

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112321\
 Data File : VN069622.D
 Acq On : 23 Nov 2021 12:23
 Operator : JC/MD
 Sample : VN1123WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBL01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 24 02:25:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	238609	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1326911	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	1136886	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	651429	31.479	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.933%
60) 4-Bromofluorobenzene	12.733	95	440915	24.235	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.767%
63) Toluene-d8	10.443	98	1635297	31.153	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.833%
Target Compounds						
18) Methylene Chloride	5.095	84	22292m	1.467	ug/l	Qvalue

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

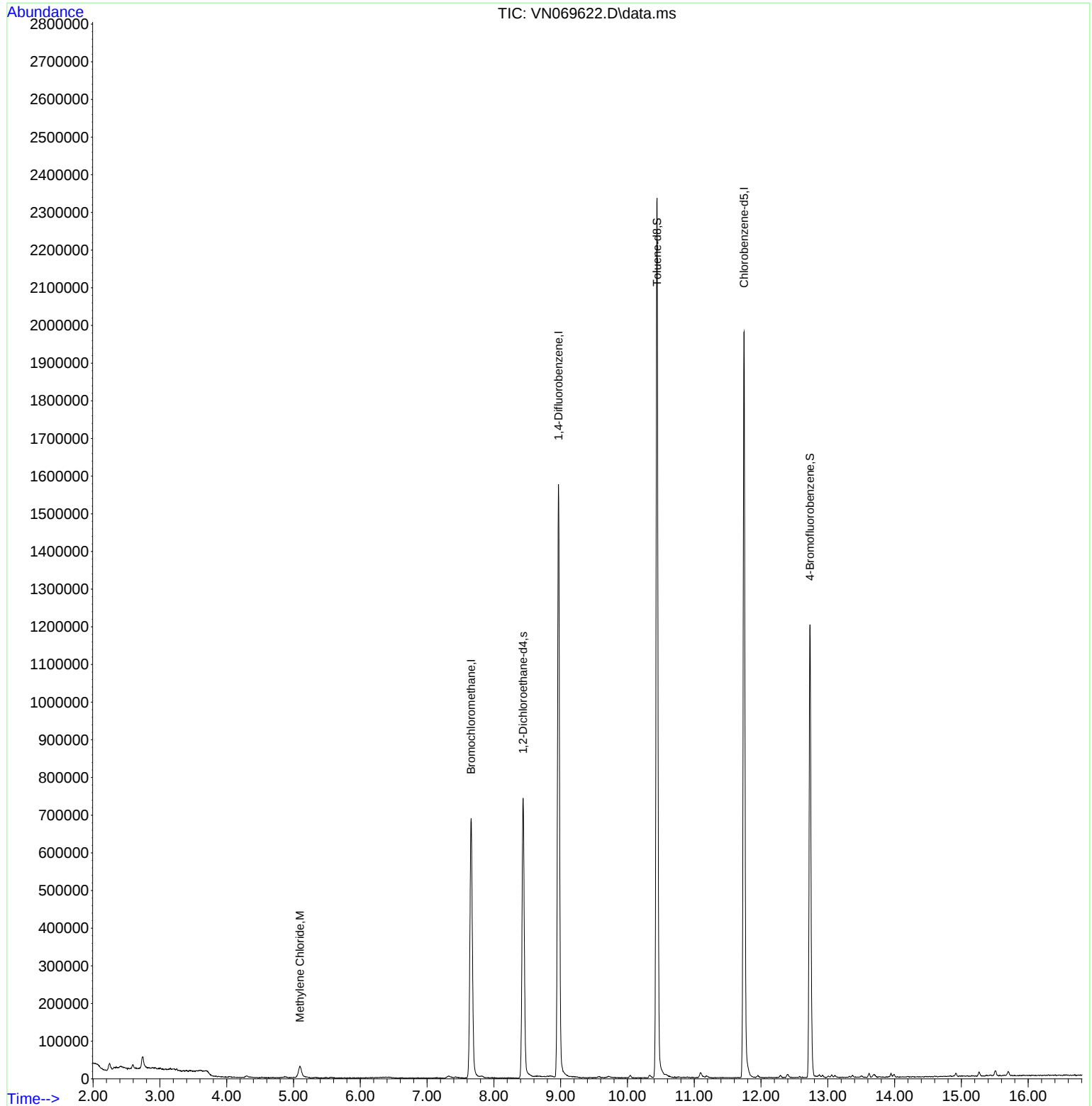
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112321\
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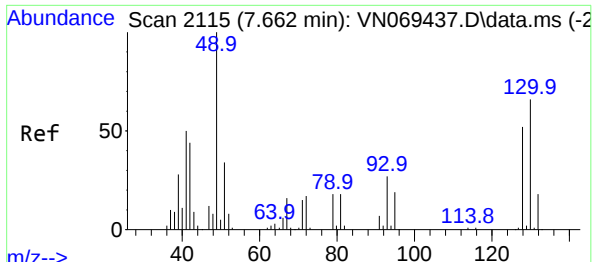
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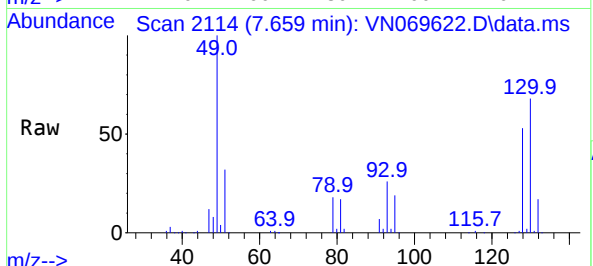
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Nov 10 14:36:17 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2115
Delta R.T. -0.003 min
Lab File: VN069622.D
Acq: 23 Nov 2021 12:23

