

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
 Data File : VN077122.D
 Acq On : 23 Mar 2023 02:39
 Operator : JC\MD
 Sample : VN0322WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBL02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/23/2023
 Supervised By :Semsettin Yesilyurt 03/23/2023

Quant Time: Mar 23 03:44:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	426360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	722636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	622179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	239474	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	304602	44.726	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.460%
35) Dibromofluoromethane	8.172	113	234582	46.354	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.700%
50) Toluene-d8	10.571	98	864375	47.815	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.854	95	262071m	41.026	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.060%#

Target Compounds	Qvalue

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

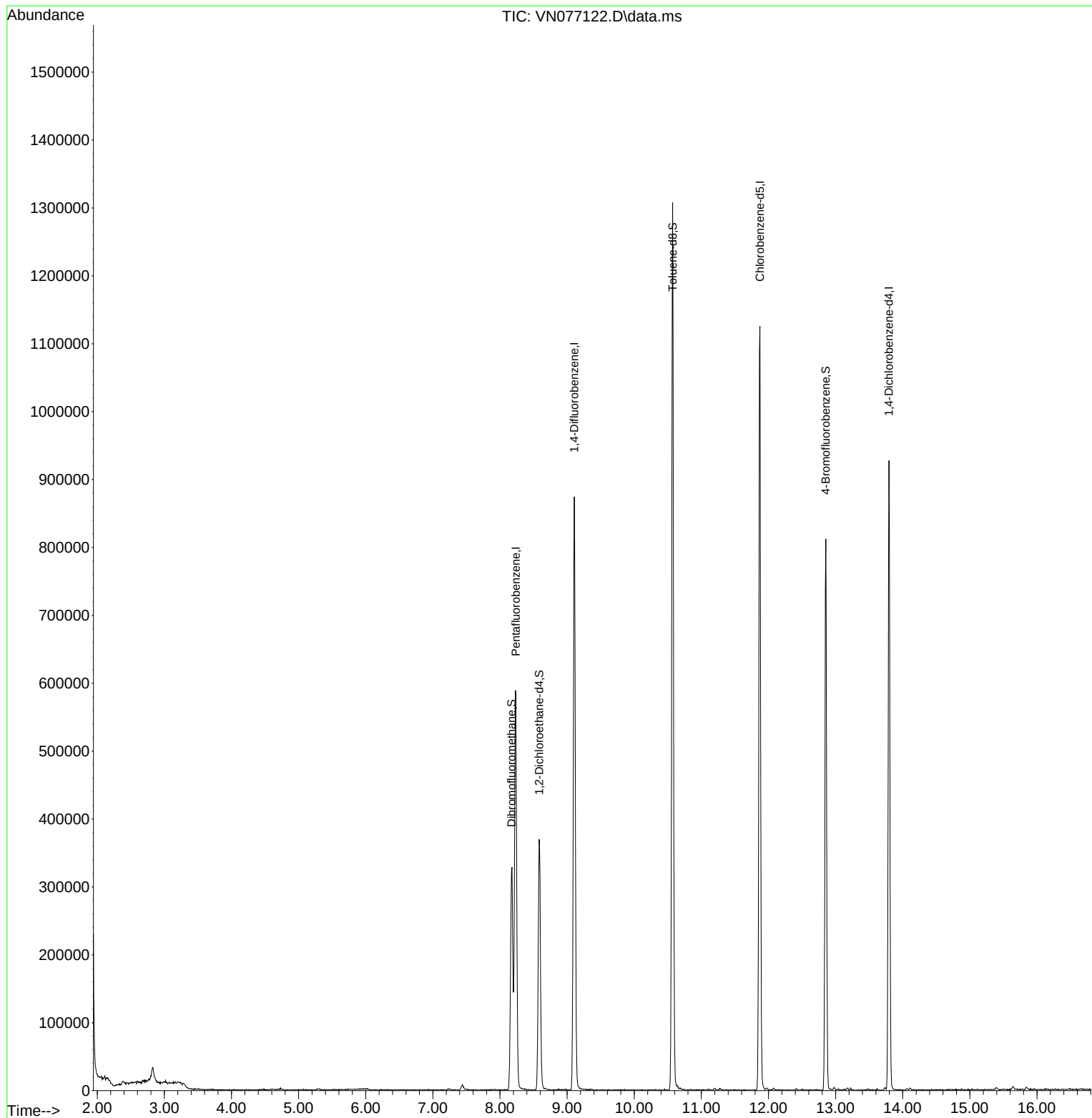
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032223\
Data File : VN077122.D
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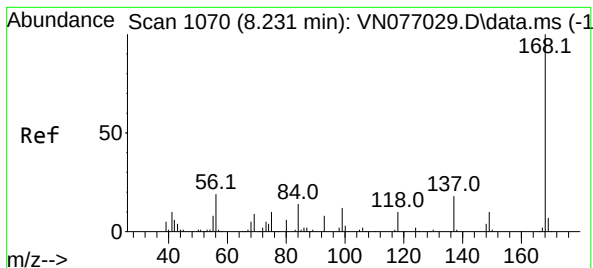
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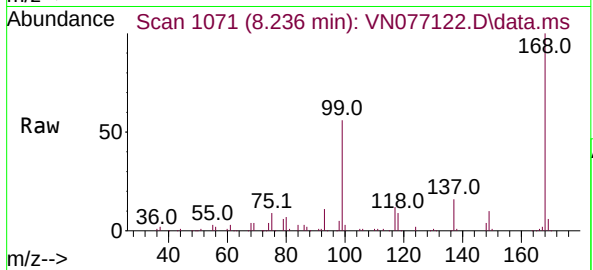
Quant Time: Mar 23 03:44:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN077122.D
Acq: 23 Mar 2023 02:39

