

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062607.D
 Acq On : 27 Jul 2020 18:45
 Operator : JC/MD
 Sample : PB130485ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB130485ZHE#04

Quant Time: Jul 28 07:05:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

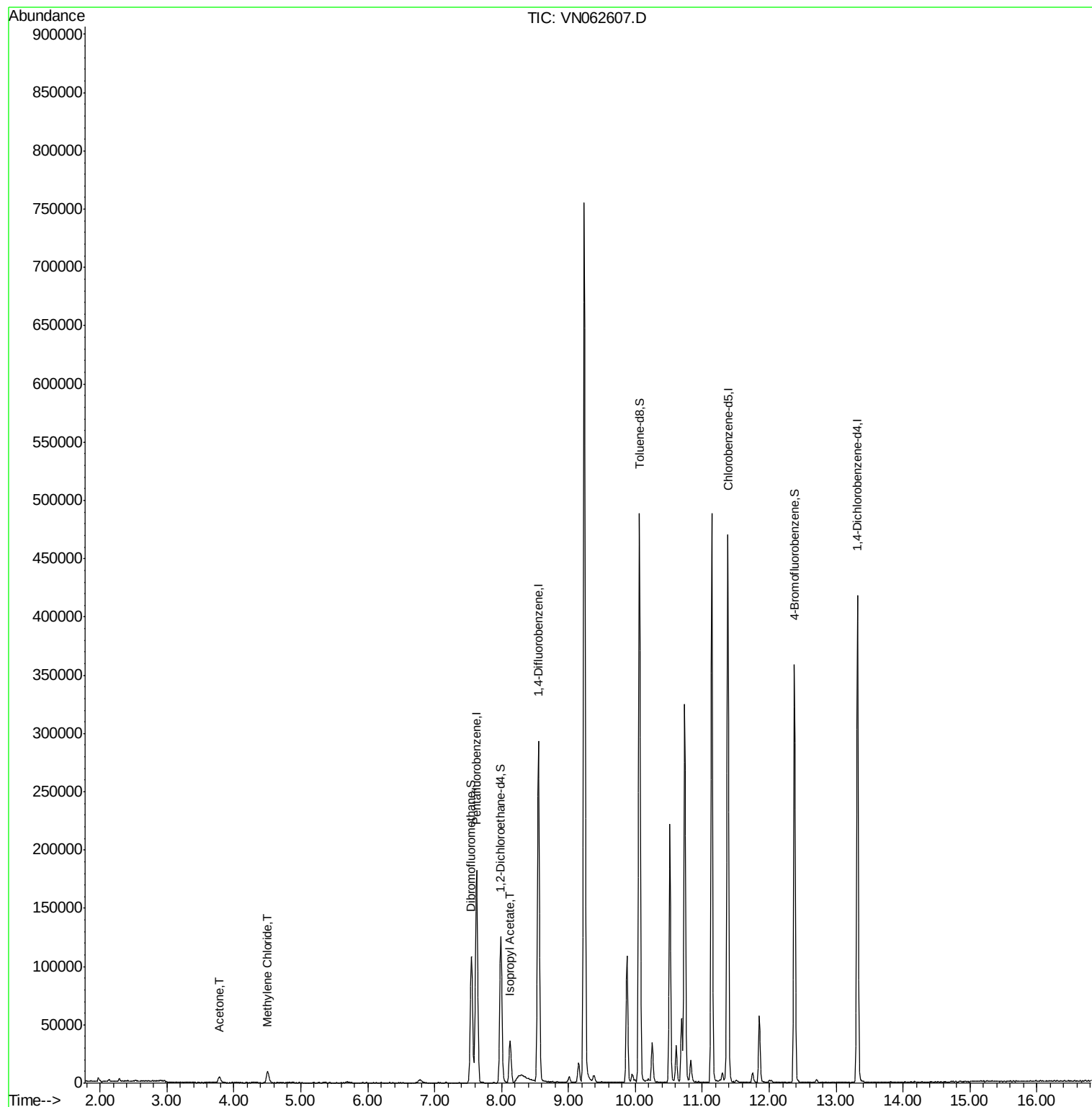
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	139515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	250454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	251843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	107427	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	117098	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
35) Dibromofluoromethane	7.55	113	82623	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	10.06	98	325428	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.38	95	127112	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
Target Compounds						
16) Acetone	3.78	43	9522	11.675	ug/l	100
20) Methylene Chloride	4.50	84	6874	3.514	ug/l	94
43) Isopropyl Acetate	8.13	43	43571	9.392	ug/l #	89