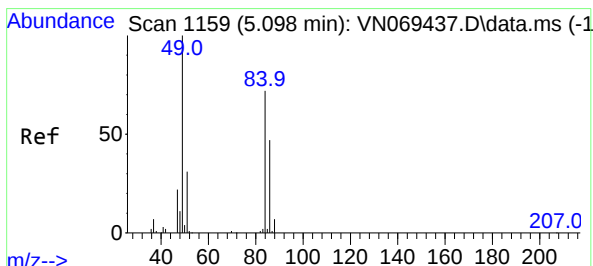
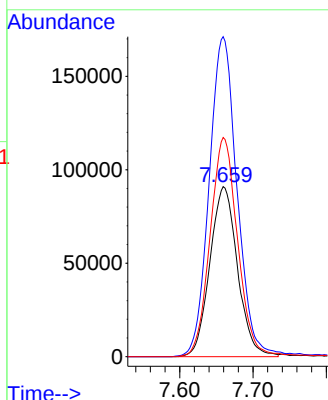
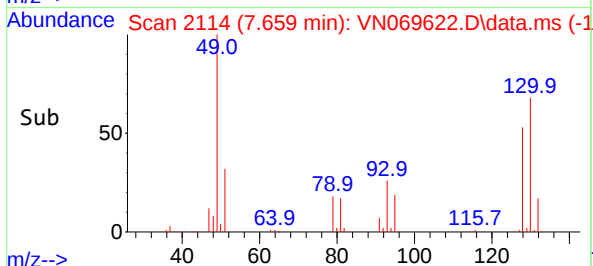
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBL01



Tgt Ion:128 Resp: 238609
Ion Ratio Lower Upper
128 100
49 189.5 0.0 392.3
130 127.8 0.0 320.2

