

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040720\
 Data File : VN060886.D
 Acq On : 7 Apr 2020 18:42
 Operator : JC/MD
 Sample : L2178-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FIELD-BLANK

Quant Time: Apr 08 08:37:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

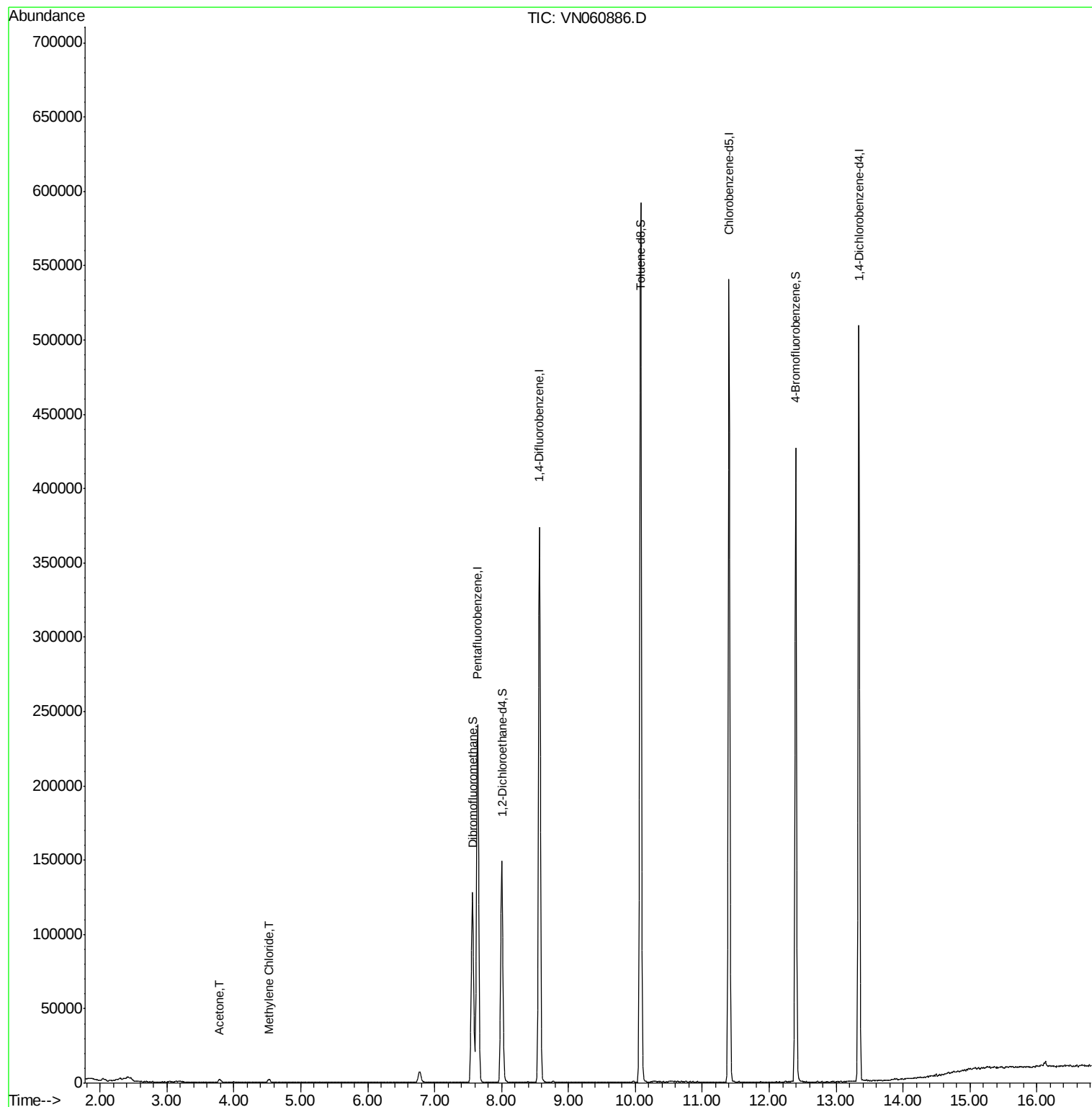
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	198882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	331750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	306547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	128253	46.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.96%	
35) Dibromofluoromethane	7.57	113	99050	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	10.08	98	407662	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.40	95	148997	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
Target Compounds						
16) Acetone	3.79	43	3599	3.721	ug/l	92
20) Methylene Chloride	4.52	84	1689	0.710	ug/l	89

