

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057817.D
 Acq On : 9 Sep 2019 21:41
 Operator : JC/SP
 Sample : K4781-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW801-20.0-25.0-090719-FD

Quant Time: Sep 13 04:38:19 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

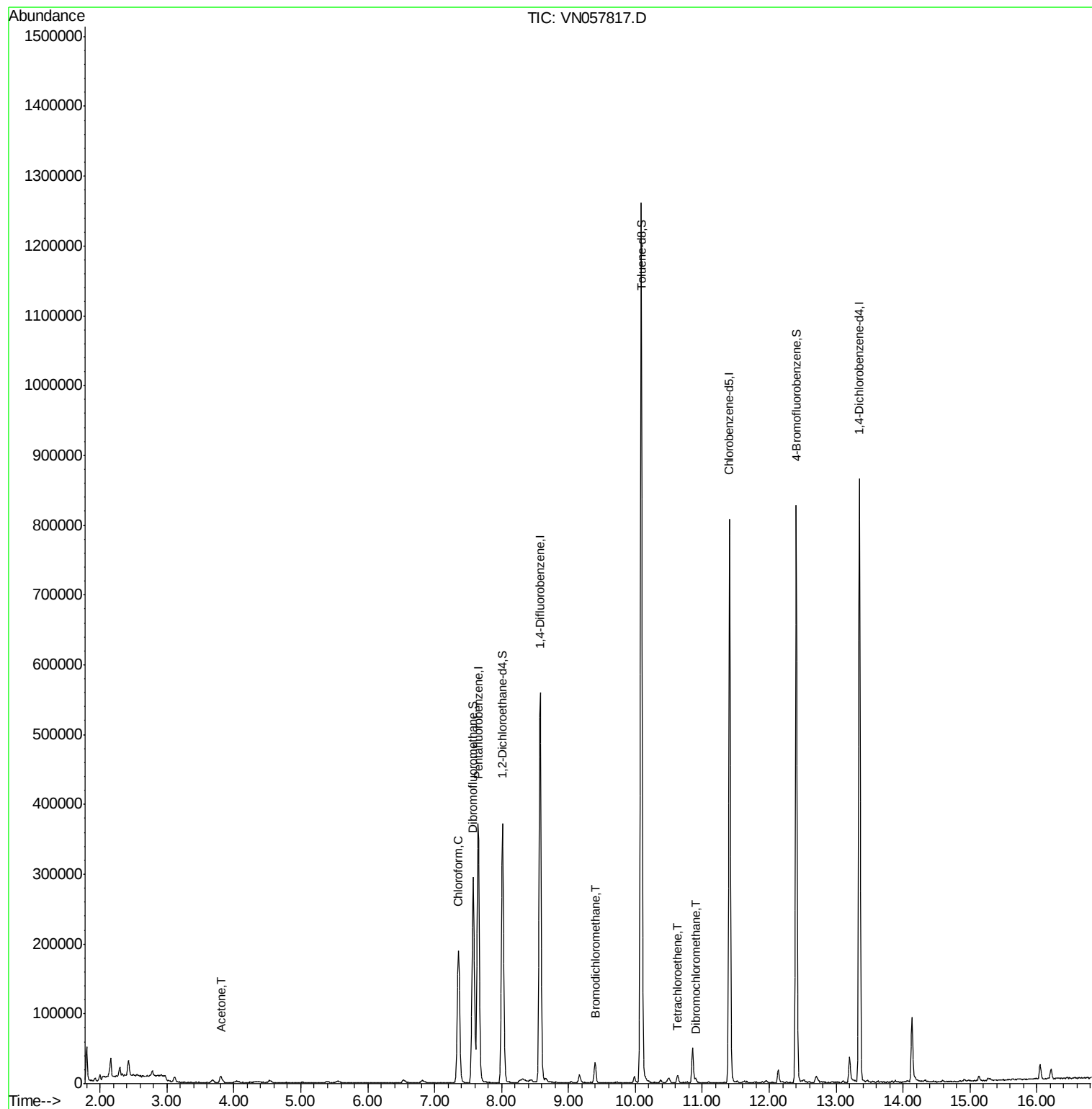
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	292913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	489500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	432306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	218446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	319381	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
35) Dibromofluoromethane	7.58	113	222515	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	10.09	98	874174	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	274968	41.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.26%	
Target Compounds						
16) Acetone	3.80	43	15787	8.117	ug/l #	84
30) Chloroform	7.36	83	192211	23.498	ug/l	99
47) Bromodichloromethane	9.40	83	19009	3.168	ug/l	100
60) Dibromochloromethane	10.90	129	2398	0.566	ug/l	91
64) Tetrachloroethene	10.63	164	2402	0.753	ug/l	89

(#) = 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: VN057817.D

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ClientSampleId :