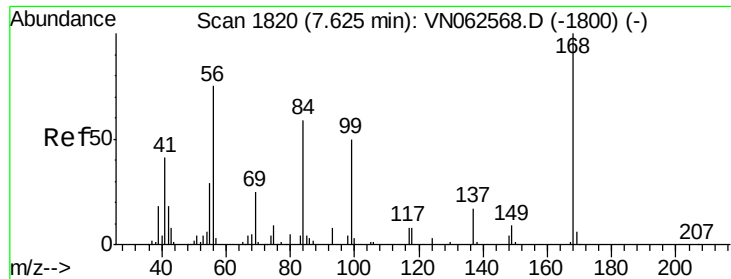
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072720\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

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Acq: 27 Jul 2020 18:45

Instrument :

MSVOA_N

ClientSampleId :

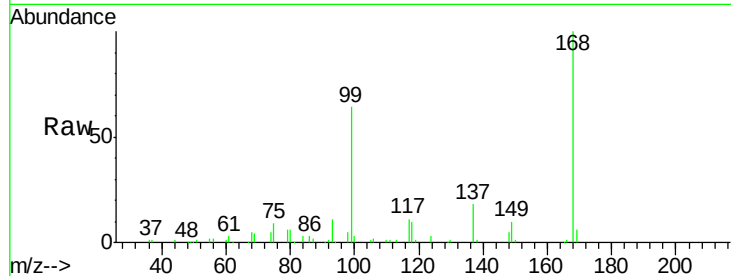
PB130485ZHE#04

Tot Ion:168 Resp: 139515

Ion Ratio Lower Upper

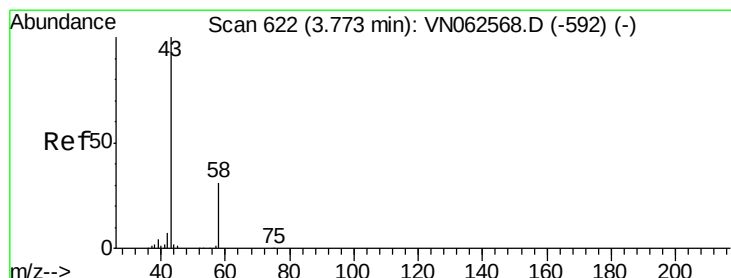
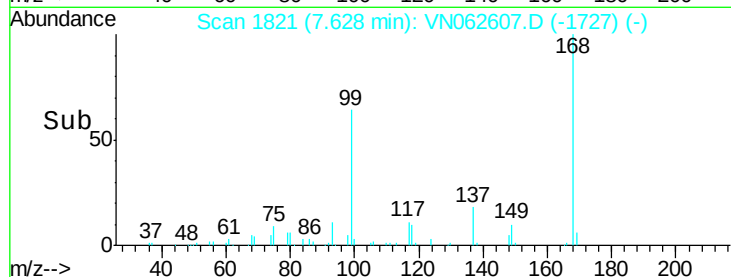
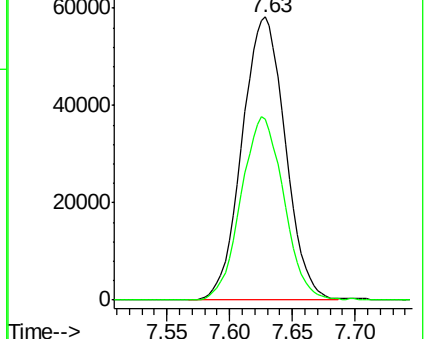
168 100

99 63.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 11.675 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062607.D

