

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090719\
 Data File : VN057747.D
 Acq On : 7 Sep 2019 12:54
 Operator : JC/SP
 Sample : K4754-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-807-45.0-50.0-090619

Quant Time: Sep 08 06:40:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

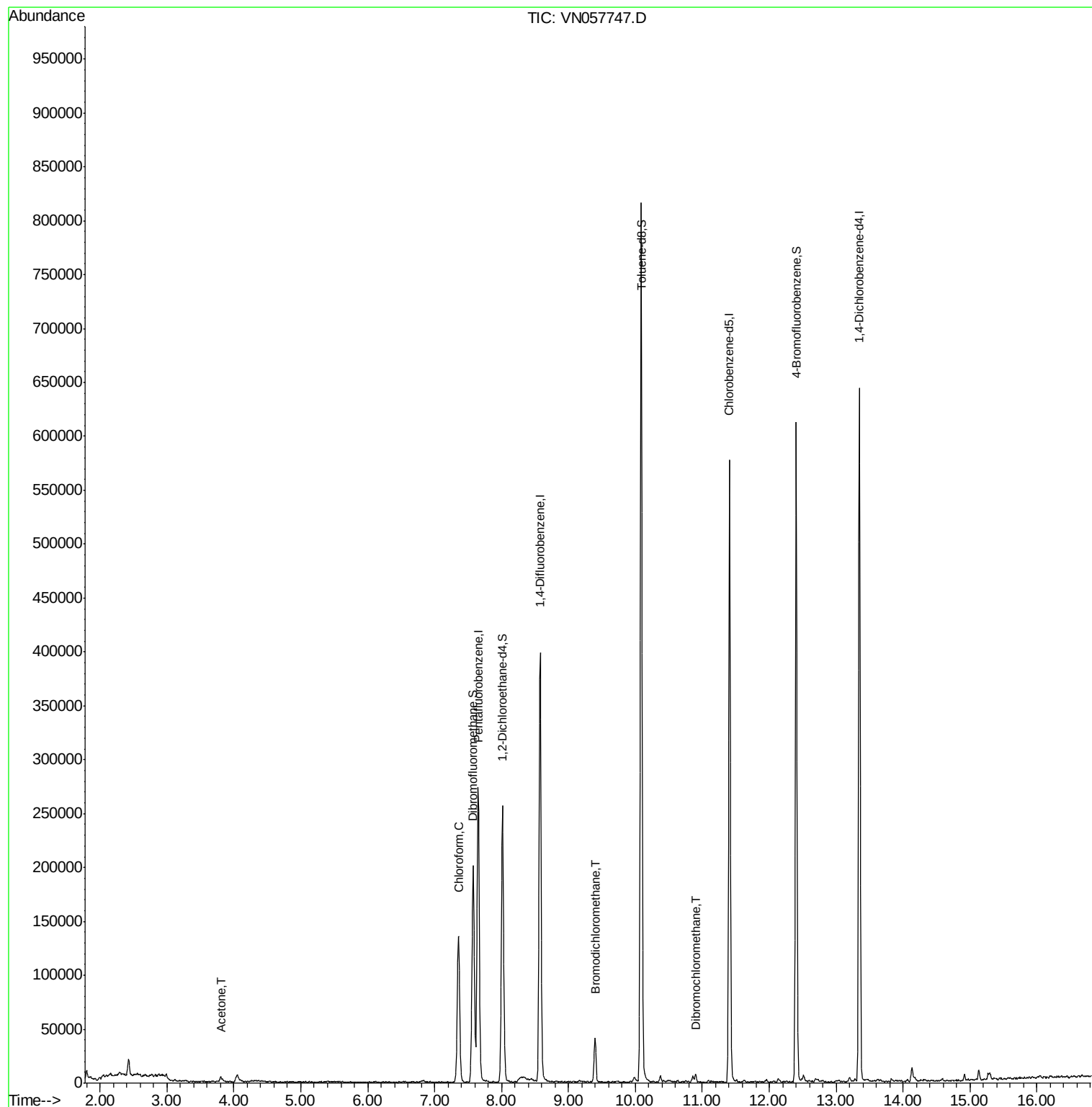
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	199312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	316881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	285381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	148612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	225109	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
35) Dibromofluoromethane	7.58	113	145092	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	10.09	98	525961	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.40	95	188277	42.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.90%	
Target Compounds						
16) Acetone	3.80	43	8470	5.677	ug/l	94
30) Chloroform	7.36	83	130853	20.510	ug/l	100
47) Bromodichloromethane	9.40	83	26072	5.735	ug/l	96
60) Dibromochloromethane	10.90	129	3570	2.950	ug/l	91

