

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062330.D
 Acq On : 2 Jul 2020 8:22
 Operator : JC/MD
 Sample : L2814-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-063020

Quant Time: Jul 02 08:51:08 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

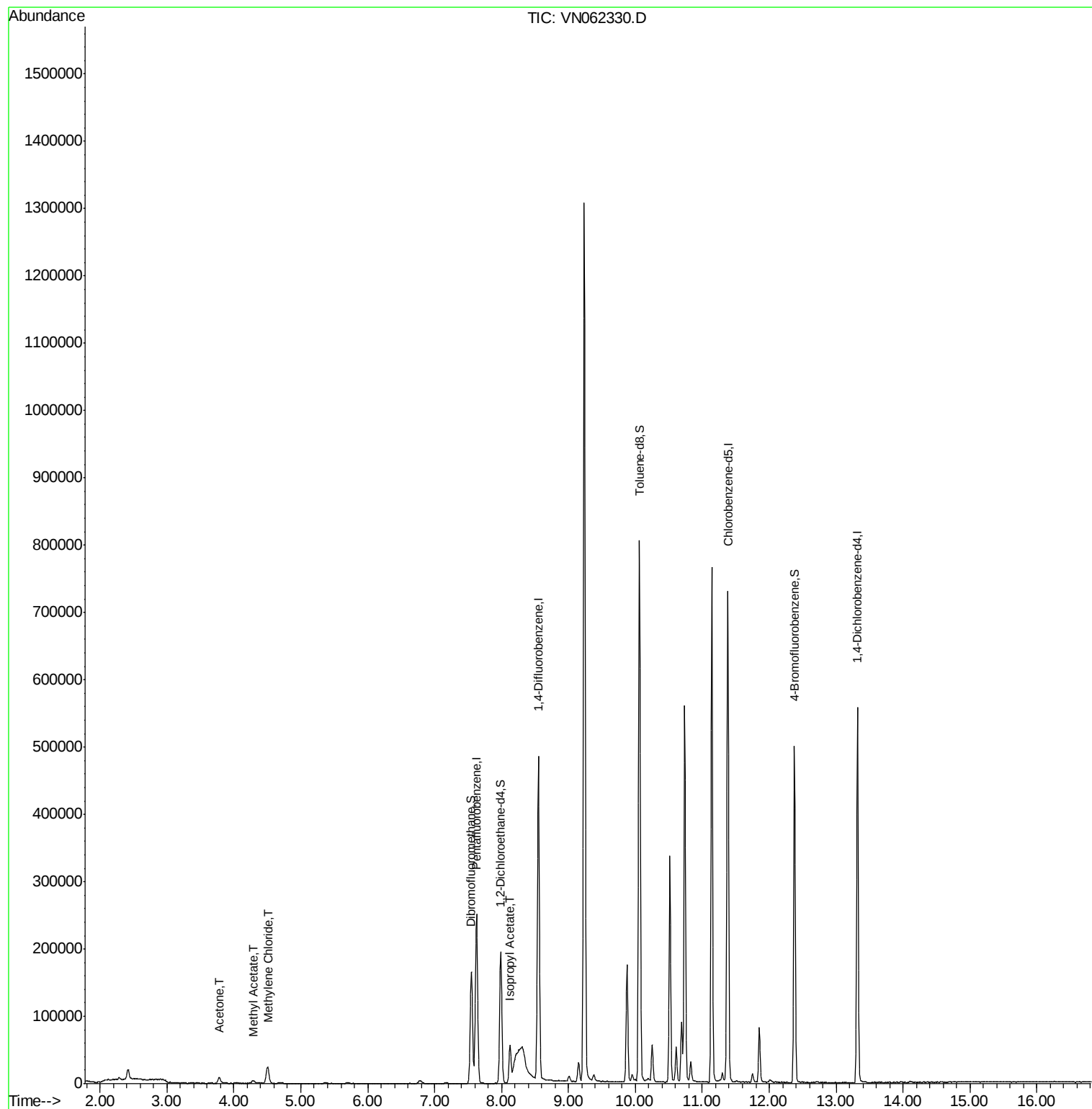
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	189572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	416584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	140986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	162955	61.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.50%	
35) Dibromofluoromethane	7.55	113	128738	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	10.06	98	545206	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.38	95	174128	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
Target Compounds						
16) Acetone	3.78	43	14633	13.695	ug/l	96
18) Methyl Acetate	4.28	43	7712	3.647	ug/l #	68
20) Methylene Chloride	4.50	84	18438	7.365	ug/l	94
43) Isopropyl Acetate	8.13	43	64967	11.494	ug/l	98

