

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071620\
 Data File : VN062550.D
 Acq On : 16 Jul 2020 16:10
 Operator : JC/MD
 Sample : L3320-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 200715090-01-TRIP-BLANK

Quant Time: Jul 16 18:39:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Jul 14 00:52:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	37891	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	199673	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	179454	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	100224	30.79	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.63%
60) 4-Bromofluorobenzene	12.38	95	75264	24.65	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	82.17%
63) Toluene-d8	10.06	98	251957	29.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.03%

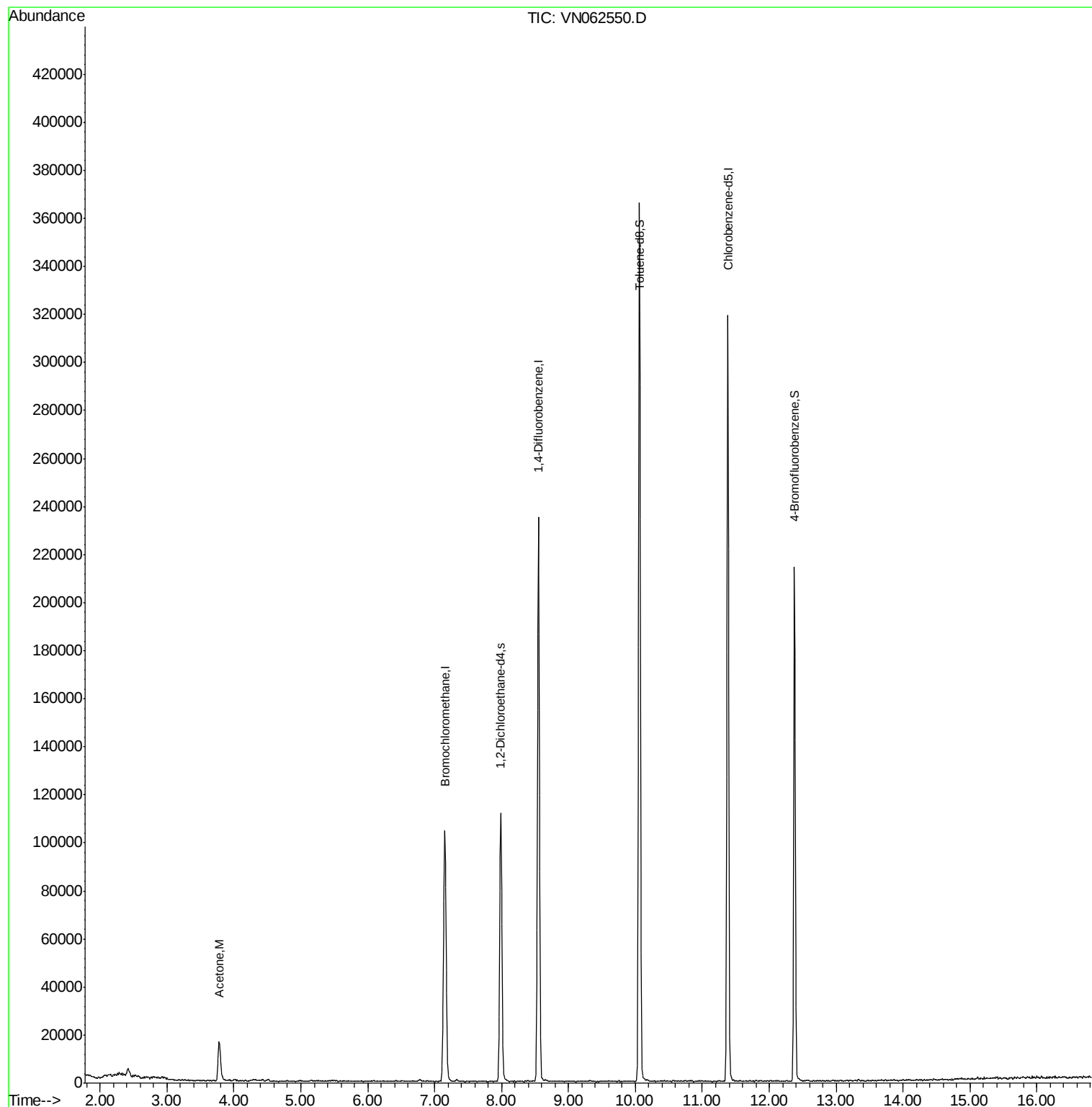
Target Compounds					Ovalue
15) Acetone	3.78	58	8982	21.499 ug/l	88