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060886.D

Acq: 7 Apr 2020 18:42

Instrument :

MSVOA_N

ClientSampleId :

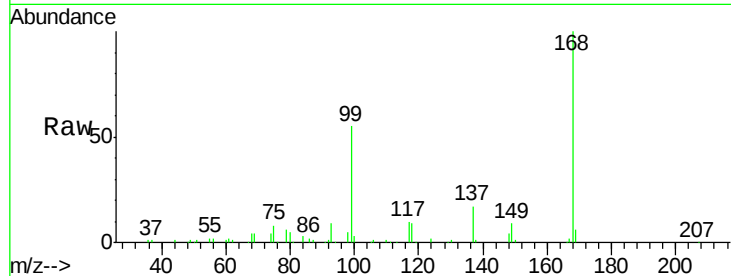
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Tot Ion:168 Resp: 198882

Ion Ratio Lower Upper

168 100

99 55.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

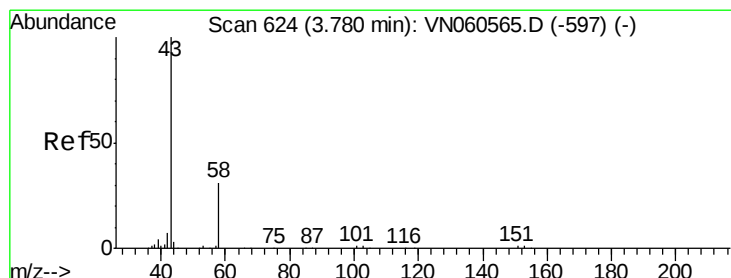
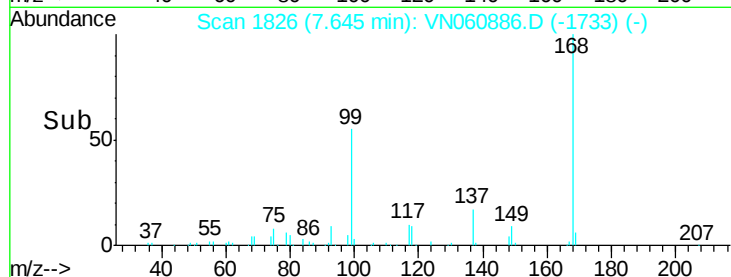
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 3.721 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060886.D