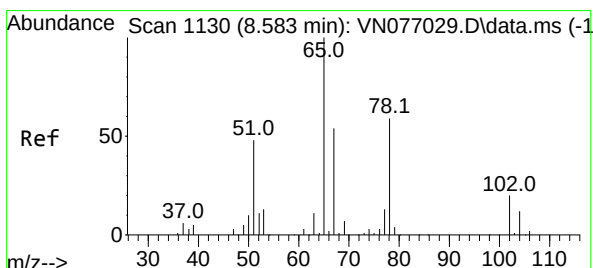
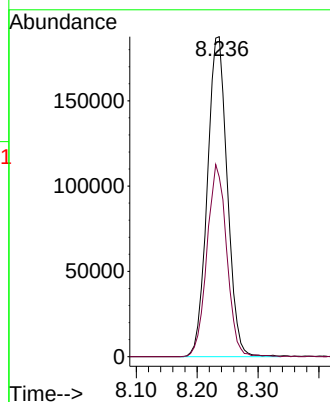
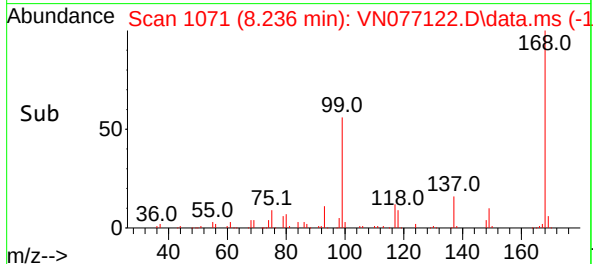
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBL02



Tgt Ion:168 Resp: 426360
Ion Ratio Lower Upper
168 100
99 56.1 53.9 80.9

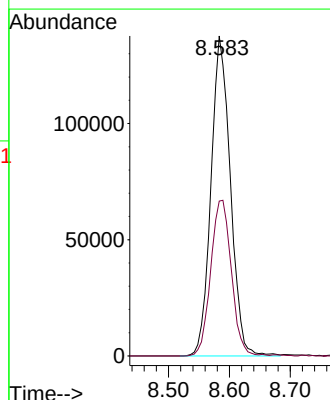
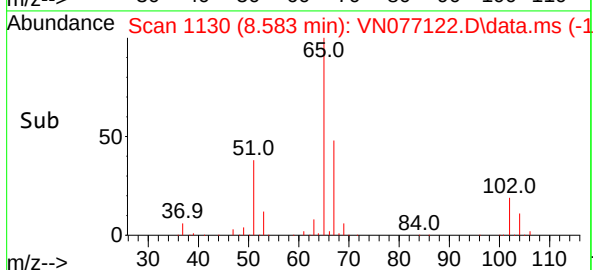
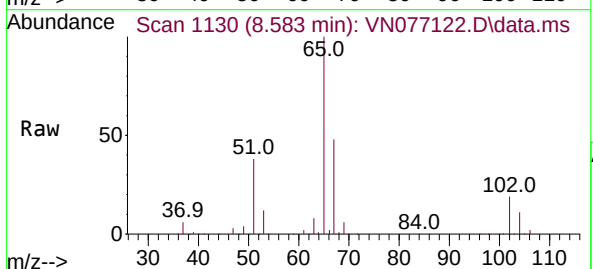
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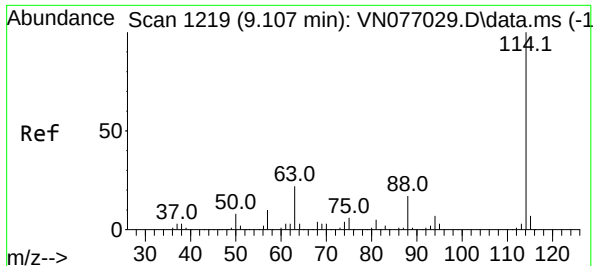
Reviewed By :Krupa Patel 03/23/2023
Supervised By :Semsettin Yesilyurt 03/23/2023