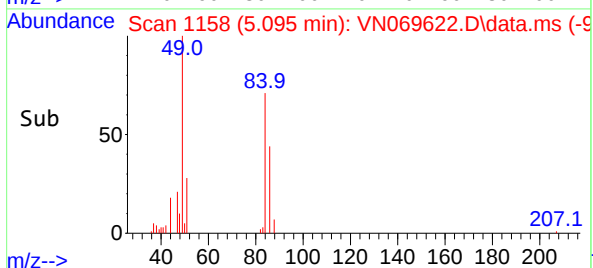
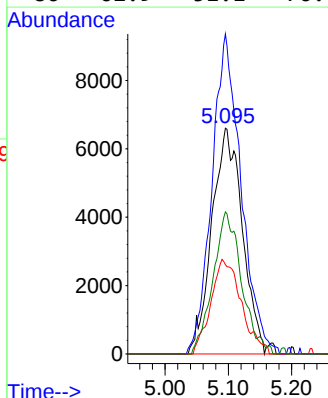
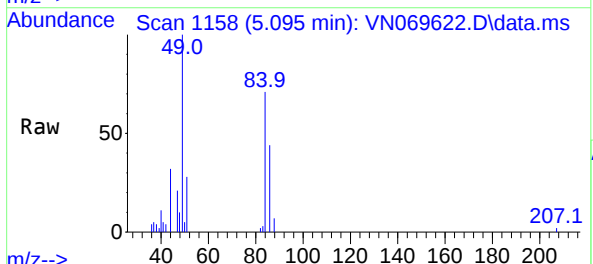
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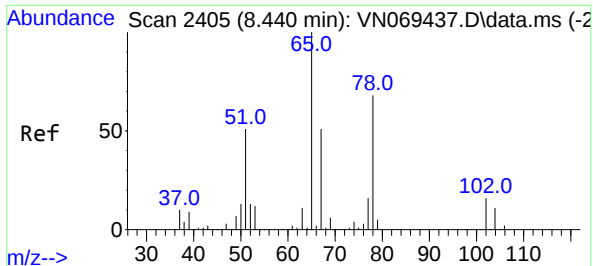
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#18
Methylene Chloride
Concen: 1.467 ug/l m
RT: 5.095 min Scan# 1158
Delta R.T. -0.005 min
Lab File: VN069622.D
Acq: 23 Nov 2021 12:23

Tgt Ion: 84 Resp: 22292
Ion Ratio Lower Upper
84 100
49 141.7 91.4 137.0#
51 39.5 29.4 44.0
86 62.9 51.1 76.7





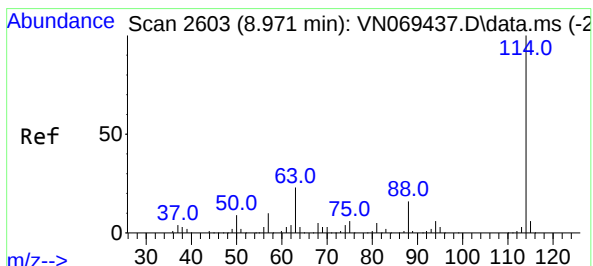
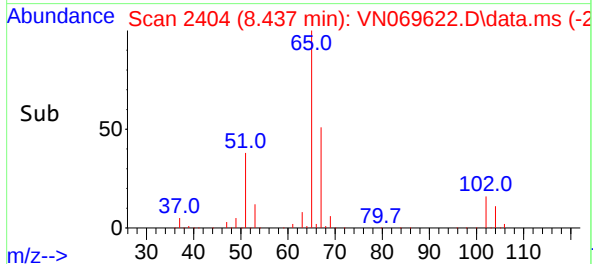
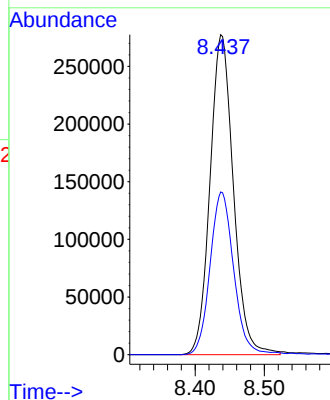
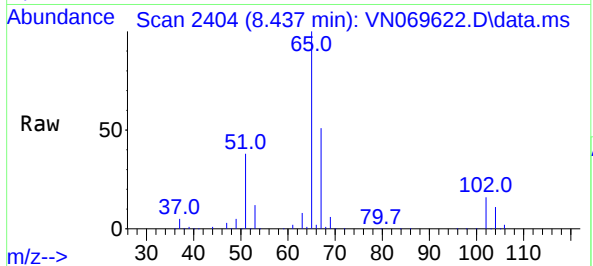
#27
1,2-Dichloroethane-d4
Concen: 31.479 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VN069622.D
Acq: 23 Nov 2021 12:23