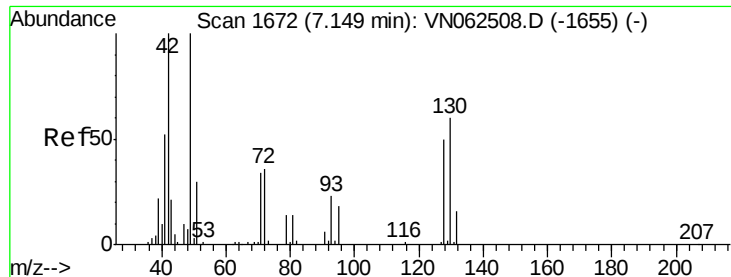
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062550.D

Acq: 16 Jul 2020 16:10

Instrument :

MSVOA_N

ClientSampleId :

200715090-01-TRIP-BLANK

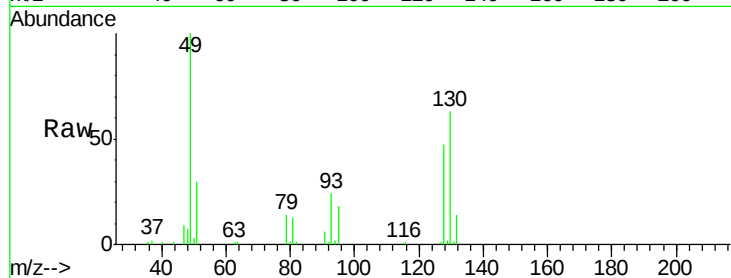
Tot Ion:128 Resp: 37891

Ion Ratio Lower Upper

128 100

49 211.5 0.0 525.0

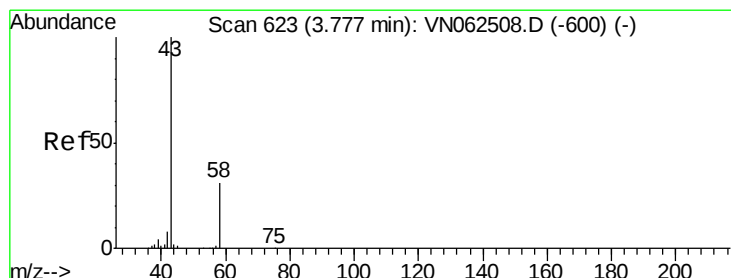
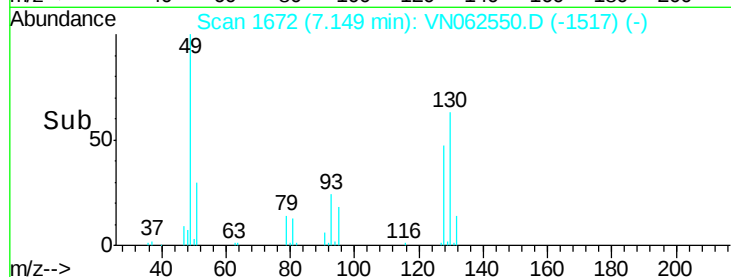
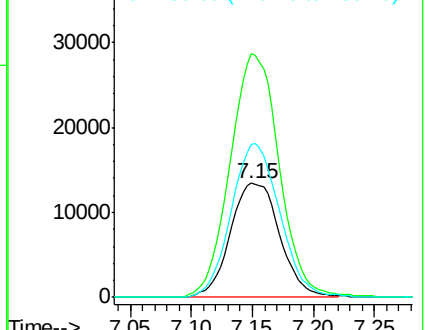
130 132.2 0.0 319.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 21.499 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062550.D