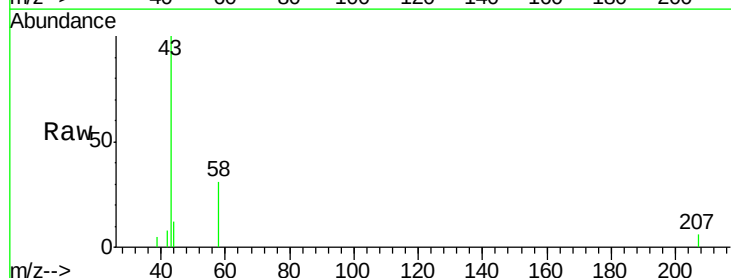
Acq: 27 Jul 2020 18:45

Tgt Ion: 43 Resp: 9522

Ion Ratio Lower Upper

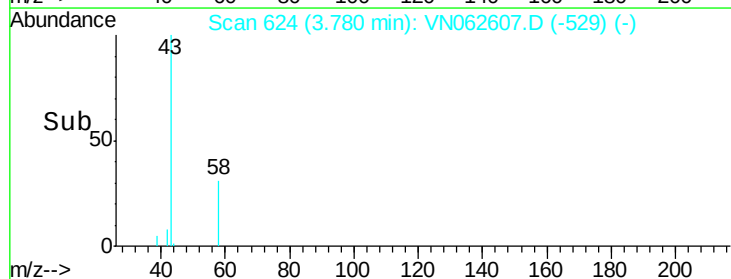
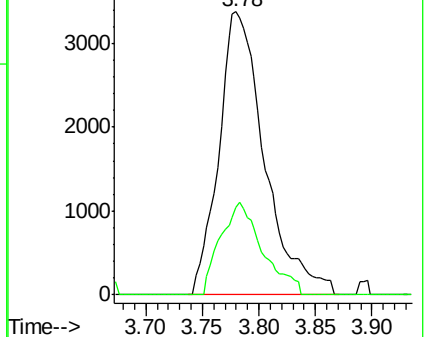
43 100

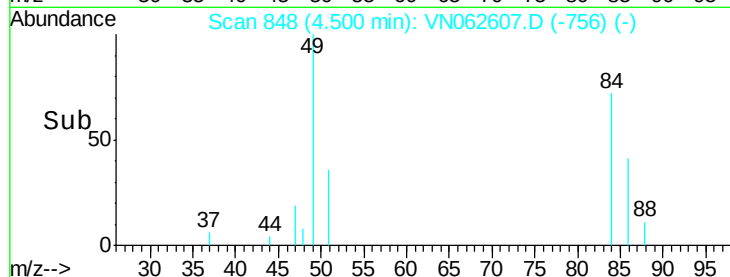
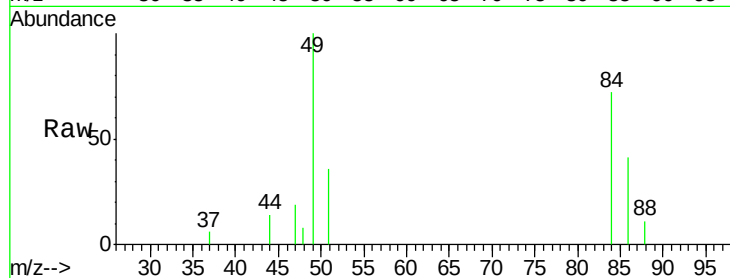
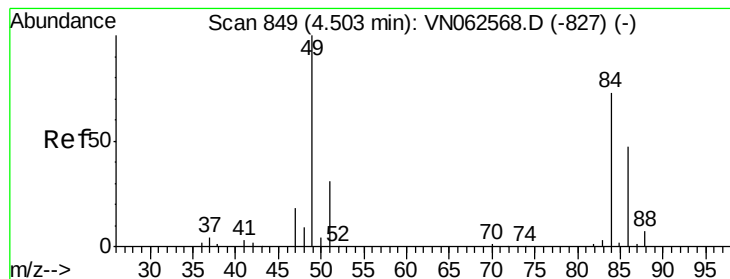
58 31.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 3.514 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN062607.D

Acq: 27 Jul 2020 18:45

Instrument :

MSVOA_N

ClientSampleId :

