

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040921\
 Data File : VN066557.D
 Acq On : 9 Apr 2021 12:50
 Operator : JC/MD
 Sample : M1990-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ELEVATOR-PIT-STANDING-WATER

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:44:16 AM

Quant Time: Apr 09 14:01:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.104	128	47892	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.512	114	228927	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.350	117	203582	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.949	65	114834	31.20	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.00%
60) 4-Bromofluorobenzene	12.348	95	65440	20.60	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	68.67%
63) Toluene-d8	10.028	98	293633	30.73	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.43%
Target Compounds						Qvalue
15) Acetone	3.741	58	4447m	9.64	ug/l	

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

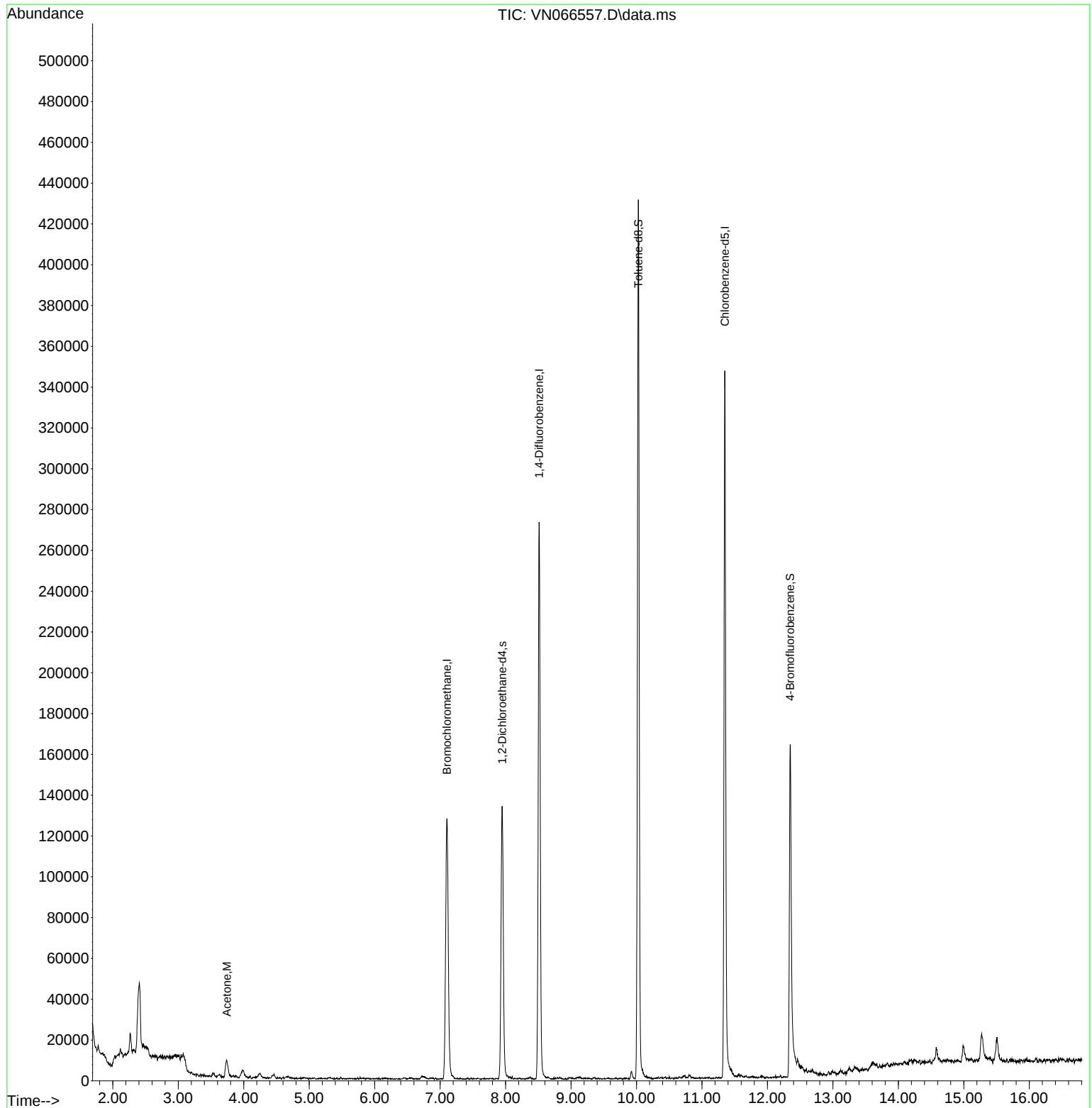
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040921\
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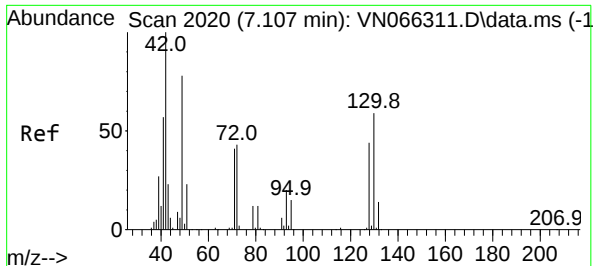
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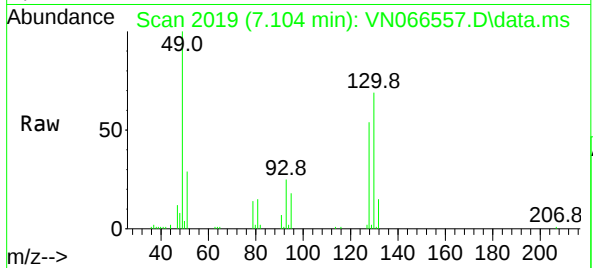
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 25 05:52:50 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.104 min Scan# 2019
Delta R.T. -0.003 min
Lab File: VN066557.D
Acq: 9 Apr 2021 12:50

