

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062245.D
 Acq On : 30 Jun 2020 17:27
 Operator : JC/MD
 Sample : L3152-03
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

Quant Time: Jul 01 04:51:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

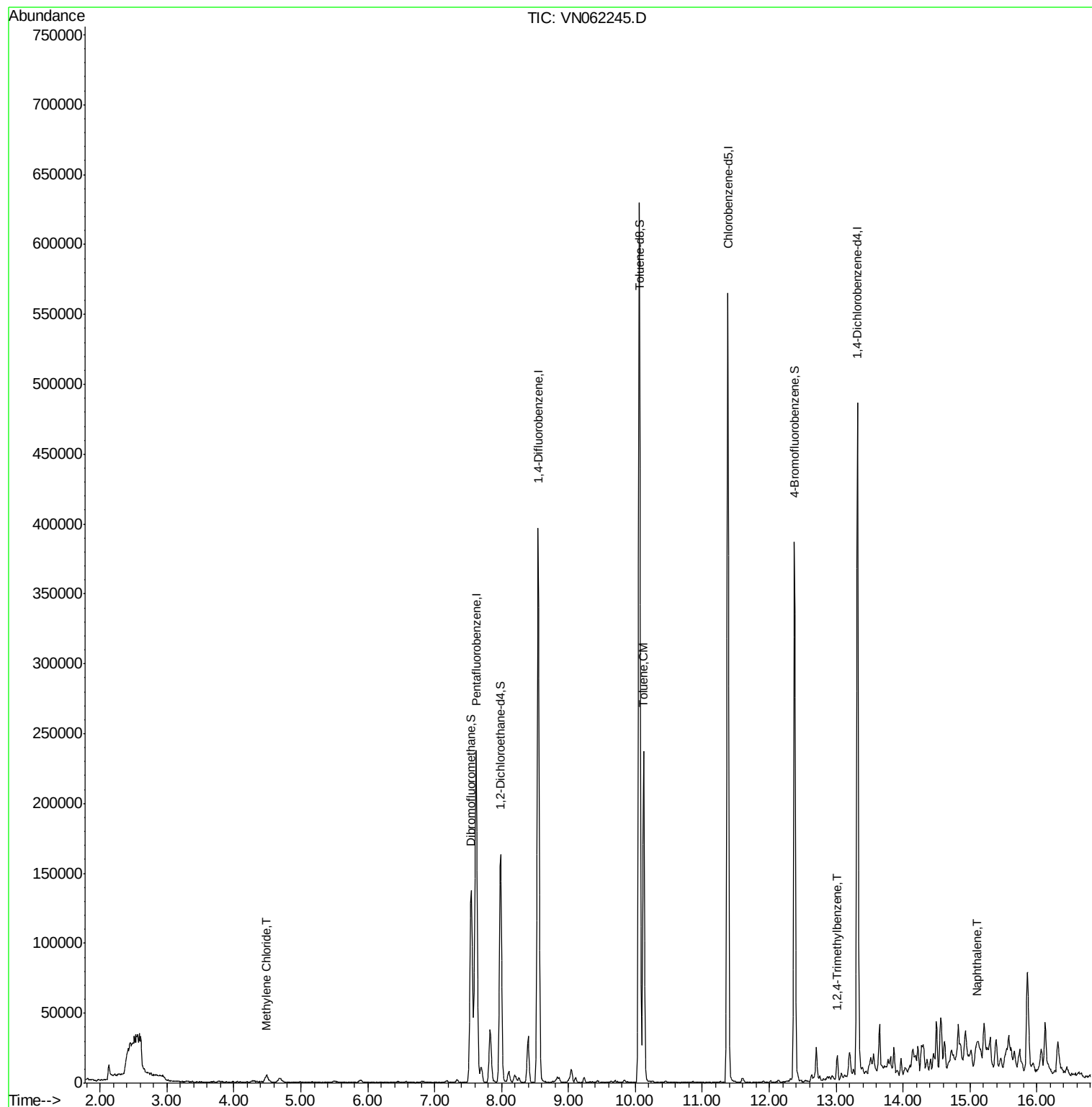
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	183546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	352554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	321038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	125769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	139840	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
35) Dibromofluoromethane	7.54	113	110886	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	10.06	98	437935	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
62) 4-Bromofluorobenzene	12.38	95	135869	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.96%	
Target Compounds						
20) Methylene Chloride	4.49	84	3949	1.460	ug/l	94
52) Toluene	10.12	92	102804	15.599	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	9993	1.268	ug/l	94
95) Naphthalene	15.10	128	11107	5.700	ug/l	98