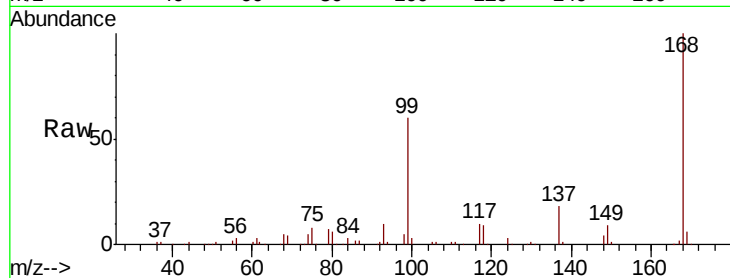
GW801-20.0-25.0-090719-FD

Tot Ion:168 Resp: 292913

Ion Ratio Lower Upper

168 100

99 59.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

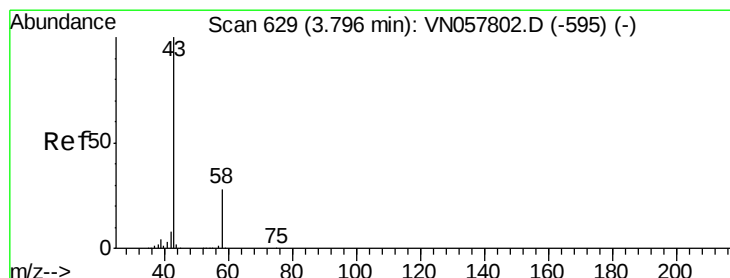
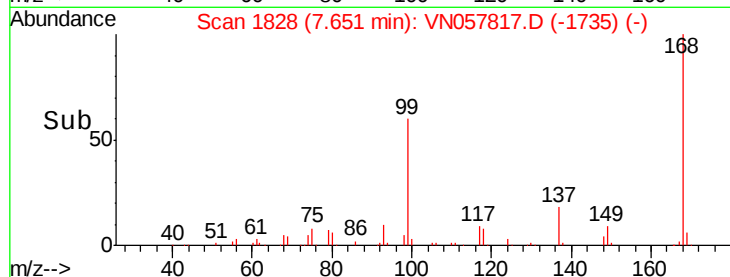
7.65

100000

50000

0

Time-->



#16

Acetone

Concen: 8.117 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057817.D

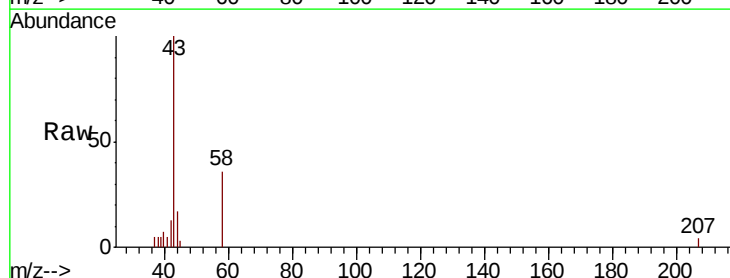
Acq: 9 Sep 2019 21:41

Tgt Ion: 43 Resp: 15787

Ion Ratio Lower Upper

43 100

58 36.1 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)