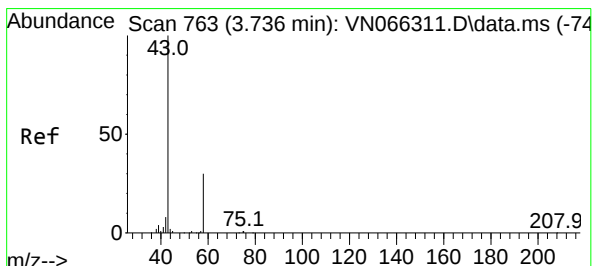
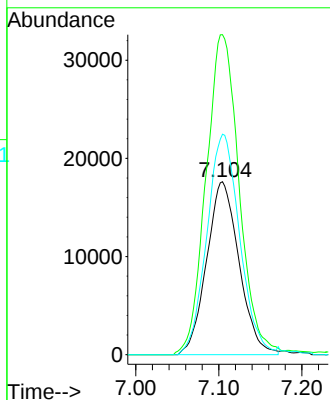
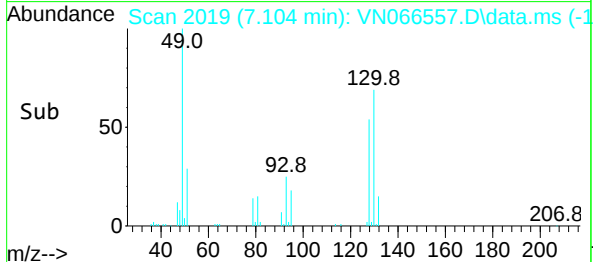
Instrument :
MSVOA_N
ClientSampleId :
ELEVATOR-PIT-STANDING-WATER



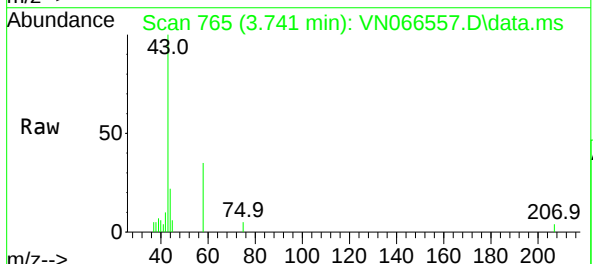
Tgt Ion:128 Resp: 47892
Ion Ratio Lower Upper
128 100
49 188.2 0.0 429.3
130 128.8 0.0 328.5

