	130	1240	0.342	ug/l	81
52) Toluene	10.15	92	8456	0.909	ug/l	97
64) Tetrachloroethene	10.63	164	13419	4.832	ug/l	98
67) Ethyl Benzene	11.51	91	7852	0.455	ug/l #	77
68) m/p-Xylenes	11.62	106	6469	1.024	ug/l	92
69) o-Xylene	11.95	106	16475	2.622	ug/l	99
95) Naphthalene	15.13	128	53699	2.856	ug/l	99

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 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: VN057978.D

Acq: 12 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

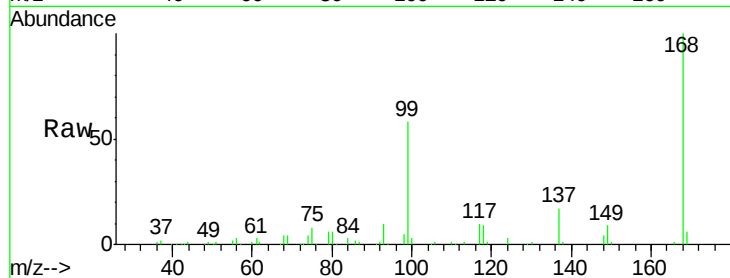
IDW-GW200-B4-091119

Tot Ion:168 Resp: 251576

Ion Ratio Lower Upper

168 100

99 58.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

120000

100000

80000

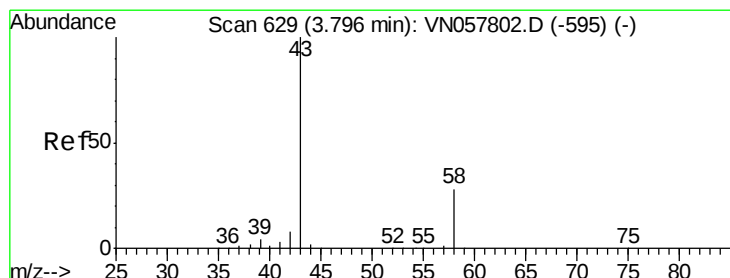
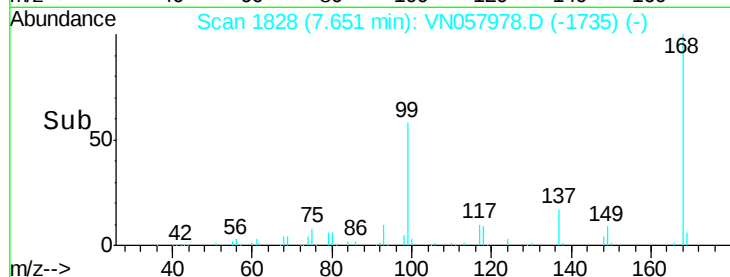
60000

40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 24.562 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057978.D

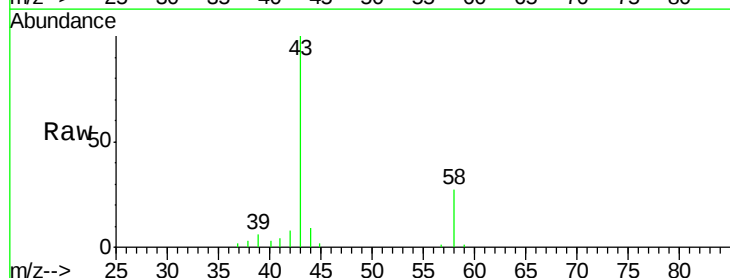
Acq: 12 Sep 2019 18:59

Tgt Ion: 43 Resp: 41028

Ion Ratio Lower Upper

43 100

58 25.9 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

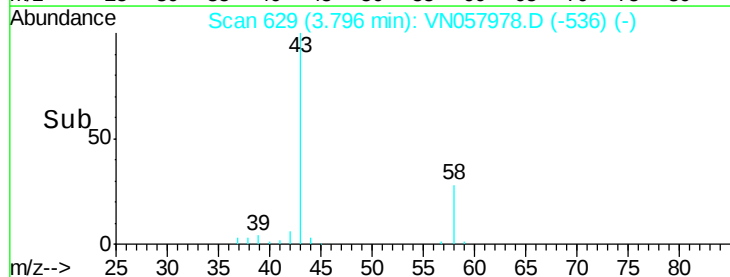
15000

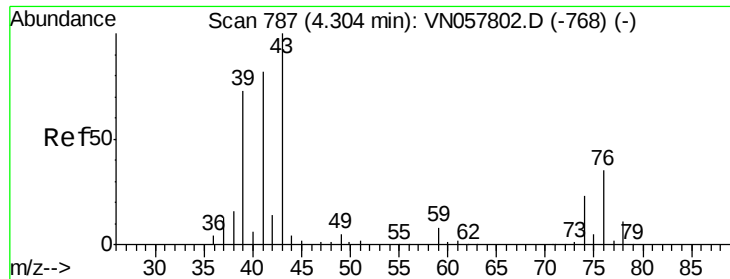
10000

5000

0

Time--> 3.70 3.80 3.90

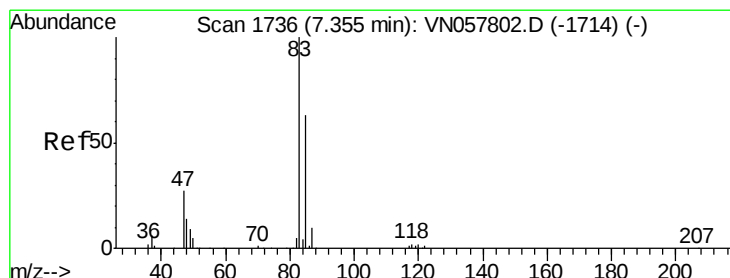
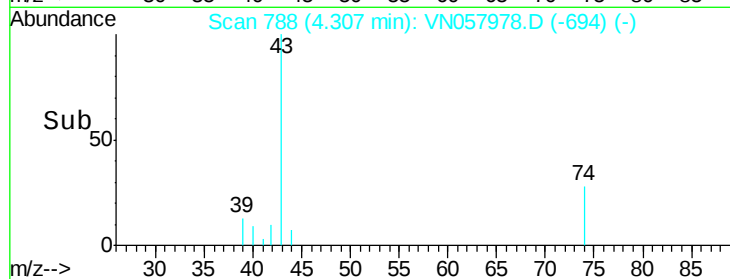
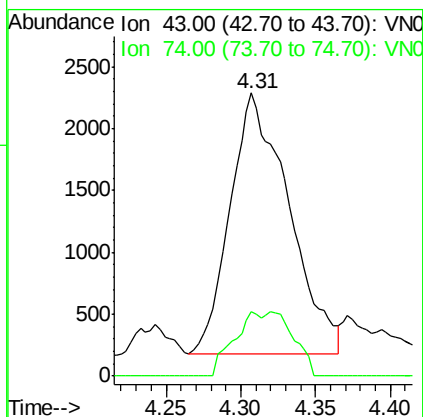
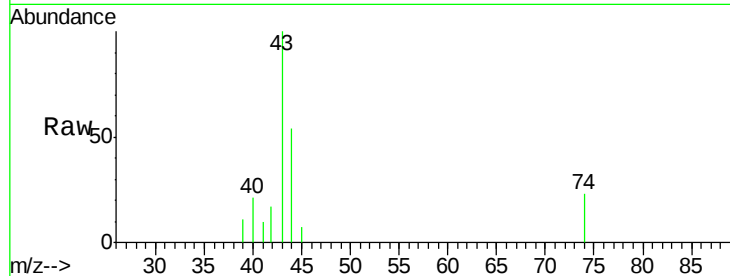