#33
1,2-Dichloroethane-d4
Concen: 44.726 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077122.D
Acq: 23 Mar 2023 02:39

Tgt Ion: 65 Resp: 304602
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077122.D

Acq: 23 Mar 2023 02:39

Instrument :

MSVOA_N

ClientSampleId :

VN0322WBL02

Tgt Ion:114 Resp: 722630

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.6

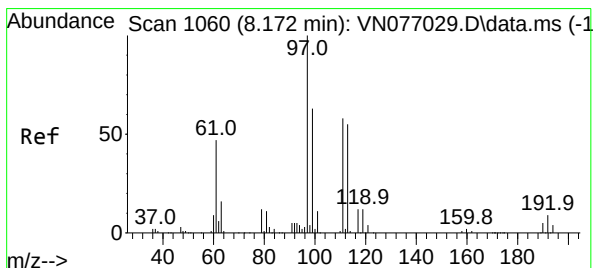
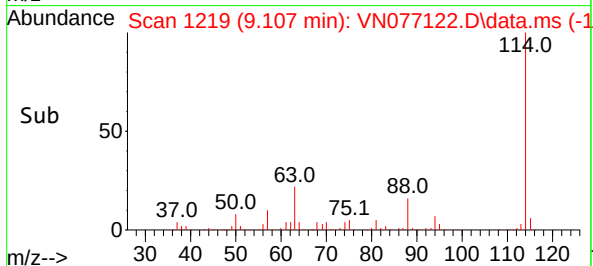
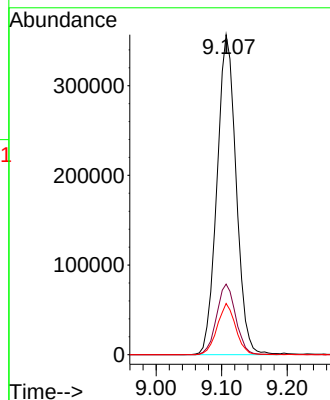
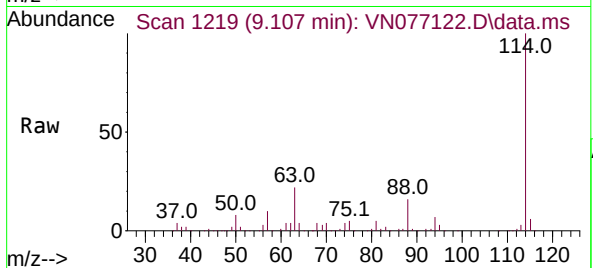
88 16.0 0.0 33.8

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#35

Dibromofluoromethane

Concen: 46.354 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077122.D

Acq: 23 Mar 2023 02:39

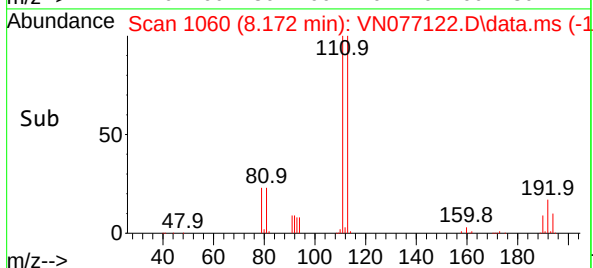
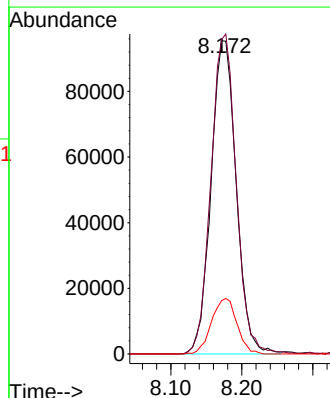
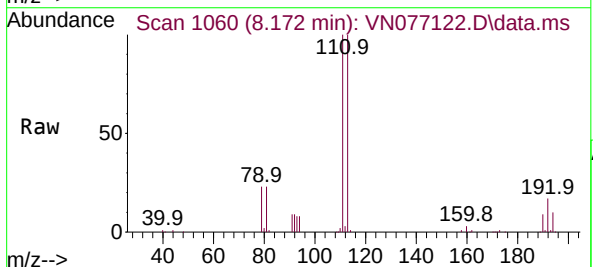
Tgt Ion:113 Resp: 234582