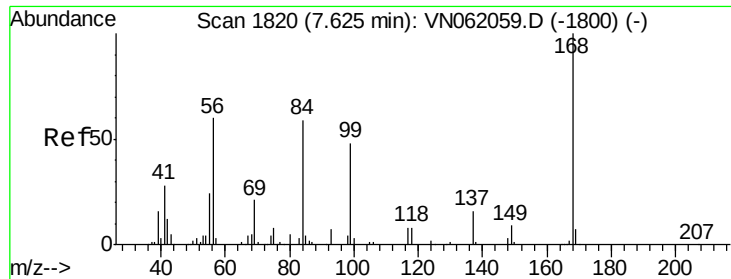
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN063020\
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062245.D

Acq: 30 Jun 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

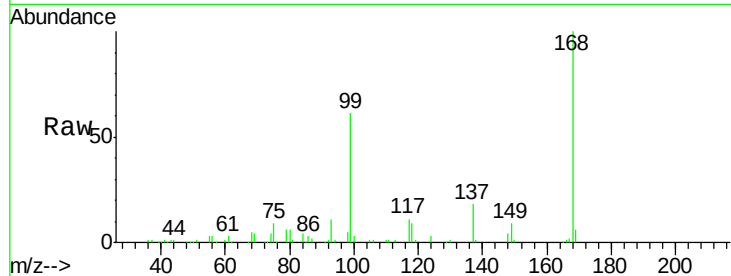
DRUM-COMP

Tot Ion:168 Resp: 183546

Ion Ratio Lower Upper

168 100

99 60.6 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

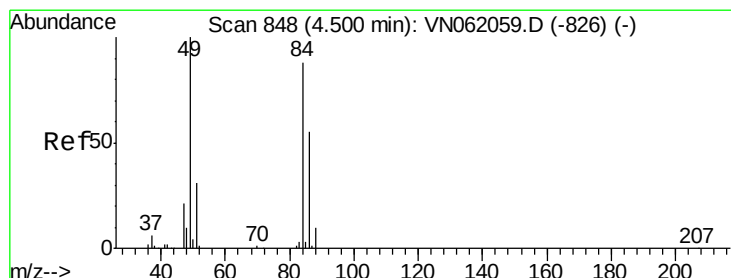
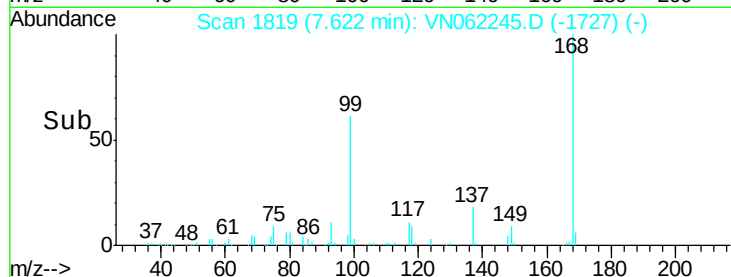
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 1.460 ug/l