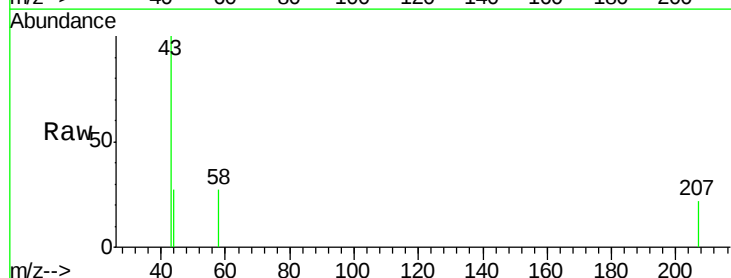
Acq: 7 Apr 2020 18:42

Tgt Ion: 43 Resp: 3599

Ion Ratio Lower Upper

43 100

58 26.9 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

1500

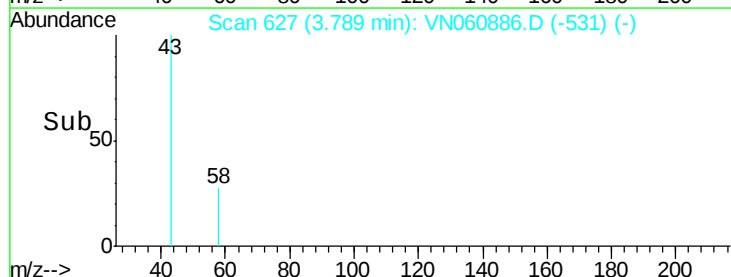
1000

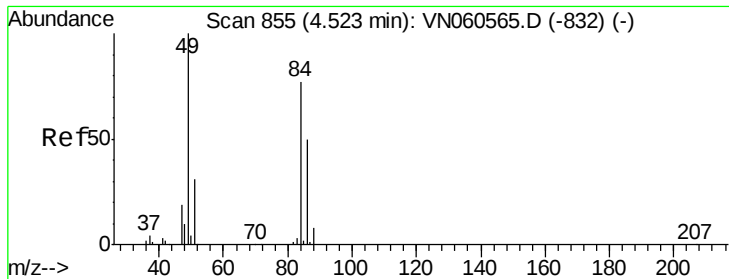
500

0

3.70 3.75 3.80 3.85 3.90

Time-->

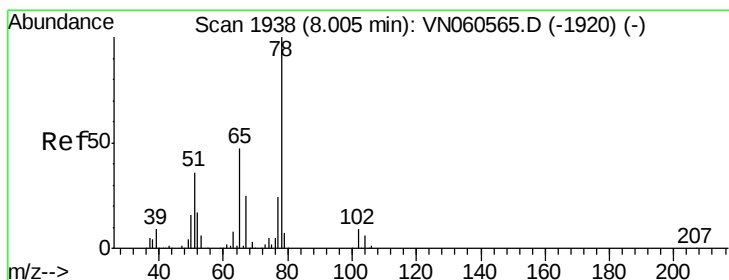
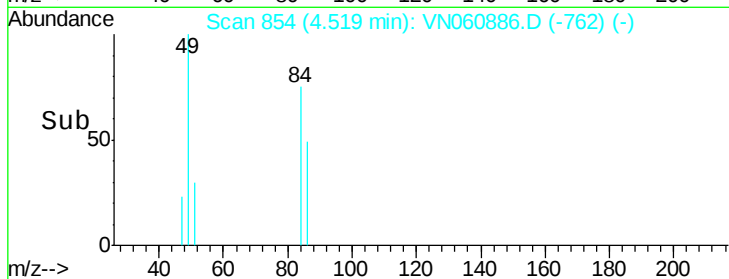
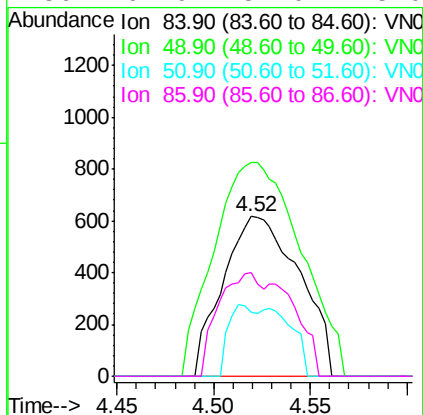
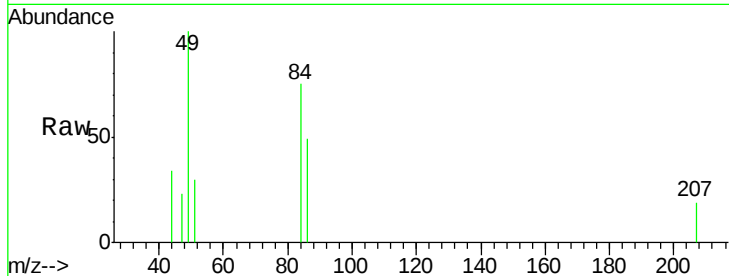




#20
Methylene Chloride
Concen: 0.710 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060886.D
Acq: 7 Apr 2020 18:42