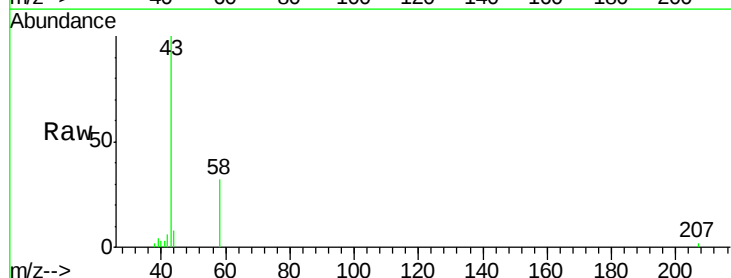
Acq: 16 Jul 2020 16:10

Tgt Ion: 58 Resp: 8982

Ion Ratio Lower Upper

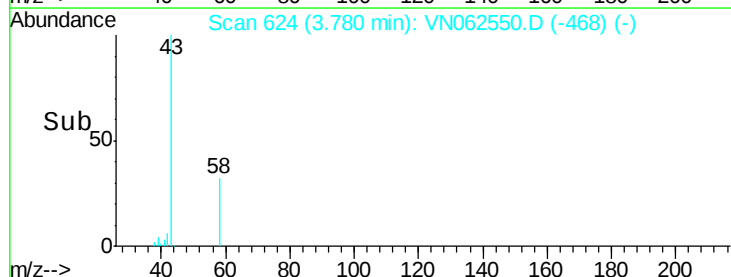
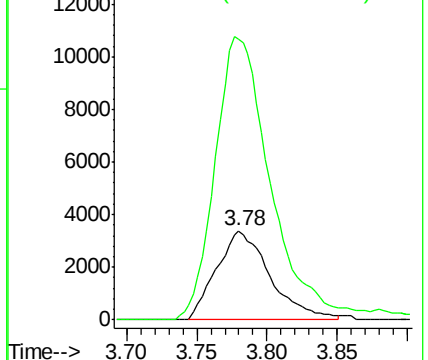
58 100

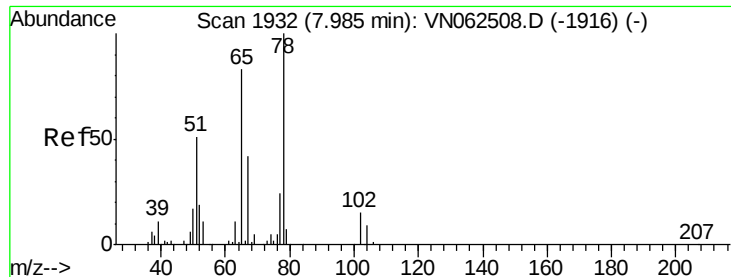
43 302.5 261.1 391.7



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 30.790 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062550.D

Acq: 16 Jul 2020 16:10

Instrument :

MSVOA_N

ClientSampleId :

