

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058023.D
 Acq On : 13 Sep 2019 17:55
 Operator : JC/SP
 Sample : K4859-05RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW800-091119RE

Quant Time: Sep 14 04:25:53 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	294564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	495176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	441882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	236868	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	328467	55.06	ug/l	0.00
Spiked Amount			Recovery	=	110.12%	
35) Dibromofluoromethane	7.64	113	354	0.08	ug/l	0.07
Spiked Amount			Recovery	=	0.16%	
50) Toluene-d8	10.09	98	881279	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.41	95	292838	43.31	ug/l	0.00
Spiked Amount			Recovery	=	86.62%	

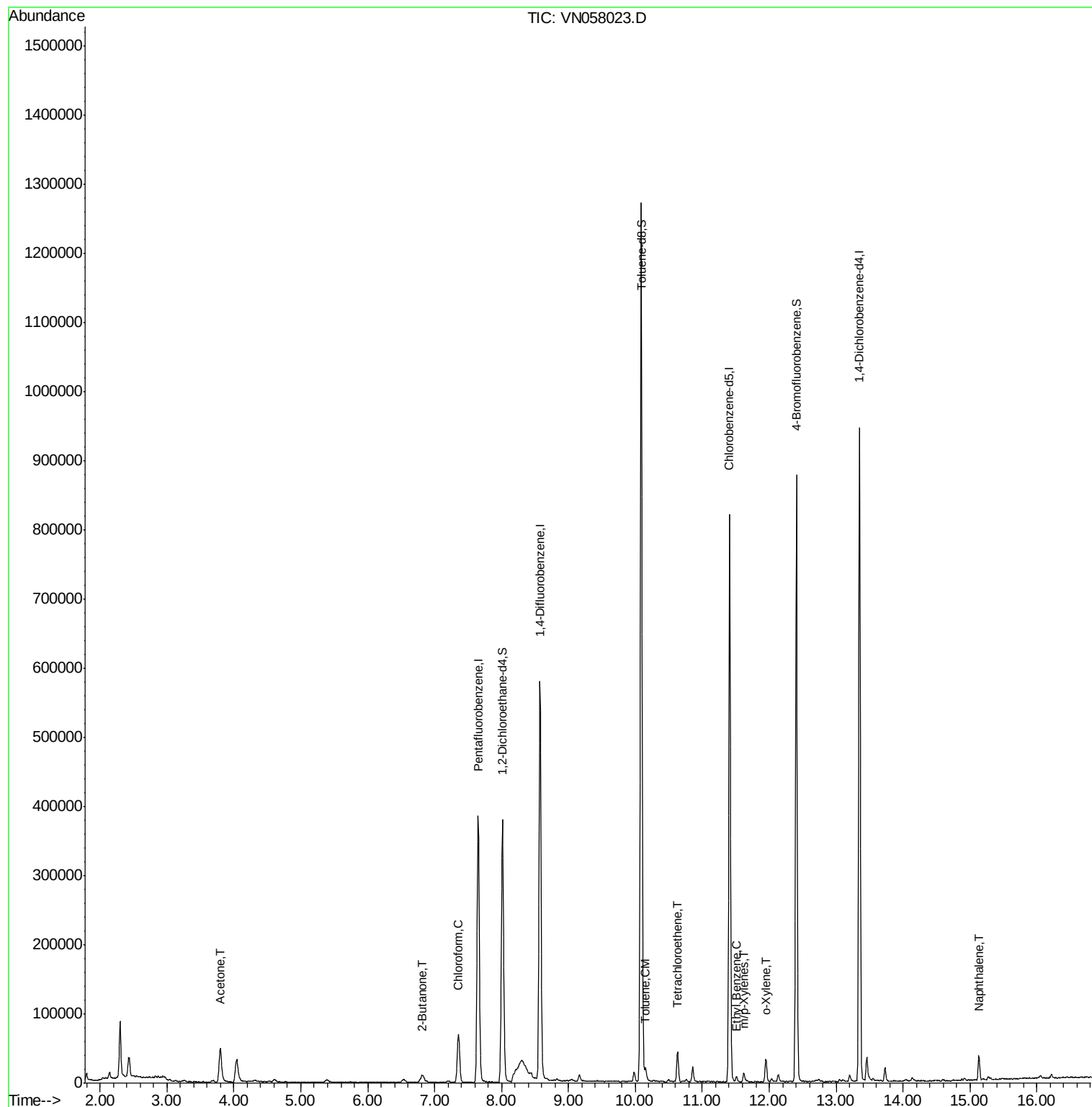
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	84732	43.323	ug/l	99
25) 2-Butanone	6.83	43	10761	3.801	ug/l	98
30) Chloroform	7.36	83	69130	8.404	ug/l	98
52) Toluene	10.16	92	5946	0.546	ug/l	97
64) Tetrachloroethene	10.63	164	8772	2.689	ug/l #	82
67) Ethyl Benzene	11.52	91	5696	0.281	ug/l	95
68) m/p-Xylenes	11.62	106	3526	0.475	ug/l	83
69) o-Xylene	11.95	106	9089	1.232	ug/l	99
95) Naphthalene	15.13	128	26558	0.355	ug/l	99

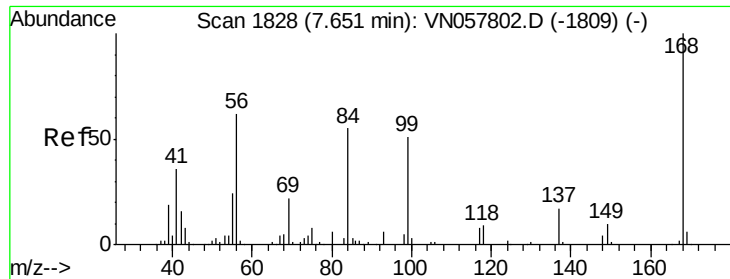
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091419\
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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: VN058023.D

Acq: 13 Sep 2019 17:55

Instrument :

MSVOA_N

ClientSampleId :