RT: 4.49 min Scan# 844

Delta R.T. -0.01 min

Lab File: VN062245.D

Acq: 30 Jun 2020 17:27

Tgt Ion: 84 Resp: 3949

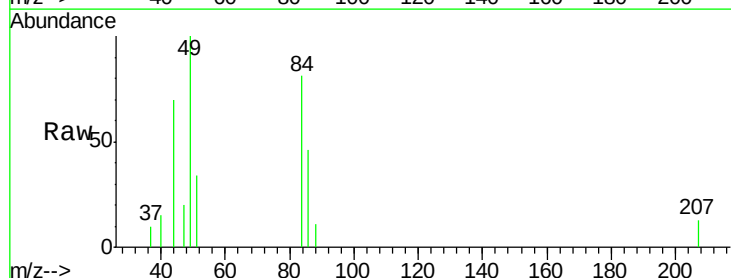
Ion Ratio Lower Upper

84 100

49 109.4 90.6 136.0

51 41.3 27.8 41.8

86 56.5 50.1 75.1



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

2000

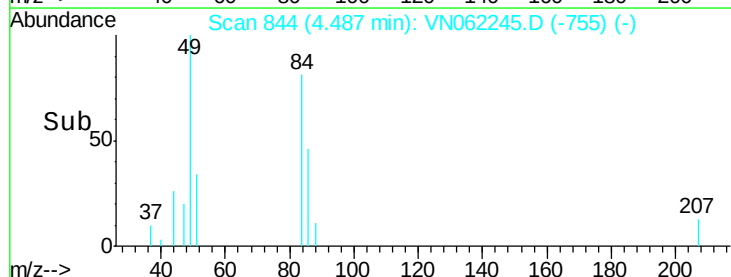
1500

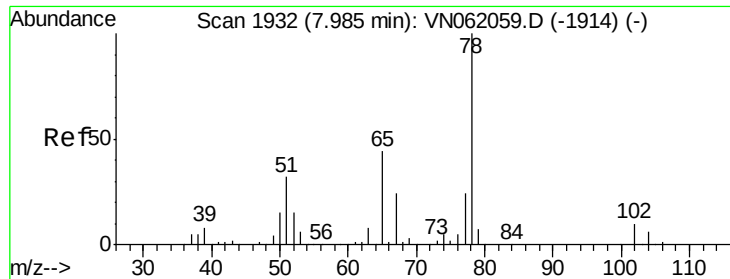
1000

500

0

Time--> 4.40 4.45 4.50 4.55 4.60

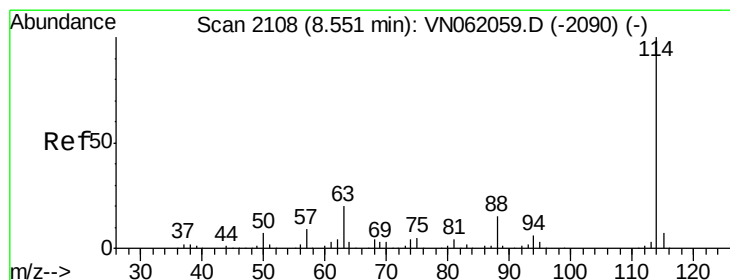
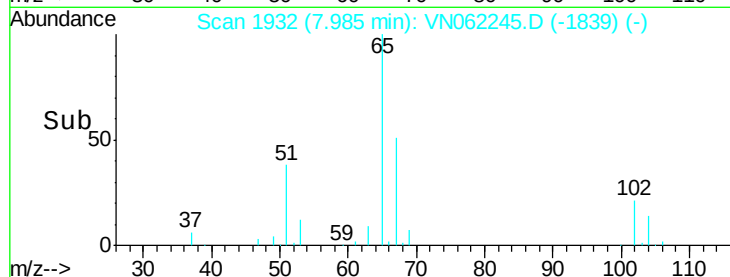
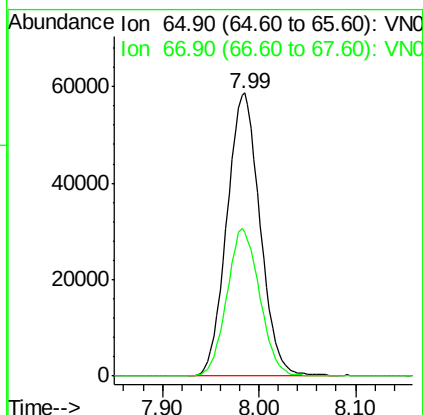
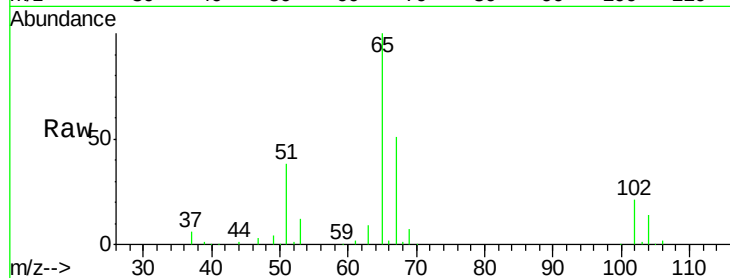




#33
 1,2-Dichloroethane-d4
 Concen: 54.291 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062245.D
 Acq: 30 Jun 2020 17:27