Instrument :
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ClientSampleId :
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Tgt Ion: 65 Resp: 651429
Ion Ratio Lower Upper
65 100
67 51.1 40.2 60.2

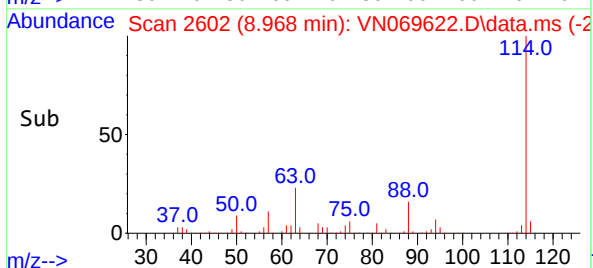
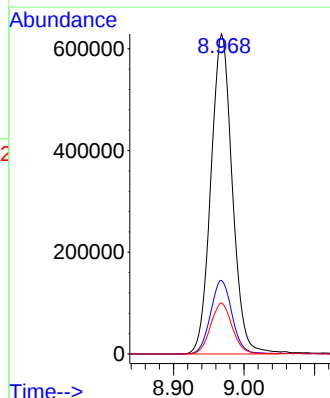
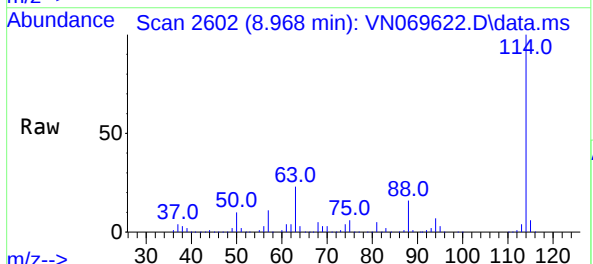
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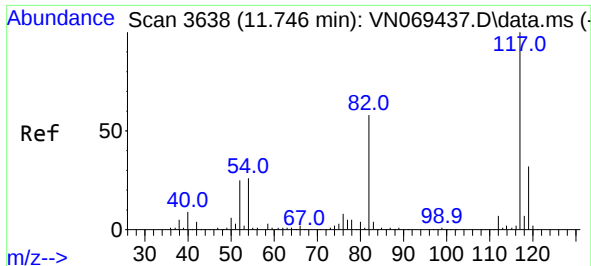
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN069622.D
Acq: 23 Nov 2021 12:23

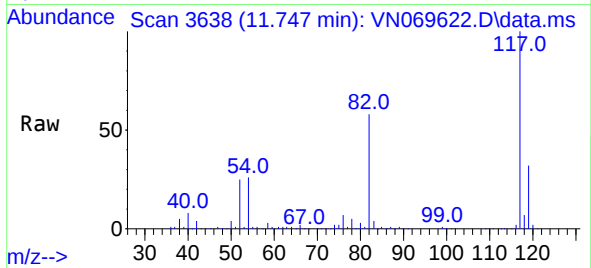
Tgt Ion:114 Resp: 1326911
Ion Ratio Lower Upper
114 100
63 23.2 15.8 23.6
88 16.1 11.6 17.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069622.D
Acq: 23 Nov 2021 12:23

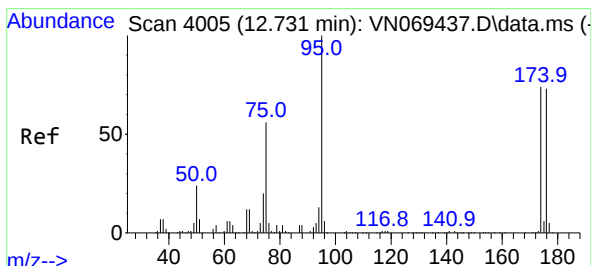
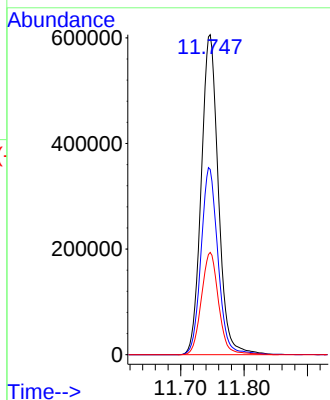
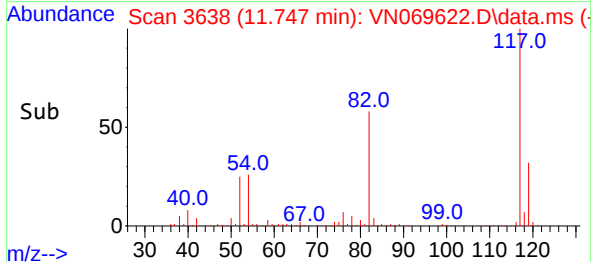
Instrument :
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ClientSampleId :
VN1123WBL01