PB130485ZHE#04

Tot Ion: 84 Resp: 6874

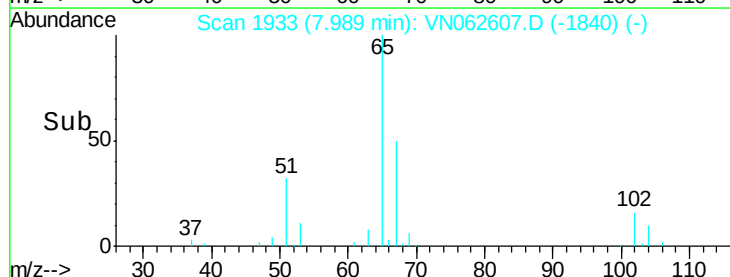
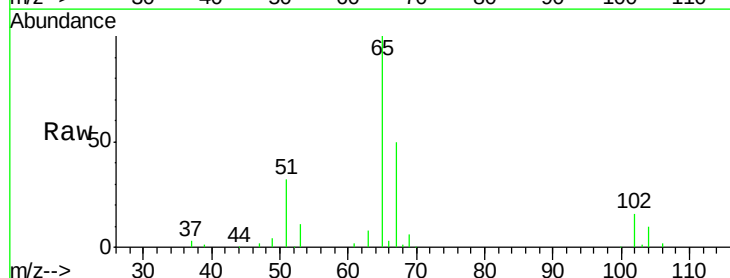
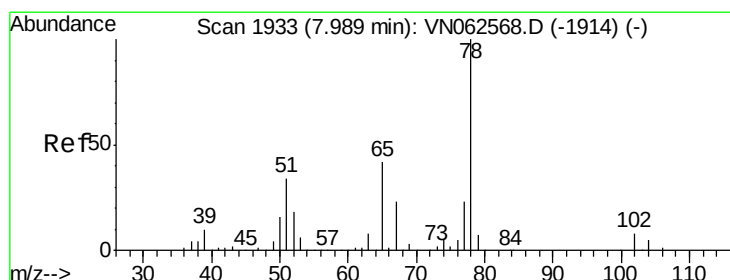
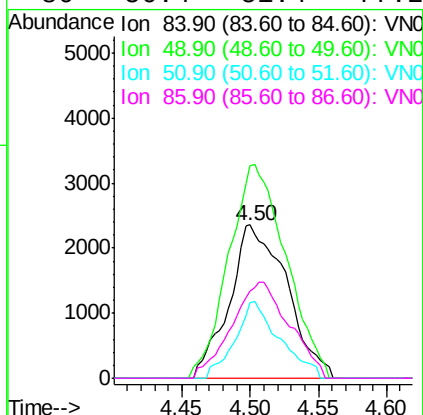
Ion Ratio Lower Upper

84 100

49 138.8 109.4 164.0

51 49.3 33.6 50.4

86 56.4 51.4 77.2



#33

1,2-Dichloroethane-d4

Concen: 54.029 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062607.D

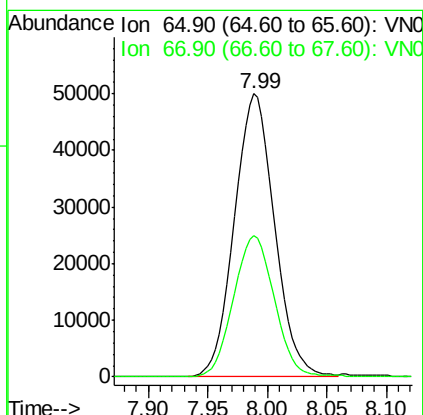
Acq: 27 Jul 2020 18:45

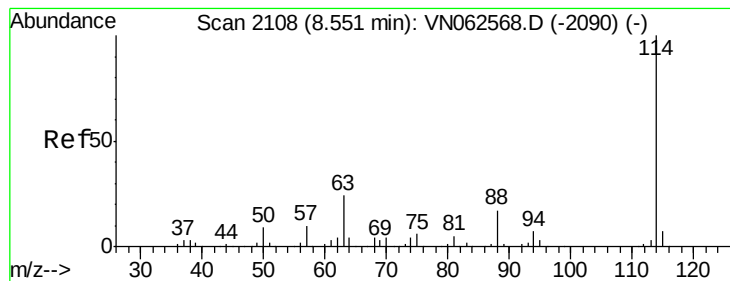
Tgt Ion: 65 Resp: 117098

Ion Ratio Lower Upper

65 100

67 50.5 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062607.D

Acq: 27 Jul 2020 18:45

Instrument :

MSVOA_N

ClientSampleId :