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062330.D

Acq: 2 Jul 2020 8:22

Instrument :

MSVOA_N

ClientSampleId :

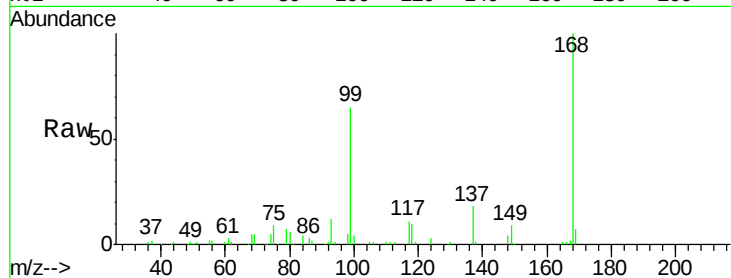
PL-02-063020

Tot Ion:168 Resp: 189572

Ion Ratio Lower Upper

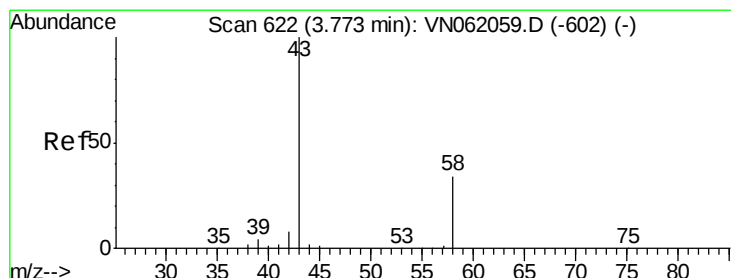
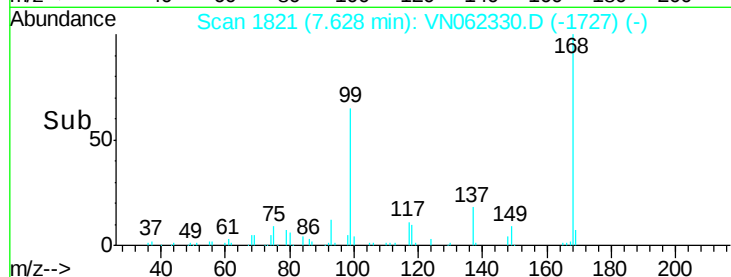
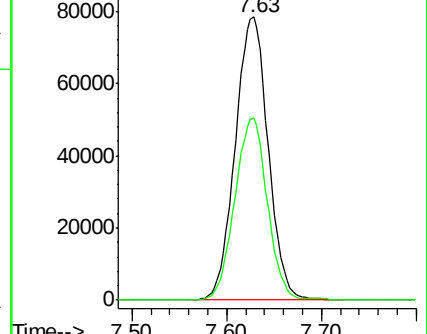
168 100

99 64.5 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 13.695 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062330.D

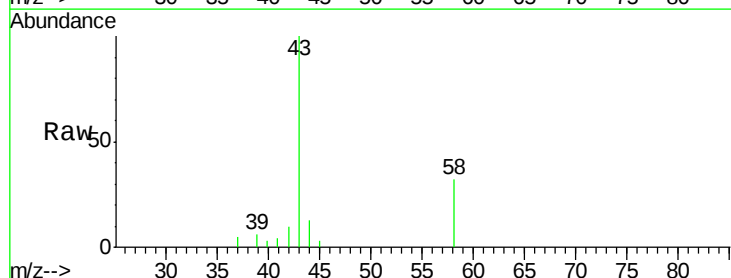
Acq: 2 Jul 2020 8:22

Tgt Ion: 43 Resp: 14633

Ion Ratio Lower Upper

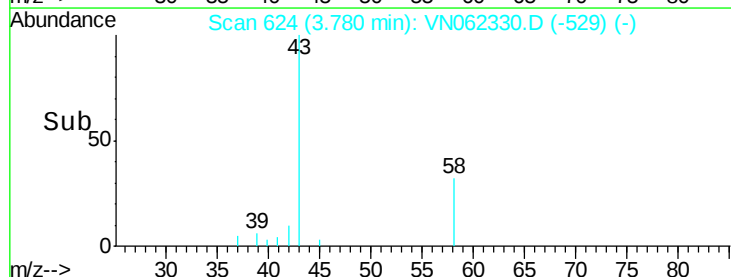
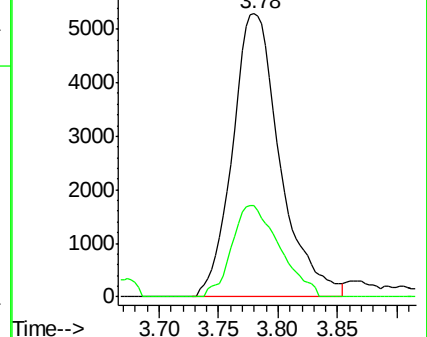
43 100