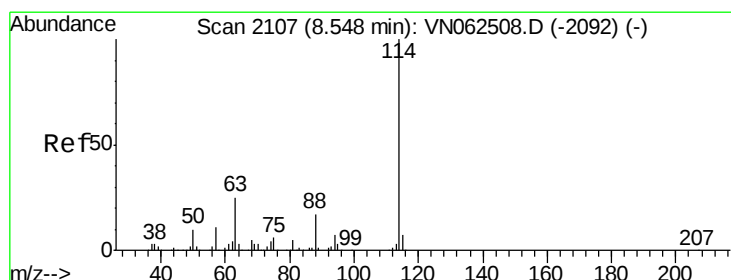
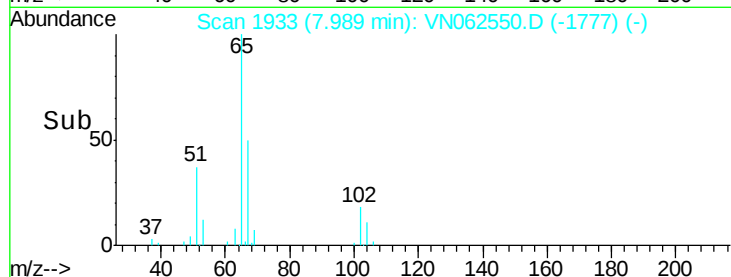
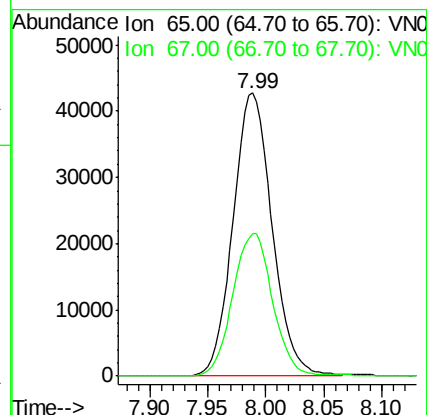
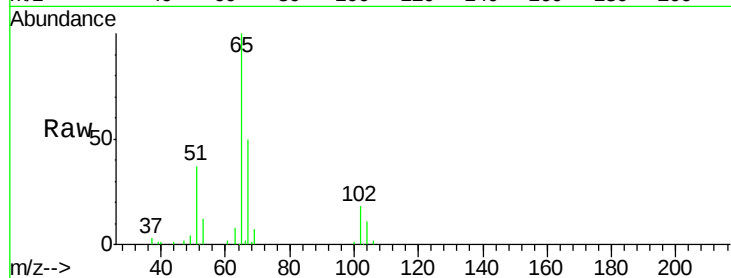
200715090-01-TRIP-BLANK

Tot Ion: 65 Resp: 100224

Ion Ratio Lower Upper

65 100

67 51.4 41.7 62.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062550.D

Acq: 16 Jul 2020 16:10

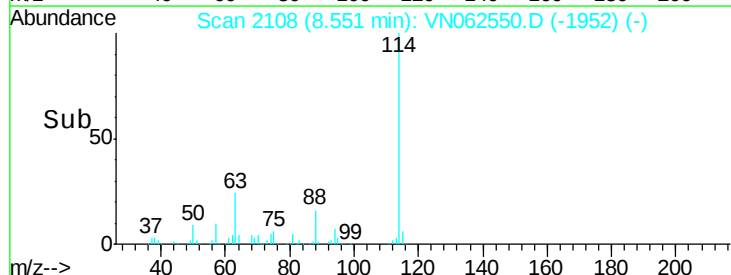
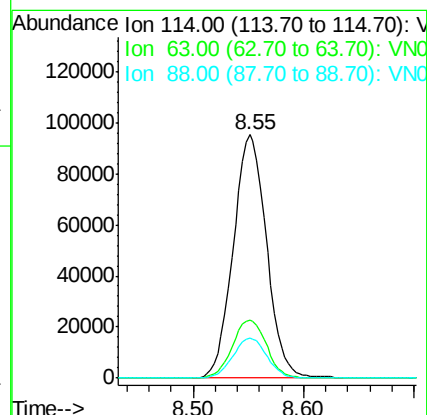
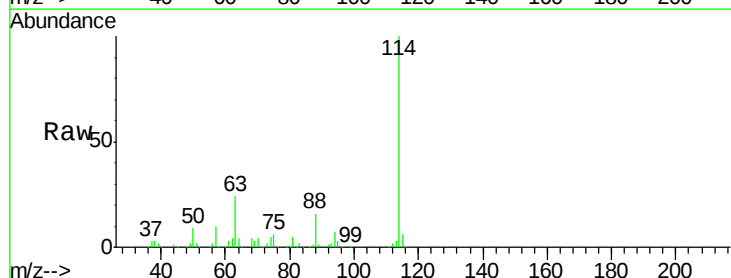
Tgt Ion: 114 Resp: 199673

