

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062697.D
 Acq On : 31 Jul 2020 19:56
 Operator : JC/MD
 Sample : L3511-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Aug 01 07:21:26 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

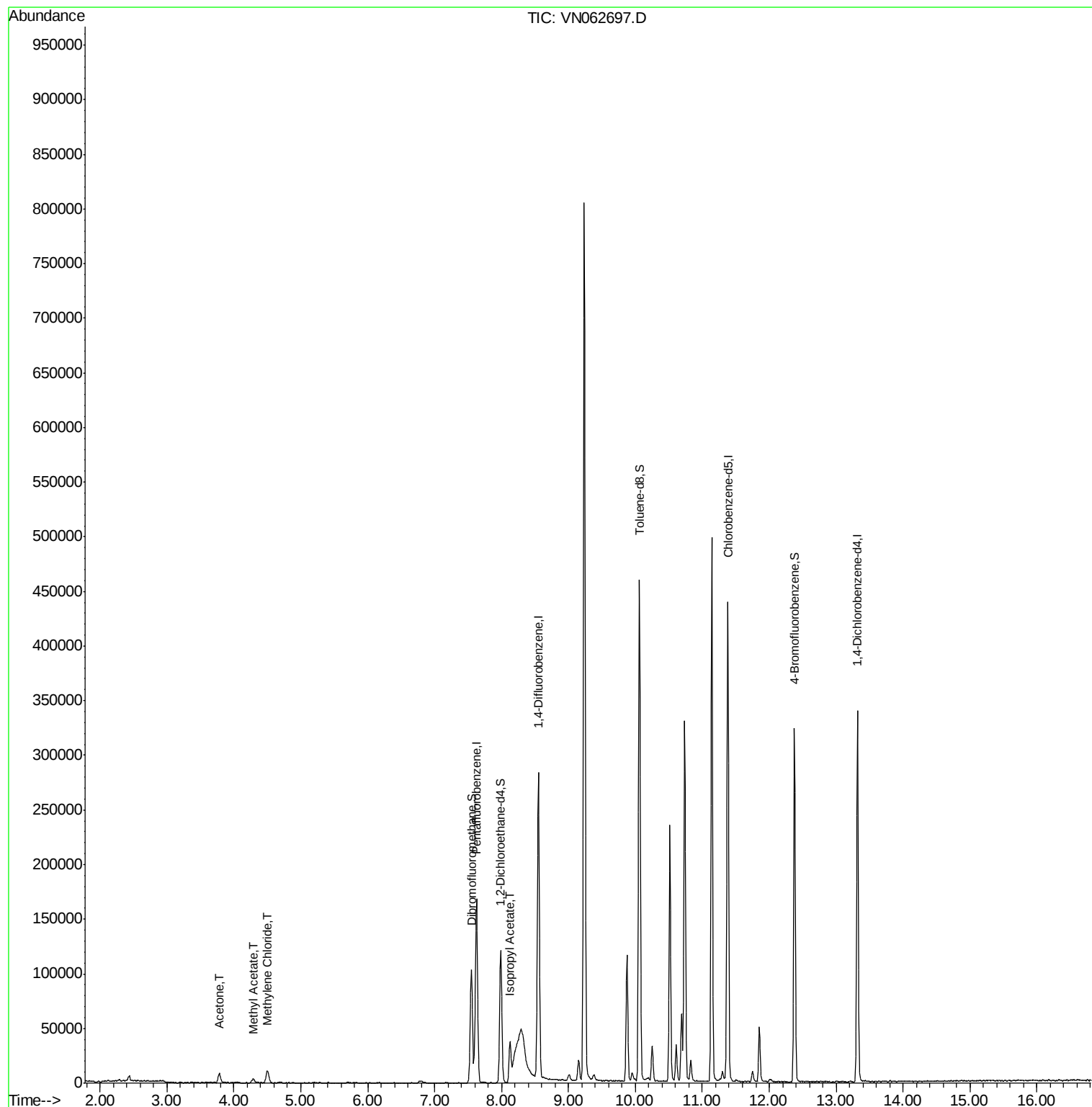
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	124627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	237295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	235903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	86253	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	111154	57.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.82%	
35) Dibromofluoromethane	7.55	113	76319	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	10.06	98	308921	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.38	95	112465	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
Target Compounds						
16) Acetone	3.78	43	14585	20.020	ug/l	97
18) Methyl Acetate	4.28	43	6922	3.753	ug/l	95
20) Methylene Chloride	4.50	84	8280	4.739	ug/l	93
43) Isopropyl Acetate	8.13	43	47471	10.801	ug/l #	91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062697.D