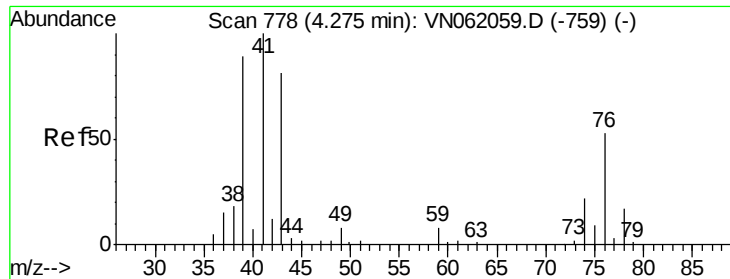
58 32.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

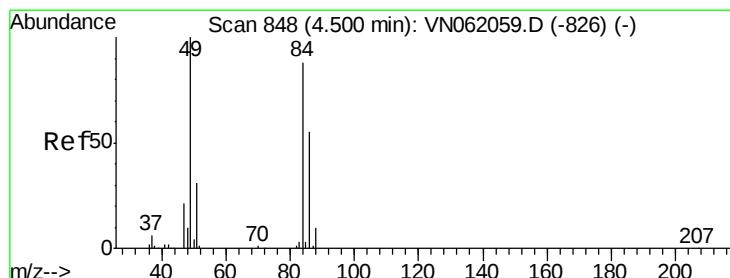
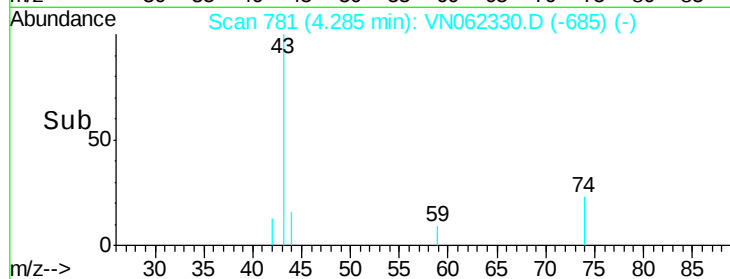
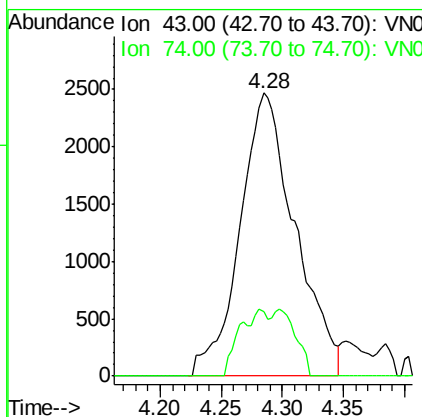
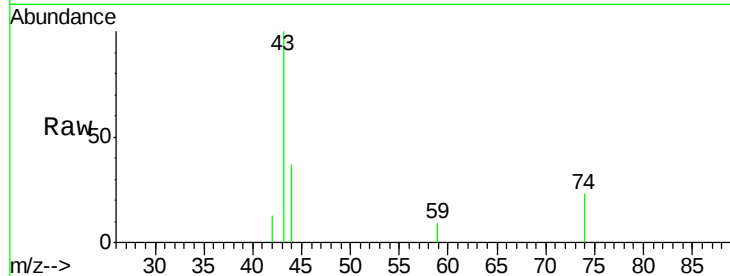




#18
Methyl Acetate
Concen: 3.647 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062330.D
Acq: 2 Jul 2020 8:22

