

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074887.D
 Acq On : 12 Oct 2022 19:58
 Operator : JC\MD
 Sample : N5089-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(OCT)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/13/2022
 Supervised By : Mahesh Dadoda 10/14/2022

Quant Time: Oct 13 08:03:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.830	128	60236	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	361419m	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	304399	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	193585	34.327	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	114.433%#
60) 4-Bromofluorobenzene	12.847	95	142284	26.358	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.867%
63) Toluene-d8	10.571	98	543452	30.934	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.100%
Target Compounds						
15) Acetone	4.453	58	335065	369.944	ug/l	Qvalue 83

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

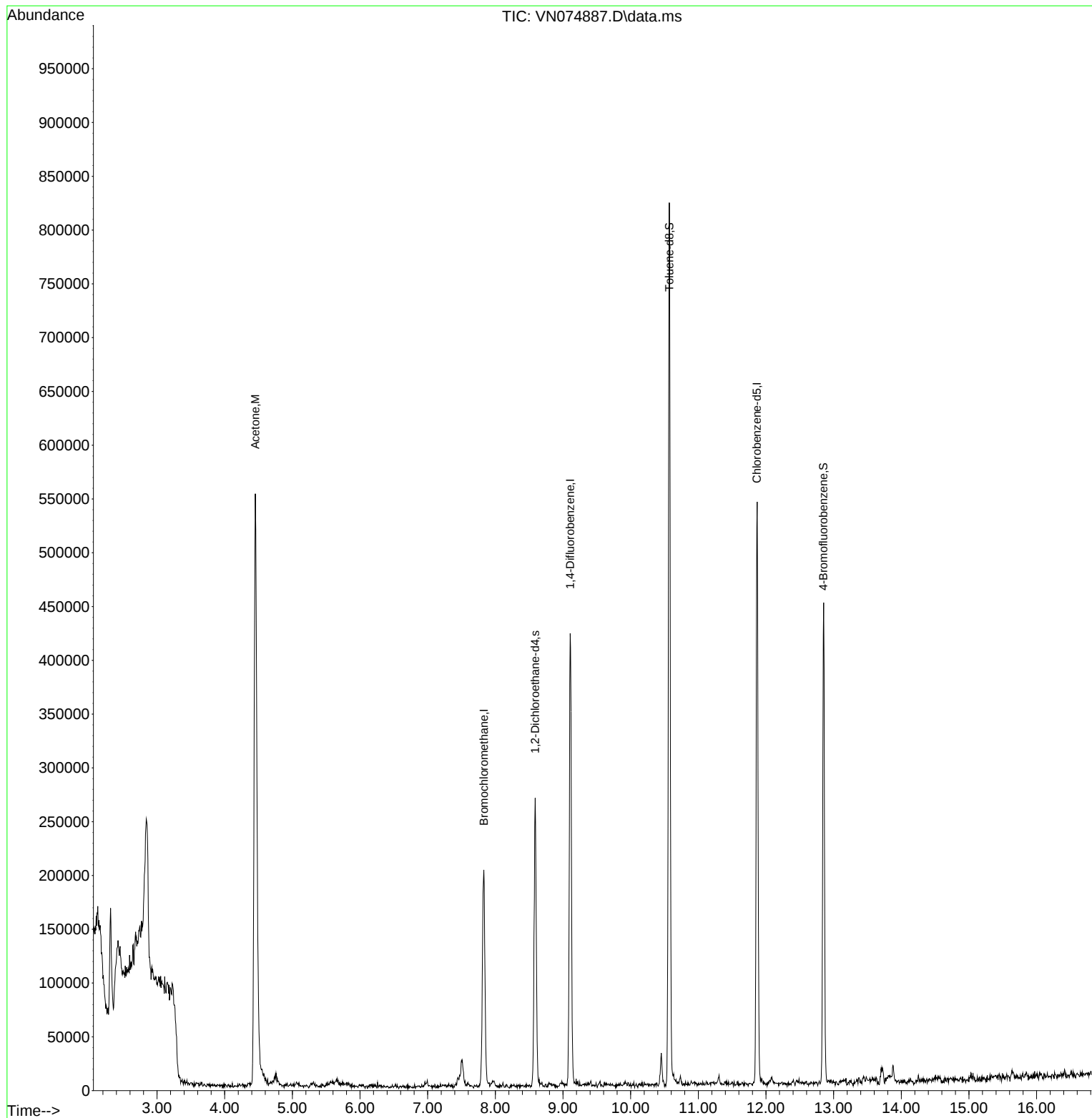
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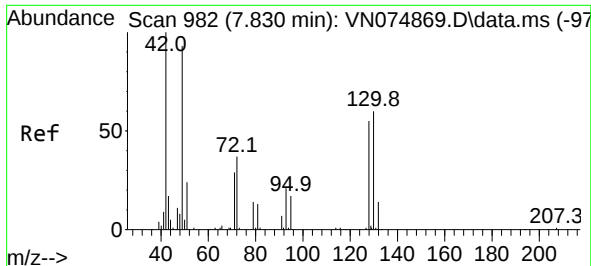
Instrument :
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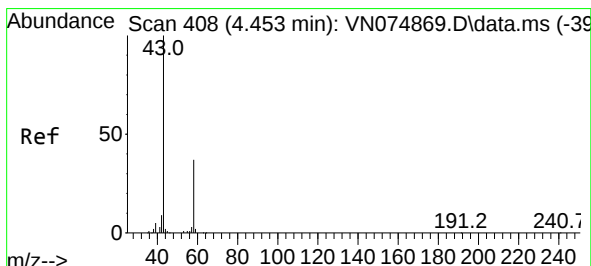
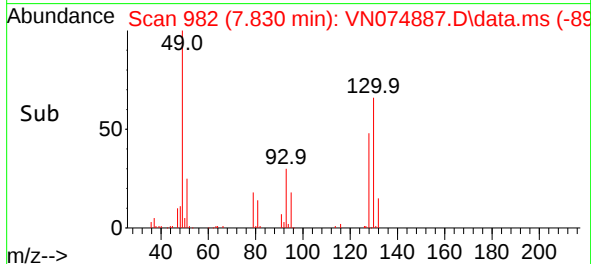
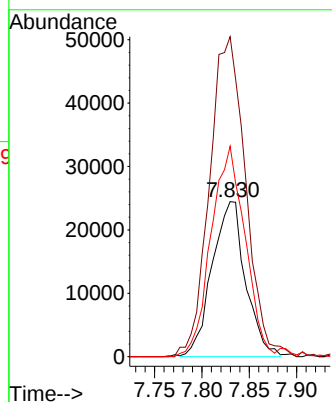
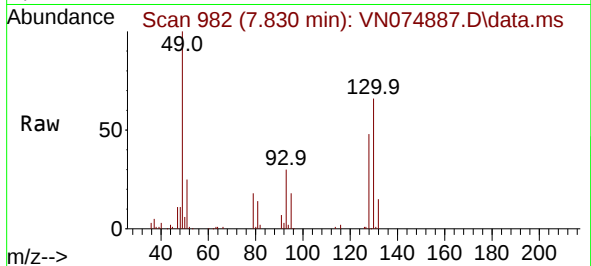
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 982
Delta R.T. -0.000 min
Lab File: VN074887.D
Acq: 12 Oct 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)