#18
Methvl Acetate
Concen: 1.291 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

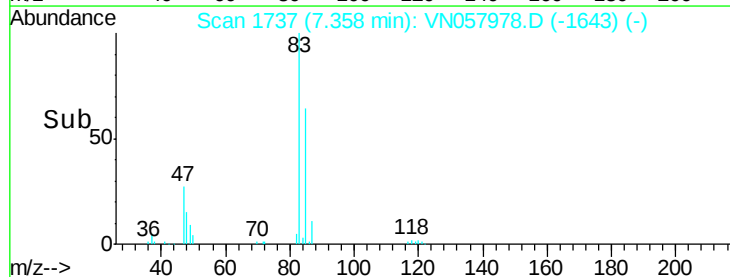
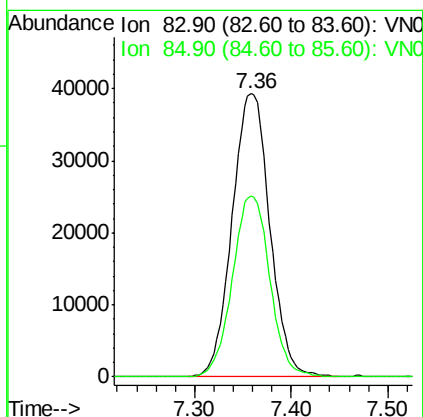
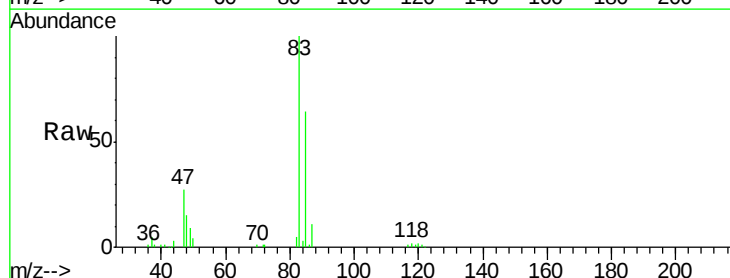
Instrument :
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IDW-GW200-B4-091119

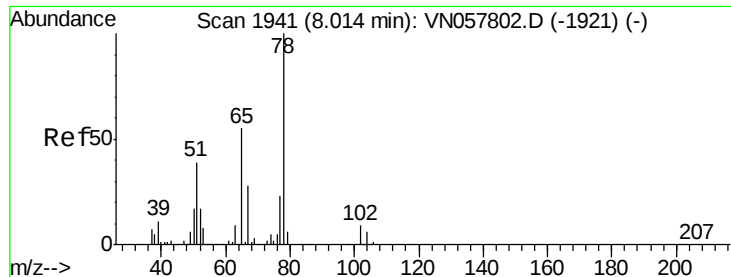
Tot Ion: 43 Resp: 5749
Ion Ratio Lower Upper
43 100
74 11.7 17.9 26.9#



#30
Chloroform
Concen: 15.153 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

Tgt Ion: 83 Resp: 106458
Ion Ratio Lower Upper
83 100
85 63.7 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 58.169 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

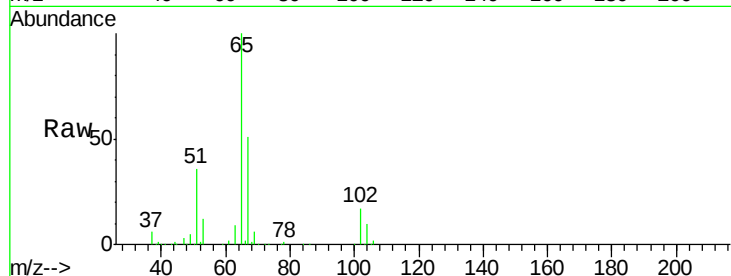
IDW-GW200-B4-091119

Tot Ion: 65 Resp: 296401

Ion Ratio Lower Upper

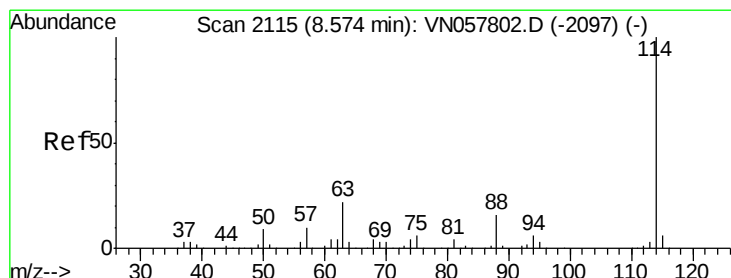
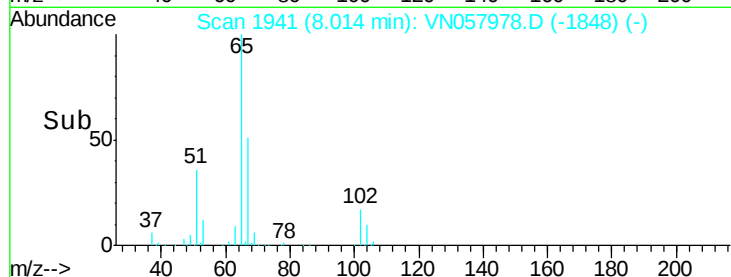
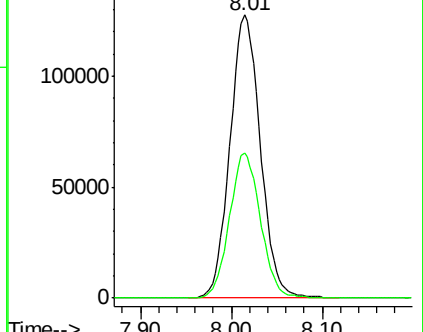
65 100