Manual Integrations
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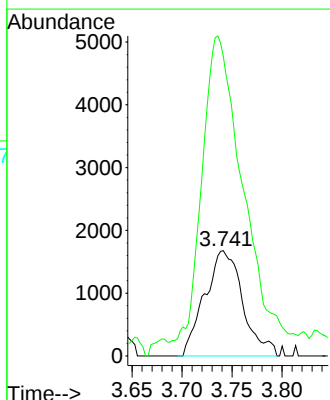
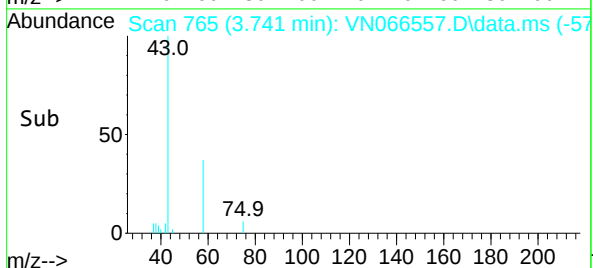
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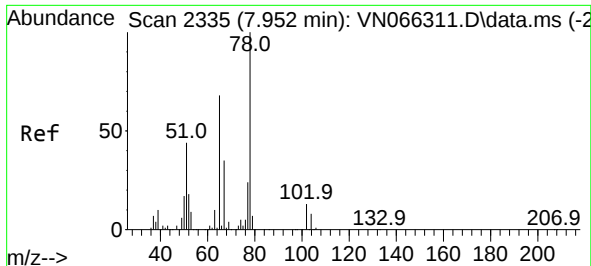


#15
Acetone
Concen: 9.64 ug/l m
RT: 3.741 min Scan# 765
Delta R.T. 0.005 min
Lab File: VN066557.D
Acq: 9 Apr 2021 12:50



Tgt Ion: 58 Resp: 4447
Ion Ratio Lower Upper
58 100
43 284.7 267.3 400.9





#27

1,2-Dichloroethane-d4

Concen: 31.20 ug/l

RT: 7.949 min Scan# 2334

Delta R.T. -0.003 min

Lab File: VN066557.D

Acq: 9 Apr 2021 12:50

Tgt Ion: 65 Resp: 114834

Ion Ratio Lower Upper

65 100

67 54.4 42.2 63.4

Instrument :

MSVOA_N

ClientSampleId :

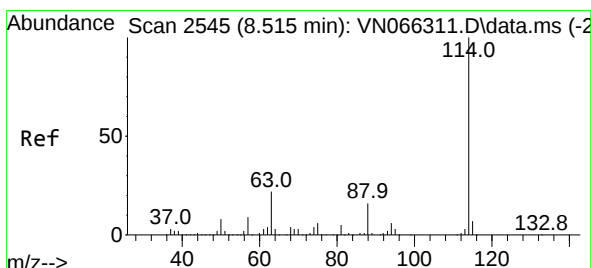
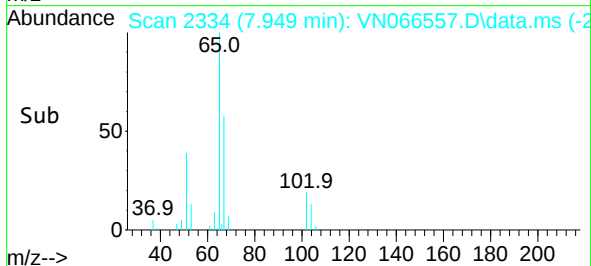
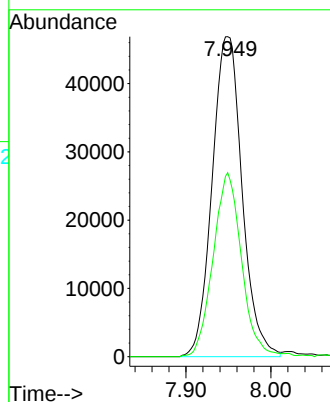
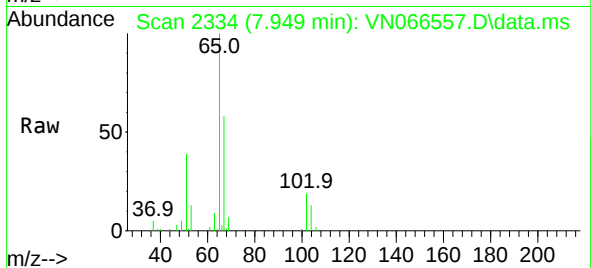
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#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.512 min Scan# 2544