Tgt Ion:128 Resp: 60230
Ion Ratio Lower Upper
128 100
49 219.8 0.0 492.0
130 137.1 0.0 313.3

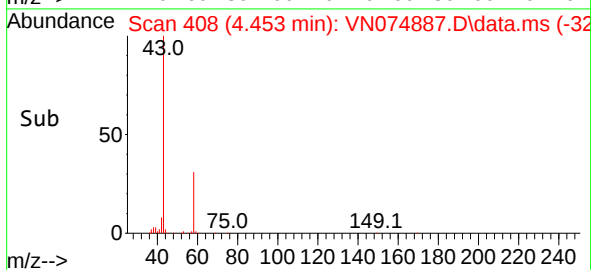
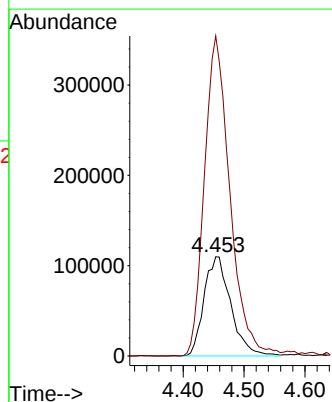
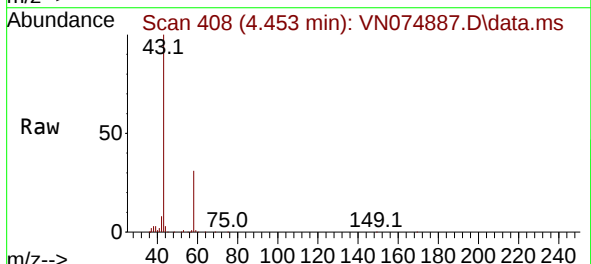
Manual Integrations
APPROVED

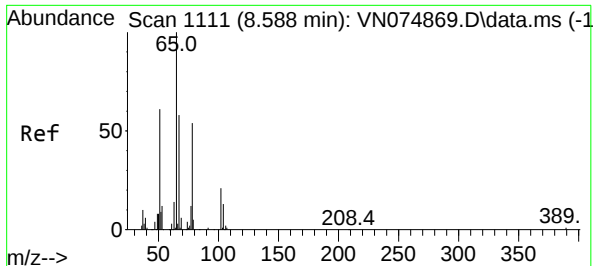
Reviewed By :John Carlone 10/13/2022
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#15
Acetone
Concen: 369.944 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN074887.D
Acq: 12 Oct 2022 19:58

Tgt Ion: 58 Resp: 335065
Ion Ratio Lower Upper
58 100
43 322.7 232.2 348.4





#27

1,2-Dichloroethane-d4

Concen: 34.327 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074887.D

Acq: 12 Oct 2022 19:58

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(OCT)

Tgt Ion: 65 Resp: 19358

Ion Ratio Lower Upper

65 100

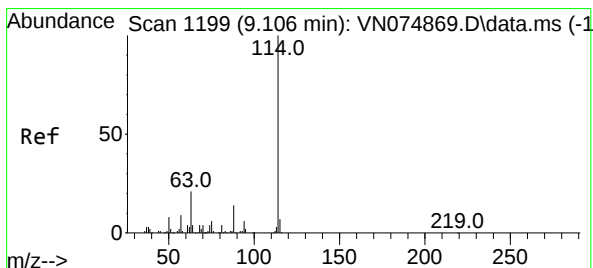
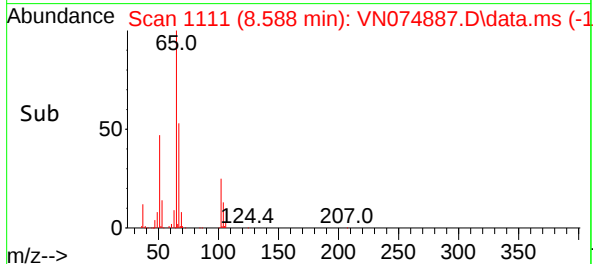
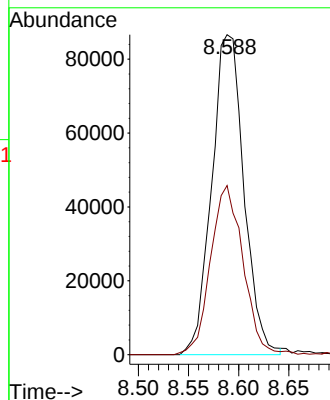
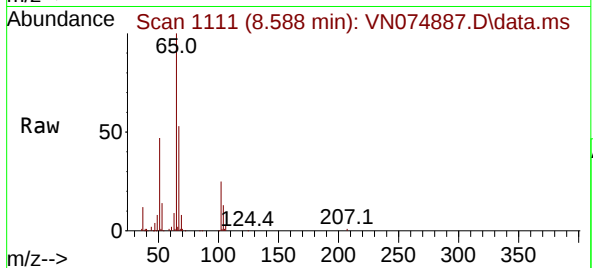
67 53.1 45.2 67.8