3.80

6000

5000

4000

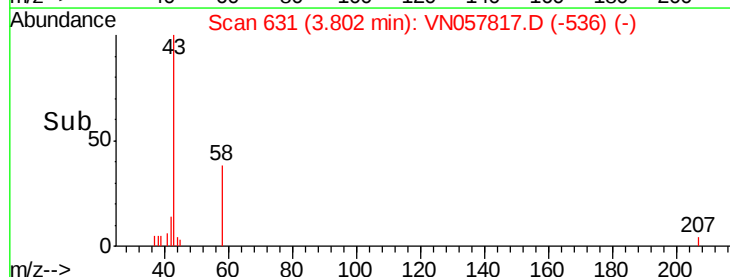
3000

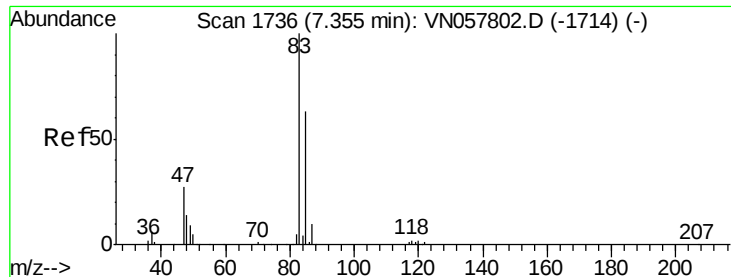
2000

1000

0

Time-->

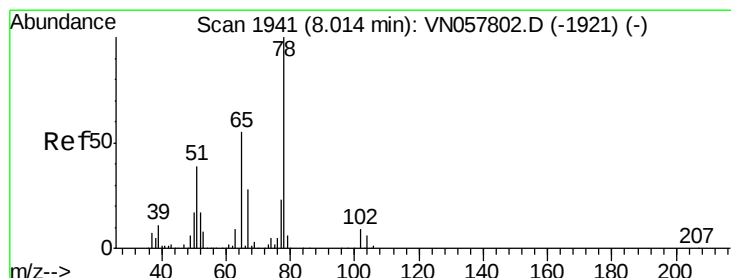
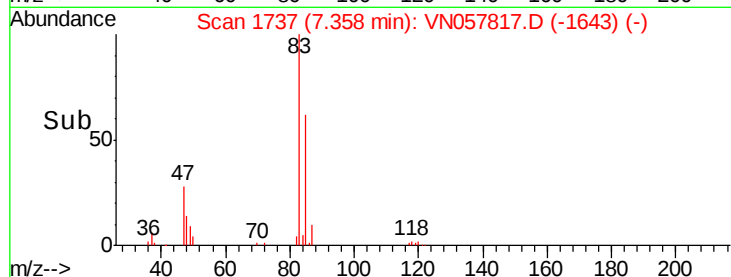
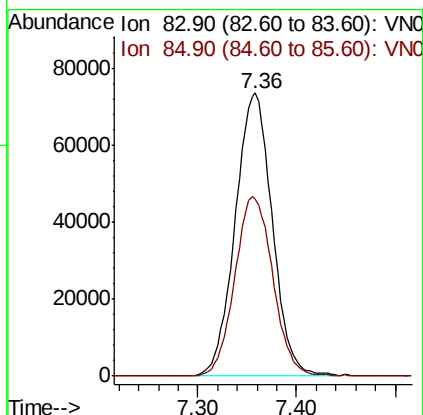
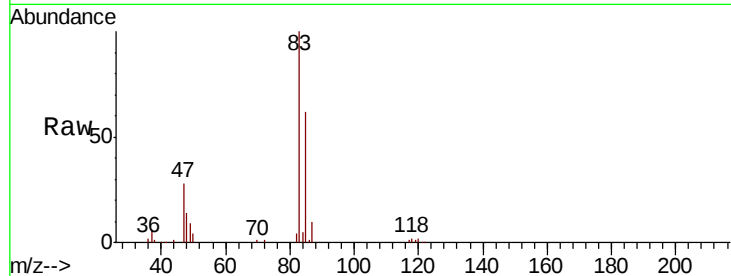




#30
Chloroform
Concen: 23.498 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057817.D
Acq: 9 Sep 2019 21:41

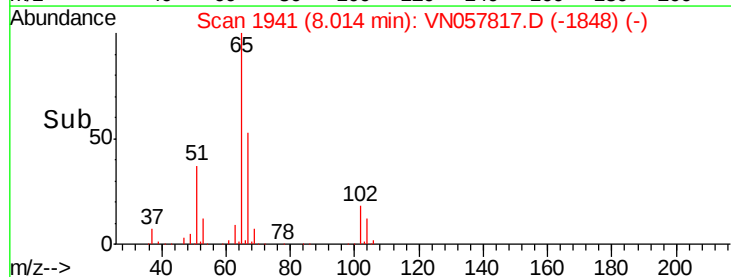
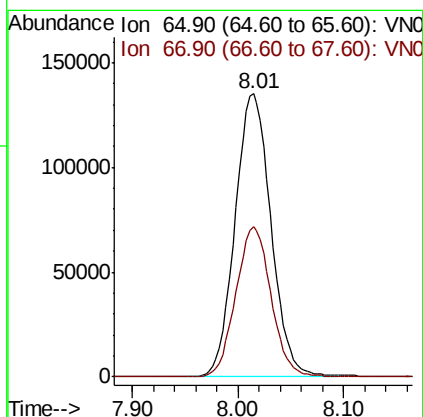
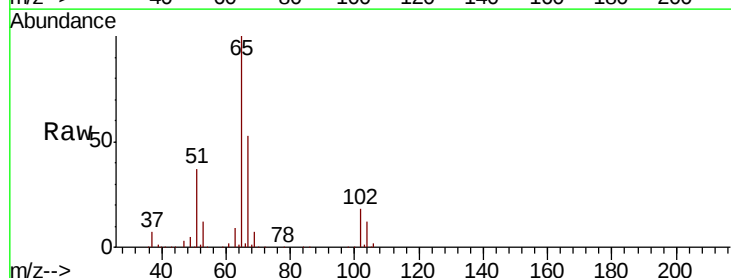
Instrument :
MSVOA_N
ClientSampleId :
GW801-20.0-25.0-090719-FD