67 52.3 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057978.D (-1848) (-)

Ion 66.90 (66.60 to 67.60): VN057978.D (-1848) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

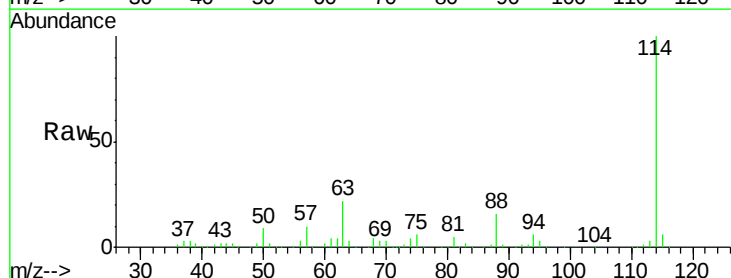
Tgt Ion: 114 Resp: 423051

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.0

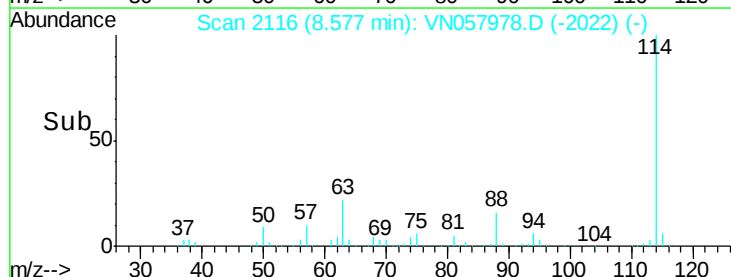
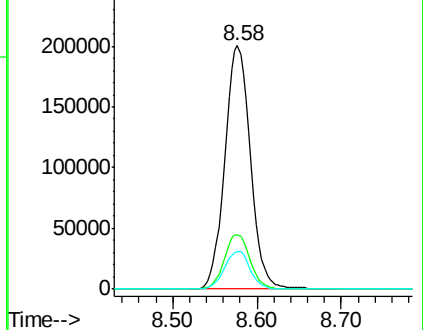
88 15.6 0.0 31.4

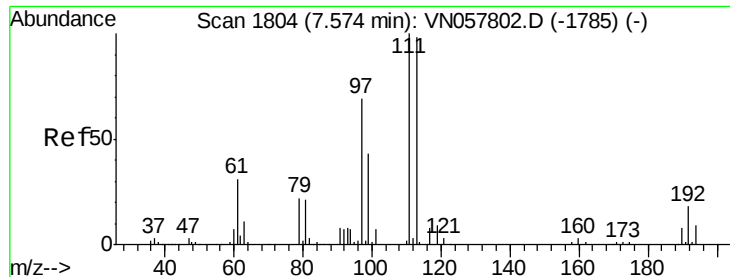


Abundance Ion 113.90 (113.60 to 114.60): VN057978.D (-2022) (-)

Ion 63.00 (62.70 to 63.70): VN057978.D (-2022) (-)

Ion 87.90 (87.60 to 88.60): VN057978.D (-2022) (-)

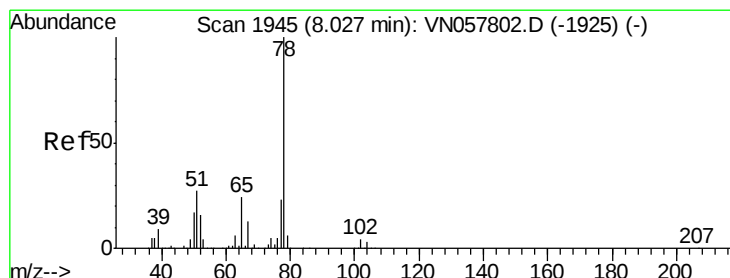
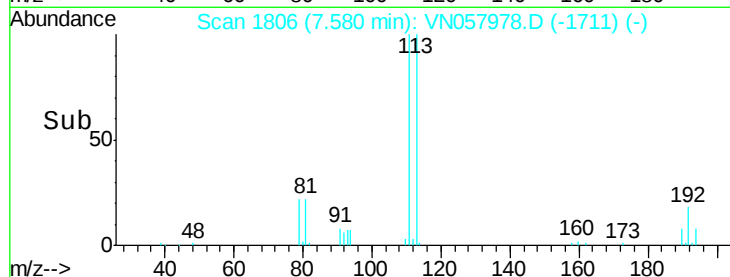
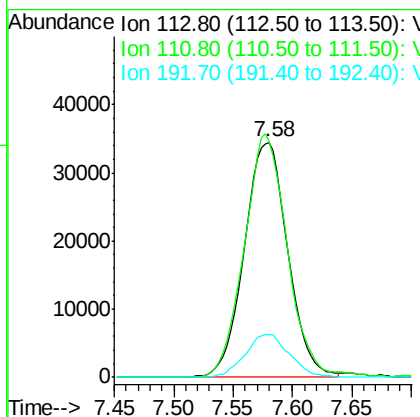
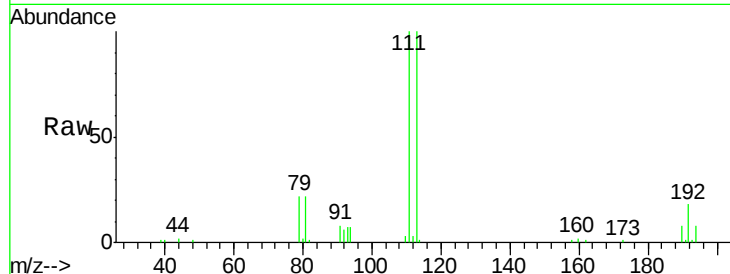




#35
 Dibromofluoromethane
 Concen: 22.361 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