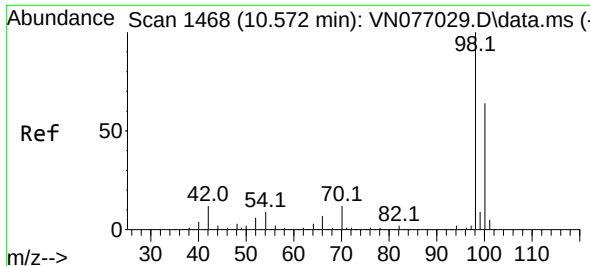
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

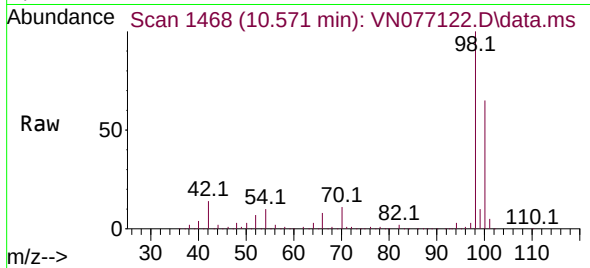
192 17.8 13.0 19.6





#50
Toluene-d8
Concen: 47.815 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077122.D
Acq: 23 Mar 2023 02:39

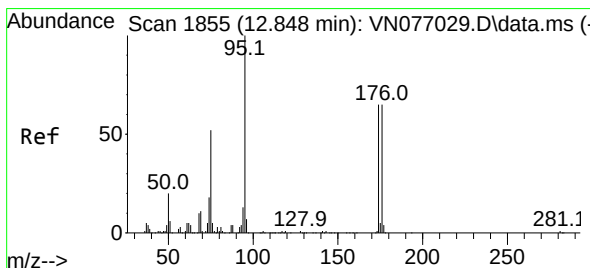
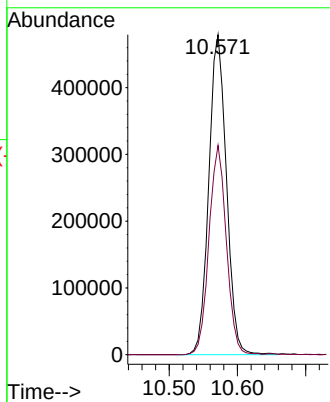
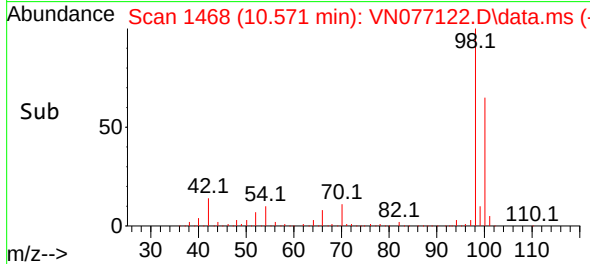
Instrument :
MSVOA_N
ClientSampleId :
VN0322WBL02



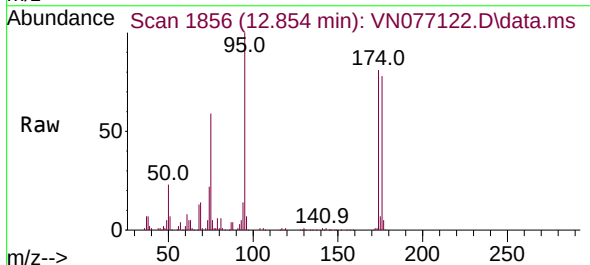
Tgt Ion: 98 Resp: 864375
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