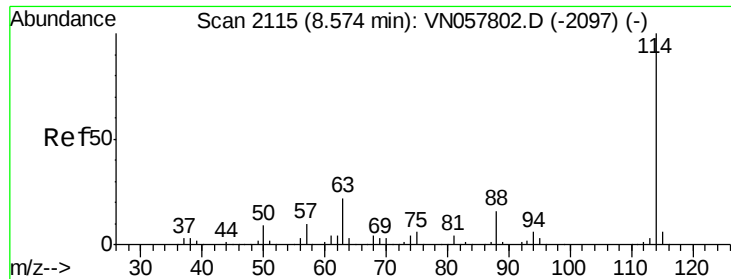
Tot Ion: 83 Resp: 192211
Ion Ratio Lower Upper
83 100
85 62.4 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 53.834 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057817.D
Acq: 9 Sep 2019 21:41

Tgt Ion: 65 Resp: 319381
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

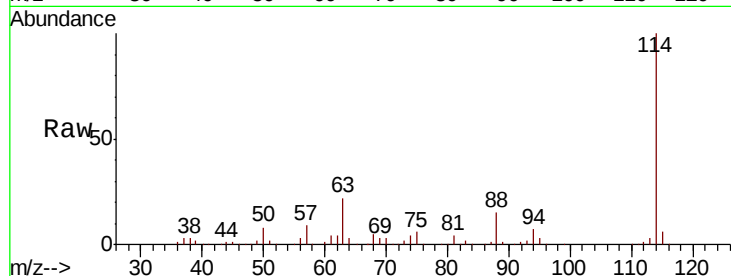




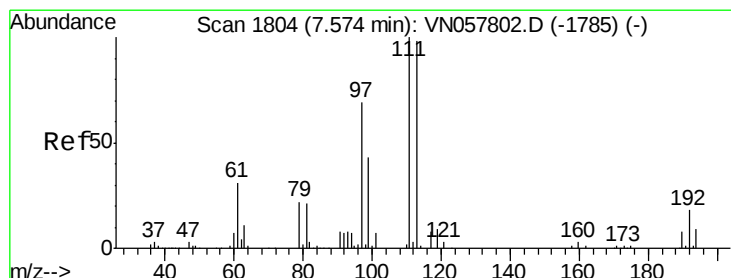
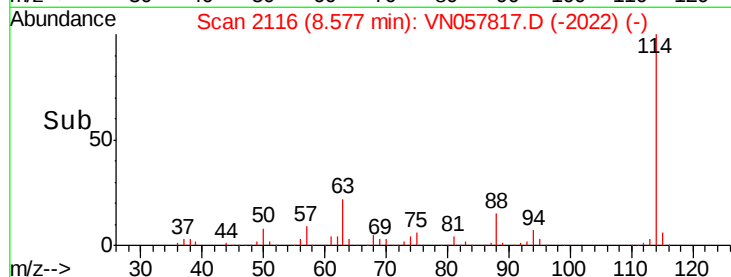
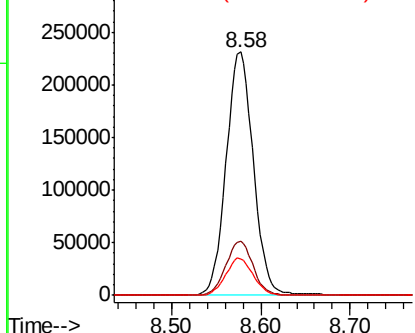
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057817.D
 Acq: 9 Sep 2019 21:41

Instrument :
 MSVOA_N
 ClientSampleId :
 GW801-20.0-25.0-090719-FD

Tot Ion:114 Resp: 489500
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.0
 88 15.1 0.0 31.4

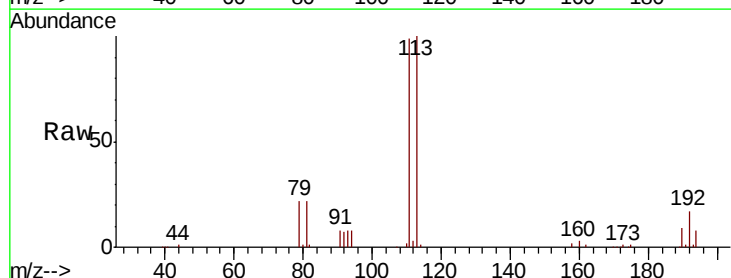


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

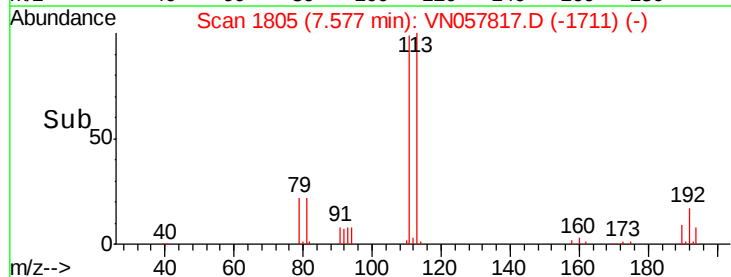
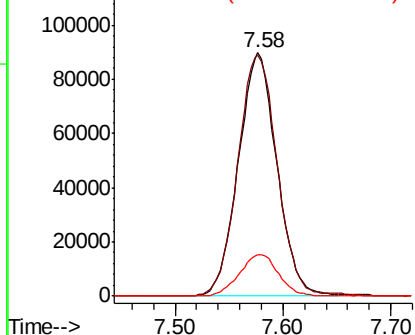