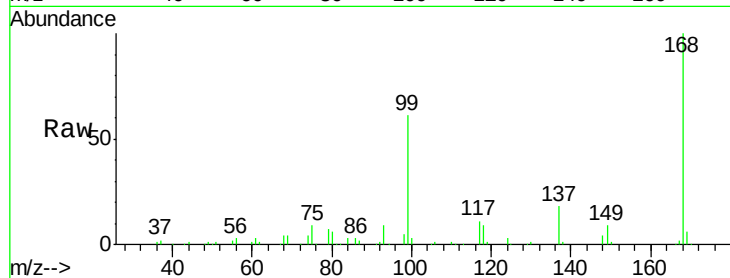
IDW-GW800-091119RE

Tot Ion:168 Resp: 294564

Ion Ratio Lower Upper

168 100

99 61.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

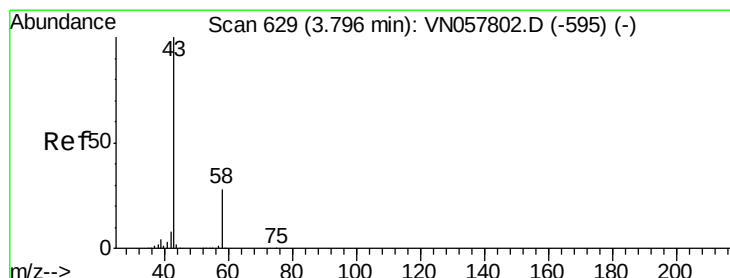
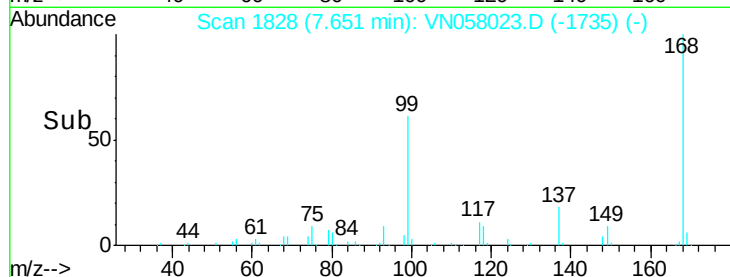
100000

50000

0

Time-->

7.60 7.70



#16

Acetone

Concen: 43.323 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058023.D

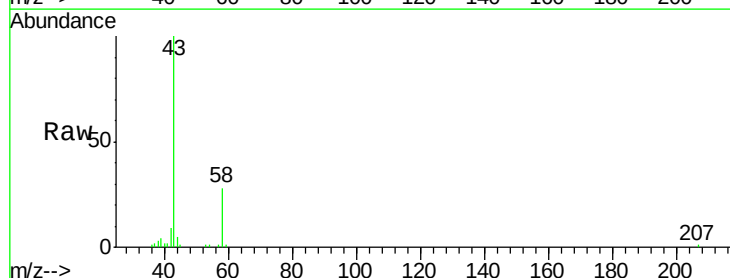
Acq: 13 Sep 2019 17:55

Tgt Ion: 43 Resp: 84732

Ion Ratio Lower Upper

43 100

58 28.1 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

30000

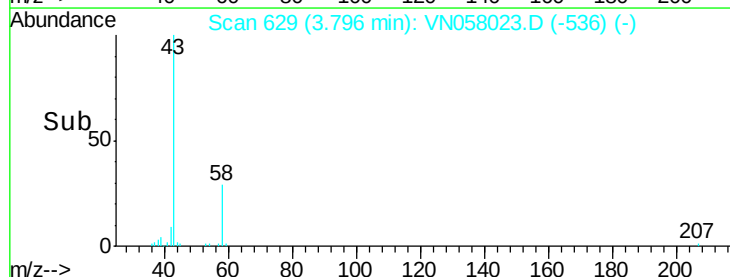
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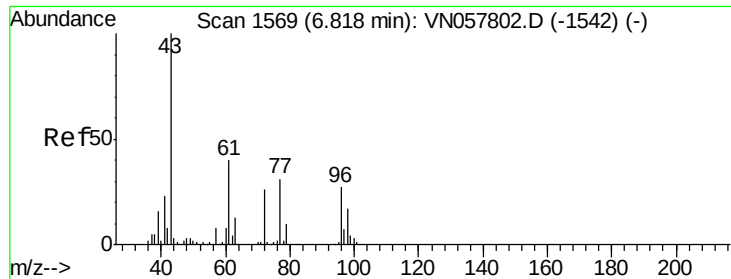
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0

Time-->

3.70 3.80 3.90

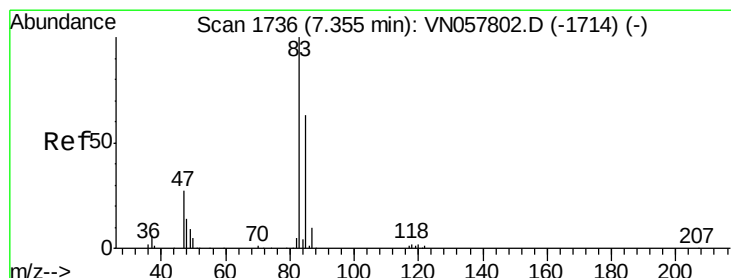
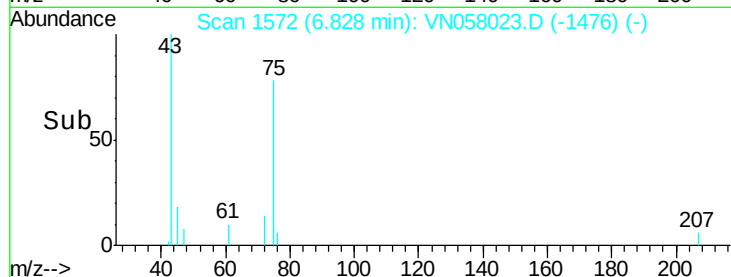
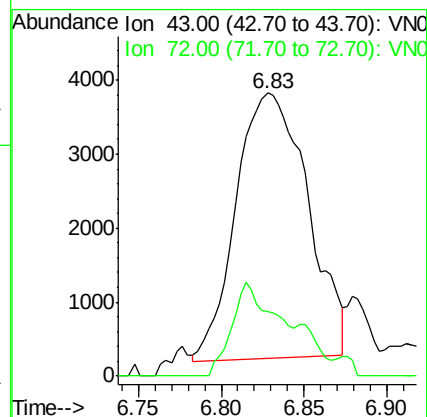
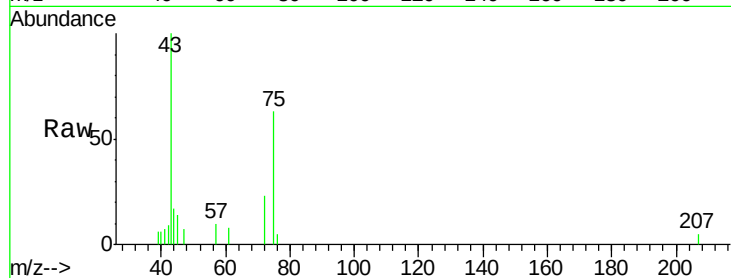