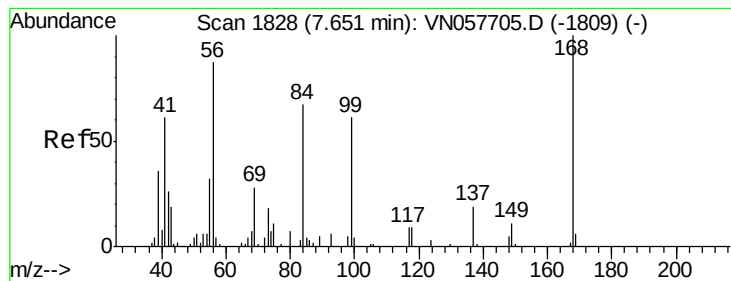
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057747.D

Acq: 7 Sep 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

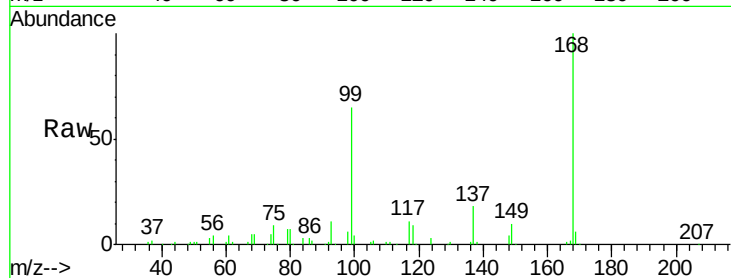
GW-807-45.0-50.0-090619

Tot Ion:168 Resp: 199312

Ion Ratio Lower Upper

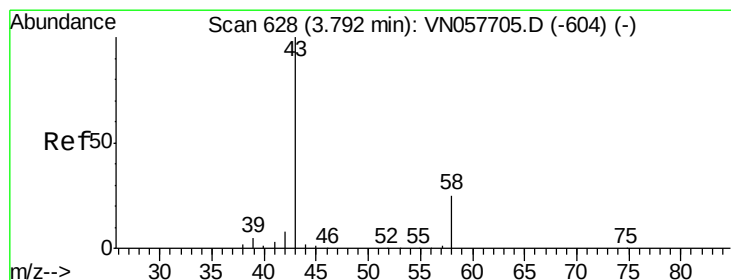
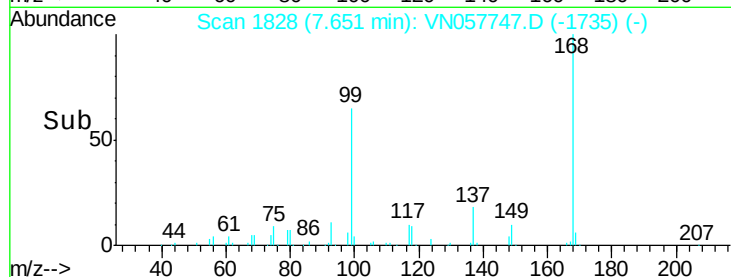
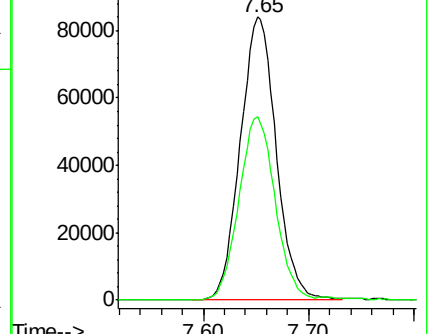
168 100

99 64.8 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.677 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN057747.D