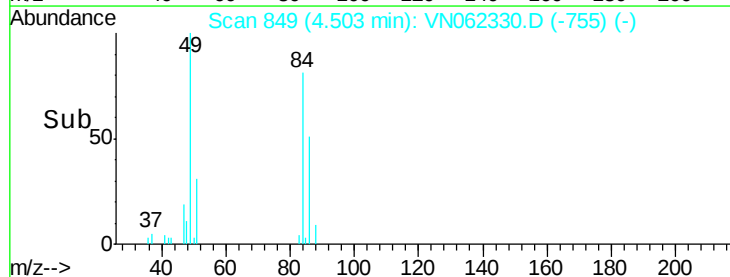
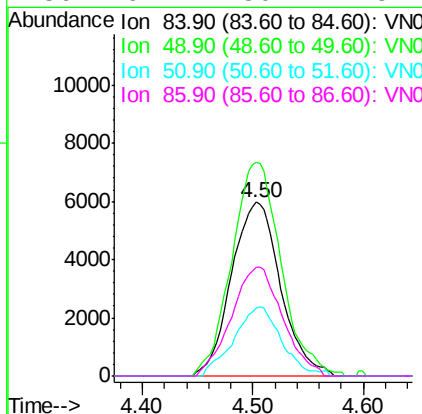
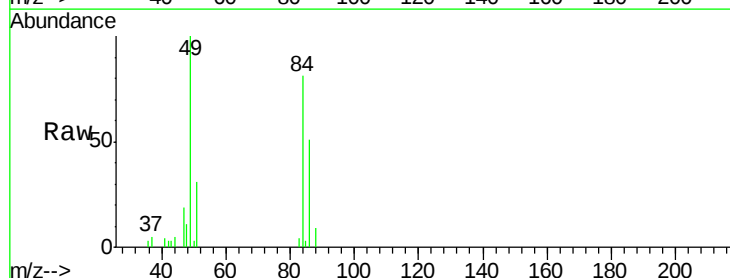
Instrument :
MSVOA_N
ClientSampled :
PL-02-063020

Tot Ion: 43 Resp: 7712
Ion Ratio Lower Upper
43 100
74 11.8 22.9 34.3#



#20
Methylene Chloride
Concen: 7.365 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062330.D
Acq: 2 Jul 2020 8:22

Tgt Ion: 84 Resp: 18438
Ion Ratio Lower Upper
84 100
49 123.1 90.6 136.0
51 38.8 27.8 41.8
86 62.4 50.1 75.1

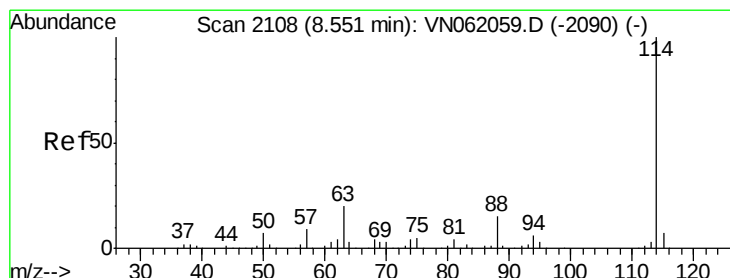
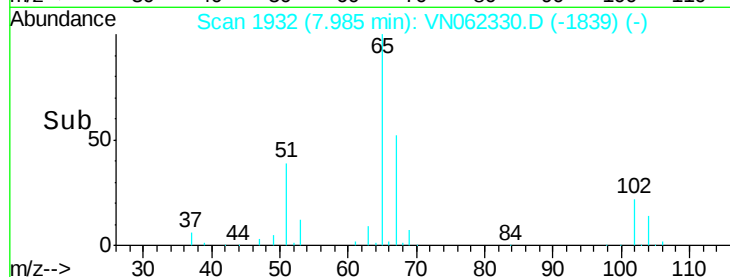
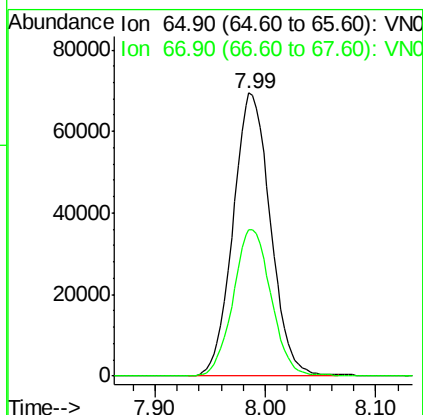
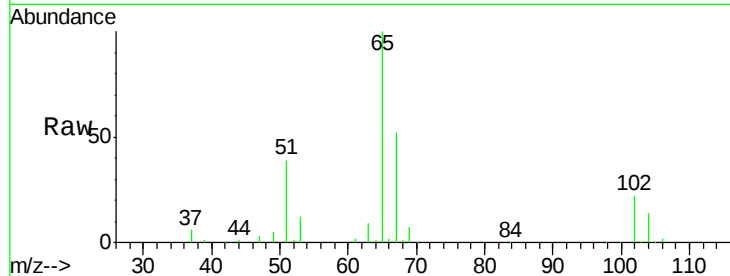