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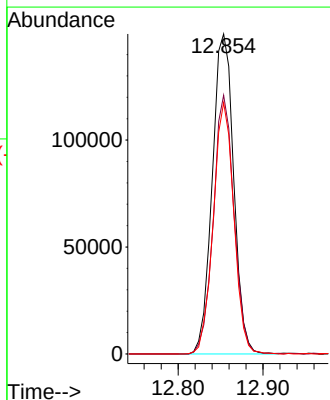
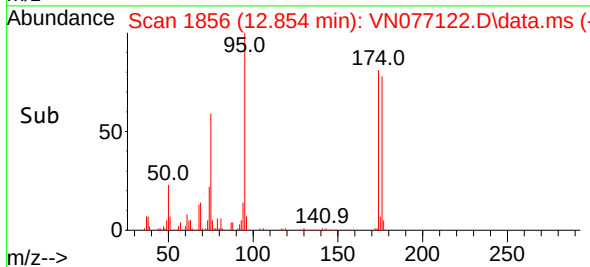
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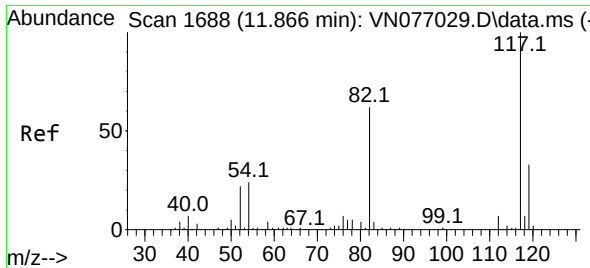


#62
4-Bromofluorobenzene
Concen: 41.026 ug/l m
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077122.D
Acq: 23 Mar 2023 02:39



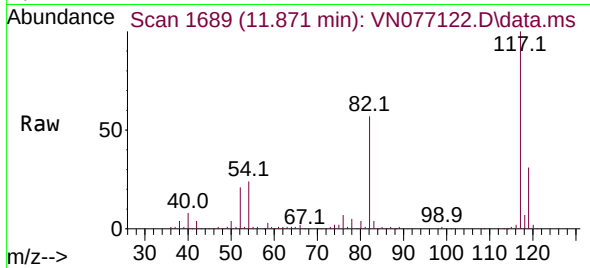
Tgt Ion: 95 Resp: 262071
Ion Ratio Lower Upper
95 100
174 77.9 0.0 136.6
176 75.4 0.0 130.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077122.D
Acq: 23 Mar 2023 02:39

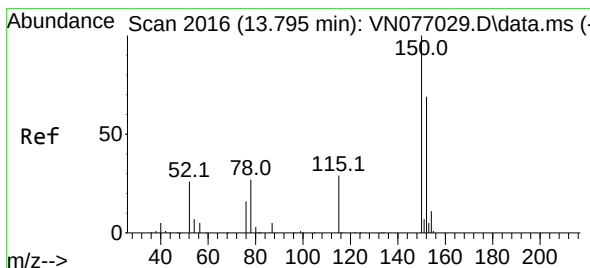
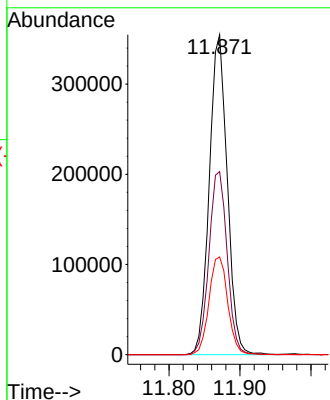
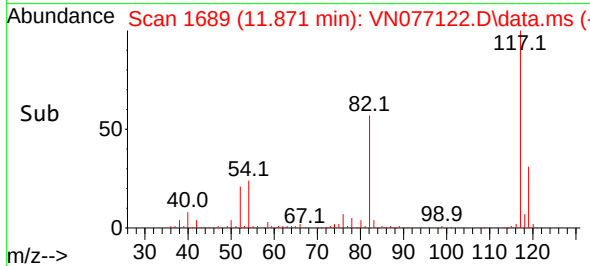
Instrument :
MSVOA_N
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VN0322WBL02



Tgt Ion:117 Resp: 622179
Ion Ratio Lower Upper
117 100
82 57.2 49.4 74.0
119 30.6 26.5 39.7

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Supervised By :Semsettin Yesilyurt 03/23/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077122.D
Acq: 23 Mar 2023 02:39

Tgt Ion:152 Resp: 239474
Ion Ratio Lower Upper
152 100
115 59.9 31.9 95.7
150 157.9 0.0 348.0