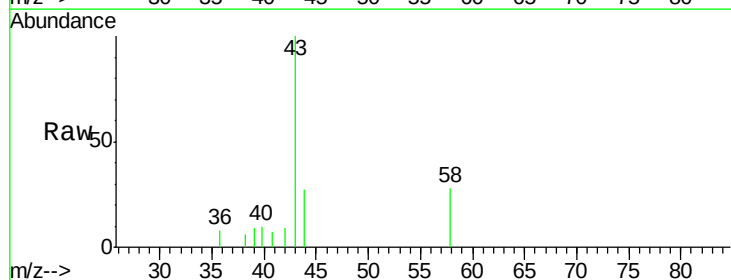
Acq: 7 Sep 2019 12:54

Tgt Ion: 43 Resp: 8470

Ion Ratio Lower Upper

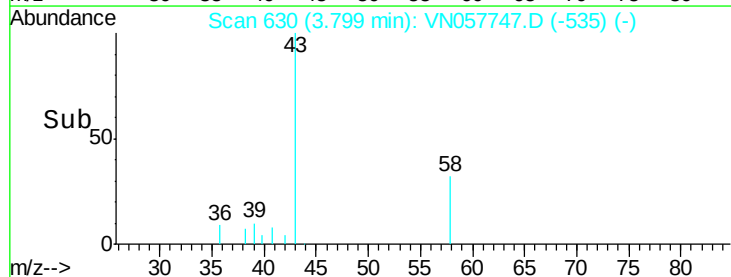
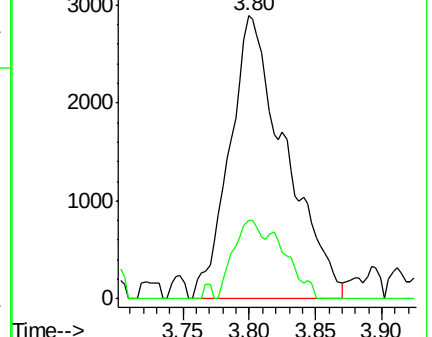
43 100

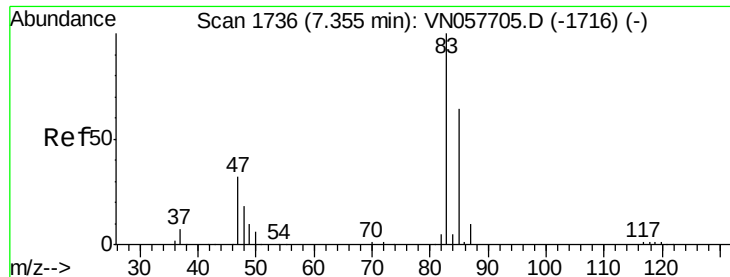
58 27.6 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

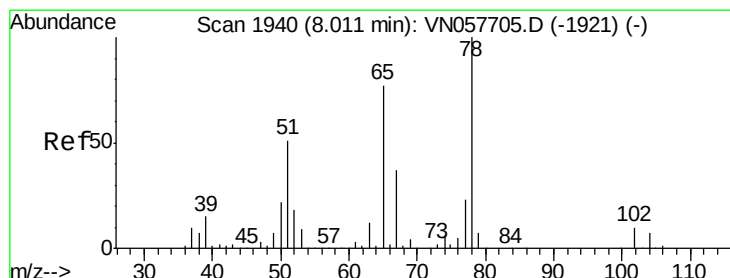
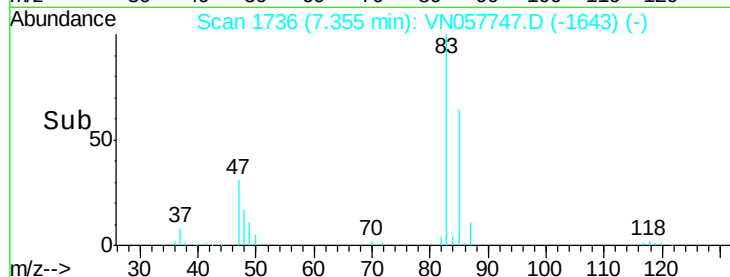
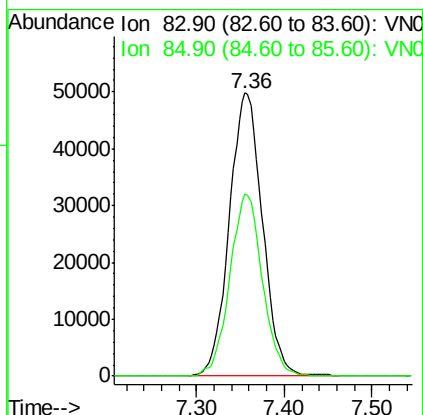
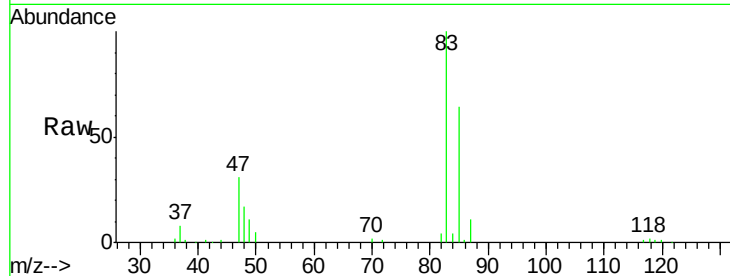




#30
Chloroform
Concen: 20.510 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN057747.D
Acq: 7 Sep 2019 12:54