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l m

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074887.D

Acq: 12 Oct 2022 19:58

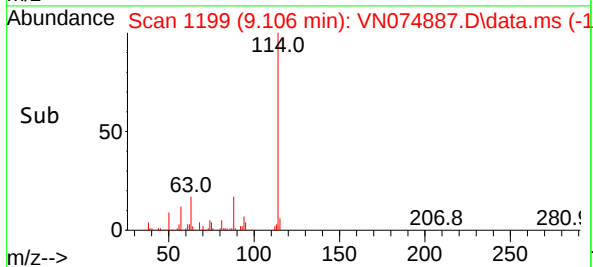
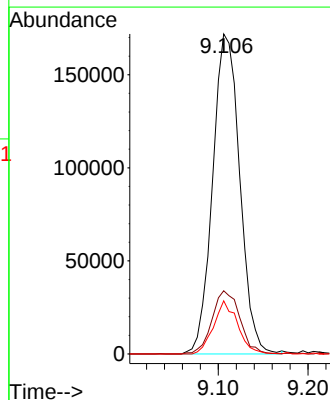
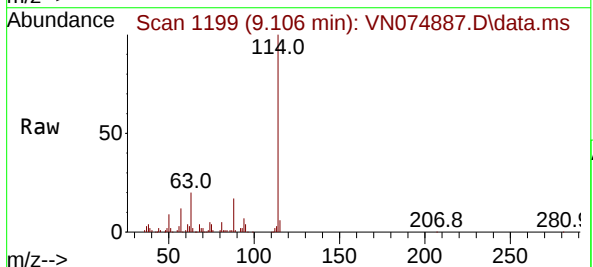
Tgt Ion:114 Resp: 361419

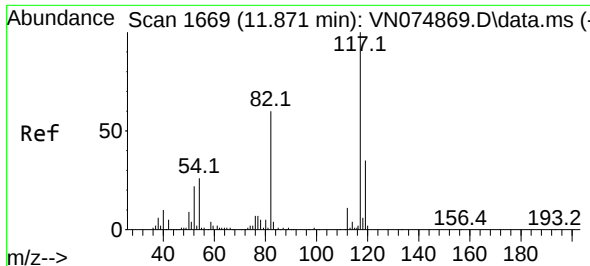
Ion Ratio Lower Upper

114 100

63 0.0 16.6 25.0#

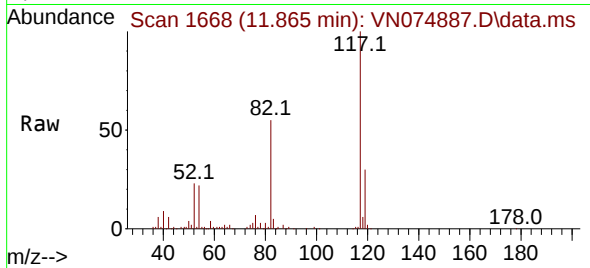
88 0.0 12.2 18.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN074887.D
Acq: 12 Oct 2022 19:58

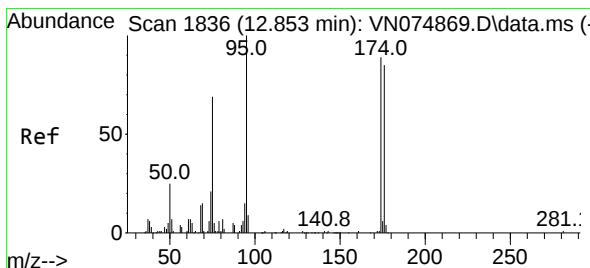
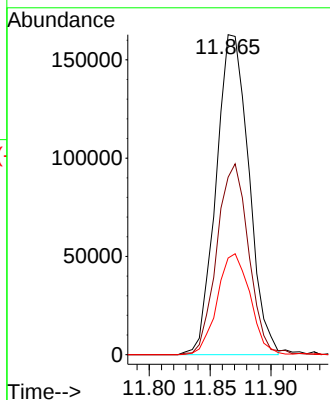
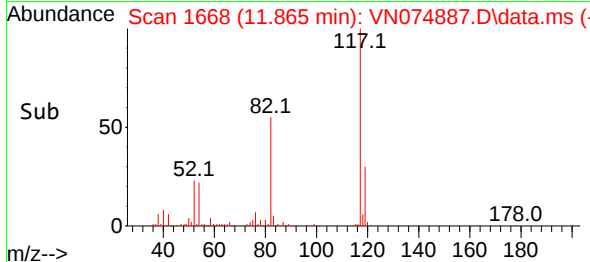
Instrument :
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002-35TH-AVE(OCT)