#25
2-Butanone
Concen: 3.801 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN058023.D
Acq: 13 Sep 2019 17:55

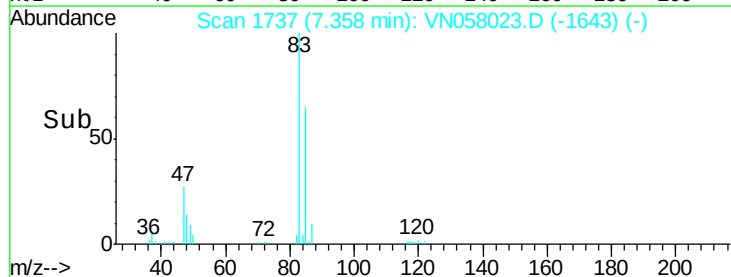
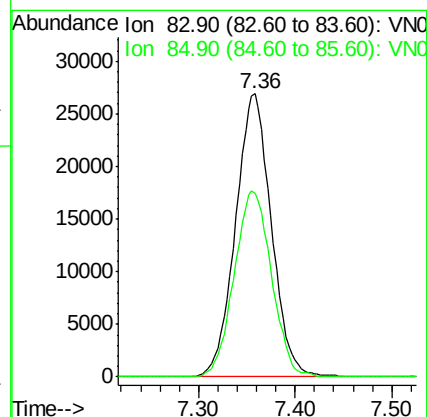
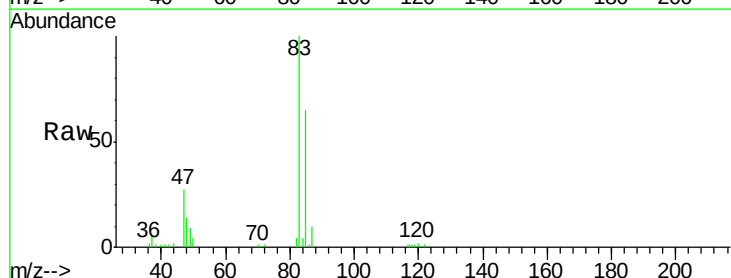
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW800-091119RE

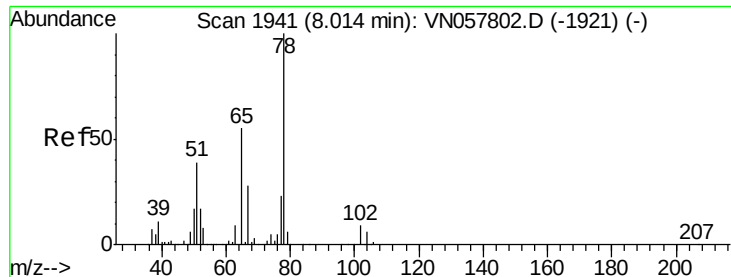
Tot Ion: 43 Resp: 10761
Ion Ratio Lower Upper
43 100
72 24.6 20.6 30.8



#30
Chloroform
Concen: 8.404 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN058023.D
Acq: 13 Sep 2019 17:55

Tgt Ion: 83 Resp: 69130
Ion Ratio Lower Upper
83 100
85 64.8 50.6 75.8

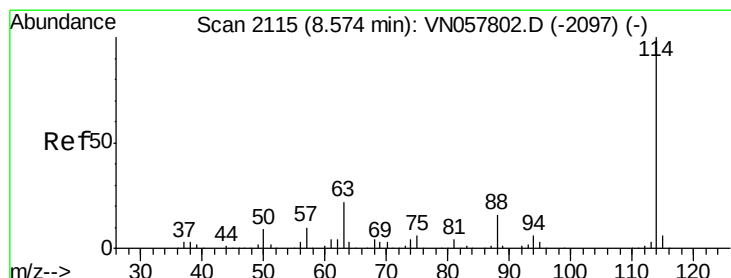
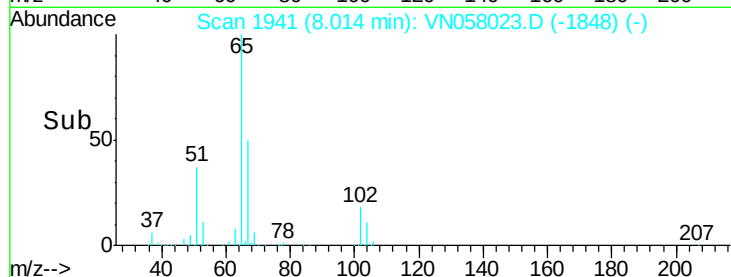
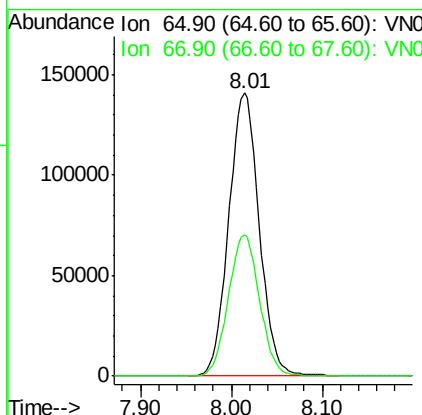
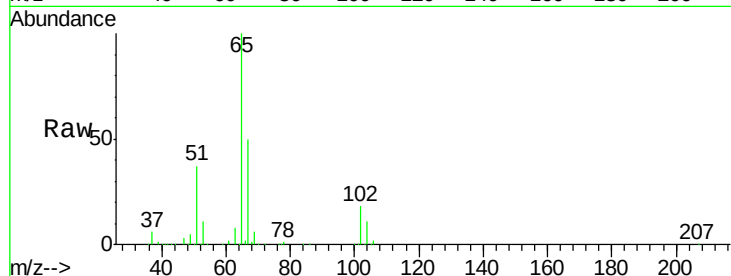




#33
 1,2-Dichloroethane-d4
 Concen: 55.055 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058023.D
 Acq: 13 Sep 2019 17:55