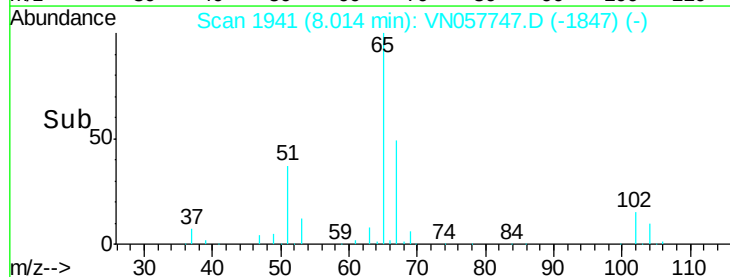
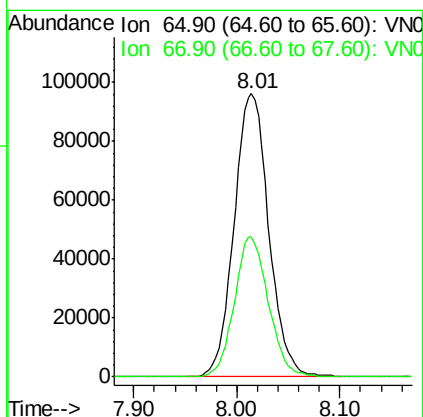
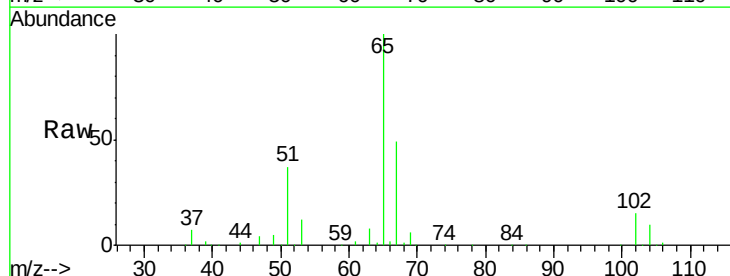
Instrument :
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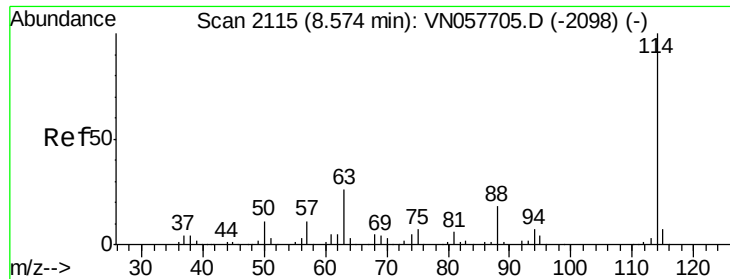
Tot Ion: 83 Resp: 130853
Ion Ratio Lower Upper
83 100
85 64.2 51.3 76.9



#33
1,2-Dichloroethane-d4
Concen: 46.427 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057747.D
Acq: 7 Sep 2019 12:54

Tgt Ion: 65 Resp: 225109
Ion Ratio Lower Upper
65 100
67 48.6 0.0 98.2

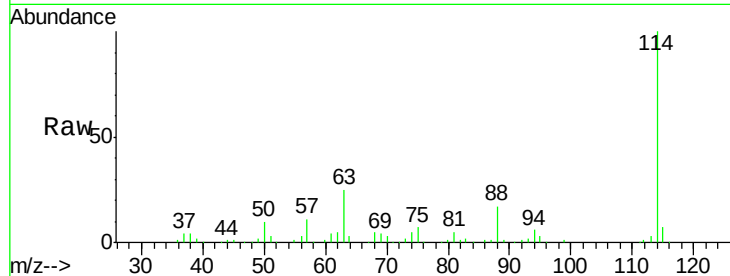




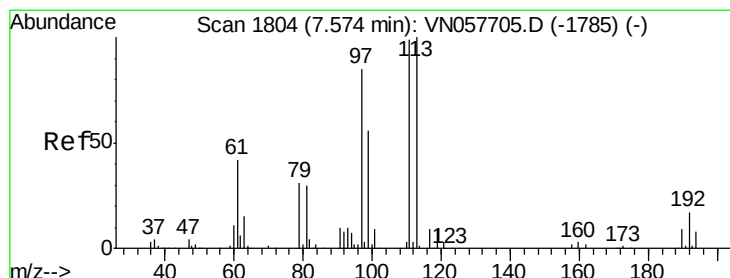
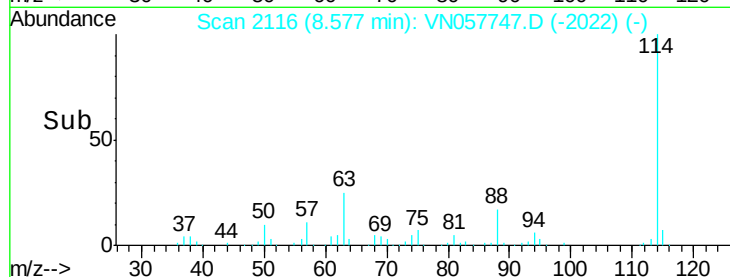
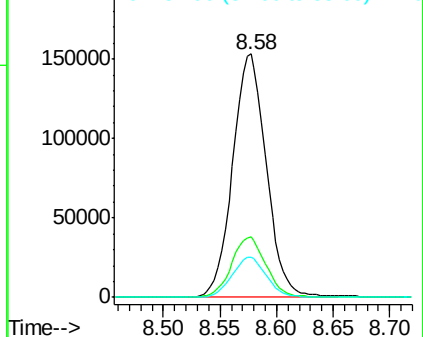
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057747.D
 Acq: 7 Sep 2019 12:54