Delta R.T. -0.003 min

Lab File: VN066557.D

Acq: 9 Apr 2021 12:50

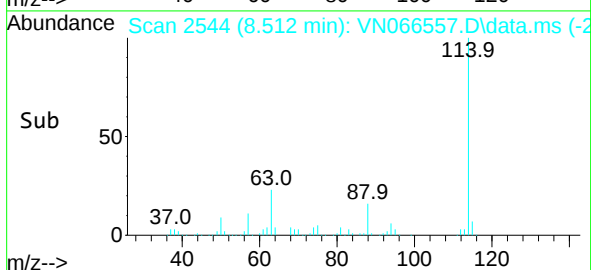
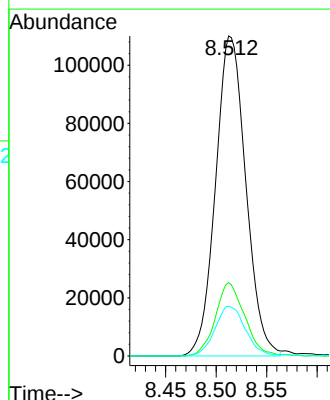
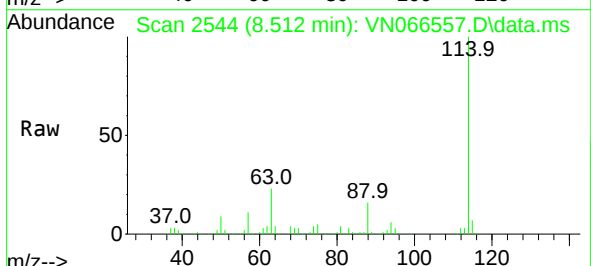
Tgt Ion: 114 Resp: 228927

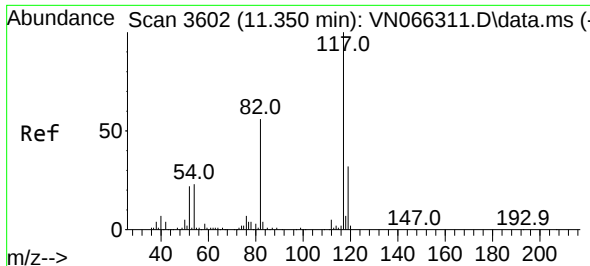
Ion Ratio Lower Upper

114 100

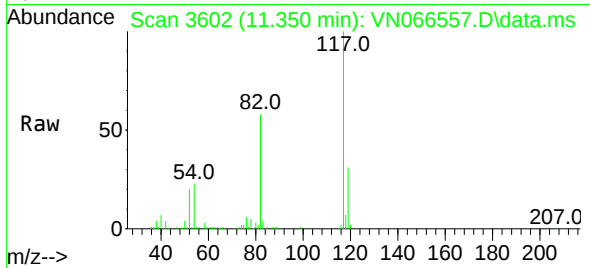
63 22.1 17.4 26.0

88 15.8 12.6 19.0

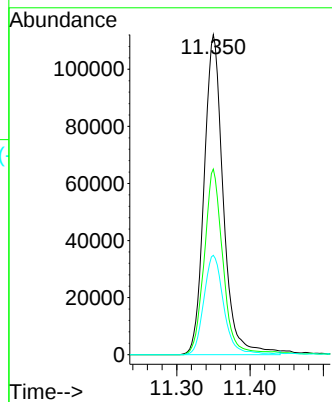
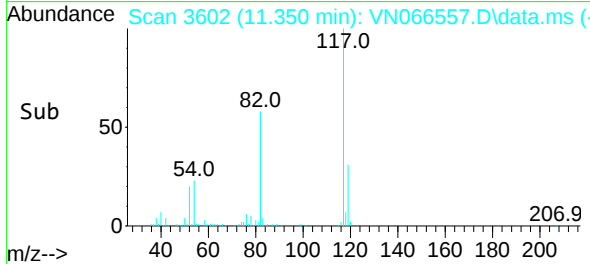




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066557.D
Acq: 9 Apr 2021 12:50



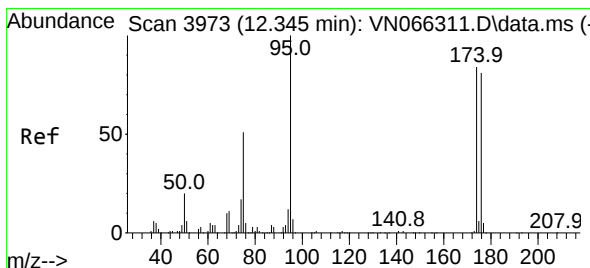
Tgt Ion: 117 Resp: 203582
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.6
119 31.6 25.5 38.3