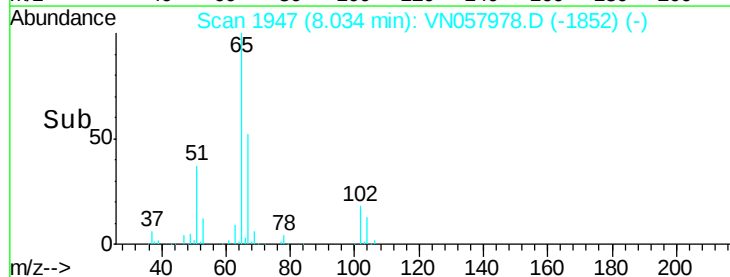
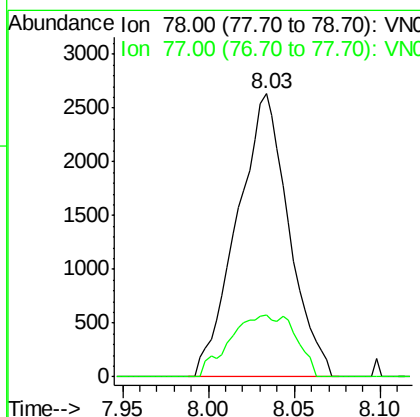
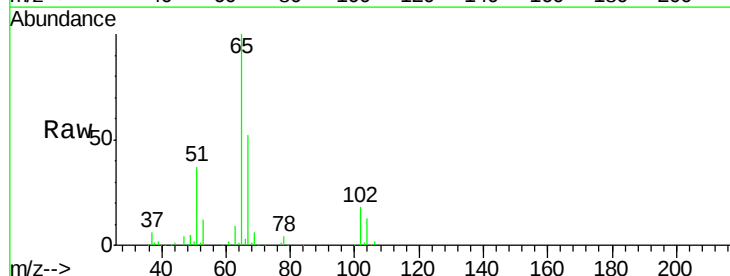
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW200-B4-091119

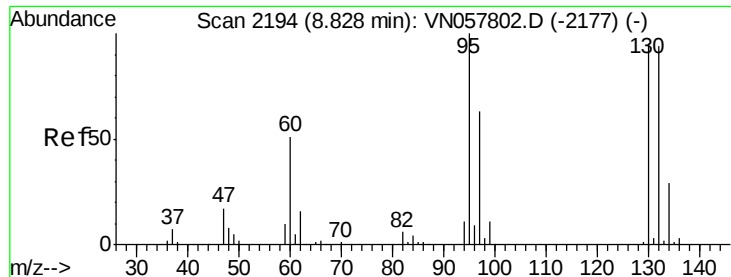
Tot Ion:113 Resp: 87309
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.3 121.9
 192 18.4 14.6 22.0



#40
 Benzene
 Concen: 0.373 ug/l
 RT: 8.03 min Scan# 1947
 Delta R.T. 0.01 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

Tgt Ion: 78 Resp: 5503
 Ion Ratio Lower Upper
 78 100
 77 22.0 18.3 27.5

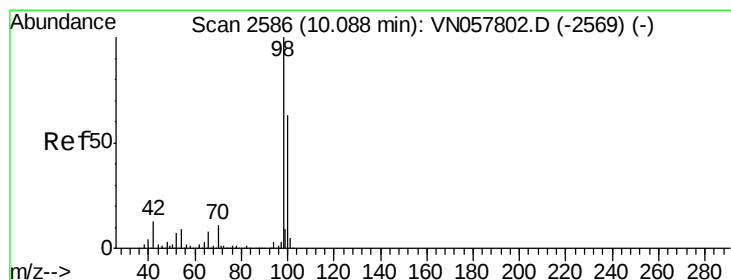
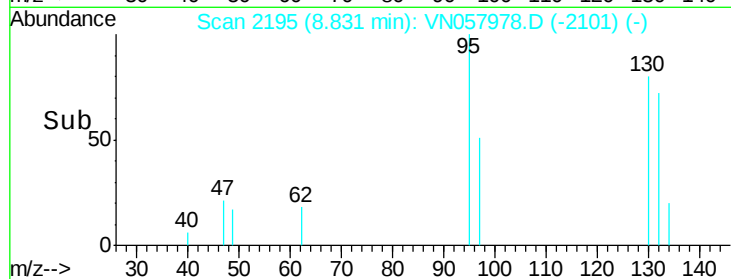
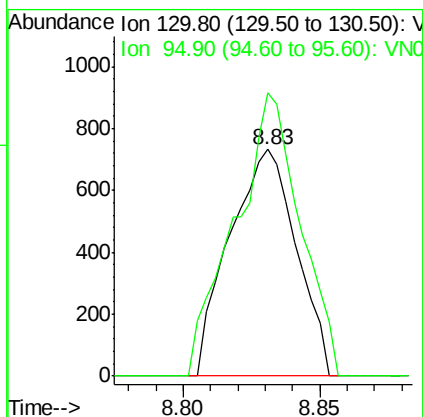
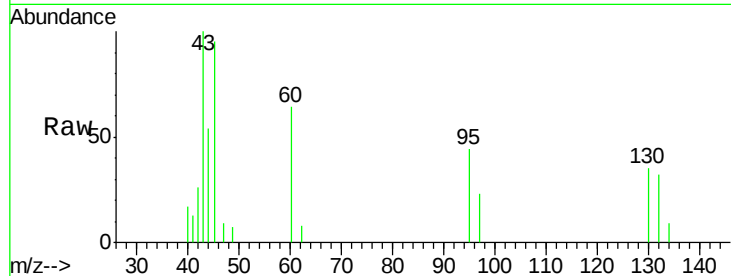




#44
 Trichloroethene
 Concen: 0.342 ug/l
 RT: 8.83 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