Acq: 31 Jul 2020 19:56

Instrument :

MSVOA_N

ClientSampled :

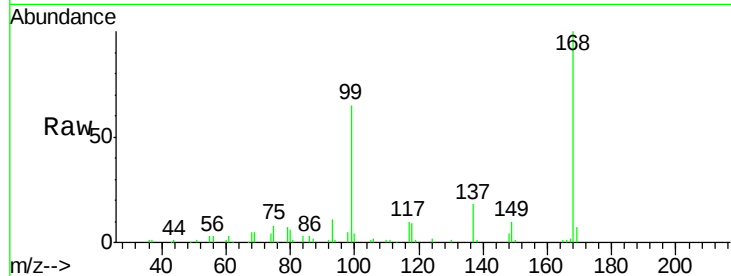
TP-1

Tot Ion:168 Resp: 124627

Ion Ratio Lower Upper

168 100

99 64.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

50000

40000

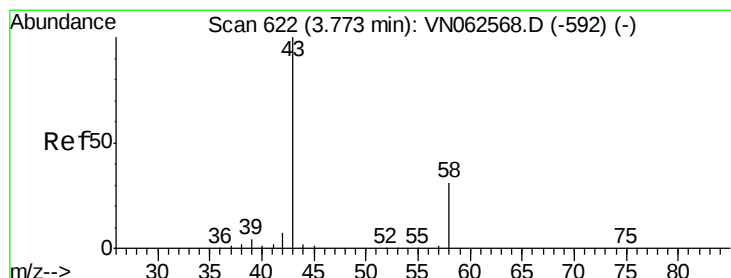
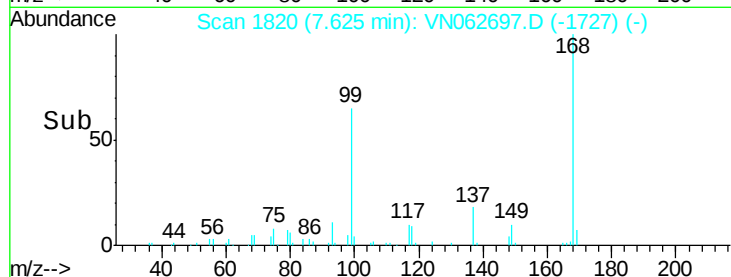
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 20.020 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062697.D

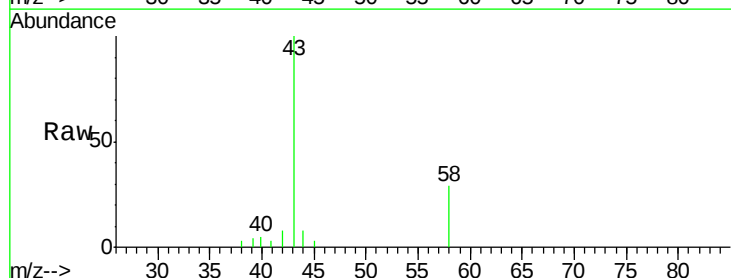
Acq: 31 Jul 2020 19:56

Tgt Ion: 43 Resp: 14585

Ion Ratio Lower Upper

43 100

58 29.3 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

6000

5000

4000

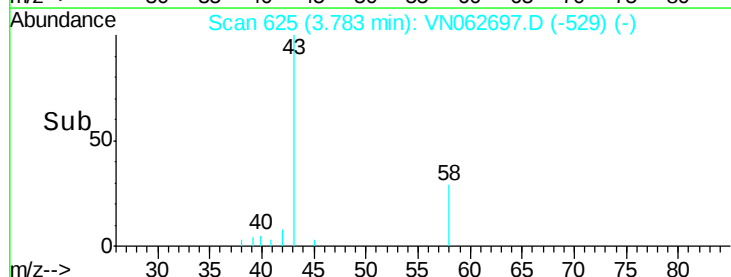
3000

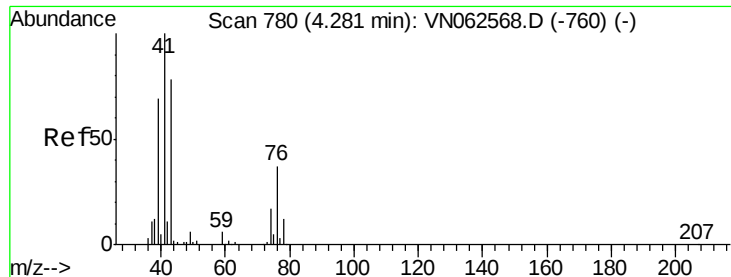
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