Instrument :
 MSVOA_N
 ClientSampleId :
 GW-807-45.0-50.0-090619

Tot Ion:114 Resp: 316881
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 52.4
 88 16.7 0.0 35.4

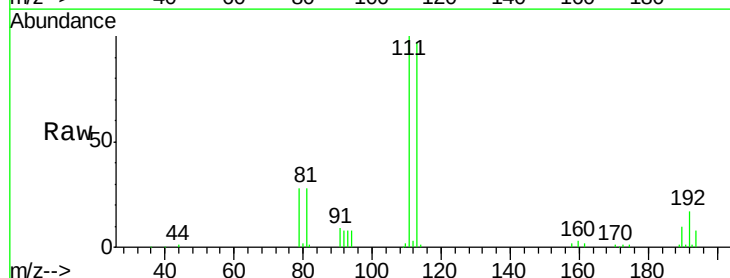


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

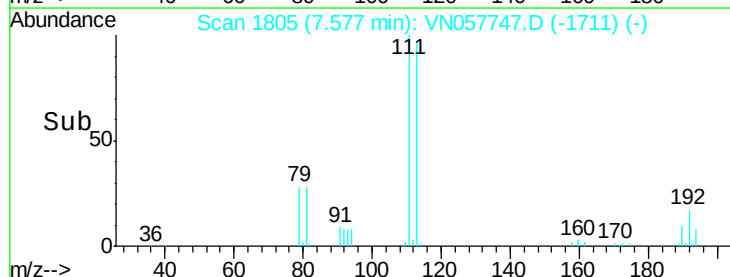
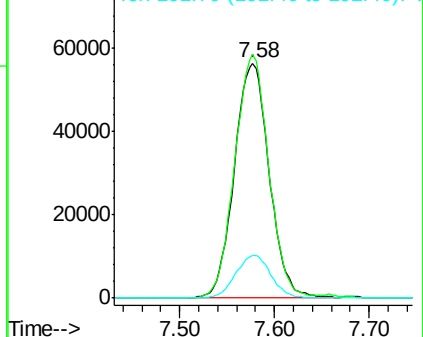


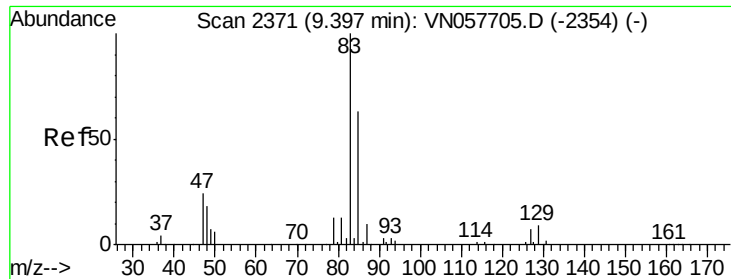
#35
 Dibromofluoromethane
 Concen: 50.269 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057747.D
 Acq: 7 Sep 2019 12:54

Tgt Ion:113 Resp: 145092
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.7 124.1
 192 18.3 13.8 20.6



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





#47

Bromodichloromethane

Concen: 5.735 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. 0.00 min

Lab File: VN057747.D

Acq: 7 Sep 2019 12:54

Instrument :

MSVOA_N

ClientSampleId :