#33
 1,2-Dichloroethane-d4
 Concen: 61.254 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062330.D
 Acq: 2 Jul 2020 8:22

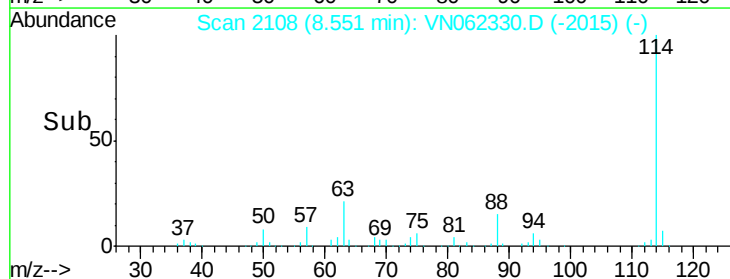
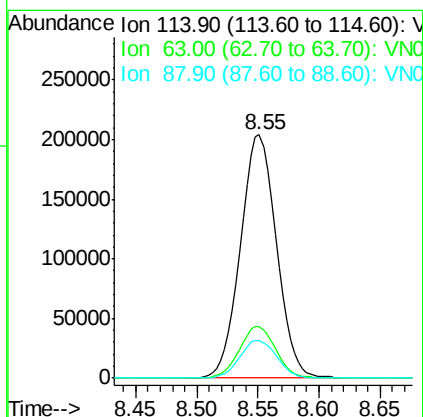
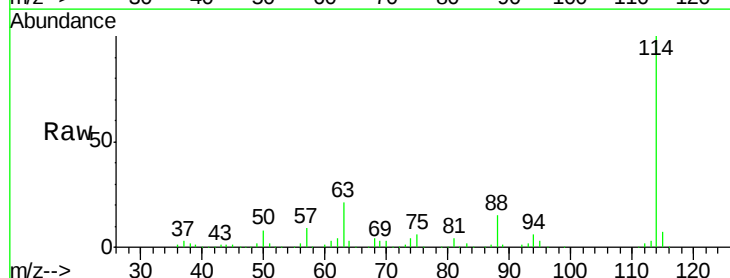
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-063020

Tot Ion: 65 Resp: 162955
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062330.D
 Acq: 2 Jul 2020 8:22

Tgt Ion: 114 Resp: 416584
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.2
 88 15.4 0.0 30.8

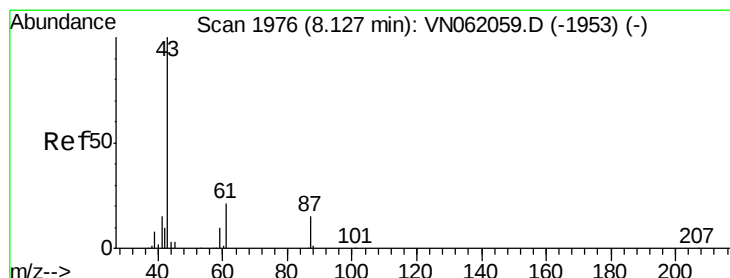
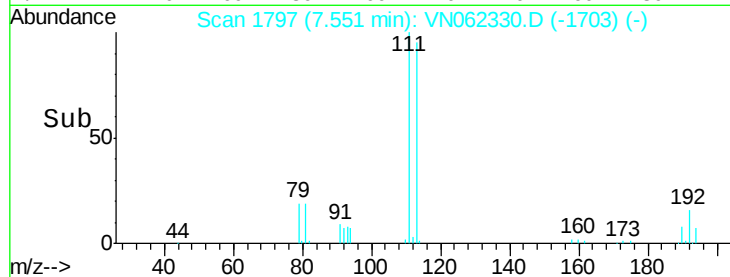
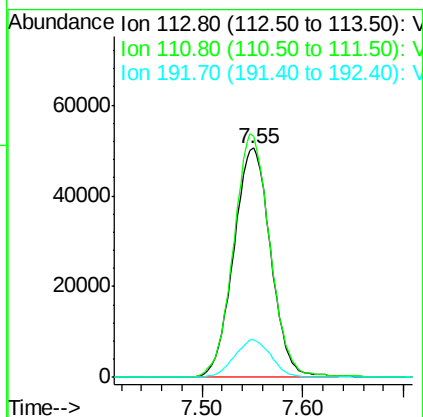
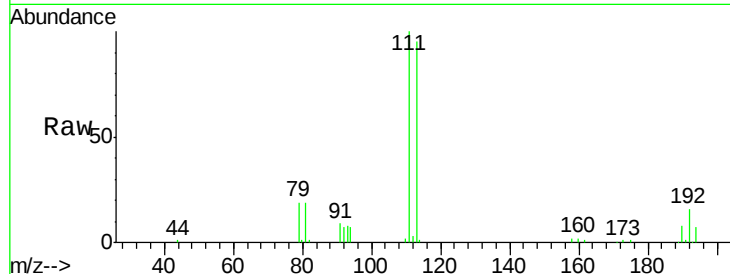