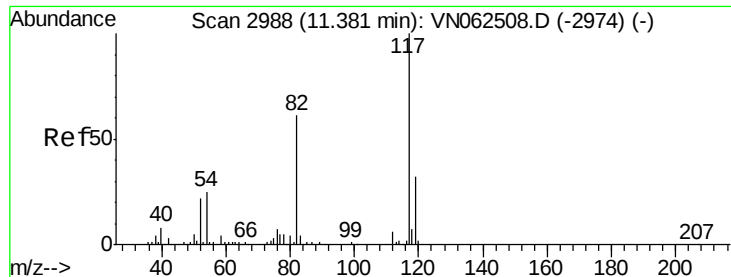
Ion Ratio Lower Upper

114 100

63 24.5 19.4 29.0

88 16.8 13.5 20.3

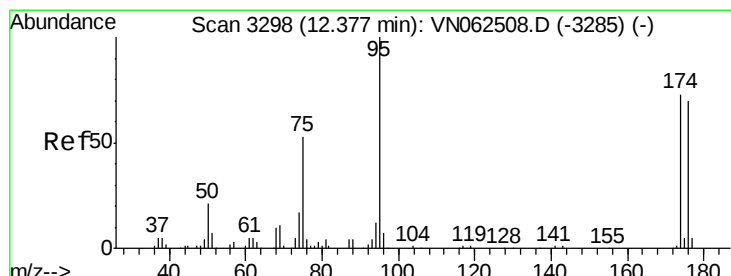
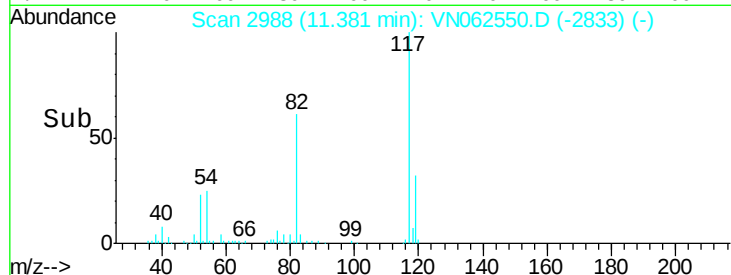
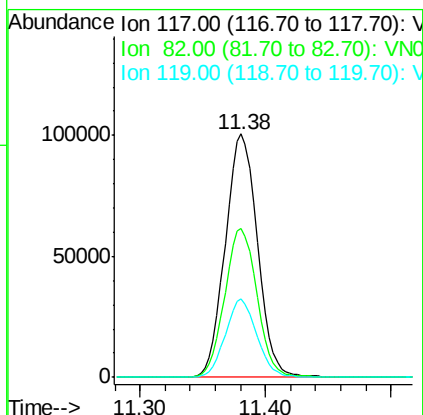
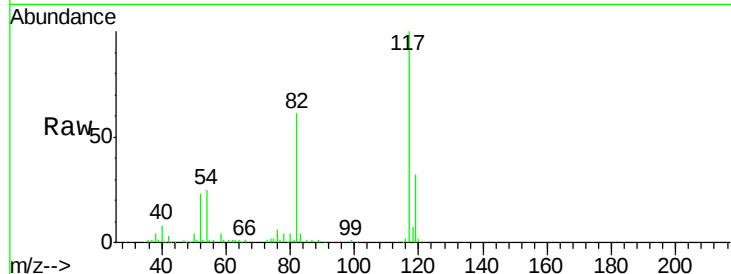




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062550.D
Acq: 16 Jul 2020 16:10