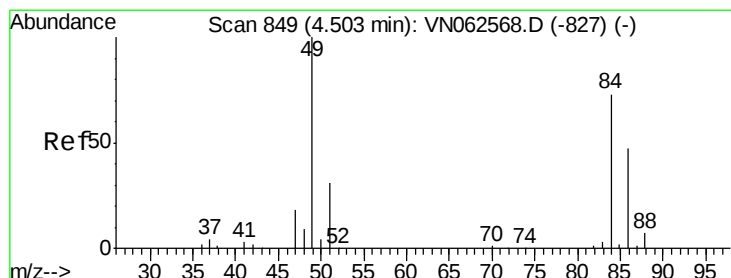
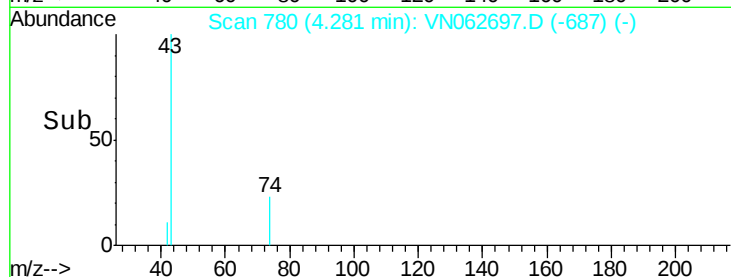
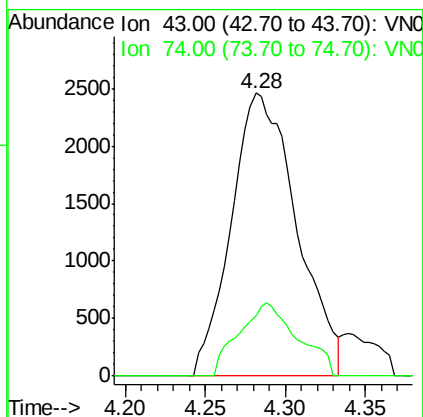
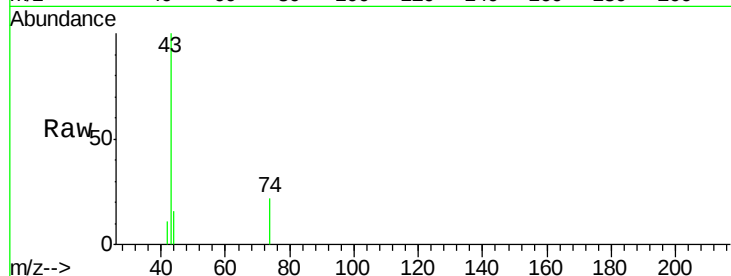




#18
Methvl Acetate
Concen: 3.753 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN062697.D
Acq: 31 Jul 2020 19:56

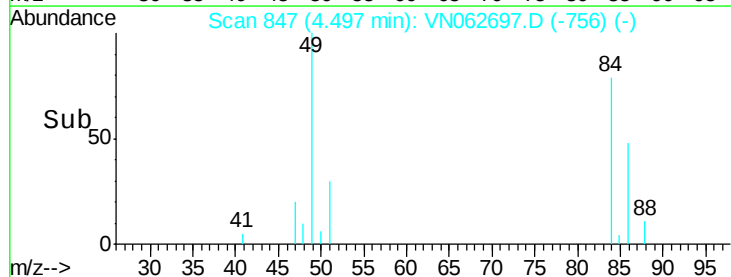
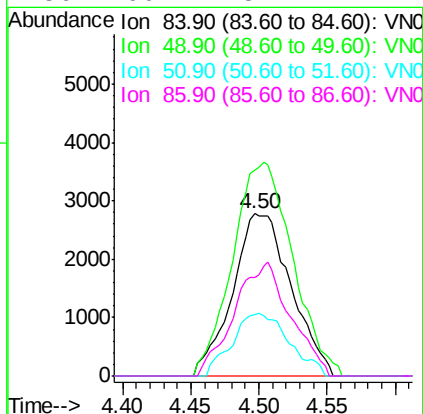
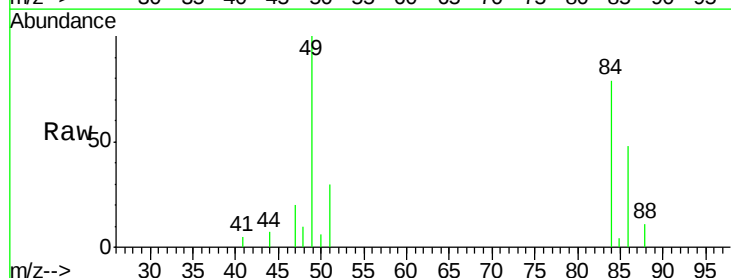
Instrument :
MSVOA_N
ClientSampled :
TP-1