#35
 Dibromofluoromethane
 Concen: 48.170 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062330.D
 Acq: 2 Jul 2020 8:22

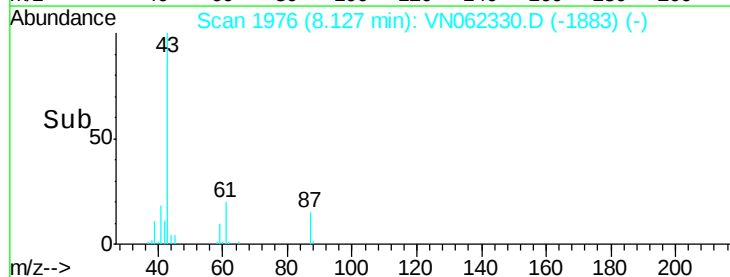
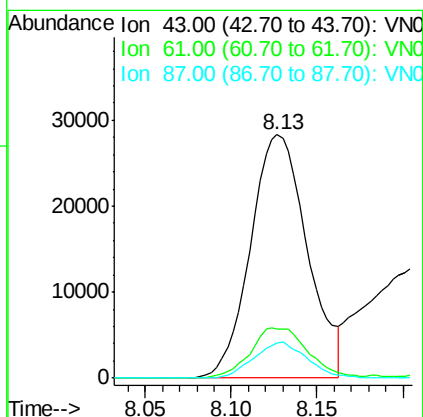
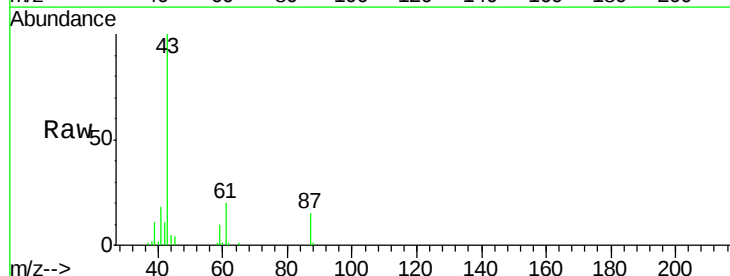
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-063020

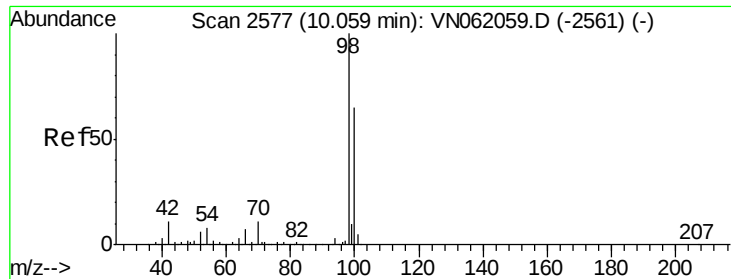
Tot Ion:113 Resp: 128738
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.2 123.4
 192 16.1 14.0 21.0



#43
 Isopropyl Acetate
 Concen: 11.494 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: VN062330.D
 Acq: 2 Jul 2020 8:22

Tgt Ion: 43 Resp: 64967
 Ion Ratio Lower Upper
 43 100
 61 21.0 17.2 25.8
 87 13.8 12.1 18.1





#50

Toluene-d8

Concen: 51.034 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062330.D

Acq: 2 Jul 2020 8:22

Instrument :

MSVOA_N

ClientSampleId :