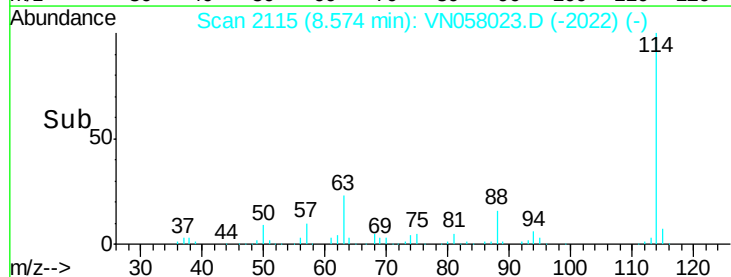
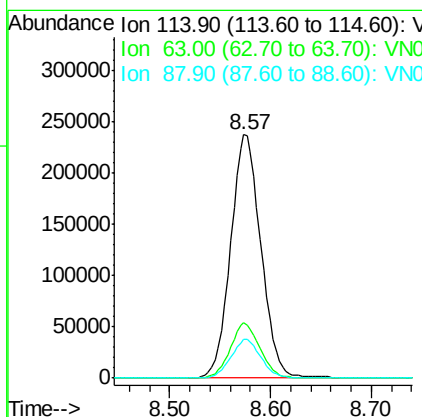
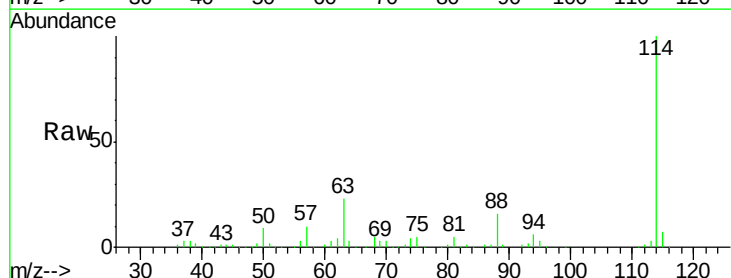
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW800-091119RE

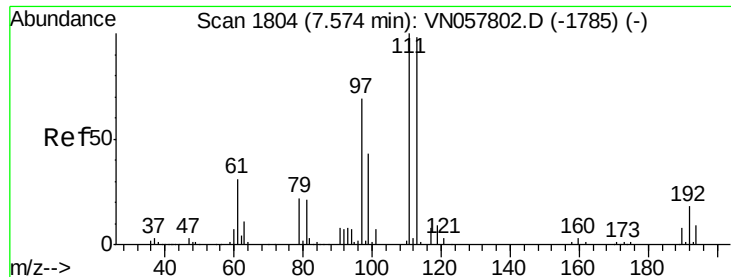
Tot Ion: 65 Resp: 328467
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058023.D
 Acq: 13 Sep 2019 17:55

Tgt Ion: 114 Resp: 495176
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.0
 88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 0.077 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.07 min

Lab File: VN058023.D

Acq: 13 Sep 2019 17:55

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW800-091119RE

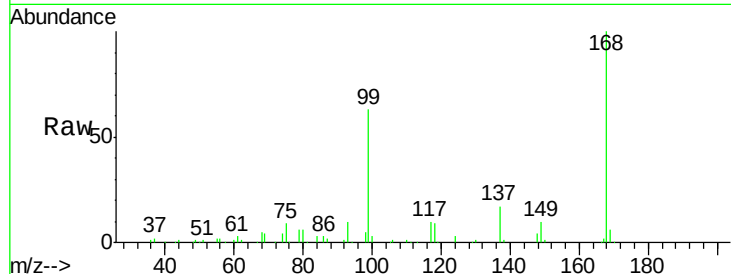
Tot Ion:113 Resp: 354

Ion Ratio Lower Upper

113 100

111 188.7 81.3 121.9#

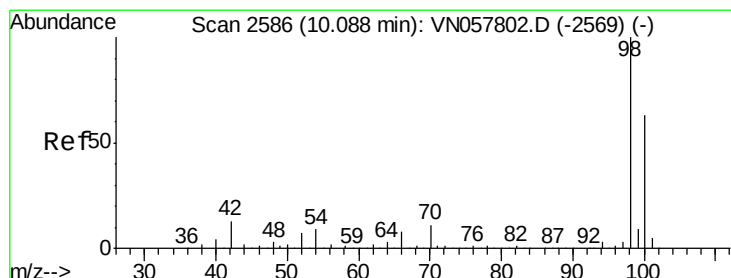
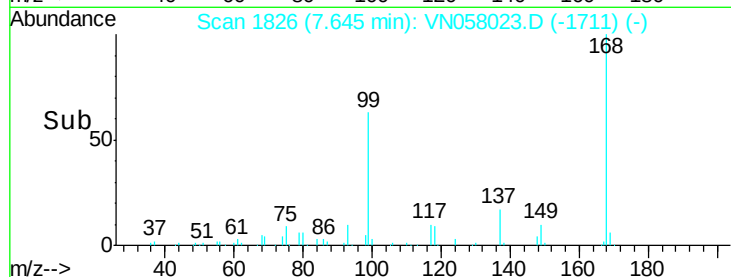
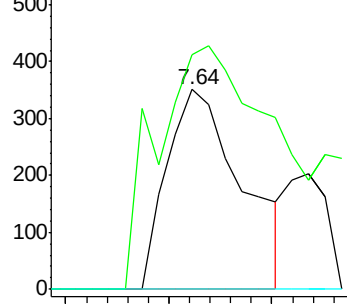
192 0.0 14.6 22.0#



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: 49.666 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058023.D