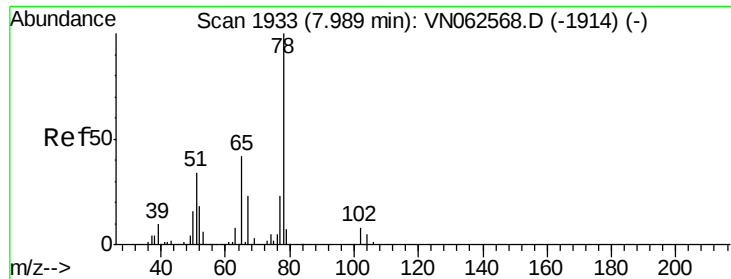
Tot Ion: 43 Resp: 6922
Ion Ratio Lower Upper
43 100
74 23.3 16.6 24.8



#20
Methylene Chloride
Concen: 4.739 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062697.D
Acq: 31 Jul 2020 19:56

Tgt Ion: 84 Resp: 8280
Ion Ratio Lower Upper
84 100
49 127.2 109.4 164.0
51 38.1 33.6 50.4
86 60.7 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 57.414 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062697.D

Acq: 31 Jul 2020 19:56

Instrument :

MSVOA_N

ClientSampled :

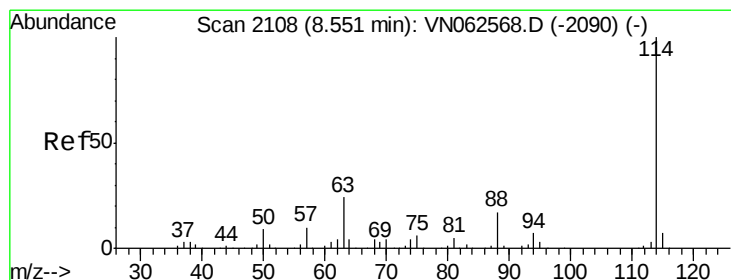
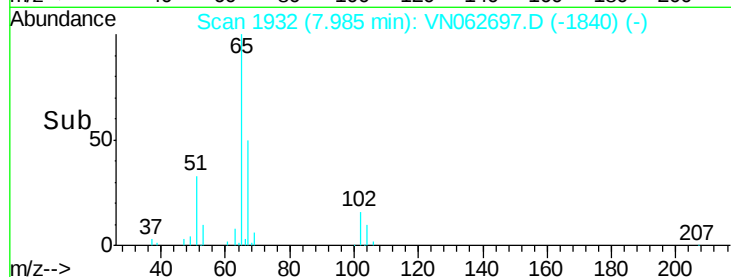
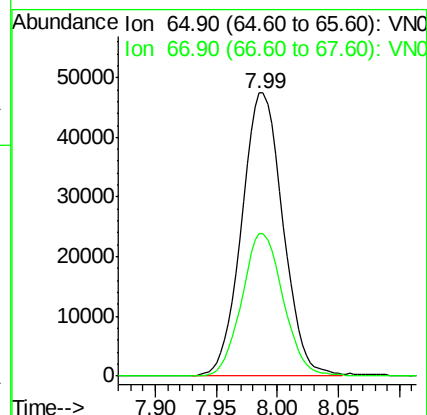
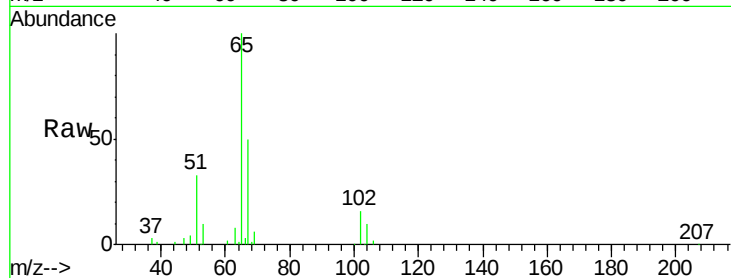
TP-1