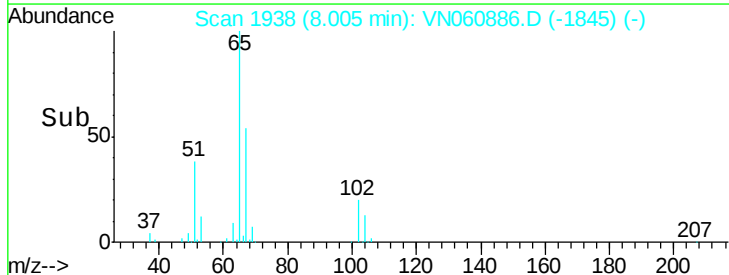
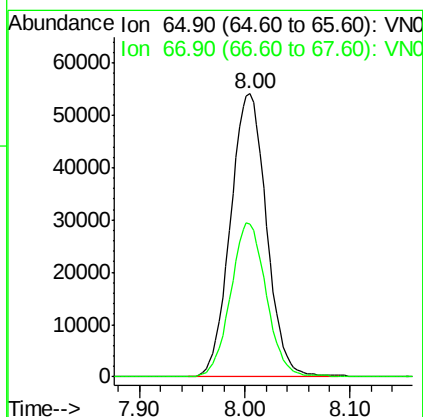
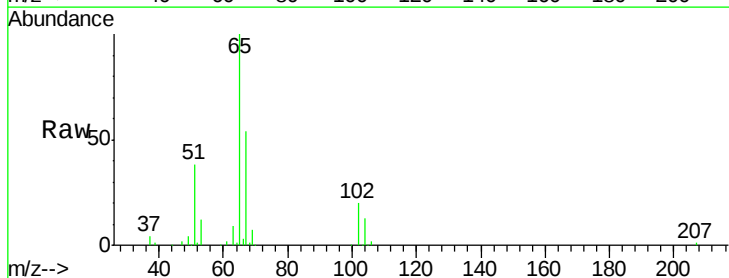
Instrument :
MSVOA_N
ClientSampled :
FIELD-BLANK

Tot Ion:	84	Resp:	1689
Ion	Ratio	Lower	Upper
84	100		
49	107.3	103.3	154.9
51	40.1	31.6	47.4
86	64.9	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 46.976 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060886.D
Acq: 7 Apr 2020 18:42

Tgt Ion:	65	Resp:	128253
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060886.D

Acq: 7 Apr 2020 18:42

Instrument :

MSVOA_N

ClientSampleId :

FIELD-BLANK

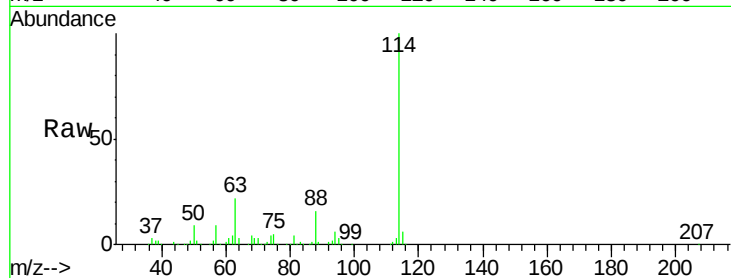
Tot Ion:114 Resp: 331750

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

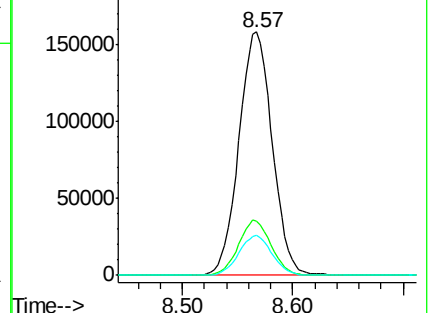
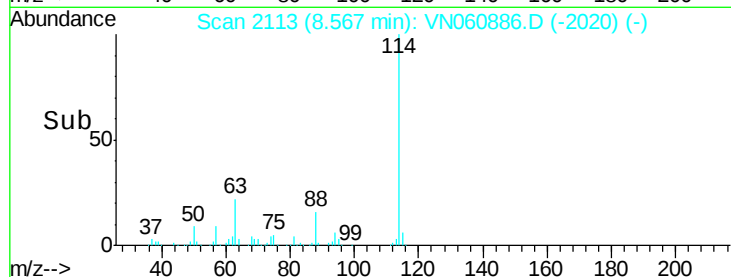
88 16.2 0.0 33.0