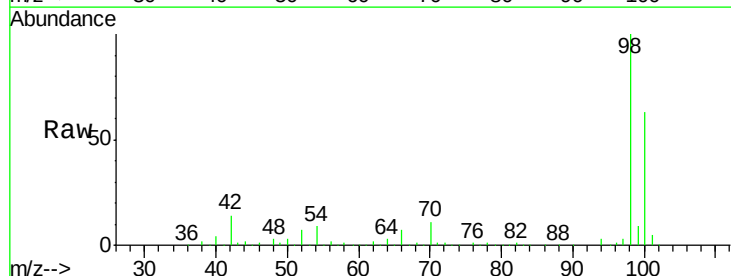
Acq: 13 Sep 2019 17:55

Tgt Ion: 98 Resp: 881279

Ion Ratio Lower Upper

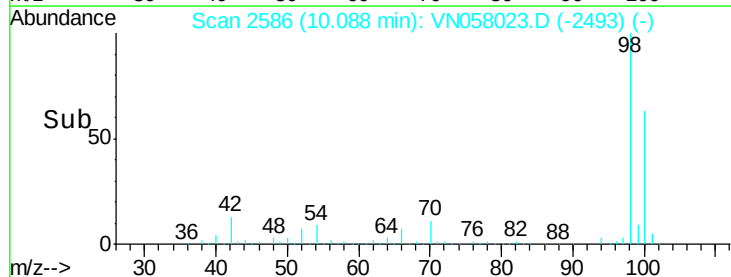
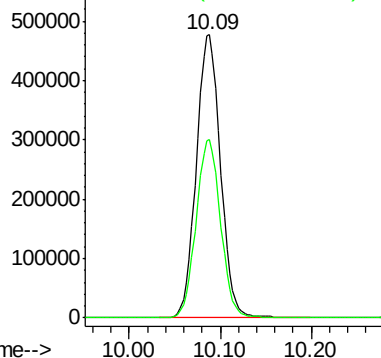
98 100

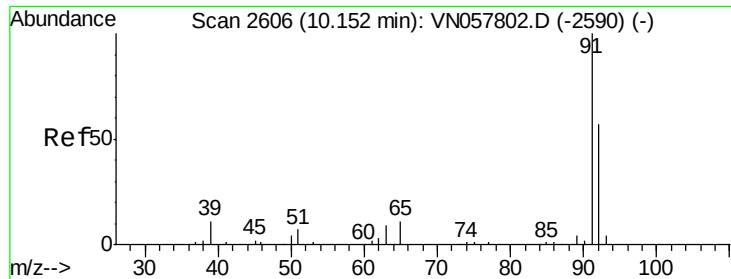
100 63.7 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 0.546 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN058023.D

Acq: 13 Sep 2019 17:55

Instrument :

MSVOA_N

ClientSampleId :

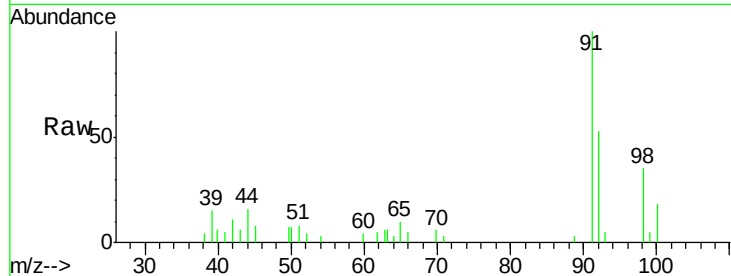
IDW-GW800-091119RE

Tot Ion: 92 Resp: 5946

Ion Ratio Lower Upper

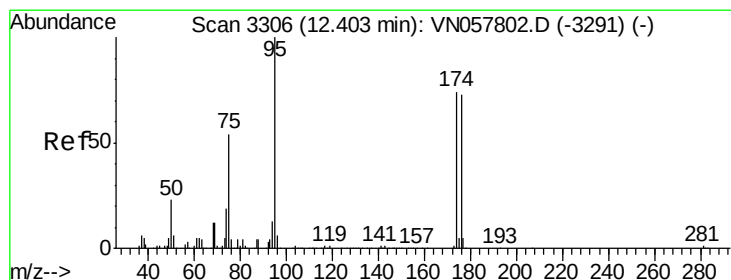
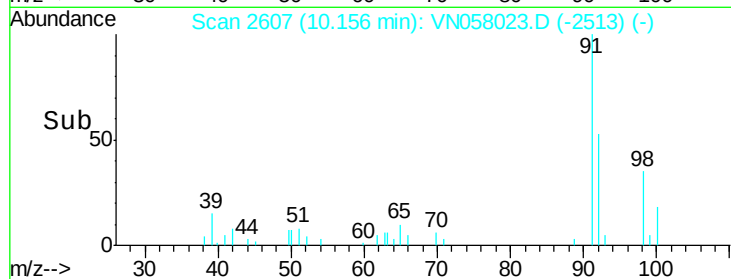
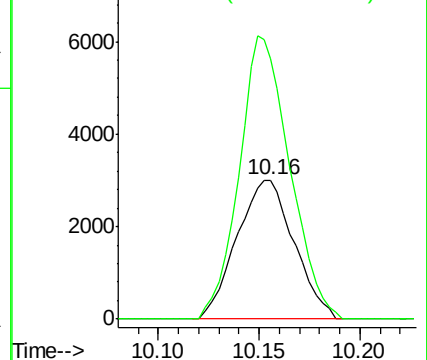
92 100

91 179.9 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 43.306 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058023.D

Acq: 13 Sep 2019 17:55

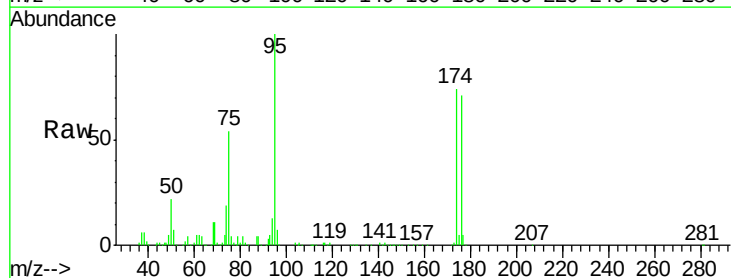
Tgt Ion: 95 Resp: 292838

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

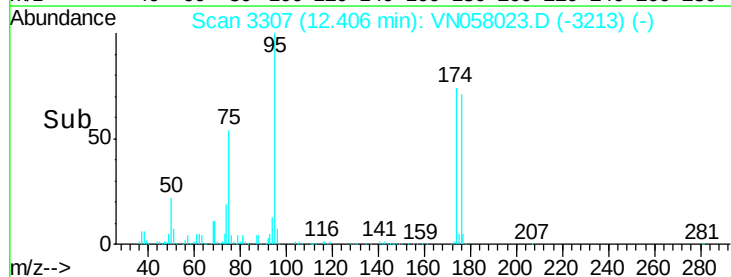
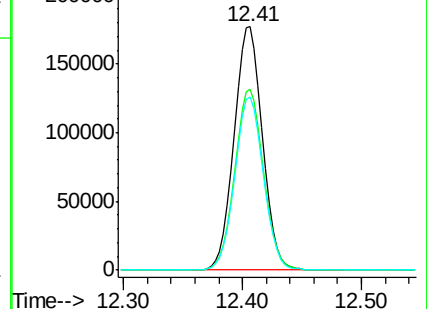
176 72.0 0.0 146.0