GW-807-45.0-50.0-090619

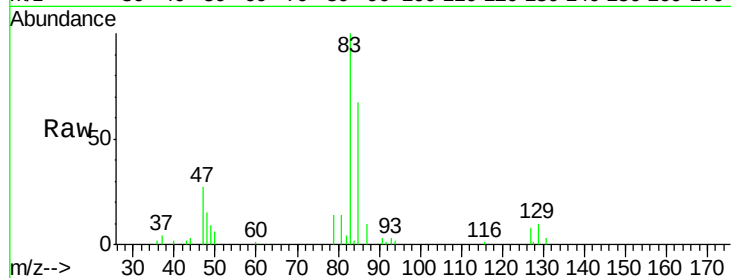
Tot Ion: 83 Resp: 26072

Ion Ratio Lower Upper

83 100

85 66.9 50.7 76.1

127 8.2 5.6 8.4

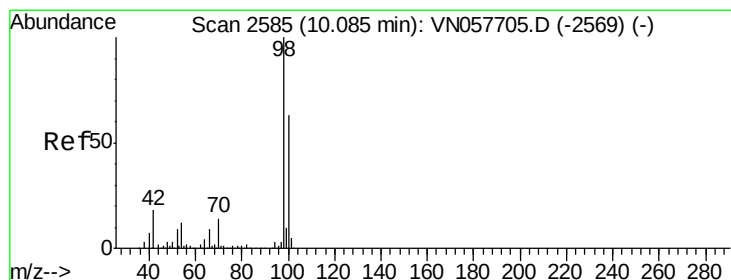
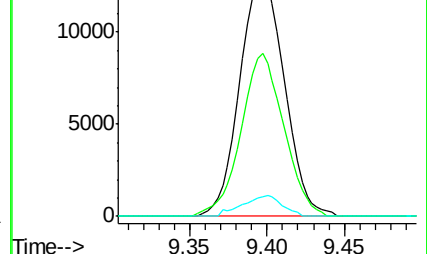
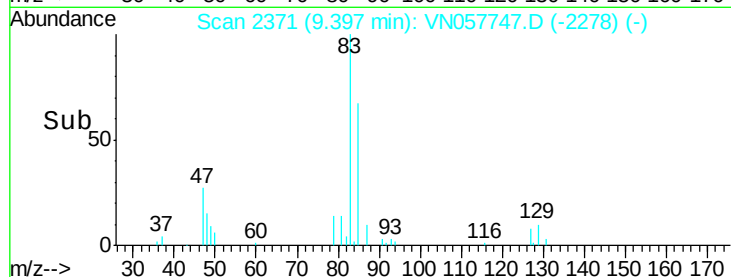


Abundance Ion 82.90 (82.60 to 83.60): VN057747.D (-2278) (-)

Ion 84.90 (84.60 to 85.60): VN057747.D (-2278) (-)

Ion 126.80 (126.50 to 127.50): VN057747.D (-2278) (-)

Time-->



#50

Toluene-d8

Concen: 49.261 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057747.D

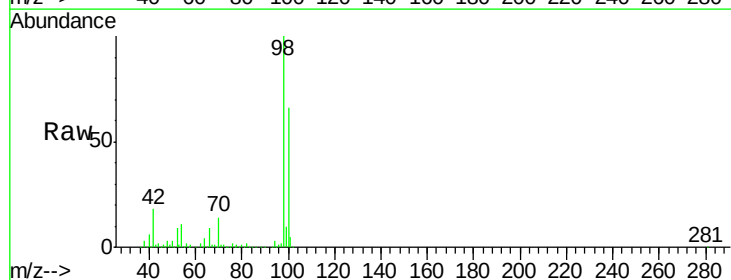
Acq: 7 Sep 2019 12:54

Tgt Ion: 98 Resp: 525961

Ion Ratio Lower Upper

98 100

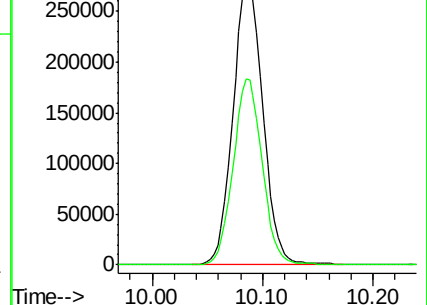
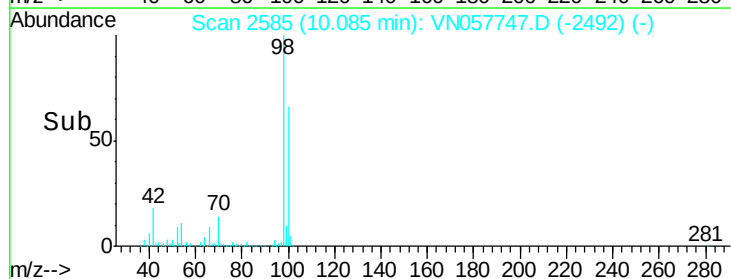
100 63.7 50.7 76.1