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: 49.377 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060886.D

Acq: 7 Apr 2020 18:42

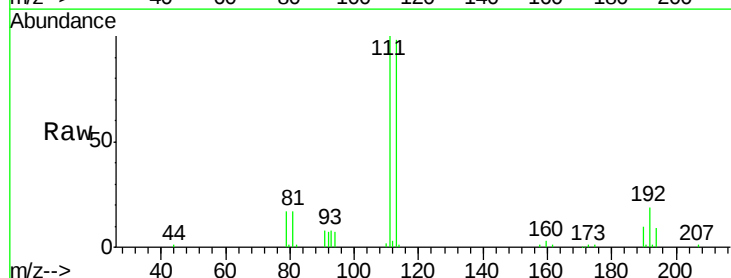
Tgt Ion:113 Resp: 99050

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

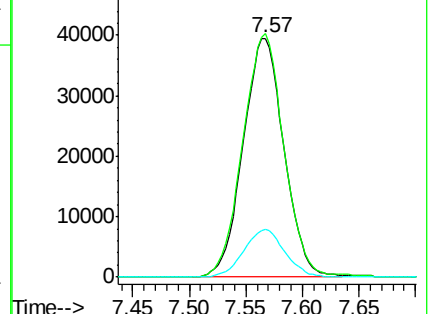
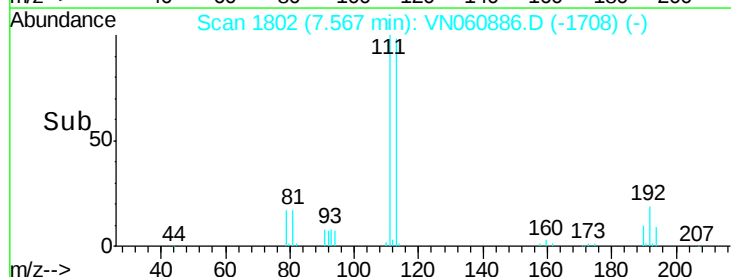
192 20.0 15.8 23.8

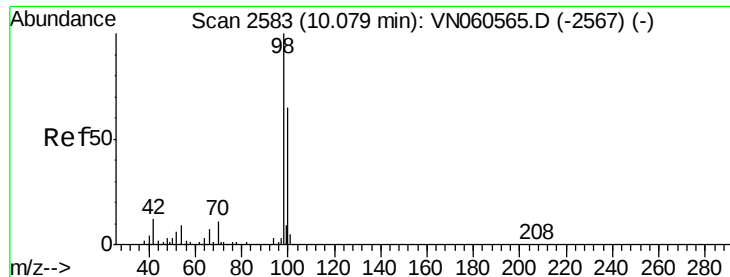


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.753 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060886.D

Acq: 7 Apr 2020 18:42

Instrument :

MSVOA_N

ClientSampled :