PB130485ZHE#04

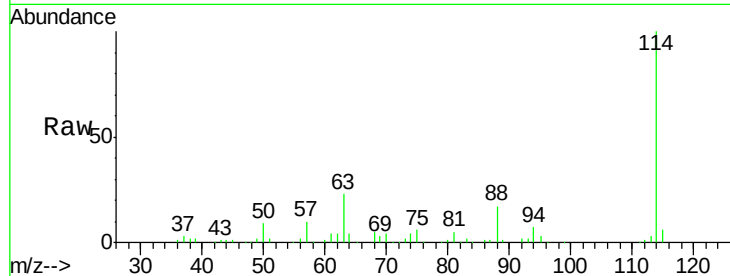
Tot Ion:114 Resp: 250454

Ion Ratio Lower Upper

114 100

63 23.3 0.0 48.4

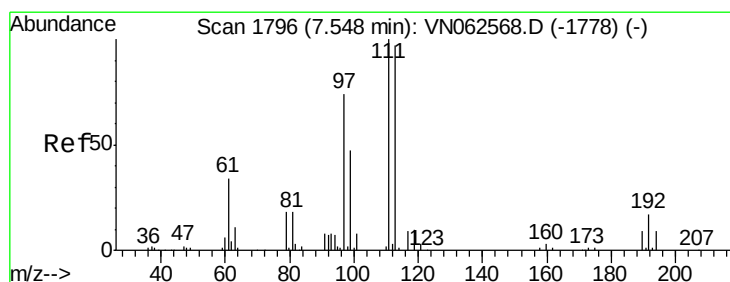
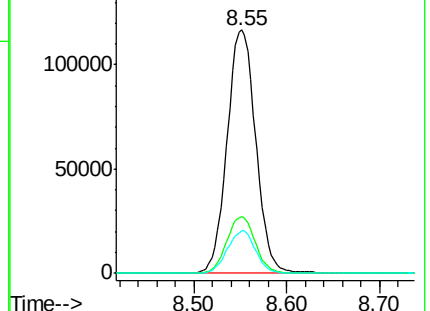
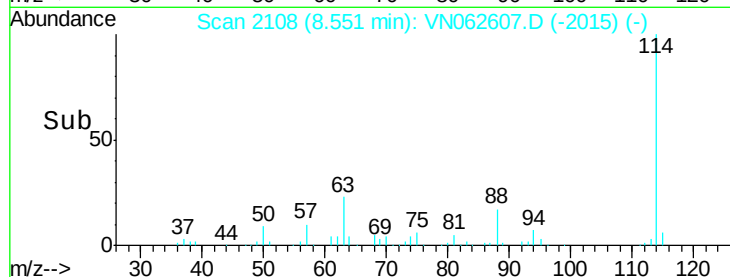
88 17.4 0.0 33.8



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: 50.223 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN062607.D

Acq: 27 Jul 2020 18:45

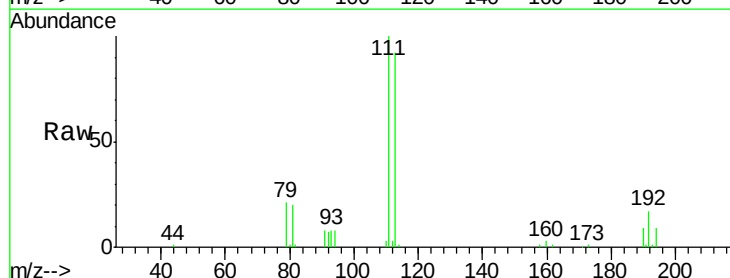
Tgt Ion:113 Resp: 82623

Ion Ratio Lower Upper

113 100

111 103.8 82.7 124.1

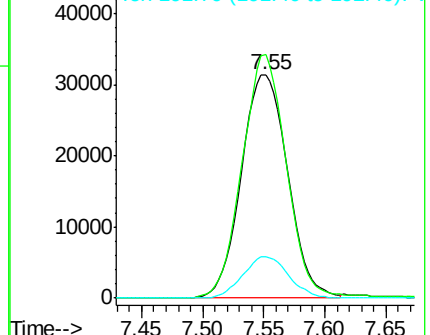
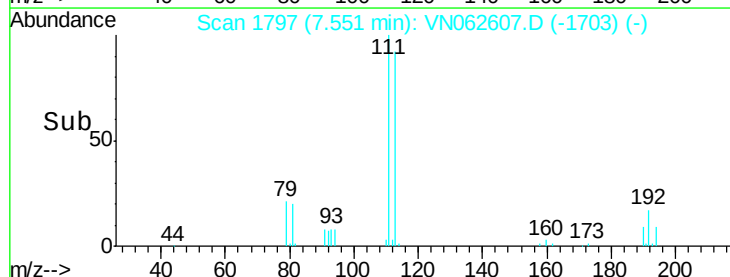
192 18.3 14.8 22.2