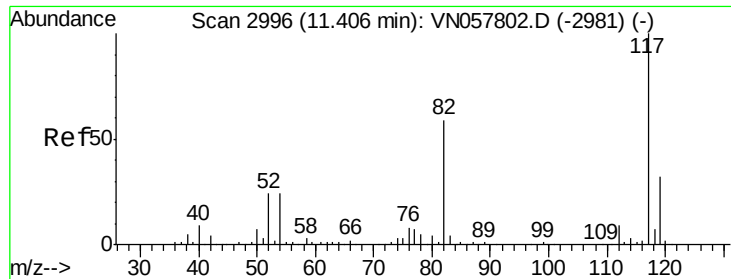


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

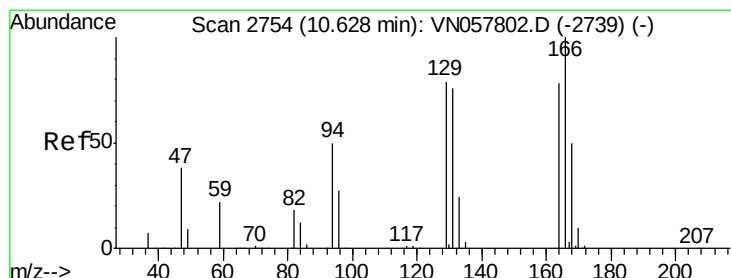
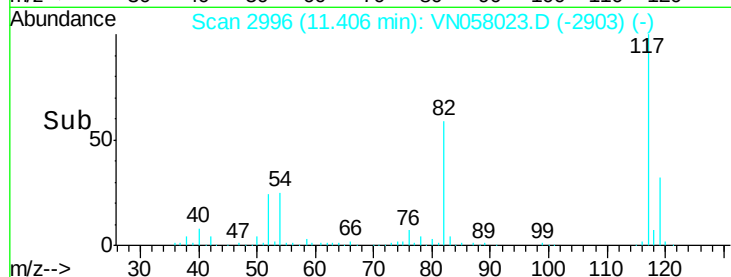
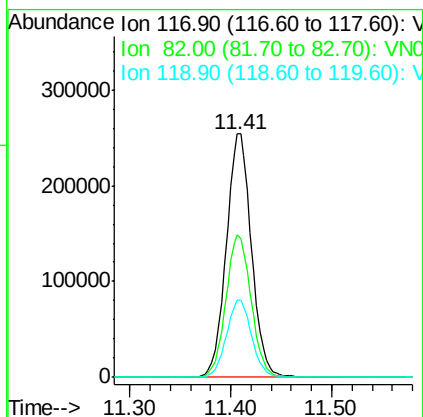
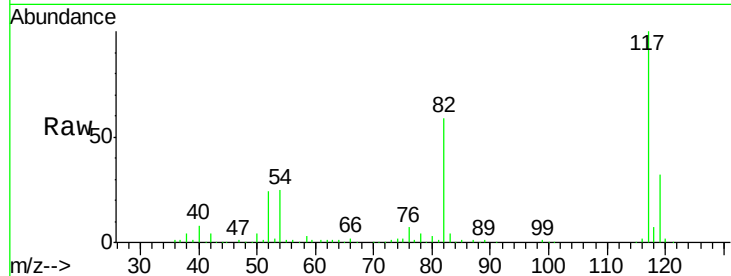




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058023.D
Acq: 13 Sep 2019 17:55

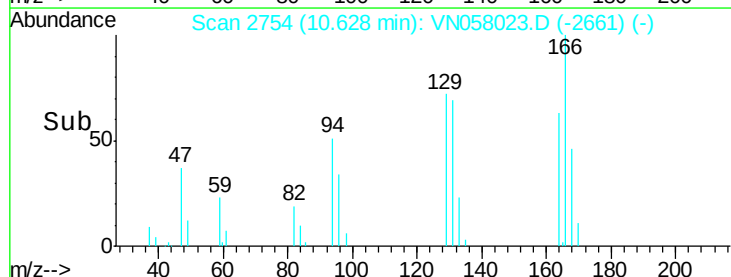
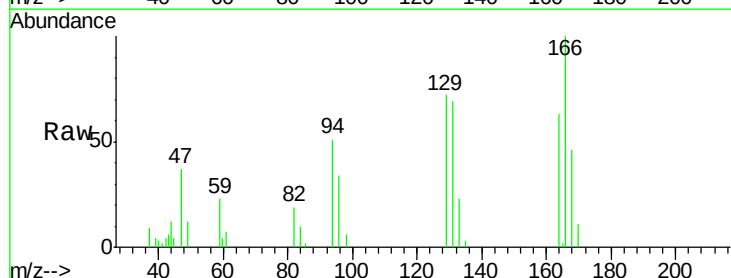
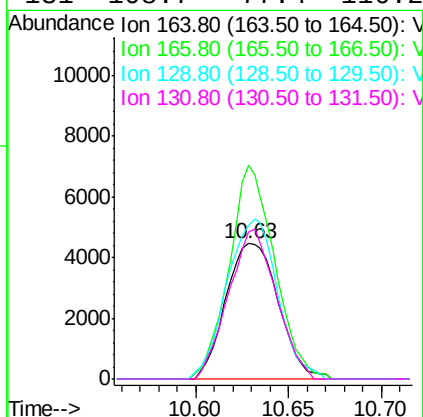
Instrument :
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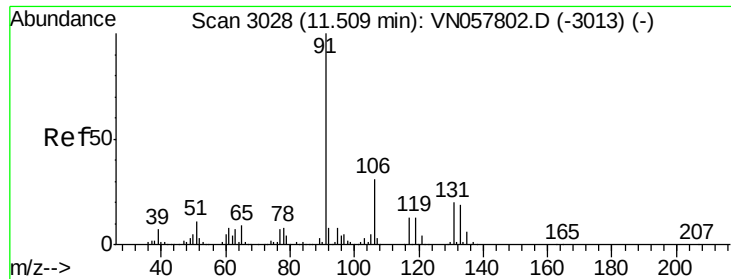
Tot Ion:117 Resp: 441882
Ion Ratio Lower Upper
117 100
82 58.6 47.2 70.8
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 2.689 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058023.D
Acq: 13 Sep 2019 17:55