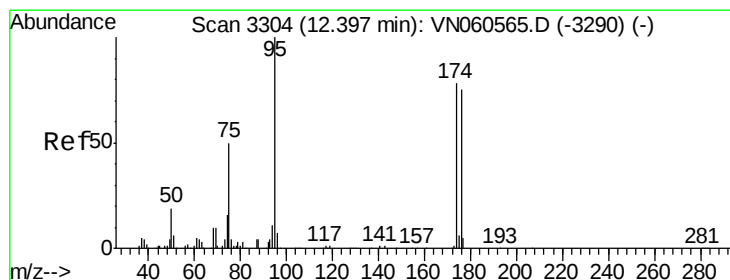
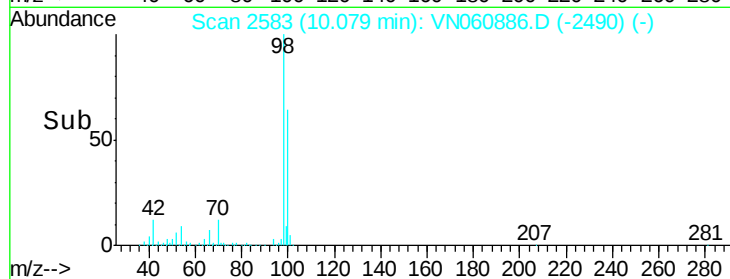
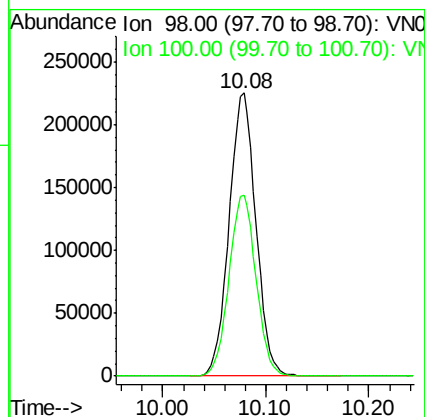
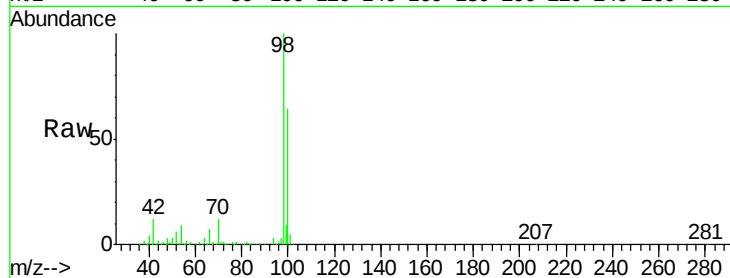
FIELD-BLANK

Tot Ion: 98 Resp: 407662

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 49.618 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060886.D

Acq: 7 Apr 2020 18:42

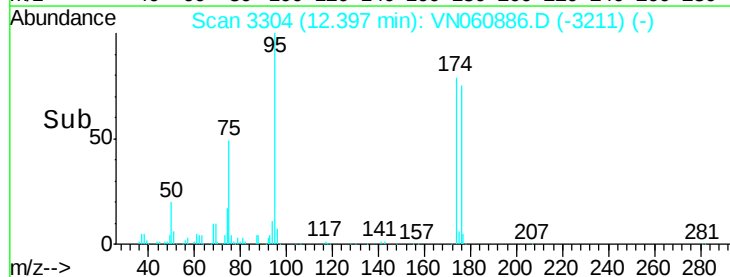
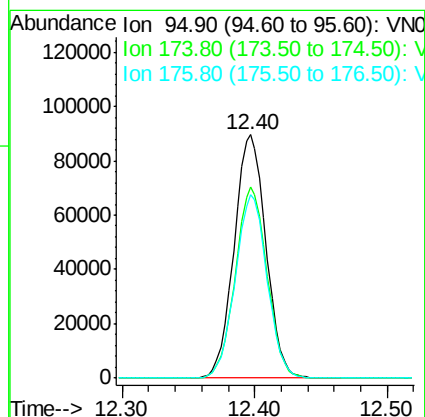
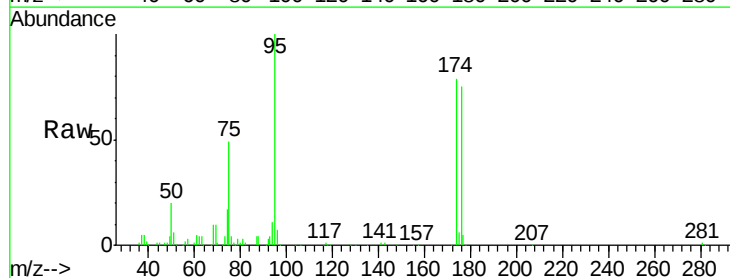
Tgt Ion: 95 Resp: 148997