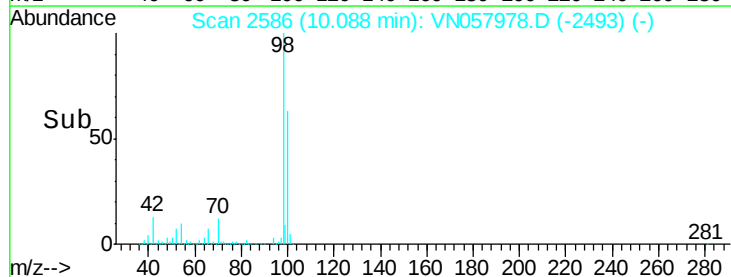
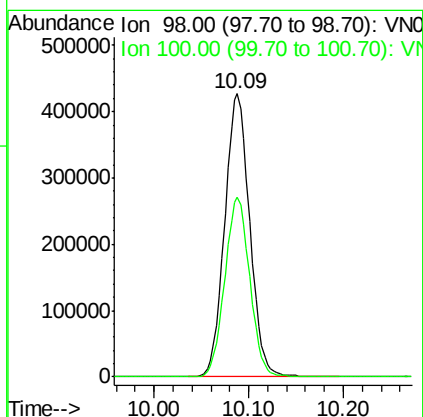
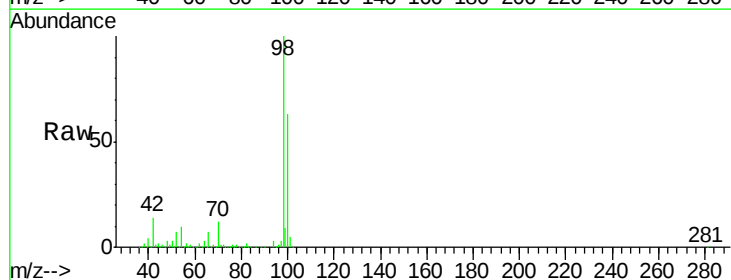
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW200-B4-091119

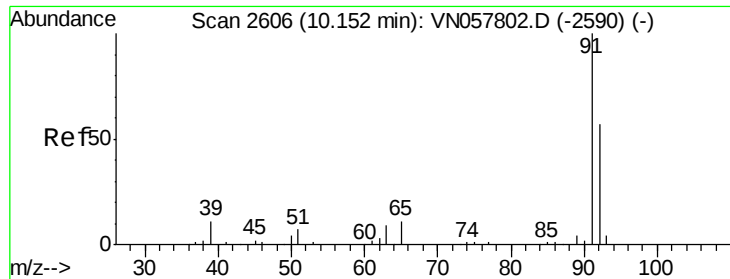
Tot Ion:130 Resp: 1240
 Ion Ratio Lower Upper
 130 100
 95 124.9 0.0 211.4



#50
 Toluene-d8
 Concen: 51.723 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN057978.D
 Acq: 12 Sep 2019 18:59

Tgt Ion: 98 Resp: 784112
 Ion Ratio Lower Upper
 98 100
 100 63.4 50.3 75.5





#52

Toluene

Concen: 0.909 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

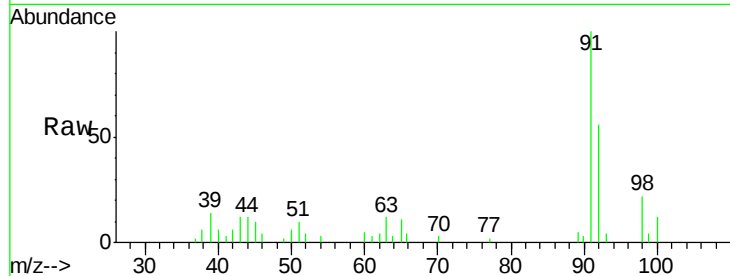
IDW-GW200-B4-091119

Tot Ion: 92 Resp: 8456

Ion Ratio Lower Upper

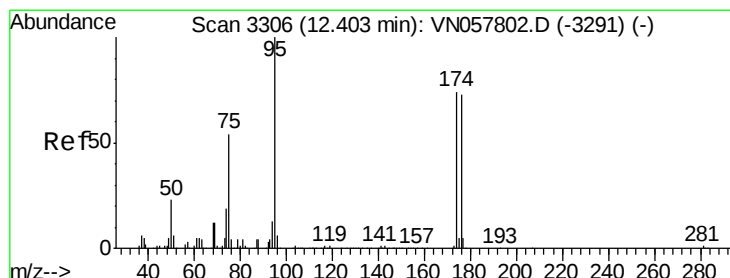
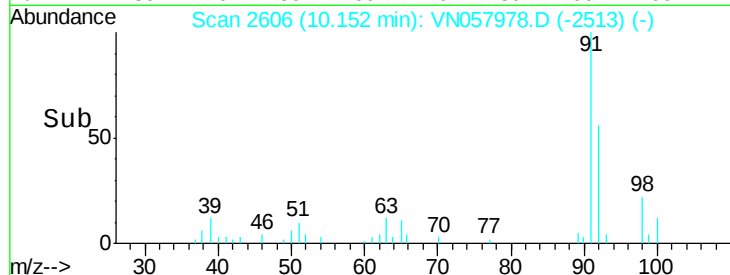
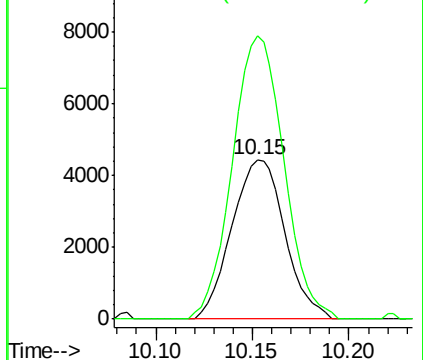
92 100

91 172.5 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 46.662 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

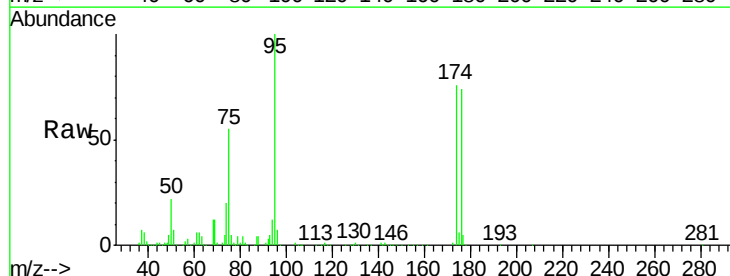
Tgt Ion: 95 Resp: 269574

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

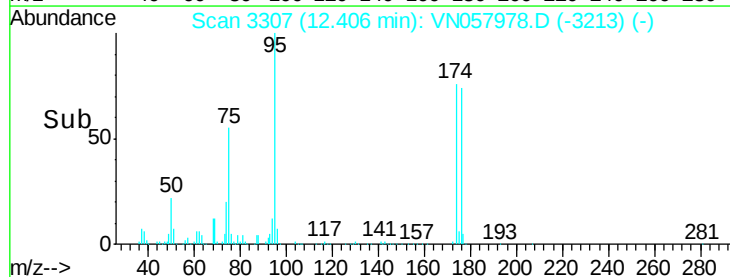
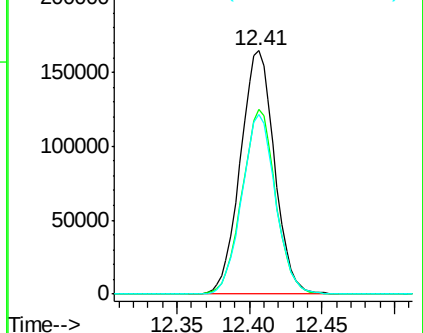
176 73.1 0.0 146.0