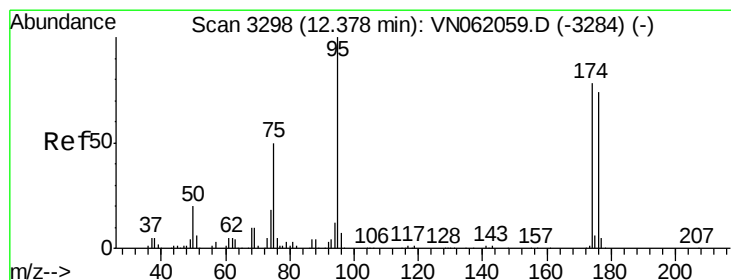
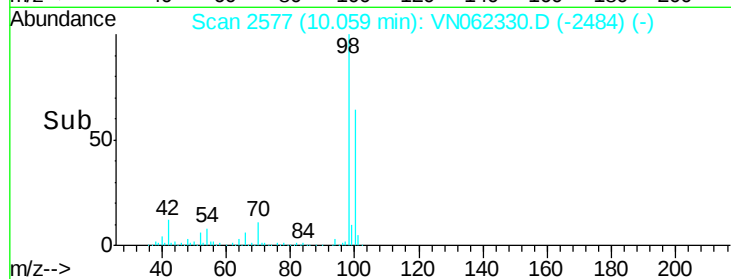
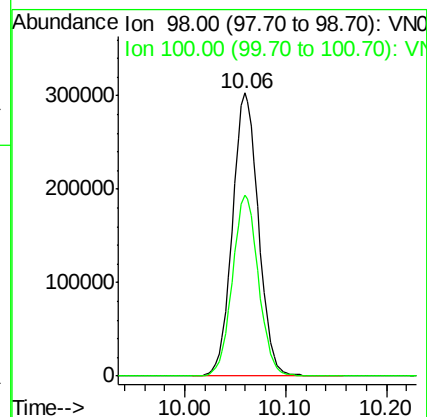
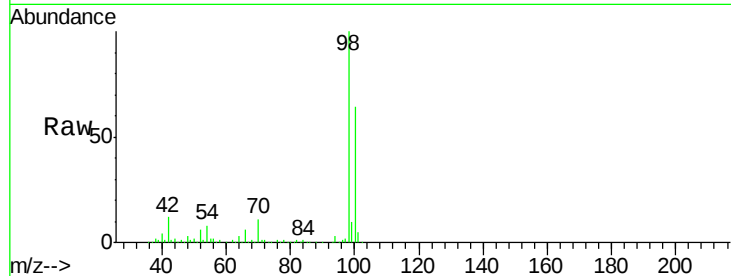
PL-02-063020

Tot Ion: 98 Resp: 545206

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 48.243 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062330.D

Acq: 2 Jul 2020 8:22

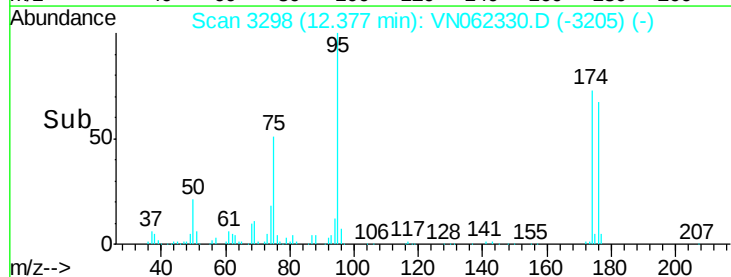
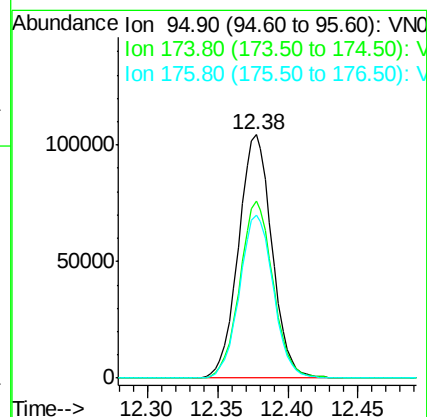
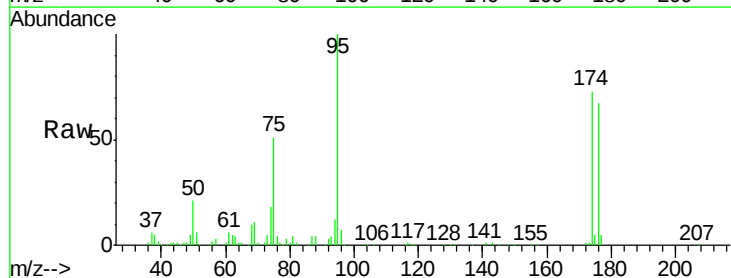
Tgt Ion: 95 Resp: 174128