Tot Ion: 65 Resp: 111154

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: VN062697.D

Acq: 31 Jul 2020 19:56

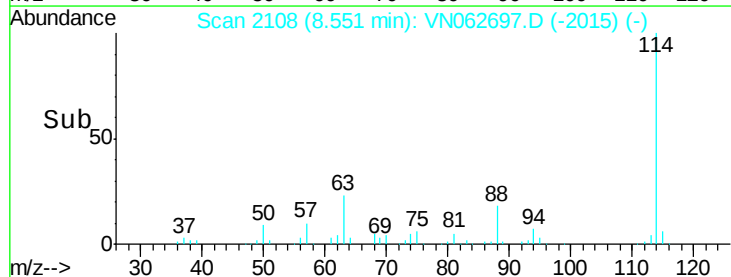
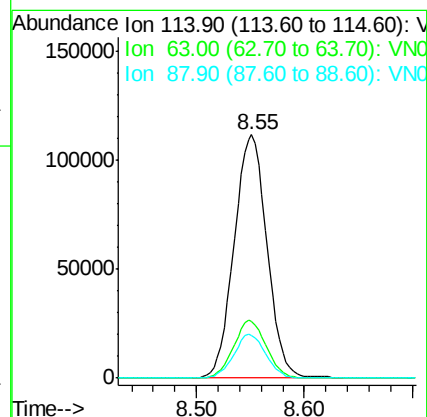
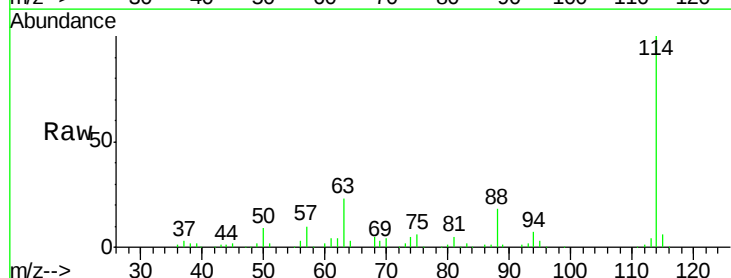
Tgt Ion: 114 Resp: 237295

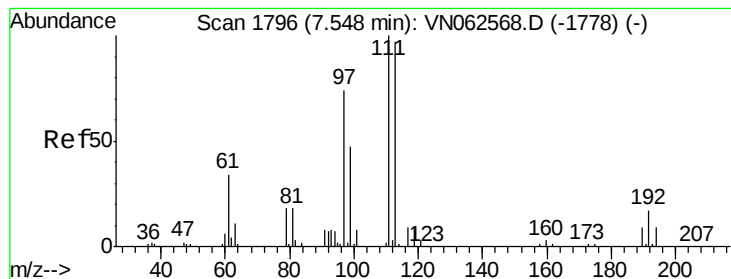
Ion Ratio Lower Upper

114 100

63 23.4 0.0 48.4

88 17.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.964 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062697.D