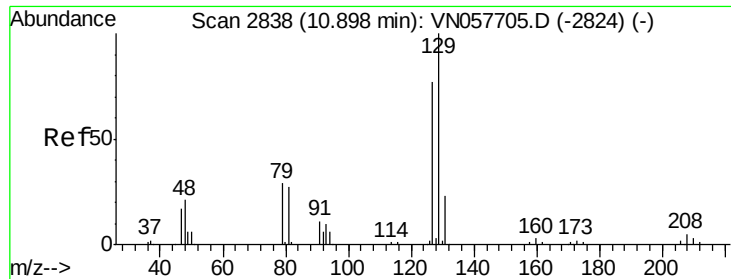


Abundance Ion 98.00 (97.70 to 98.70): VN057747.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN057747.D (-2492) (-)

Time-->

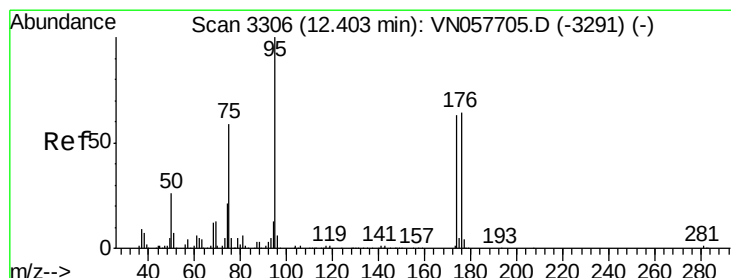
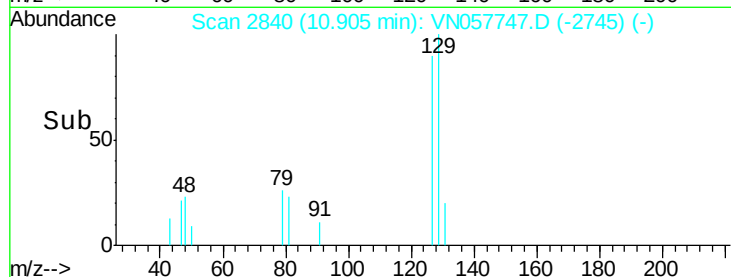
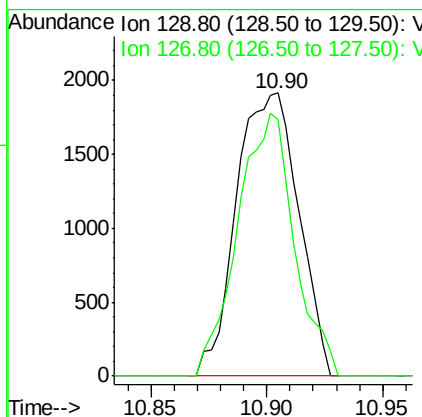
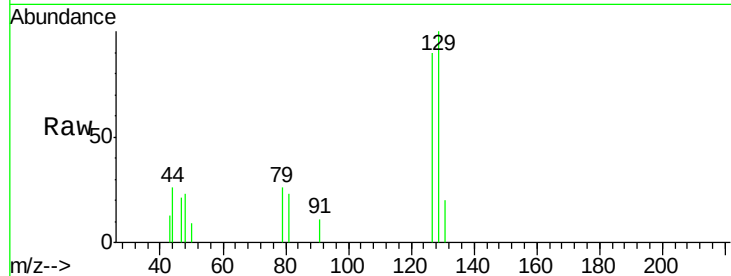




#60
 Dibromochloromethane
 Concen: 2.950 ug/l
 RT: 10.90 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: VN057747.D
 Acq: 7 Sep 2019 12:54

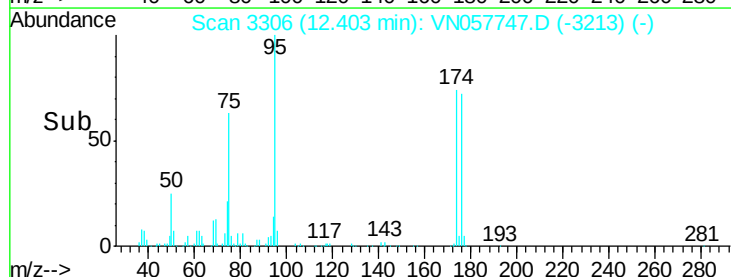
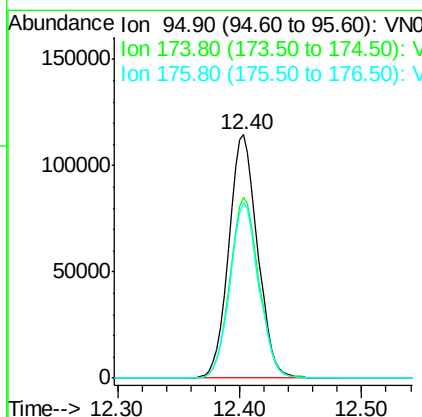
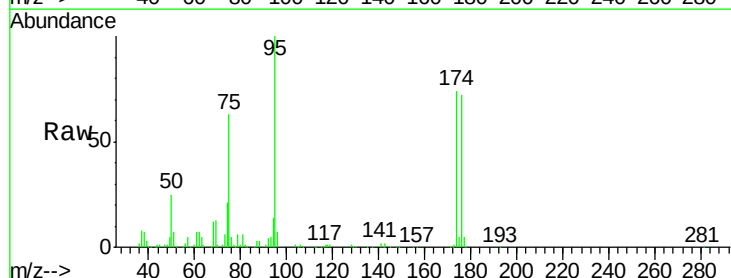
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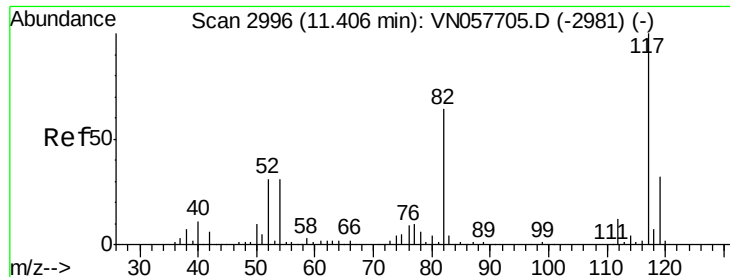
Tot Ion:129 Resp: 3570
 Ion Ratio Lower Upper
 129 100
 127 84.5 38.4 115.2