Tgt Ion:164 Resp: 8772
Ion Ratio Lower Upper
164 100
166 158.0 102.2 153.2#
129 113.7 80.8 121.2
131 108.7 77.4 116.2





#67

Ethyl Benzene

Concen: 0.281 ug/l

RT: 11.52 min Scan# 3030

Delta R.T. 0.01 min

Lab File: VN058023.D

Acq: 13 Sep 2019 17:55

Instrument :

MSVOA_N

ClientSampleId :

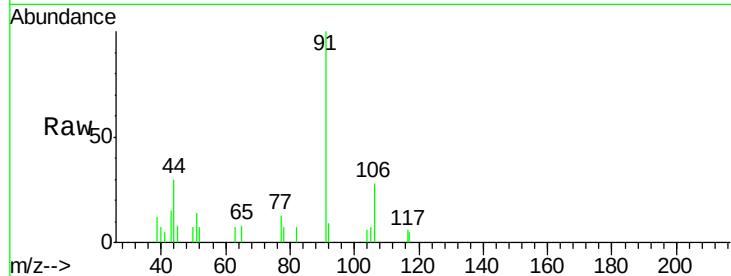
IDW-GW800-091119RE

Tot Ion: 91 Resp: 5696

Ion Ratio Lower Upper

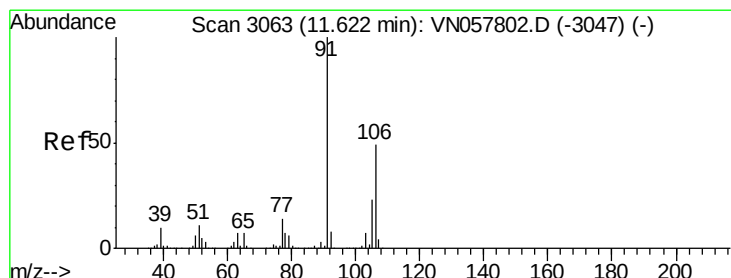
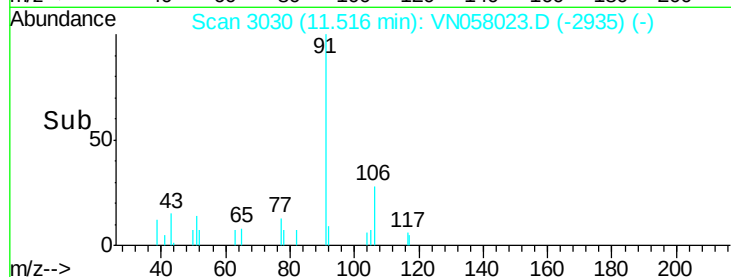
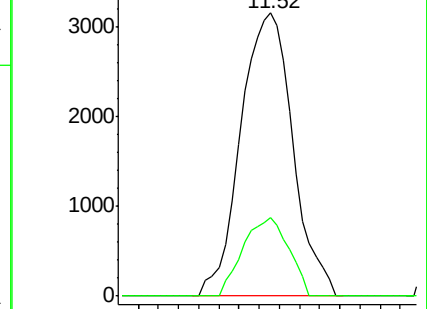
91 100

106 27.6 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN058023.D (-2935) (-)

Ion 106.00 (105.70 to 106.70): VN058023.D (-2935) (-)



#68

m/p-Xylenes

Concen: 0.475 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN058023.D

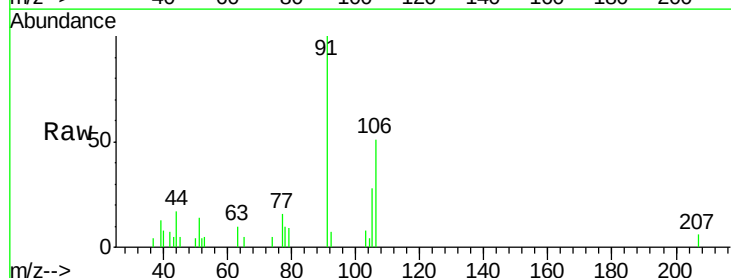
Acq: 13 Sep 2019 17:55

Tgt Ion: 106 Resp: 3526

Ion Ratio Lower Upper

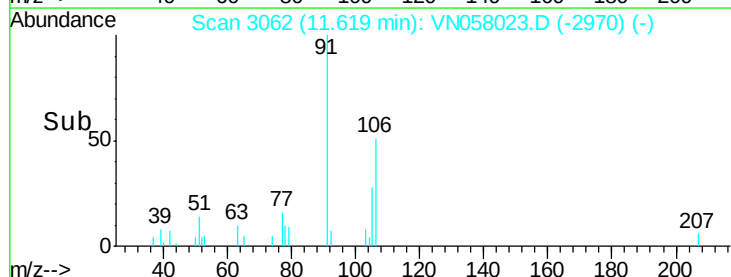
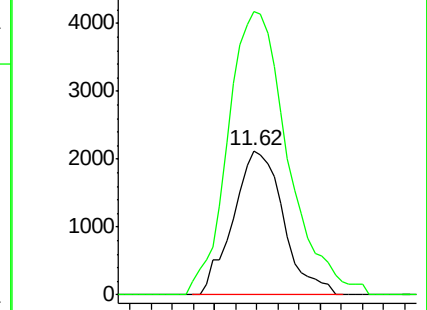
106 100

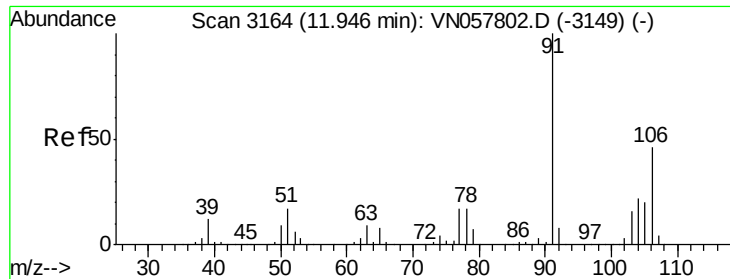
91 233.3 165.8 248.6



Abundance Ion 106.00 (105.70 to 106.70): VN058023.D (-2970) (-)

Ion 91.00 (90.70 to 91.70): VN058023.D (-2970) (-)