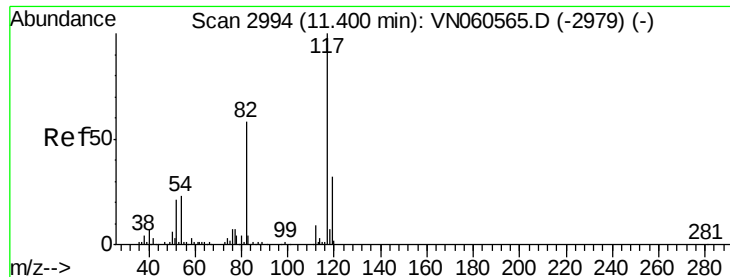
Ion Ratio Lower Upper

95 100

174 78.3 0.0 157.6

176 75.5 0.0 150.6

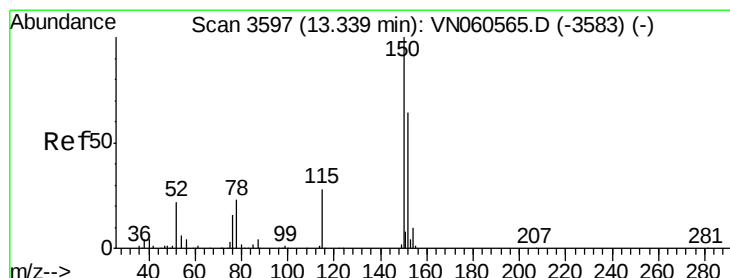
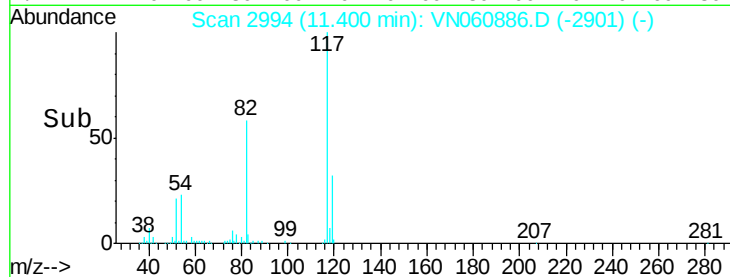
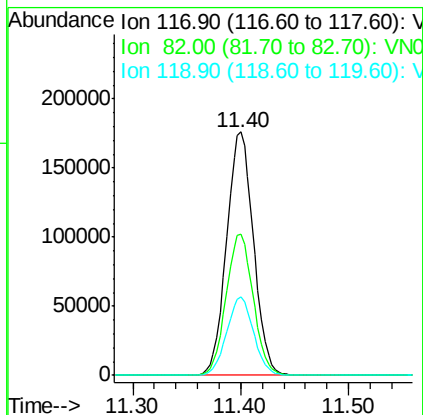
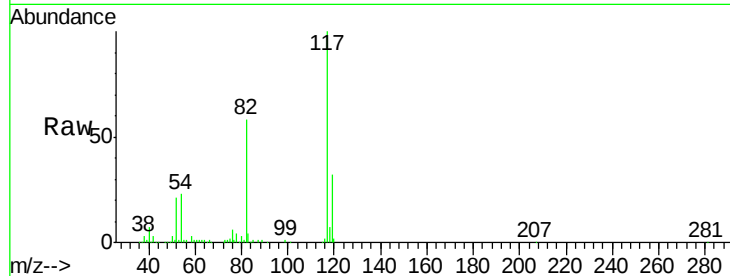




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060886.D
Acq: 7 Apr 2020 18:42

Instrument :
MSVOA_N
ClientSampled :
FIELD-BLANK

Tot Ion:117 Resp: 306547
Ion Ratio Lower Upper
117 100
82 58.1 46.7 70.1
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060886.D
Acq: 7 Apr 2020 18:42

Tgt Ion:152 Resp: 135746
Ion Ratio Lower Upper
152 100
115 59.7 30.2 90.6
150 157.7 0.0 350.2