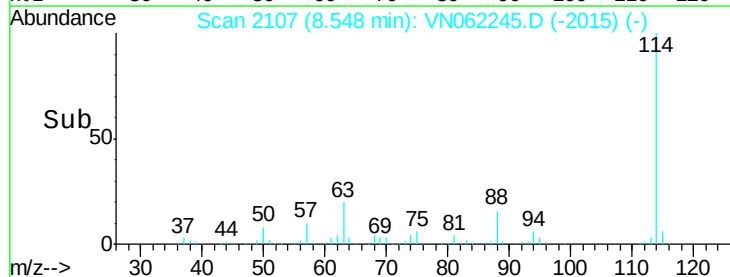
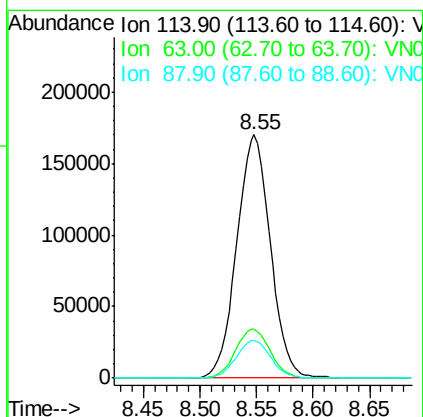
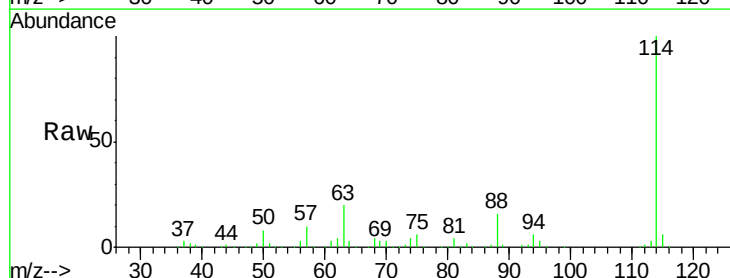
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

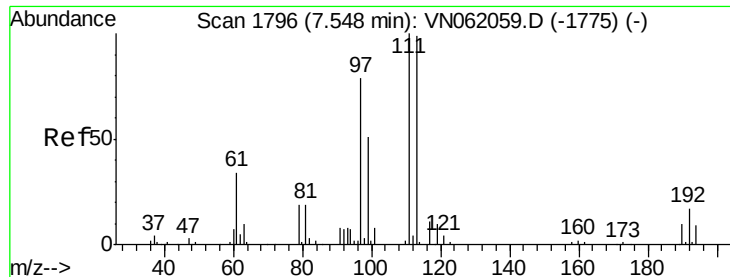
Tot Ion: 65 Resp: 139840
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062245.D
 Acq: 30 Jun 2020 17:27

Tgt Ion: 114 Resp: 352554
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.2
 88 15.7 0.0 30.8

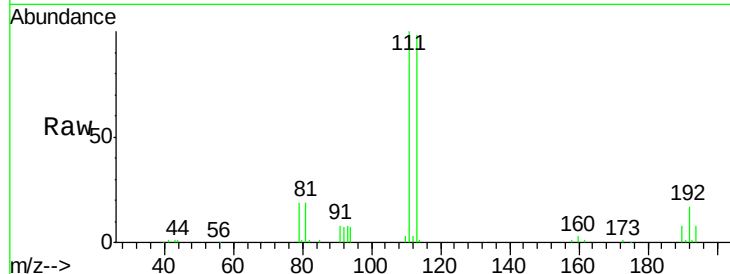




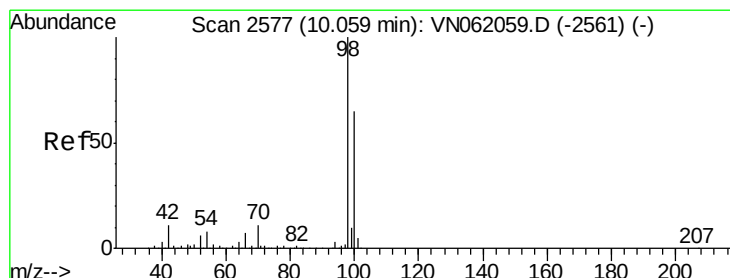
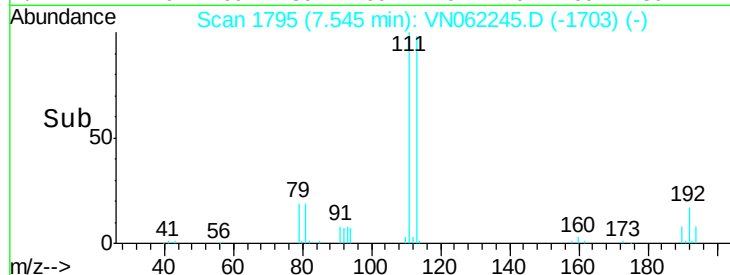
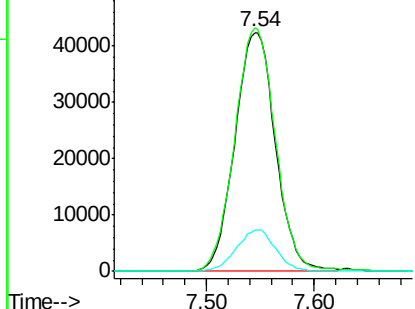
#35
 Dibromofluoromethane
 Concen: 49.026 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062245.D
 Acq: 30 Jun 2020 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