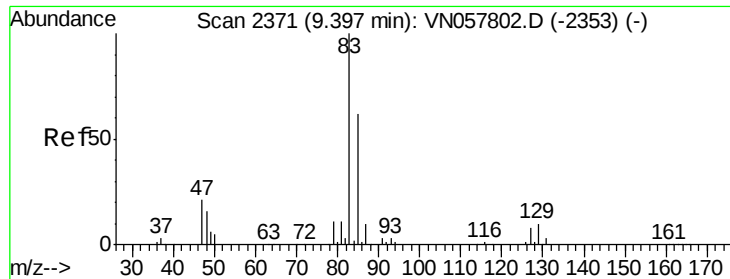
#35
 Dibromofluoromethane
 Concen: 49.252 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057817.D
 Acq: 9 Sep 2019 21:41

Tgt Ion:113 Resp: 222515
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.3 121.9
 192 17.4 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





#47

Bromodichloromethane

Concen: 3.168 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. 0.00 min

Lab File: VN057817.D

Acq: 9 Sep 2019 21:41

Instrument :

MSVOA_N

ClientSampleId :

GW801-20.0-25.0-090719-FD

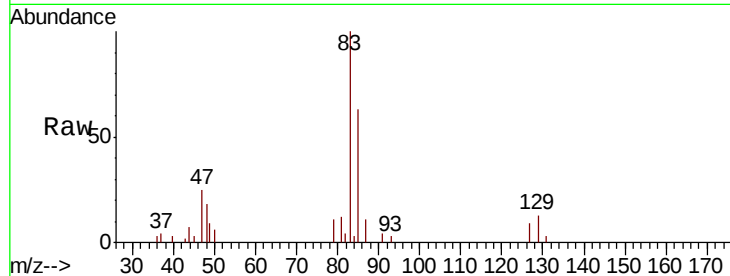
Tot Ion: 83 Resp: 19009

Ion Ratio Lower Upper

83 100

85 62.5 49.9 74.9

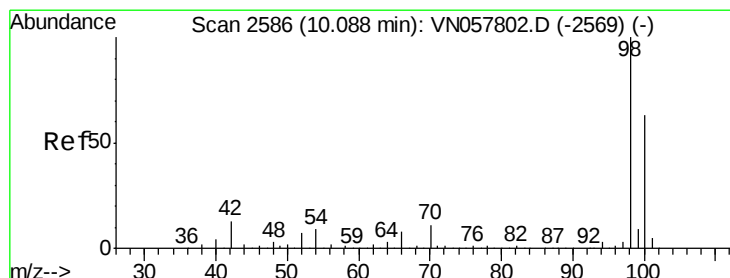
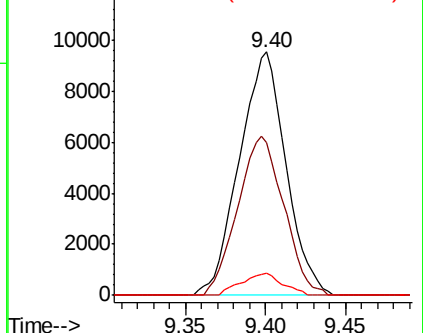
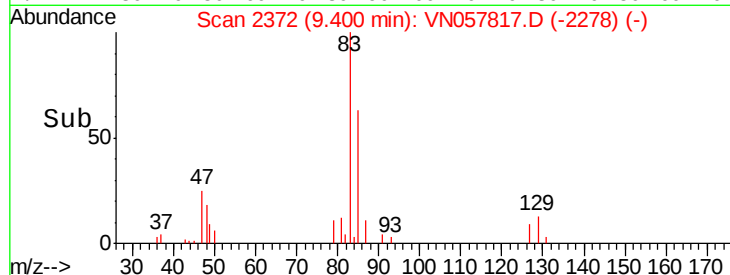
127 9.0 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN057817.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057817.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057817.D (-2278) (-)