Acq: 31 Jul 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

TP-1

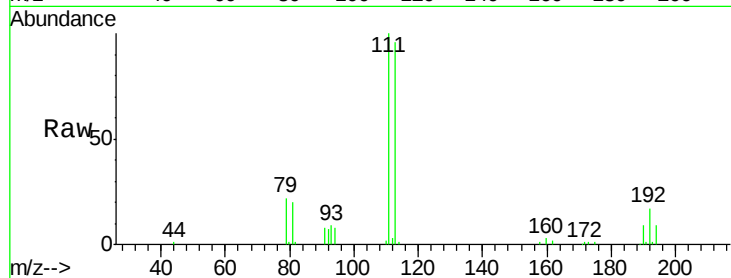
Tot Ion:113 Resp: 76319

Ion Ratio Lower Upper

113 100

111 104.7 82.7 124.1

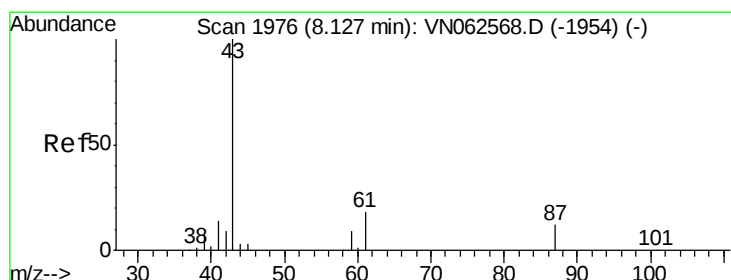
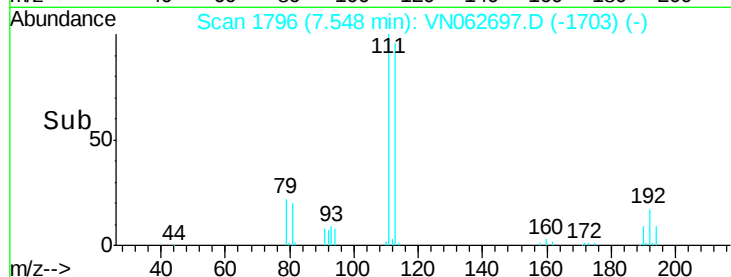
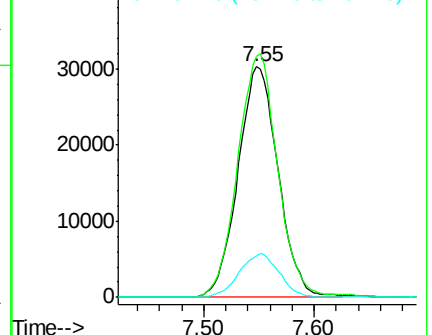
192 18.8 14.8 22.2



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: 10.801 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062697.D

Acq: 31 Jul 2020 19:56

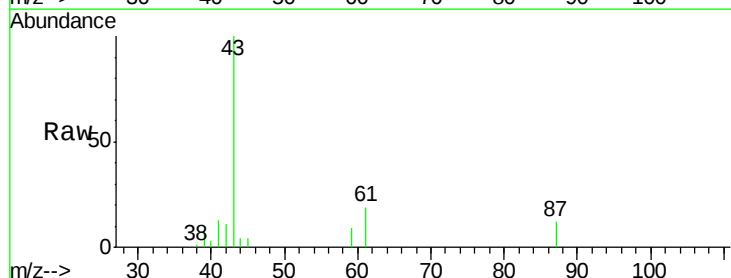
Tgt Ion: 43 Resp: 47471

Ion Ratio Lower Upper

43 100

61 19.1 20.8 31.2#

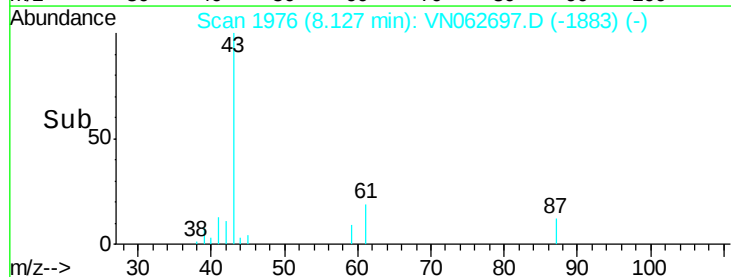
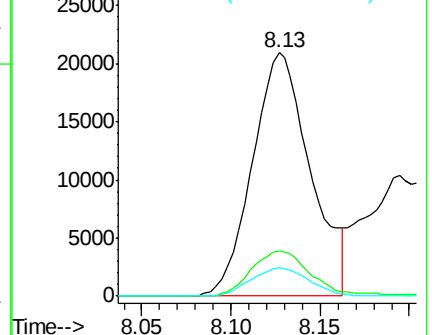
87 11.5 9.2 13.8

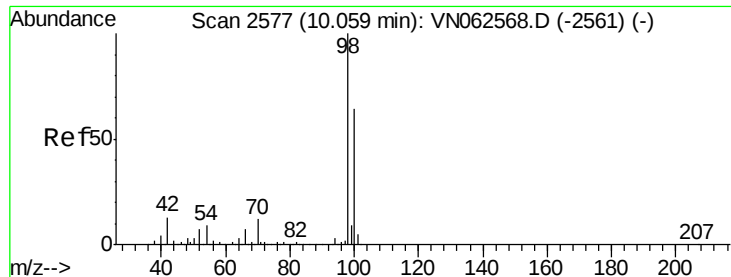


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 49.673 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062697.D

Acq: 31 Jul 2020 19:56

Instrument :

MSVOA_N

ClientSampled :