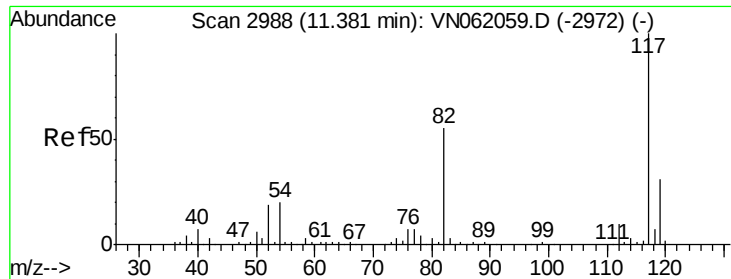
Ion Ratio Lower Upper

95 100

174 72.1 0.0 154.8

176 67.7 0.0 147.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062330.D

Acq: 2 Jul 2020 8:22

Instrument :

MSVOA_N

ClientSampleId :

PL-02-063020

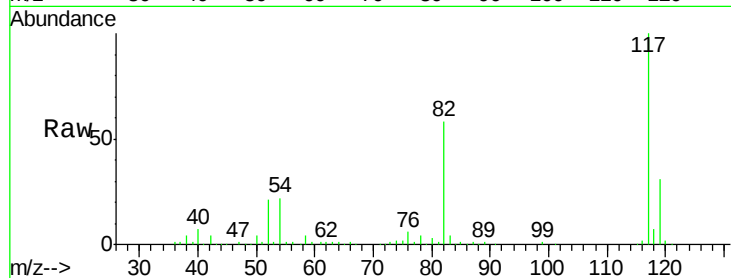
Tot Ion:117 Resp: 414935

Ion Ratio Lower Upper

117 100

82 58.4 43.8 65.8

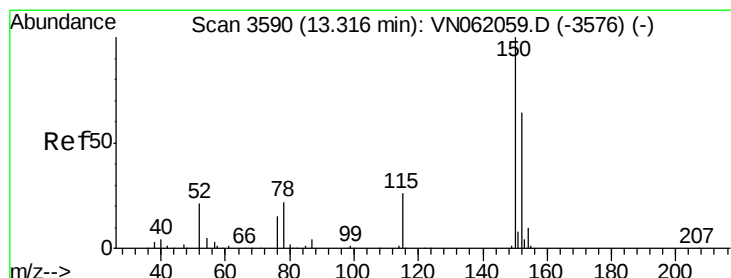
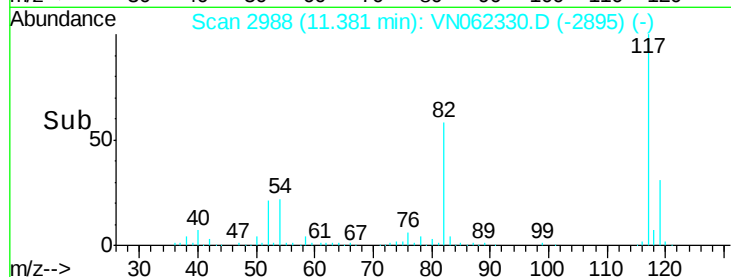
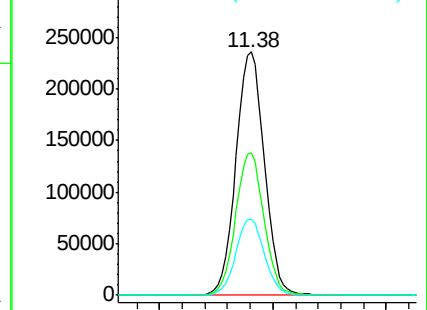
119 31.4 25.2 37.8



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: VN062330.D

Acq: 2 Jul 2020 8:22

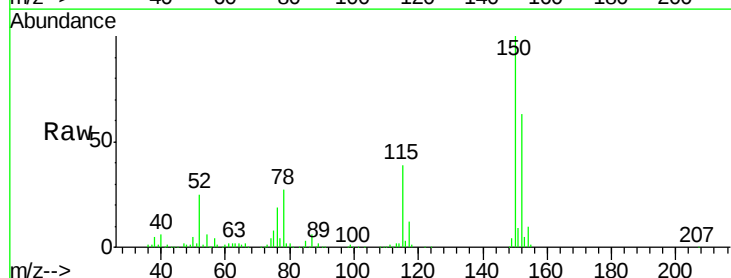
Tgt Ion:152 Resp: 140986

Ion Ratio Lower Upper

152 100

115 61.7 29.5 88.5

150 159.6 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