#50

Toluene-d8

Concen: 49.836 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057817.D

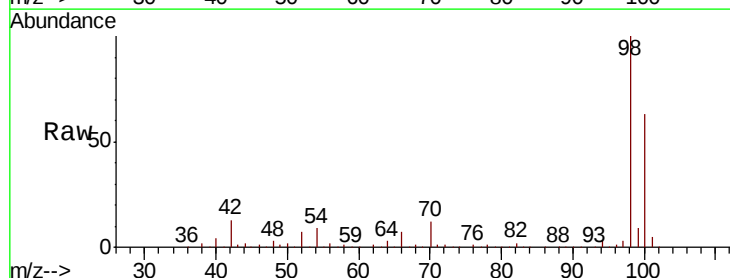
Acq: 9 Sep 2019 21:41

Tgt Ion: 98 Resp: 874174

Ion Ratio Lower Upper

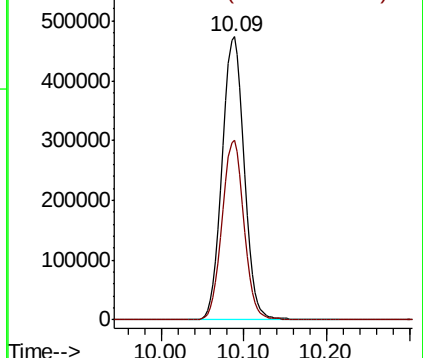
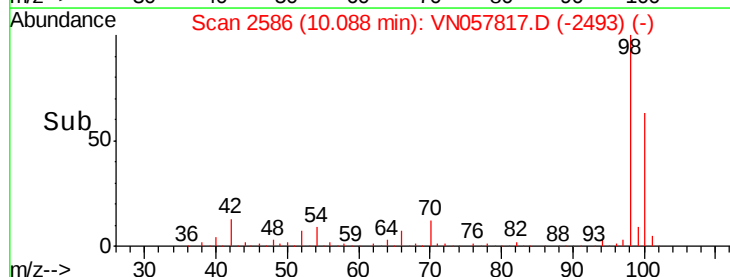
98 100

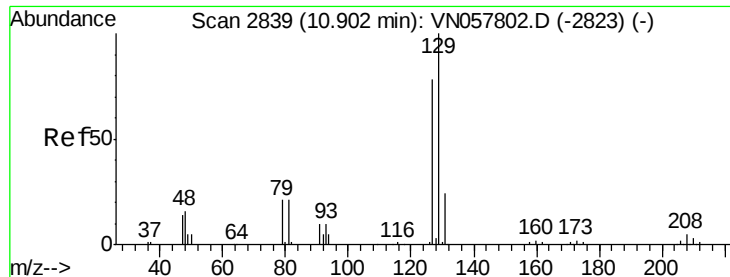
100 62.7 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057817.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN057817.D (-2493) (-)





#60

Dibromochloromethane

Concen: 0.566 ug/l

RT: 10.90 min Scan# 2838

Delta R.T. -0.00 min

Lab File: VN057817.D

Acq: 9 Sep 2019 21:41

Instrument :

MSVOA_N

ClientSampleId :

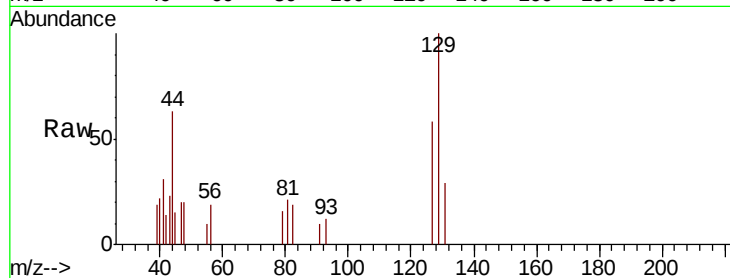
GW801-20.0-25.0-090719-FD

Tot Ion:129 Resp: 2398

Ion Ratio Lower Upper

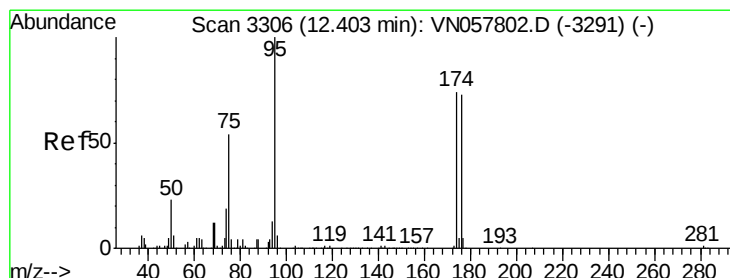
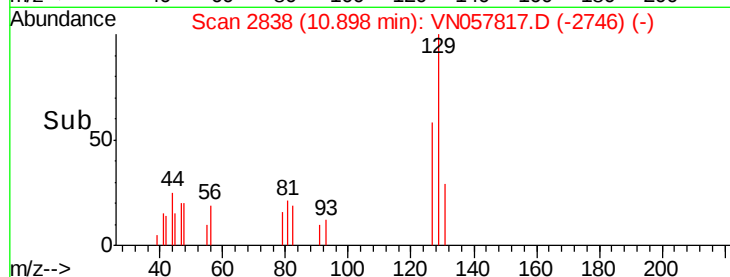
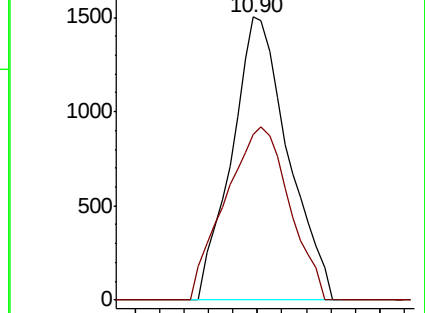
129 100