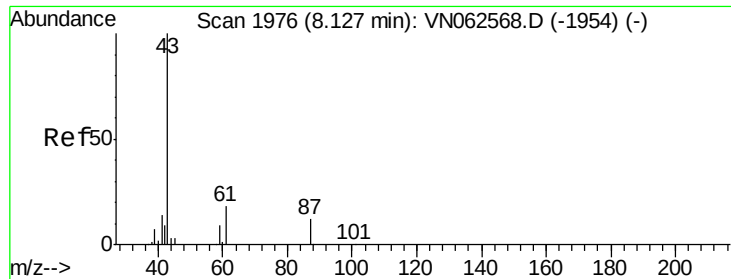


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.392 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062607.D

Acq: 27 Jul 2020 18:45

Instrument :

MSVOA_N

ClientSampleId :

PB130485ZHE#04

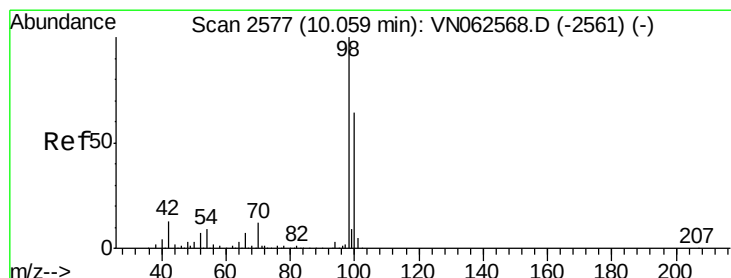
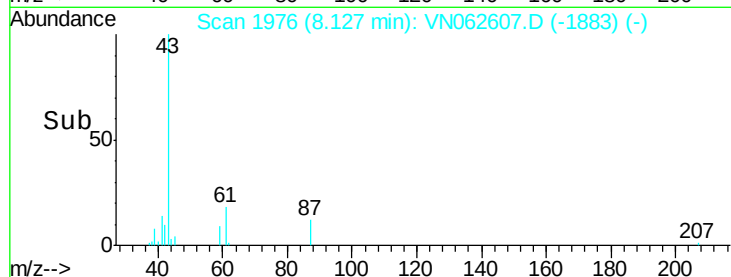
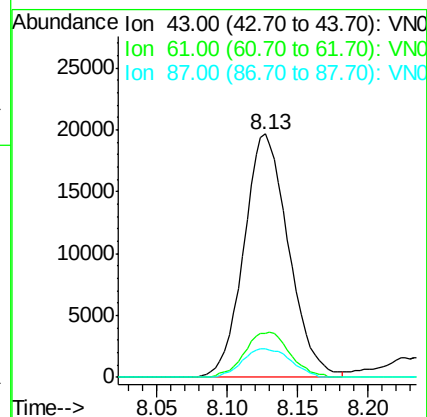
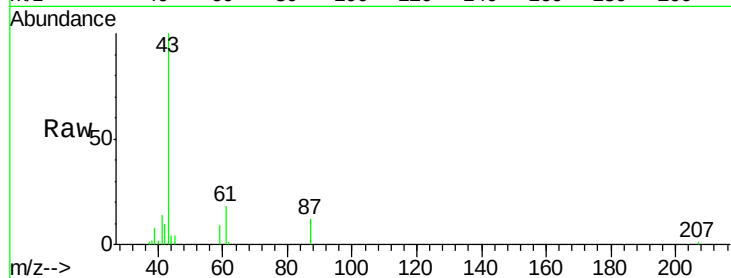
Tot Ion: 43 Resp: 43571