Tot Ion:113 Resp: 110886
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.4
 192 16.8 14.0 21.0

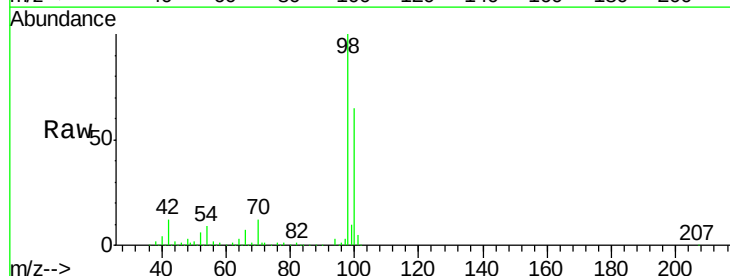


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

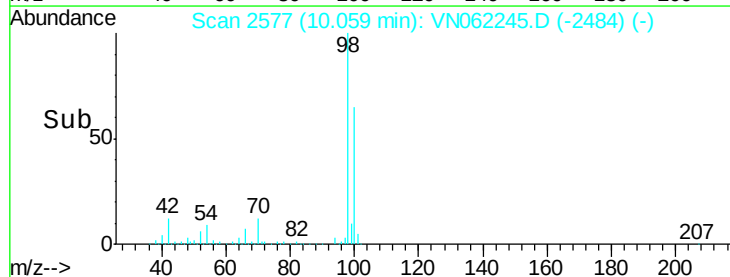
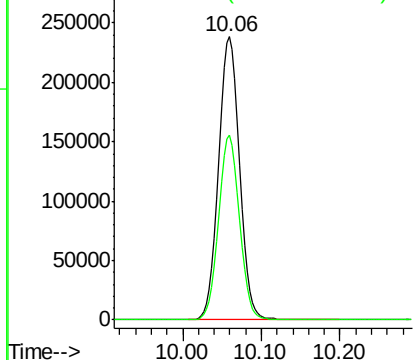


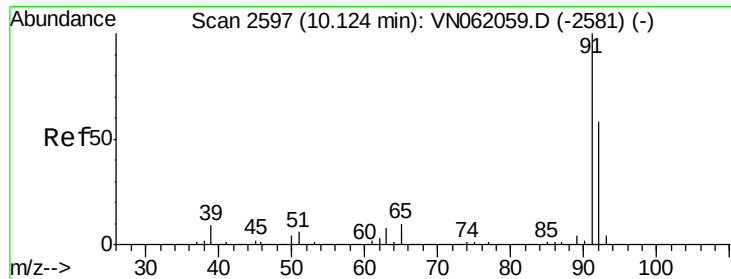
#50
 Toluene-d8
 Concen: 48.438 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062245.D
 Acq: 30 Jun 2020 17:27

Tgt Ion: 98 Resp: 437935
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 15.599 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062245.D

Acq: 30 Jun 2020 17:27

Instrument :

MSVOA_N

ClientSampled :