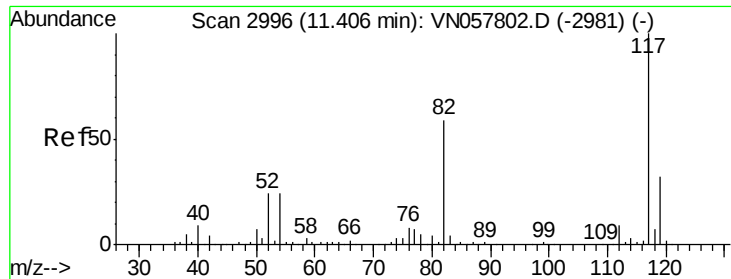


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

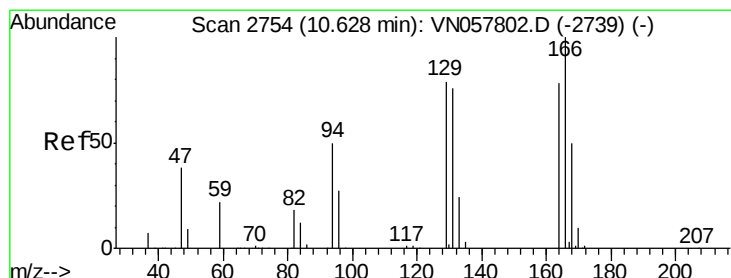
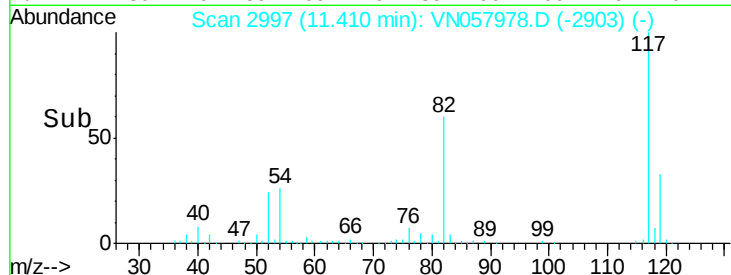
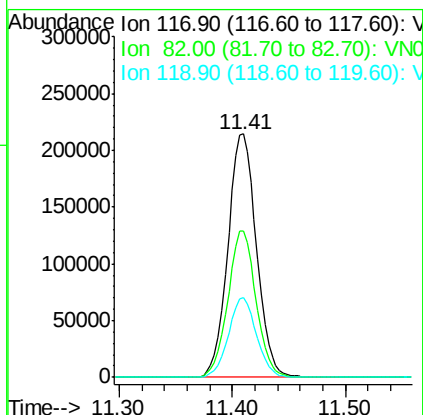
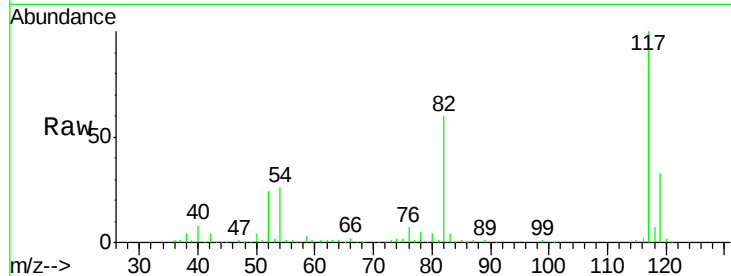




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

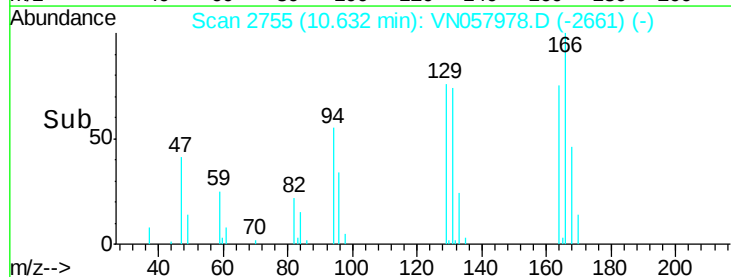
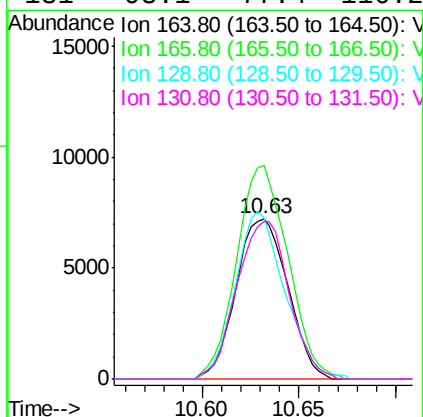
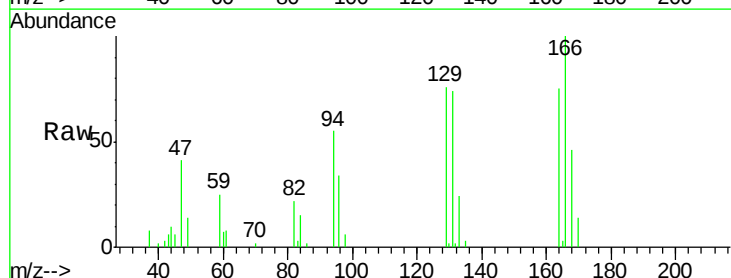
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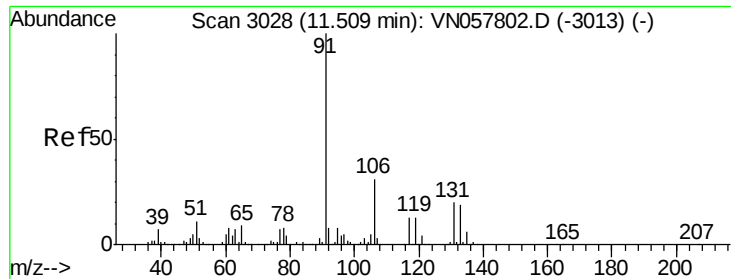
Tot Ion:117 Resp: 376161
Ion Ratio Lower Upper
117 100
82 60.2 47.2 70.8
119 32.6 25.3 37.9