127 69.6 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 41.134 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057817.D

Acq: 9 Sep 2019 21:41

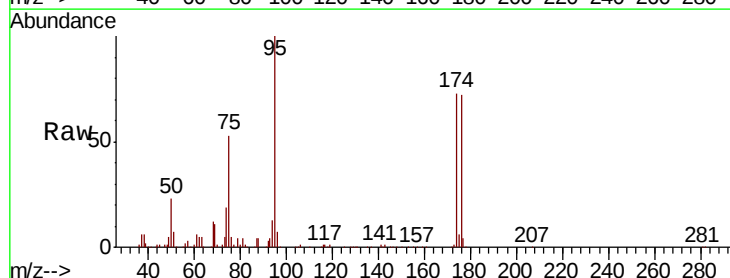
Tgt Ion: 95 Resp: 274968

Ion Ratio Lower Upper

95 100

174 73.9 0.0 150.2

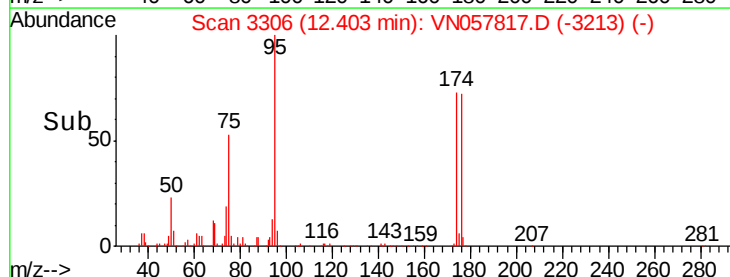
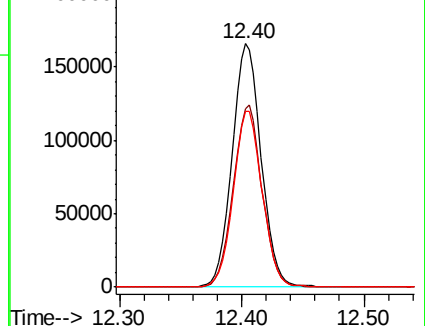
176 72.2 0.0 146.0

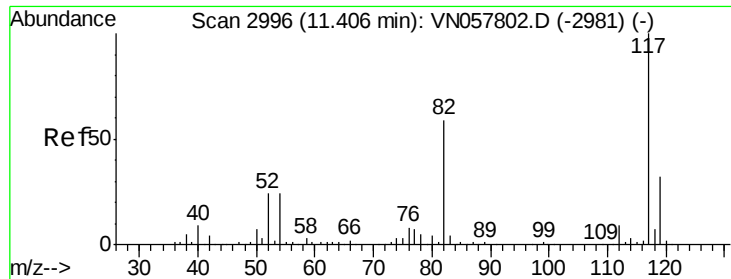


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

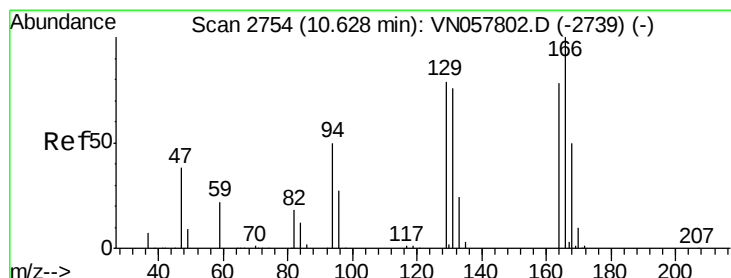
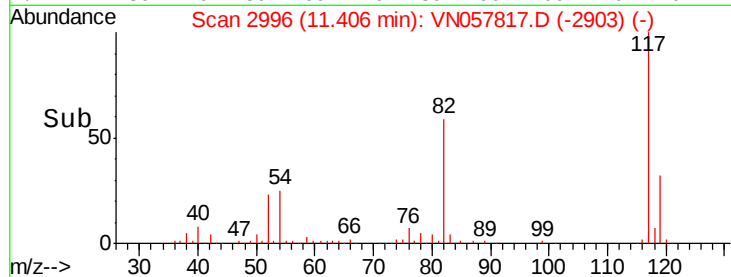
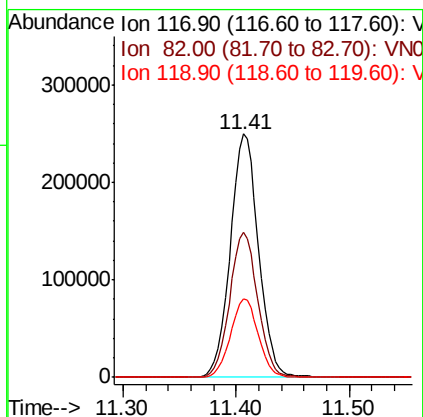
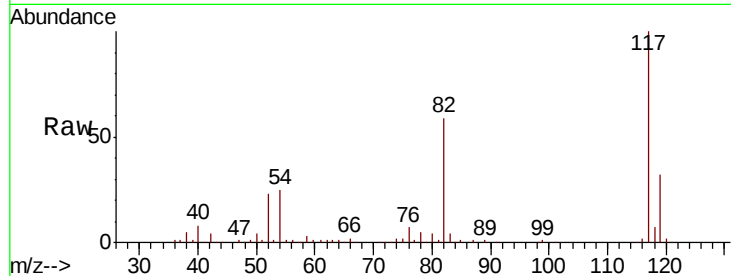