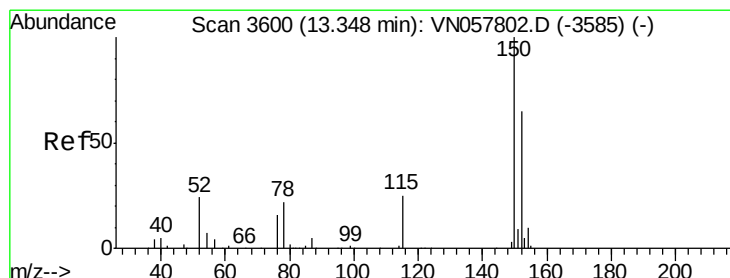
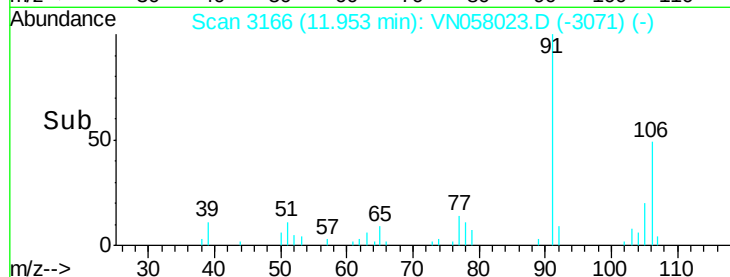
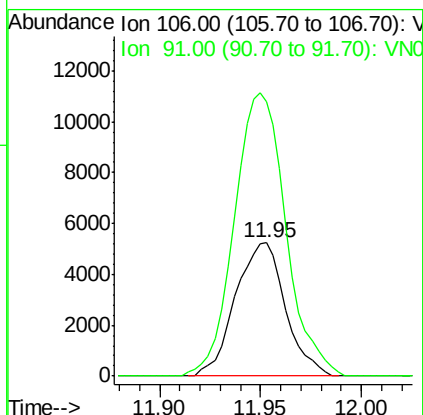
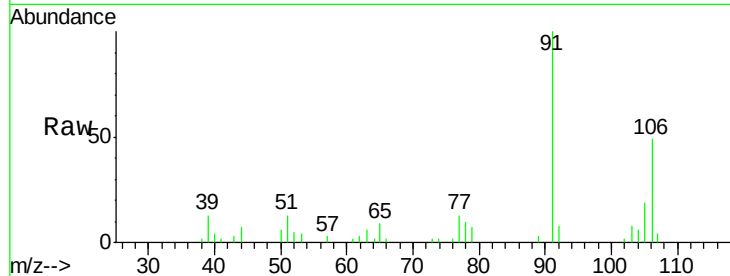




#69
o-Xylene
Concen: 1.232 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.01 min
Lab File: VN058023.D
Acq: 13 Sep 2019 17:55

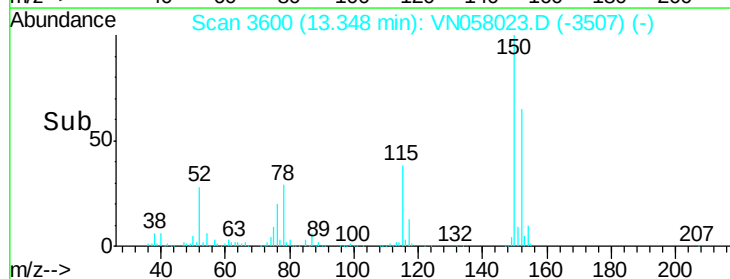
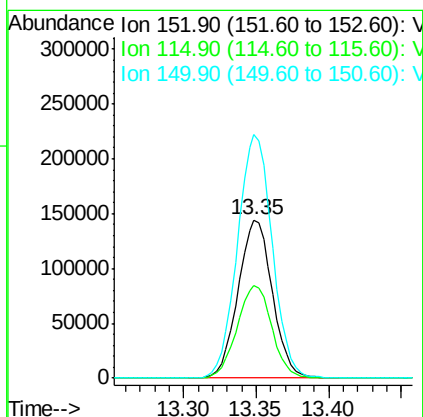
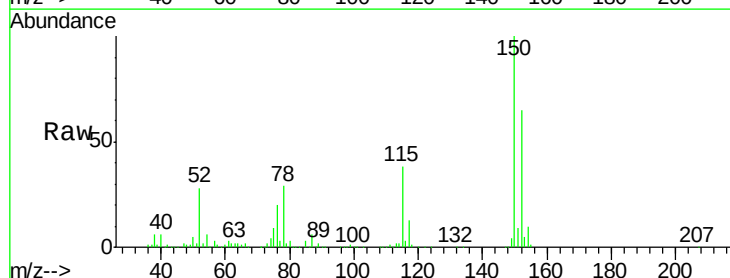
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW800-091119RE

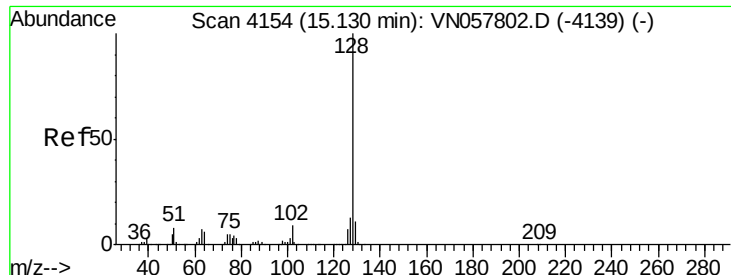
Tot Ion:106 Resp: 9089
Ion Ratio Lower Upper
106 100
91 218.7 108.7 326.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058023.D
Acq: 13 Sep 2019 17:55

Tgt Ion:152 Resp: 236868
Ion Ratio Lower Upper
152 100
115 59.2 30.3 91.0
150 156.0 0.0 352.4

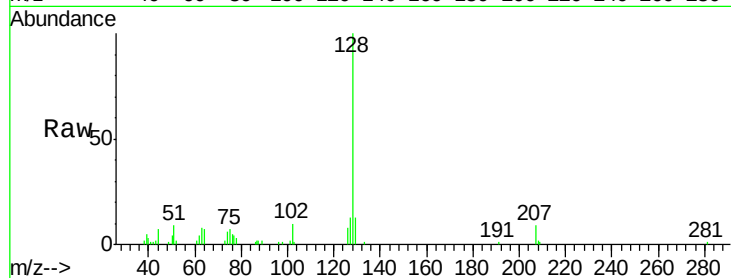




#95
Naphthalene
Concen: 0.355 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058023.D
Acq: 13 Sep 2019 17:55

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW800-091119RE

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.5	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