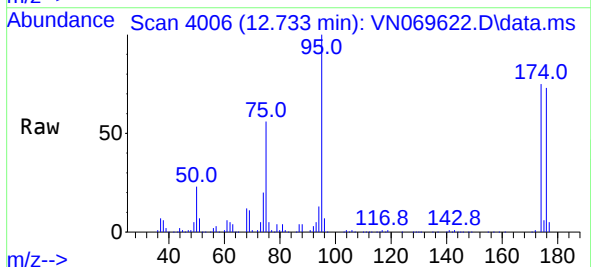
Tgt Ion: 117 Resp: 113688
Ion Ratio Lower Upper
117 100
82 58.0 43.6 65.4
119 32.2 25.8 38.6

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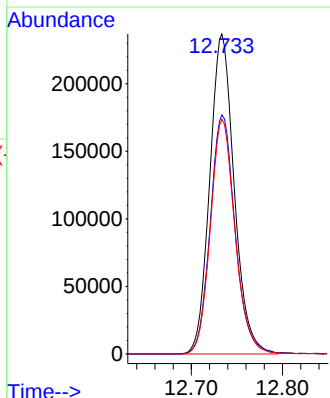
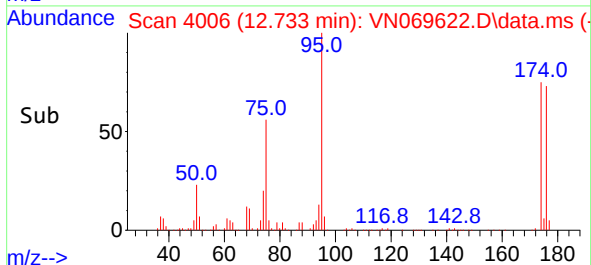
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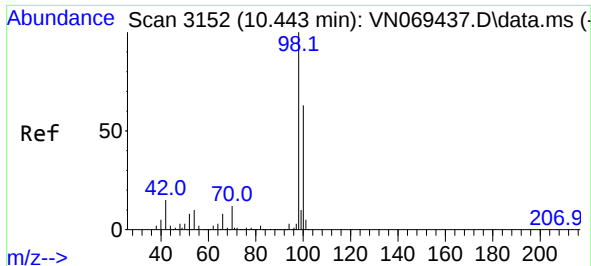


#60
4-Bromofluorobenzene
Concen: 24.235 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069622.D
Acq: 23 Nov 2021 12:23



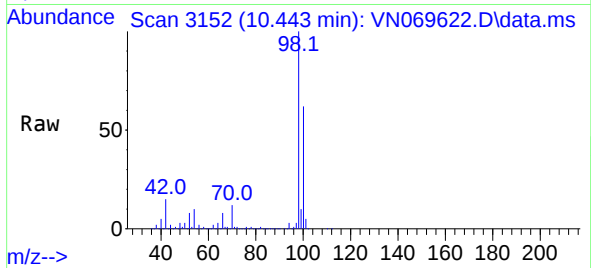
Tgt Ion: 95 Resp: 440915
Ion Ratio Lower Upper
95 100
174 76.1 62.9 94.3
176 73.6 61.0 91.4





#63
Toluene-d8
Concen: 31.153 ug/l
RT: 10.443 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069622.D
Acq: 23 Nov 2021 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBL01



Tgt Ion: 98 Resp: 163529
Ion Ratio Lower Upper
98 100
100 63.5 50.6 76.0

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