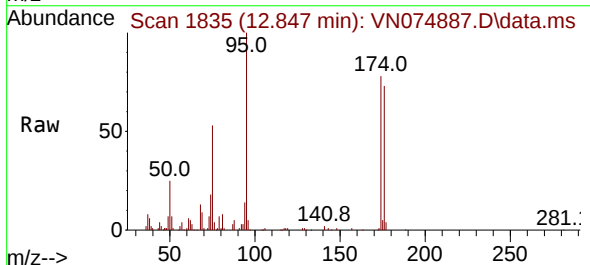
Tgt Ion: 117 Resp: 304399
Ion Ratio Lower Upper
117 100
82 57.6 44.6 67.0
119 31.6 25.6 38.4

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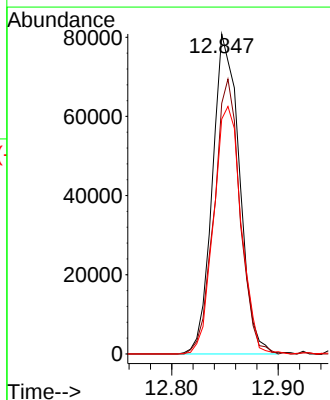
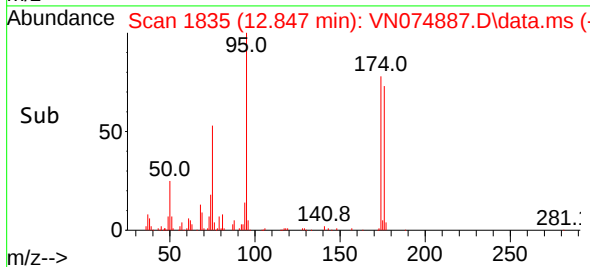
Reviewed By :John Carlone 10/13/2022
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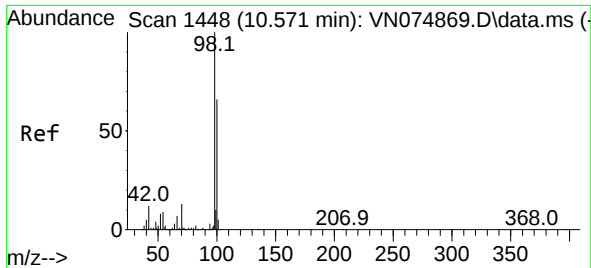


#60
4-Bromofluorobenzene
Concen: 26.358 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074887.D
Acq: 12 Oct 2022 19:58



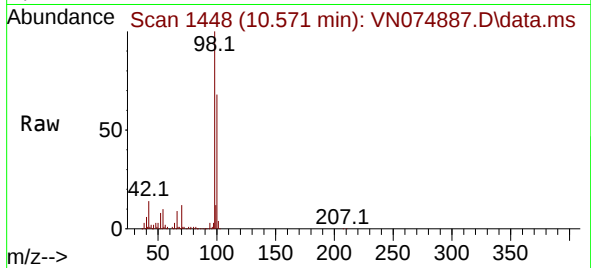
Tgt Ion: 95 Resp: 142284
Ion Ratio Lower Upper
95 100
174 82.3 57.8 86.8
176 78.8 57.0 85.4





#63
Toluene-d8
Concen: 30.934 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074887.D
Acq: 12 Oct 2022 19:58

Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(OCT)



Tgt Ion: 98 Resp: 543452
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

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