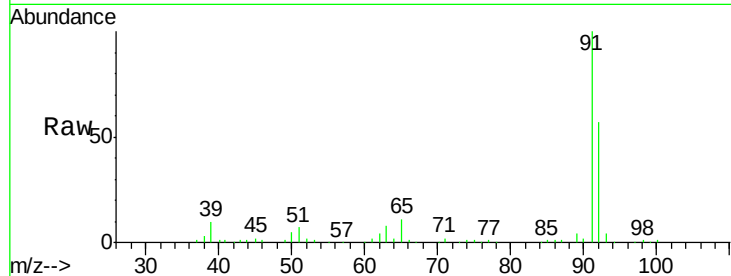
DRUM-COMP

Tot Ion: 92 Resp: 102804

Ion Ratio Lower Upper

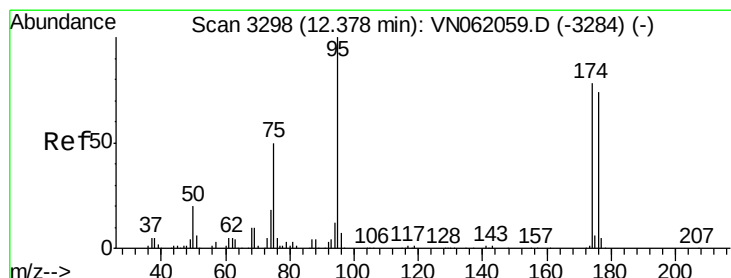
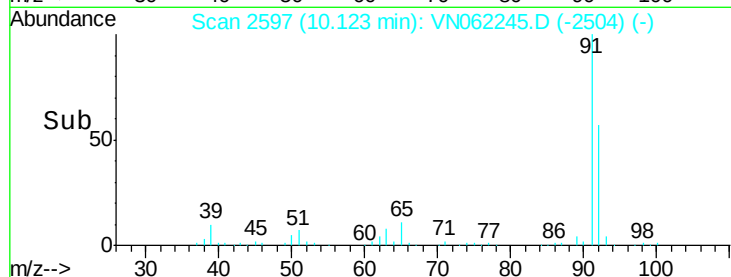
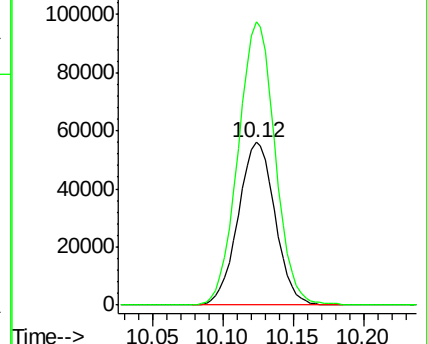
92 100

91 174.2 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 44.480 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062245.D

Acq: 30 Jun 2020 17:27

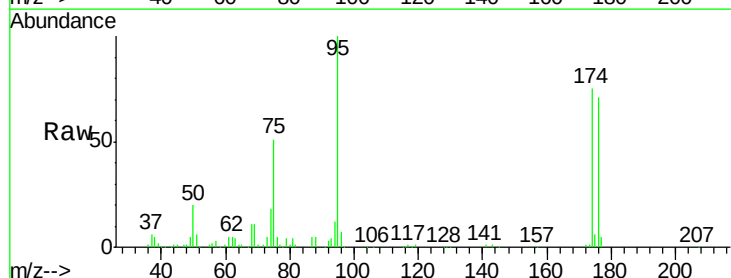
Tgt Ion: 95 Resp: 135869

Ion Ratio Lower Upper

95 100

174 75.7 0.0 154.8

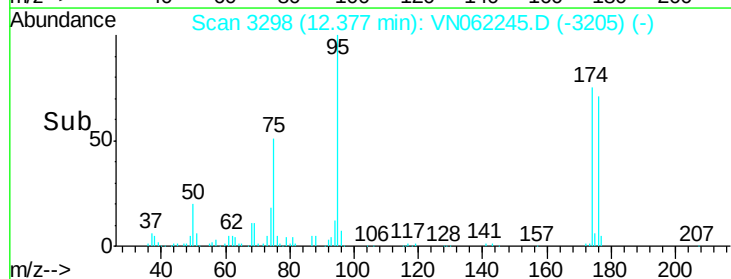
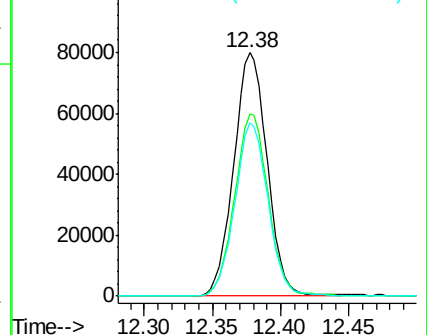
176 70.7 0.0 147.4