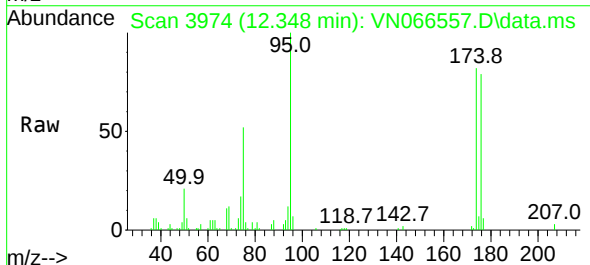
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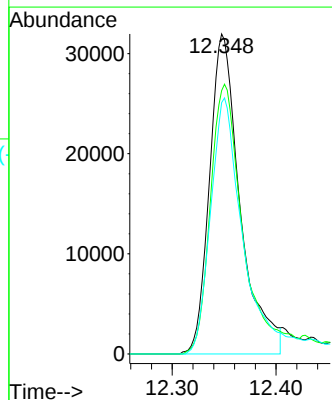
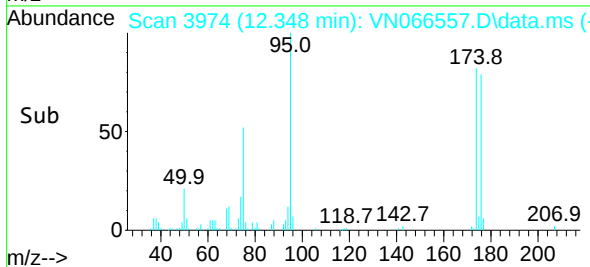
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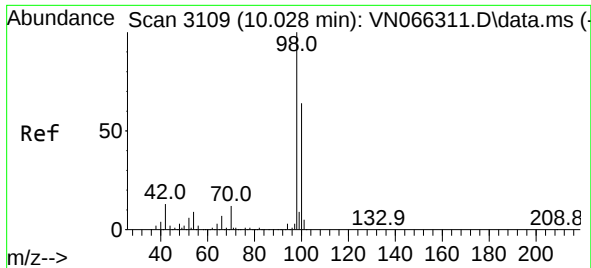


#60
4-Bromofluorobenzene
Concen: 20.60 ug/l
RT: 12.348 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VN066557.D
Acq: 9 Apr 2021 12:50

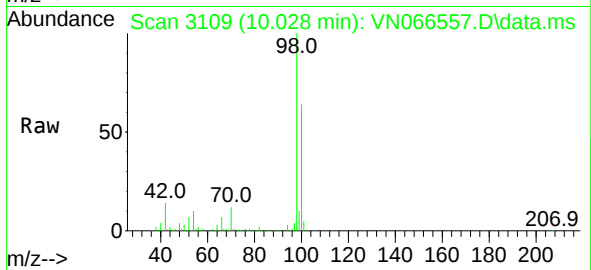


Tgt Ion: 95 Resp: 65440
Ion Ratio Lower Upper
95 100
174 90.2 68.1 102.1
176 85.6 65.4 98.0

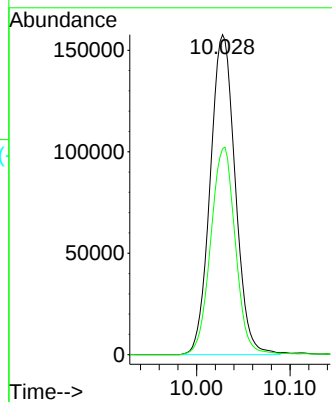
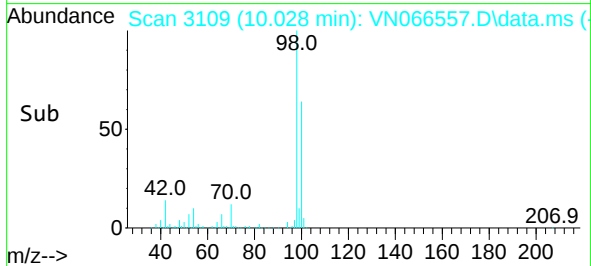




#63
Toluene-d8
Concen: 30.73 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066557.D
Acq: 9 Apr 2021 12:50



Tgt Ion: 98 Resp: 293633
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



Instrument :
MSVOA_N
ClientSampleId :
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