Ion Ratio Lower Upper

43 100

61 18.8 20.8 31.2#

87 12.6 9.2 13.8



#50

Toluene-d8

Concen: 49.578 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062607.D

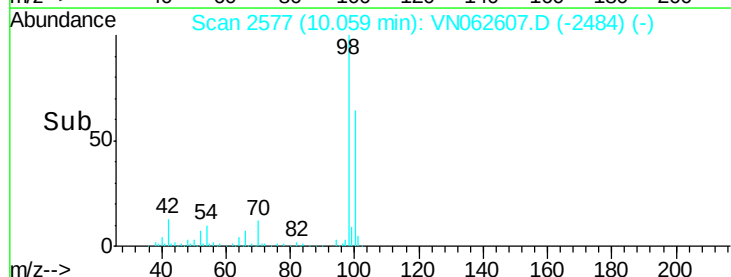
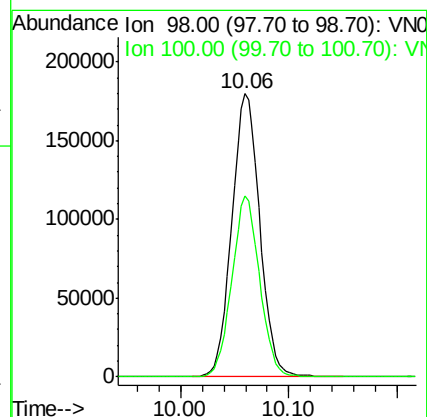
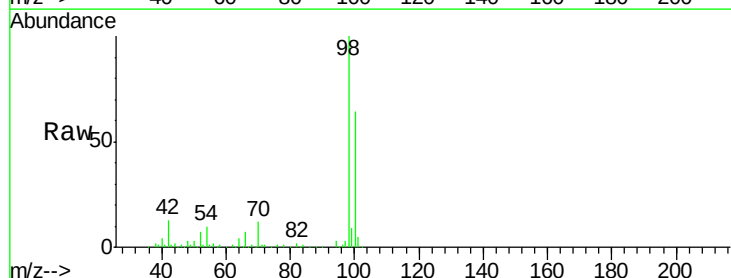
Acq: 27 Jul 2020 18:45

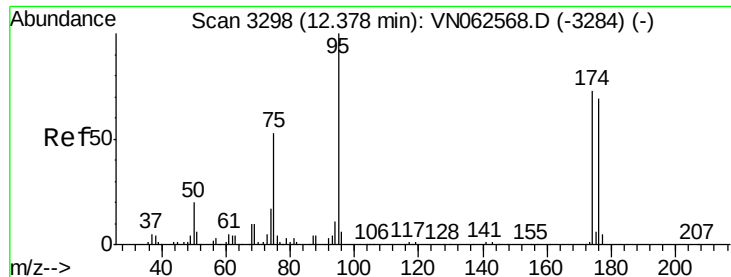
Tgt Ion: 98 Resp: 325428

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3

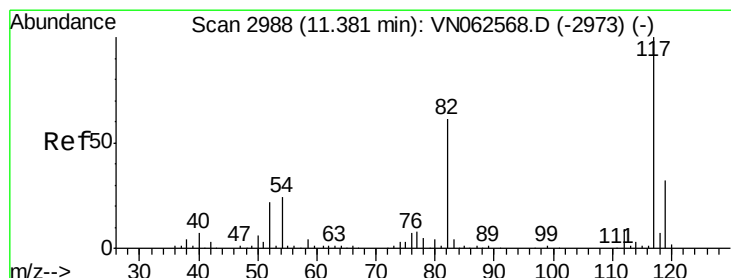
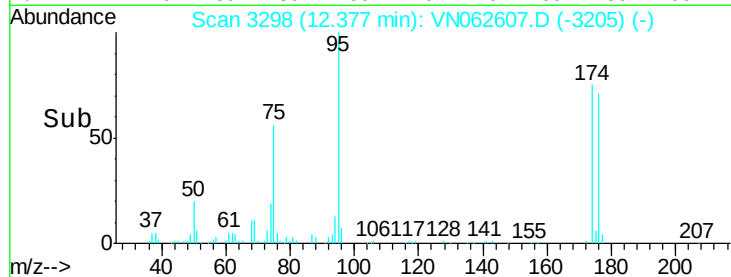
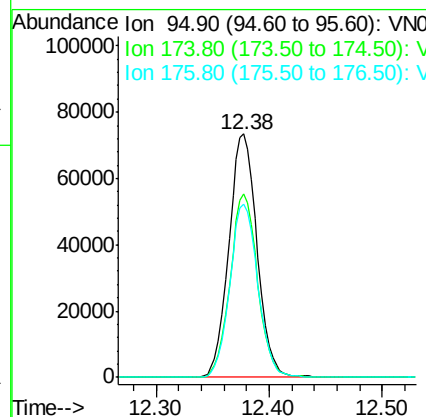
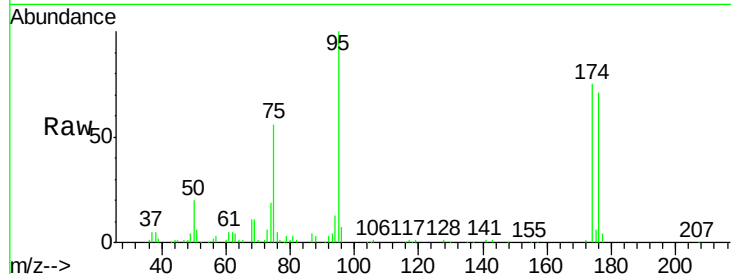