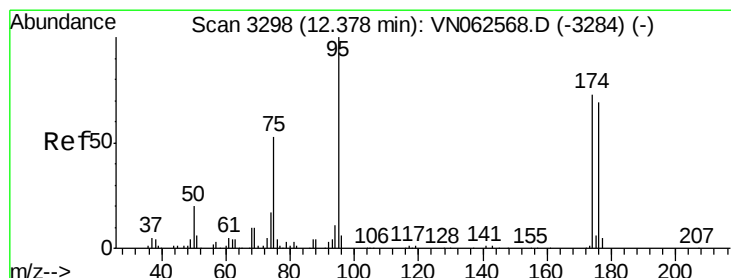
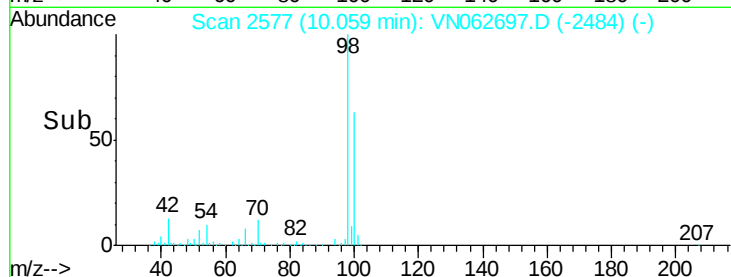
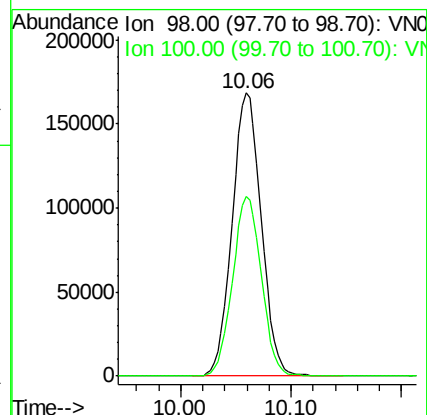
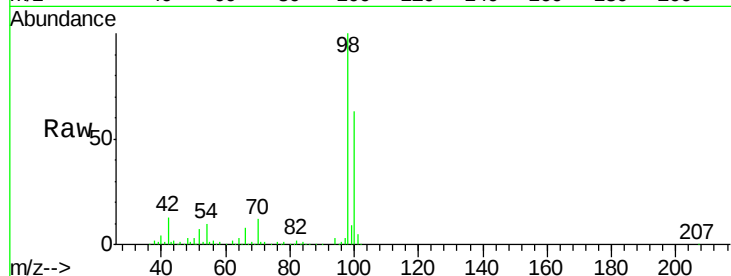
TP-1

Tot Ion: 98 Resp: 308921

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 49.458 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062697.D

Acq: 31 Jul 2020 19:56

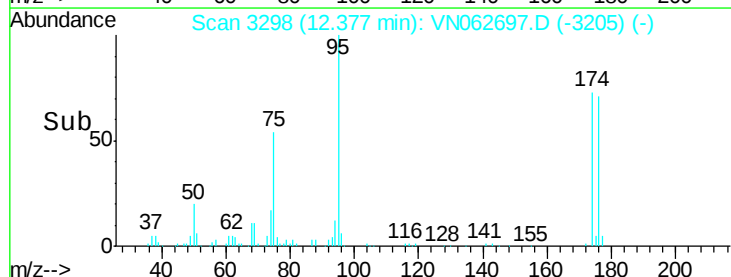
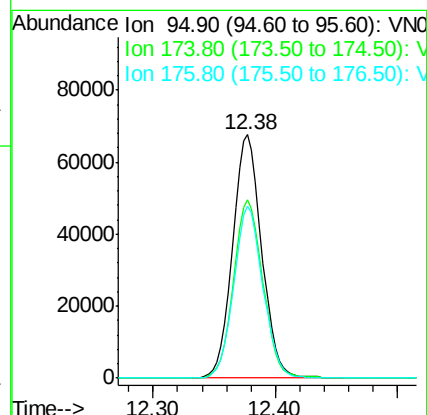
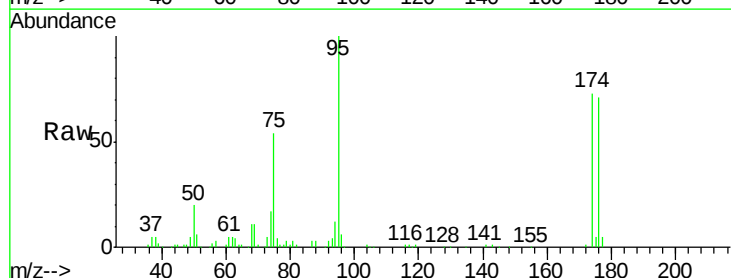
Tgt Ion: 95 Resp: 112465