#64
Tetrachloroethene
Concen: 4.832 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

Tgt Ion:164 Resp: 13419
Ion Ratio Lower Upper
164 100
166 133.0 102.2 153.2
129 100.6 80.8 121.2
131 98.1 77.4 116.2





#67

Ethyl Benzene

Concen: 0.455 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

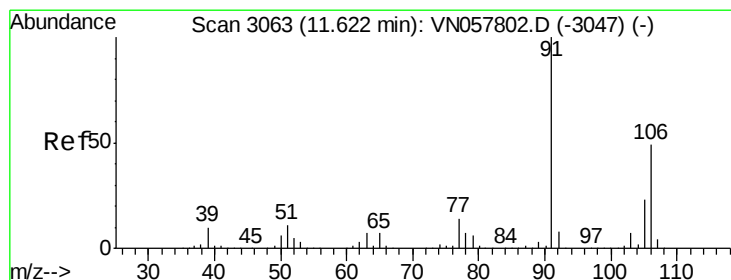
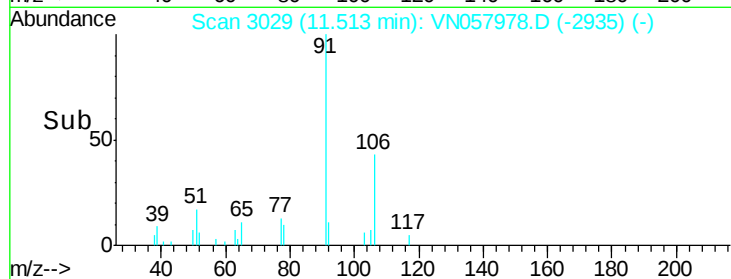
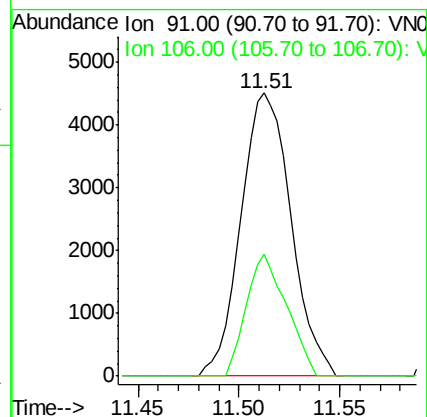
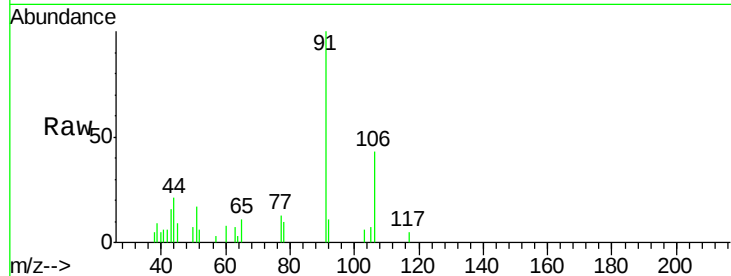
IDW-GW200-B4-091119

Tot Ion: 91 Resp: 7852

Ion Ratio Lower Upper

91 100

106 43.2 24.4 36.6#



#68

m/p-Xylenes

Concen: 1.024 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN057978.D

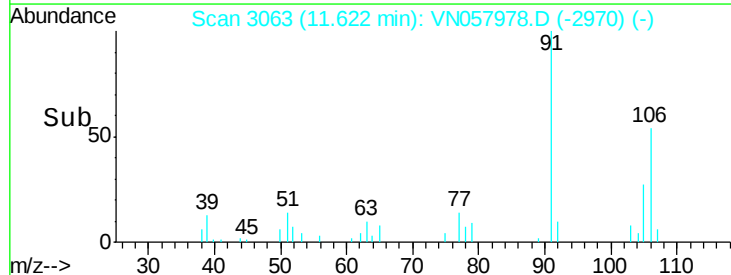
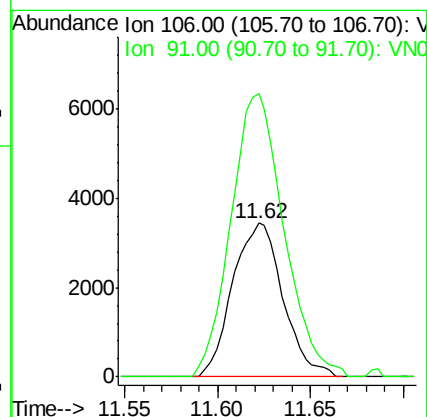
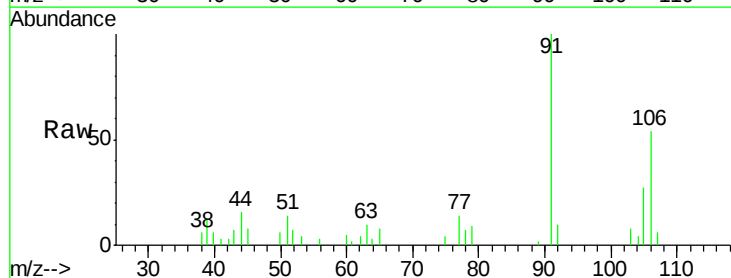
Acq: 12 Sep 2019 18:59