#62
4-Bromofluorobenzene
Concen: 52.962 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062607.D
Acq: 27 Jul 2020 18:45

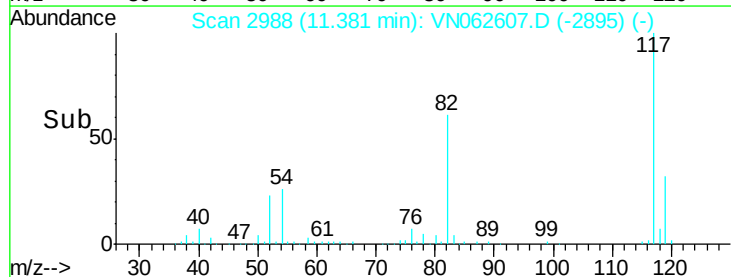
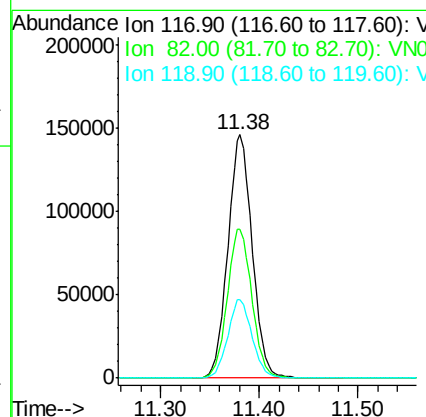
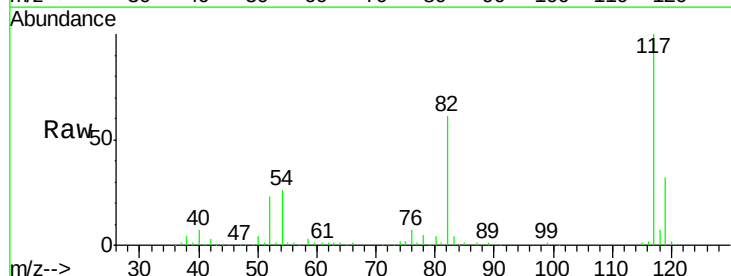
Instrument :
MSVOA_N
ClientSampleId :
PB130485ZHE#04

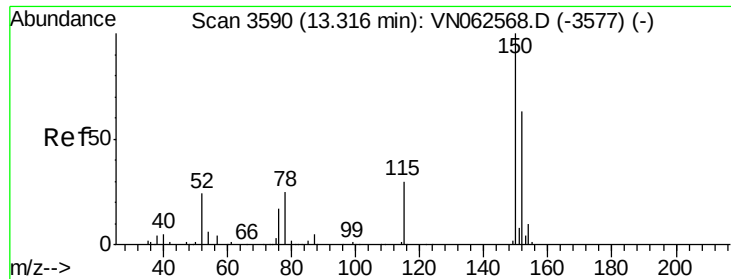
Tot Ion: 95 Resp: 127112
Ion Ratio Lower Upper
95 100
174 73.6 0.0 144.6
176 70.9 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062607.D
Acq: 27 Jul 2020 18:45

Tgt Ion: 117 Resp: 251843
Ion Ratio Lower Upper
117 100
82 61.2 49.0 73.6
119 32.5 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062607.D

Acq: 27 Jul 2020 18:45

Instrument :

MSVOA_N

ClientSampleId :

PB130485ZHE#04

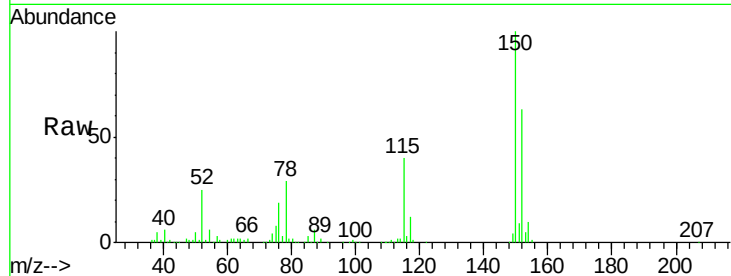
Tot Ion:152 Resp: 107427

Ion Ratio Lower Upper

152 100

115 64.6 31.8 95.4

150 159.4 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