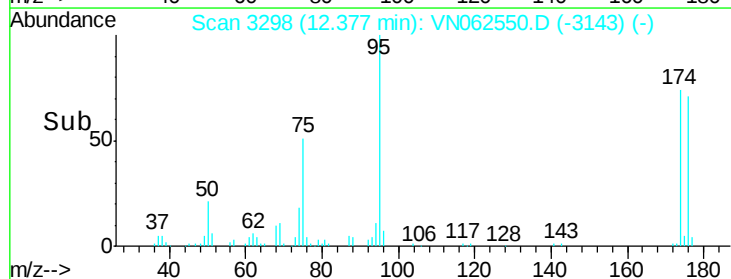
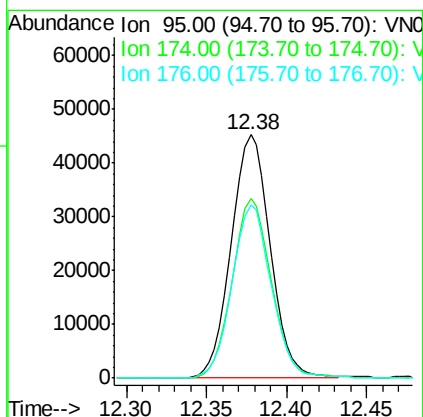
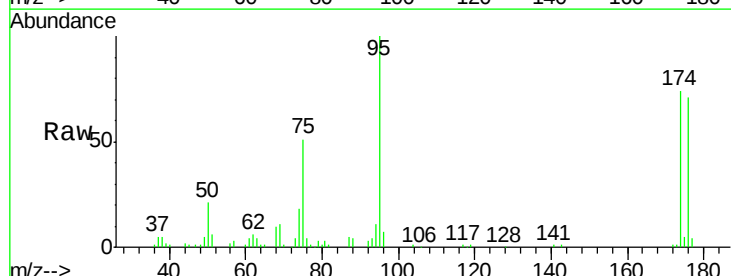
Instrument :
MSVOA_N
ClientSampleId :
200715090-01-TRIP-BLANK

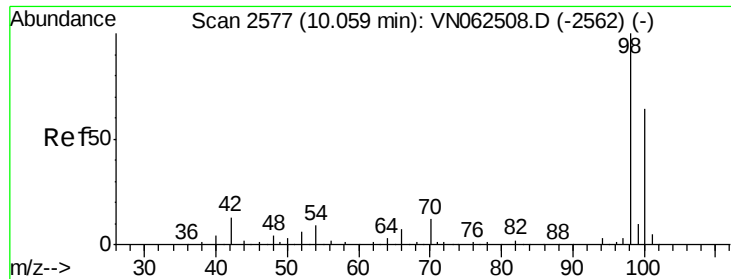
Tot Ion:117 Resp: 179454
Ion Ratio Lower Upper
117 100
82 61.3 49.0 73.6
119 31.4 25.6 38.4



#60
4-Bromofluorobenzene
Concen: 24.645 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062550.D
Acq: 16 Jul 2020 16:10

Tgt Ion: 95 Resp: 75264
Ion Ratio Lower Upper
95 100
174 74.0 57.5 86.3
176 71.7 56.3 84.5





#63

Toluene-d8

Concen: 29.713 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062550.D

Acq: 16 Jul 2020 16:10

Instrument :

MSVOA_N

ClientSampleId :

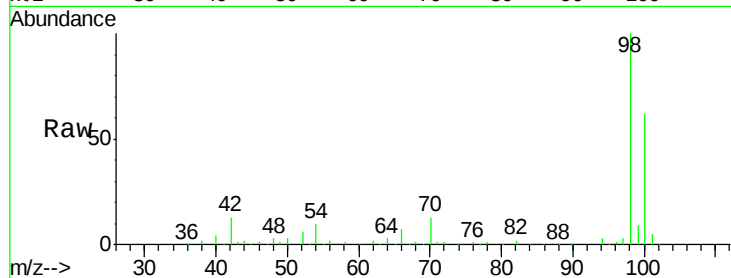
200715090-01-TRIP-BLANK

Tot Ion: 98 Resp: 251957

Ion Ratio Lower Upper

98 100

100 63.0 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN062550.D (-2422) (-)