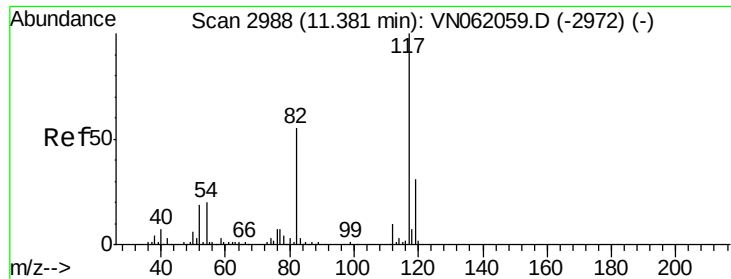


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

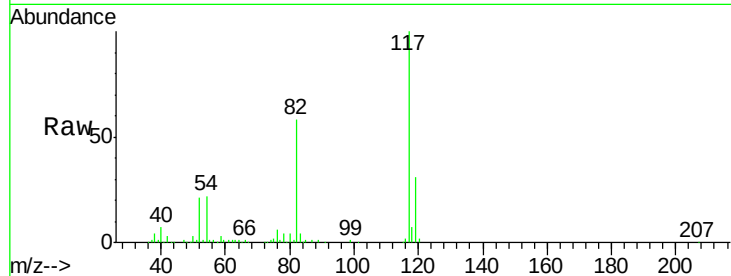




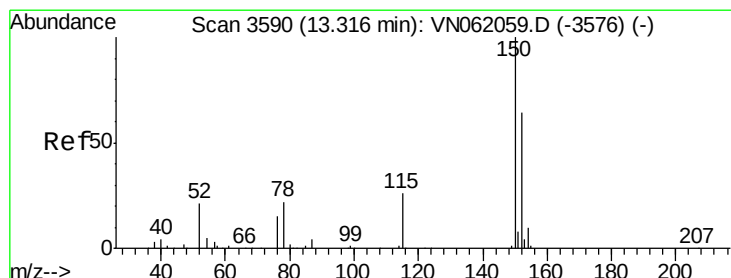
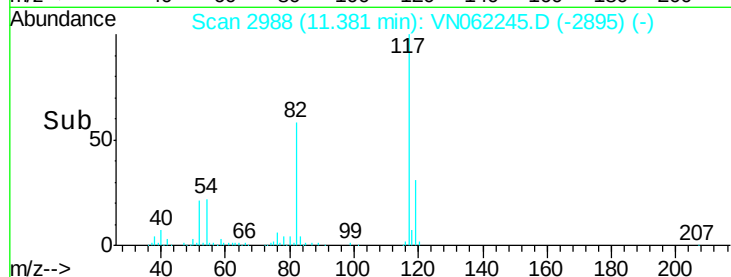
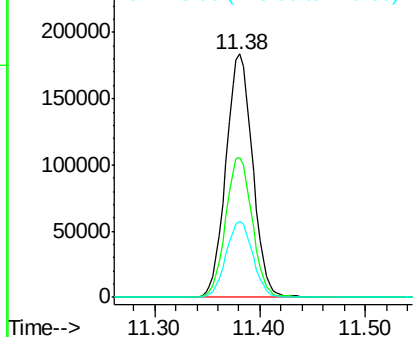
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062245.D
Acq: 30 Jun 2020 17:27

Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

Tot Ion:117 Resp: 321038
Ion Ratio Lower Upper
117 100
82 57.7 43.8 65.8
119 31.0 25.2 37.8

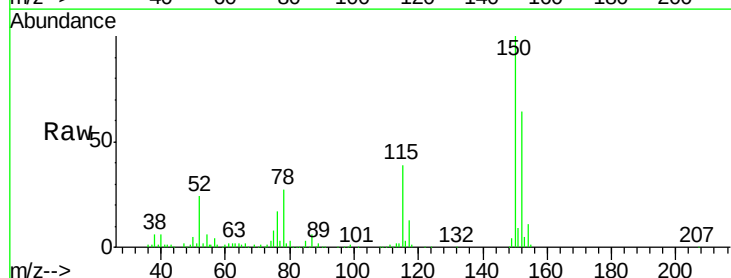


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

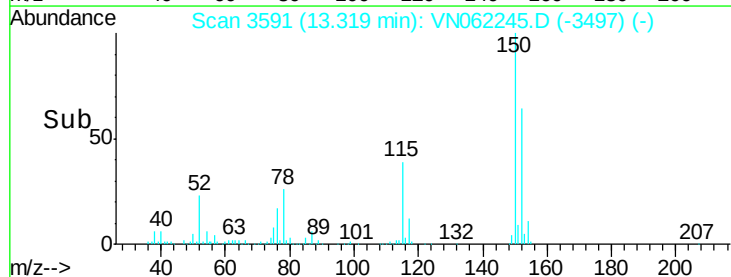
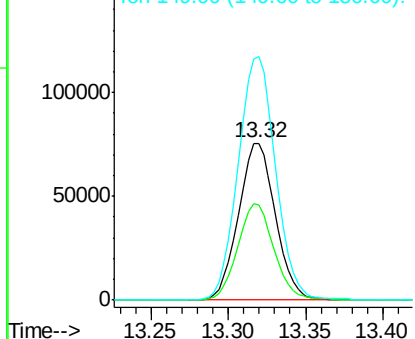