#62
 4-Bromofluorobenzene
 Concen: 42.455 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN057747.D
 Acq: 7 Sep 2019 12:54

Tgt Ion: 95 Resp: 188277
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 128.0
 176 72.4 0.0 128.0

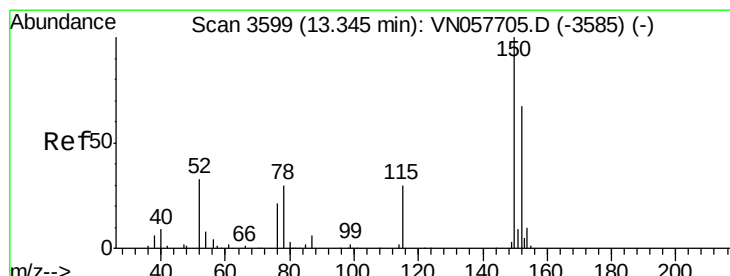
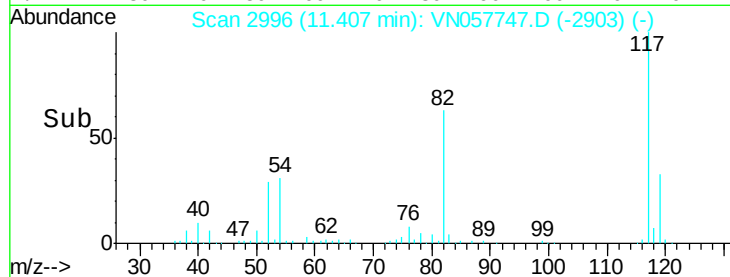
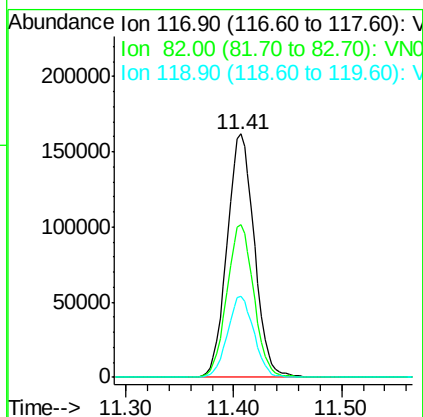
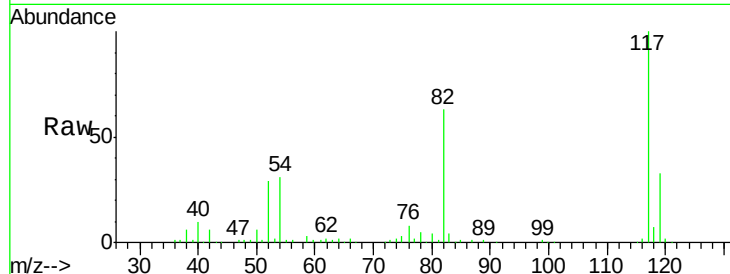




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057747.D
Acq: 7 Sep 2019 12:54

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion:117 Resp: 285381
Ion Ratio Lower Upper
117 100
82 62.9 51.4 77.0
119 33.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057747.D
Acq: 7 Sep 2019 12:54

Tgt Ion:152 Resp: 148612
Ion Ratio Lower Upper
152 100
115 62.9 33.8 101.3
150 155.6 0.0 345.4