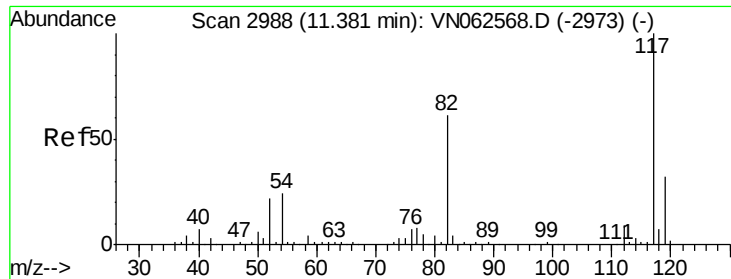
Ion Ratio Lower Upper

95 100

174 74.0 0.0 144.6

176 70.8 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: VN062697.D

Acq: 31 Jul 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

TP-1

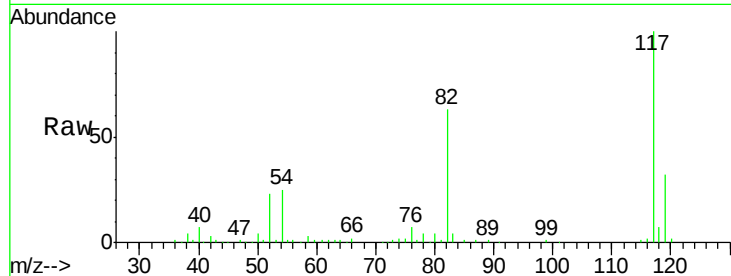
Tot Ion:117 Resp: 235903

Ion Ratio Lower Upper

117 100

82 62.8 49.0 73.6

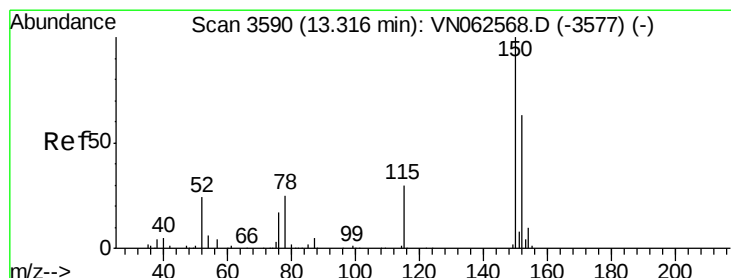
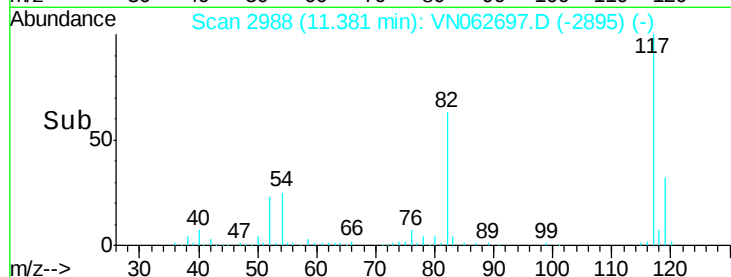
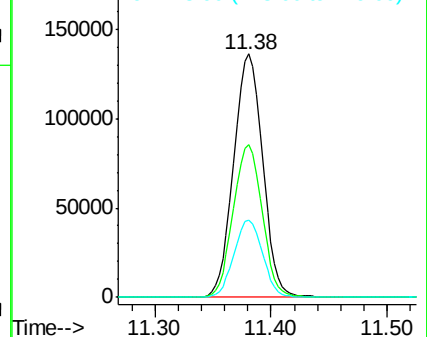
119 32.0 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN062697.D

Acq: 31 Jul 2020 19:56

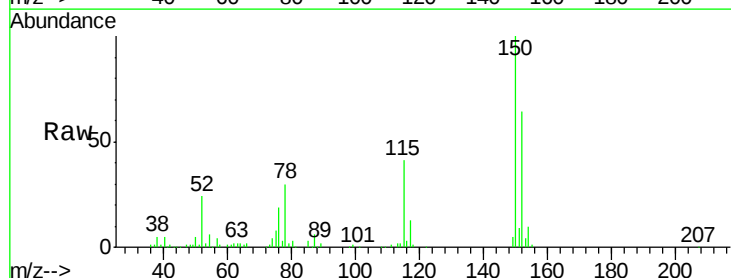
Tgt Ion:152 Resp: 86253

Ion Ratio Lower Upper

152 100

115 63.2 31.8 95.4

150 155.2 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