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057817.D
Acq: 9 Sep 2019 21:41

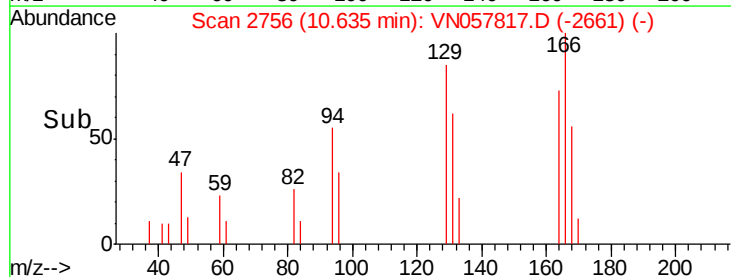
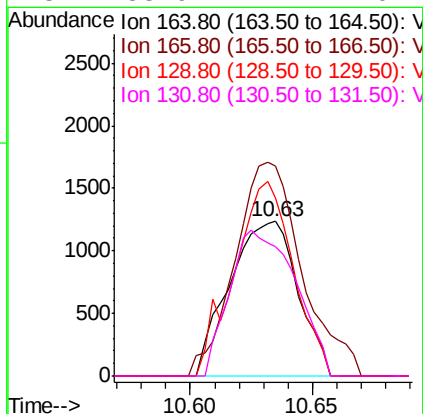
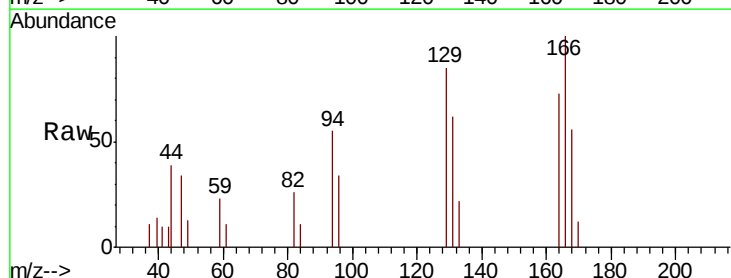
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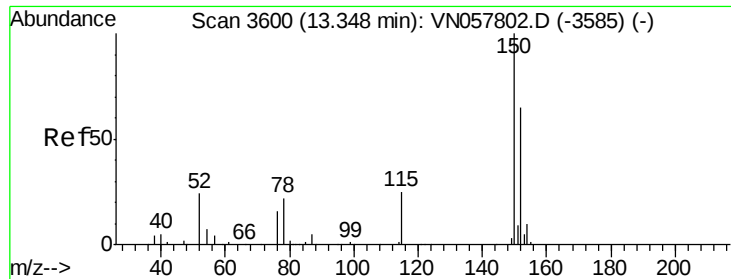
Tot Ion:117 Resp: 432306
Ion Ratio Lower Upper
117 100
82 59.4 47.2 70.8
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 0.753 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.01 min
Lab File: VN057817.D
Acq: 9 Sep 2019 21:41

Tgt Ion:164 Resp: 2402
Ion Ratio Lower Upper
164 100
166 136.2 102.2 153.2
129 115.2 80.8 121.2
131 83.9 77.4 116.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057817.D

Acq: 9 Sep 2019 21:41

Instrument :

MSVOA_N

ClientSampleId :

GW801-20.0-25.0-090719-FD

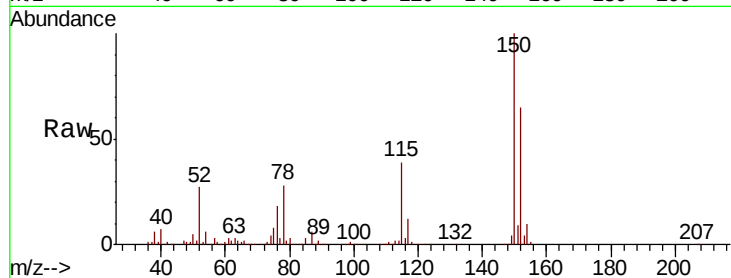
Tot Ion:152 Resp: 218446

Ion Ratio Lower Upper

152 100

115 60.8 30.3 91.0

150 157.7 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