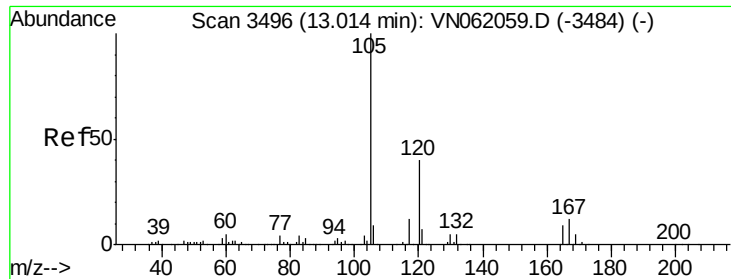
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062245.D
Acq: 30 Jun 2020 17:27

Tgt Ion:152 Resp: 125769
Ion Ratio Lower Upper
152 100
115 60.3 29.5 88.5
150 157.7 0.0 351.4



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





#84

1,2,4-Trimethylbenzene

Concen: 1.268 ug/l

RT: 13.01 min Scan# 3496

Delta R.T. -0.00 min

Lab File: VN062245.D

Acq: 30 Jun 2020 17:27

Instrument :

MSVOA_N

ClientSampleId :

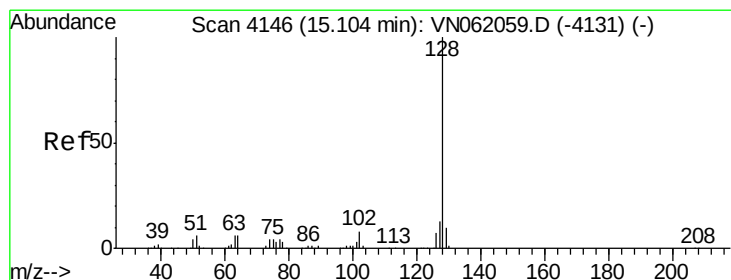
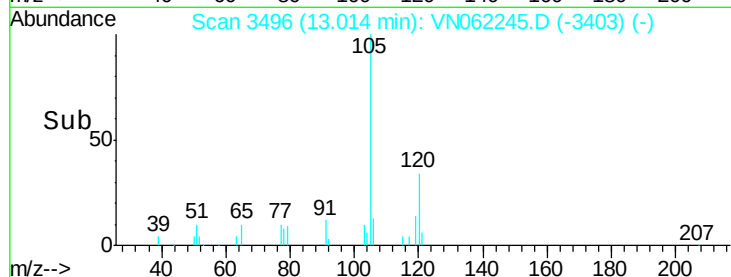
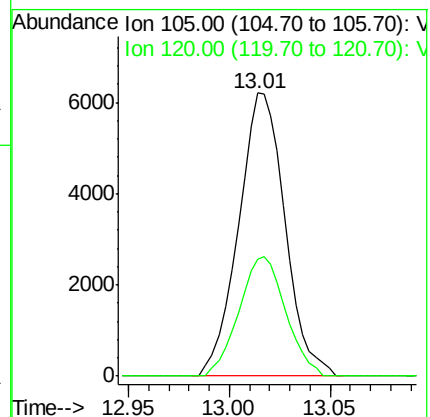
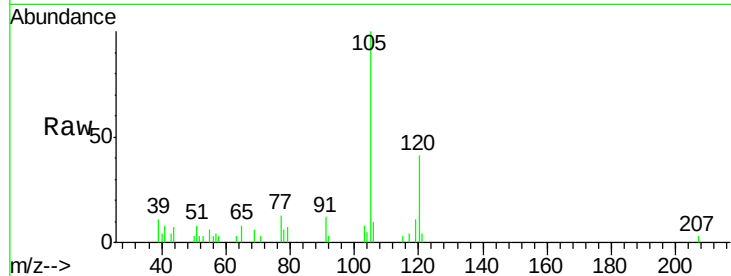
DRUM-COMP

Tot Ion:105 Resp: 9993

Ion Ratio Lower Upper

105 100

120 42.2 23.2 69.5



#95

Naphthalene

Concen: 5.700 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062245.D

Acq: 30 Jun 2020 17:27

Tgt Ion:128 Resp: 11107

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 11.9 8.6 13.0