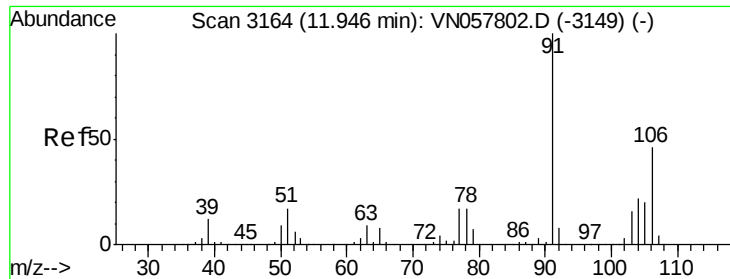
Tgt Ion: 106 Resp: 6469

Ion Ratio Lower Upper

106 100

91 194.4 165.8 248.6

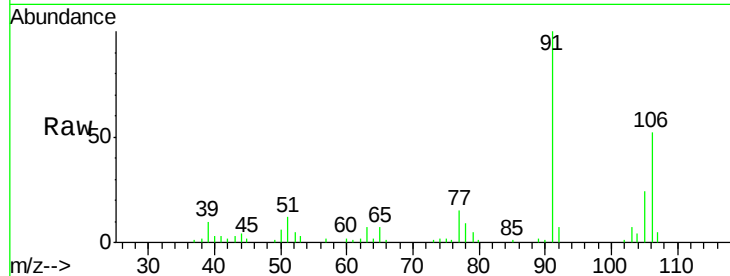




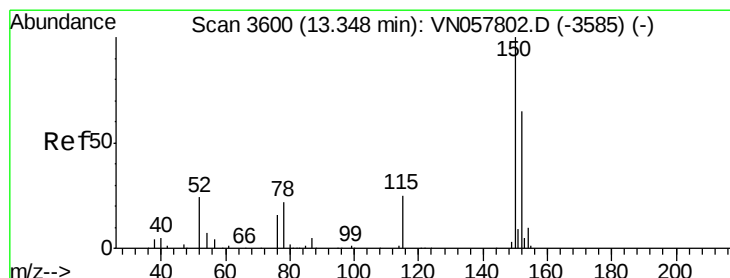
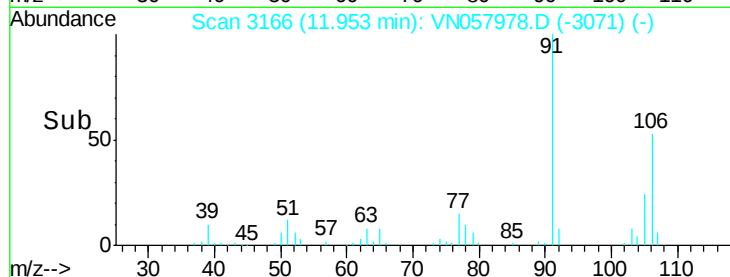
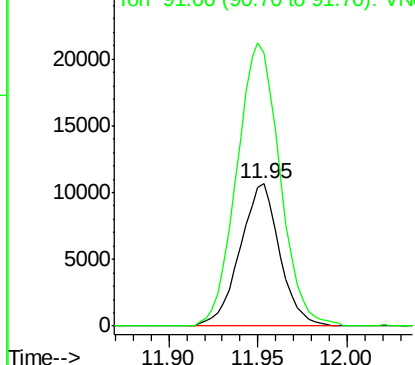
#69
o-Xylene
Concen: 2.622 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.01 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200-B4-091119

Tot Ion:106 Resp: 16475
Ion Ratio Lower Upper
106 100
91 216.4 108.7 326.1

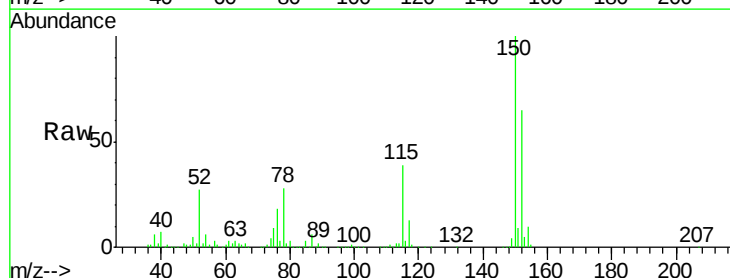


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

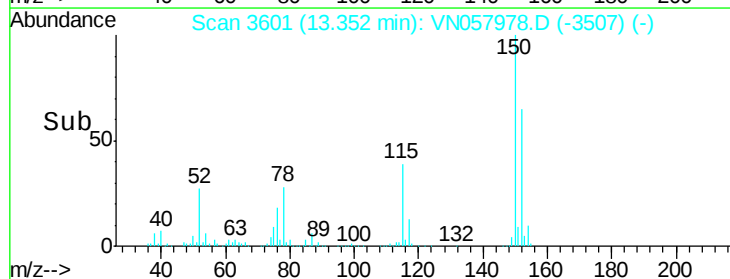
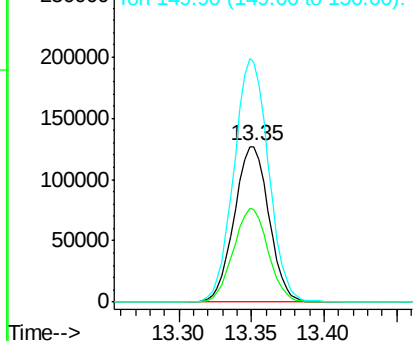


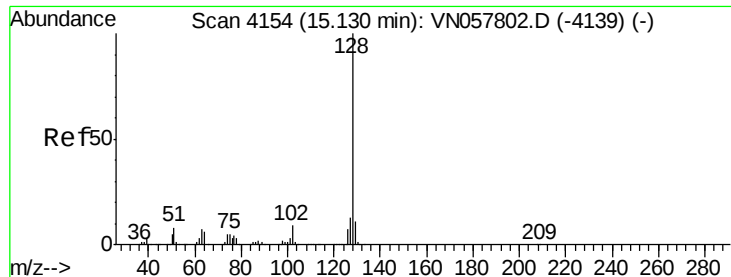
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN057978.D
Acq: 12 Sep 2019 18:59

Tgt Ion:152 Resp: 211483
Ion Ratio Lower Upper
152 100
115 60.1 30.3 91.0
150 156.4 0.0 352.4



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





#95

Naphthalene

Concen: 2.856 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057978.D

Acq: 12 Sep 2019 18:59

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW200-B4-091119

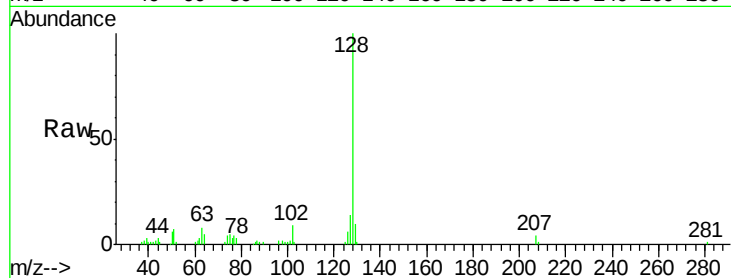
Tot Ion:128 Resp: 53699

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.6 8.6 12.8



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

