

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074445.D
 Acq On : 13 Sep 2022 20:09
 Operator : JC\MD
 Sample : N4492-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB02-090122

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

Quant Time: Sep 14 08:05:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	197570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	367705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	366071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	164885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	170179	49.785	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.580%		
35) Dibromofluoromethane	7.957	113	135690	54.662	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.320%		
50) Toluene-d8	10.380	98	455457	47.088	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.180%		
62) 4-Bromofluorobenzene	12.674	95	182154	51.870	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.740%		
Target Compounds					Qvalue	
16) Acetone	4.234	43	16430m	8.903	ug/l	

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

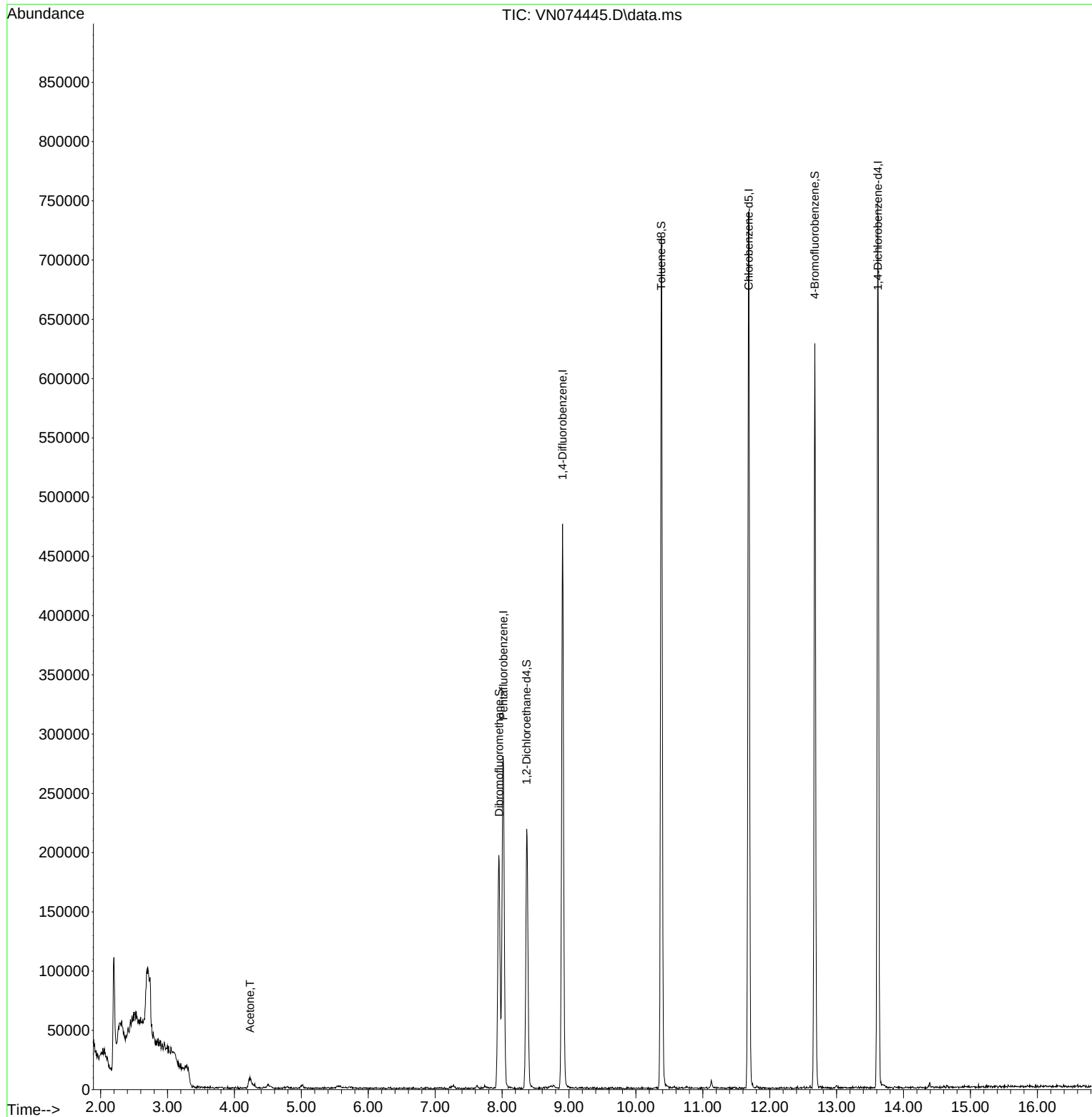
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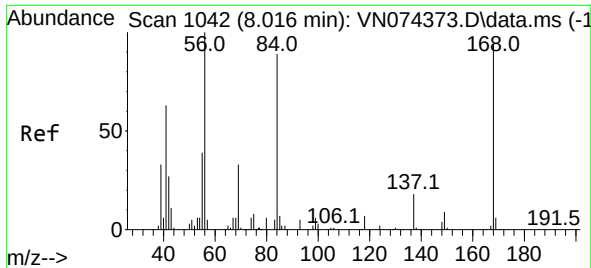
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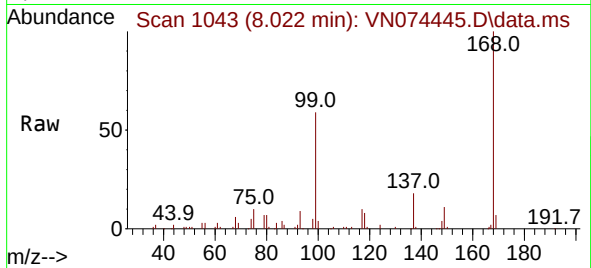
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074445.D
Acq: 13 Sep 2022 20:09

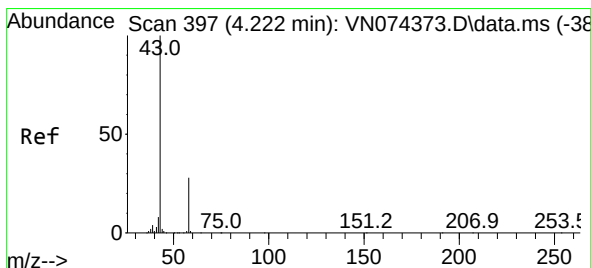
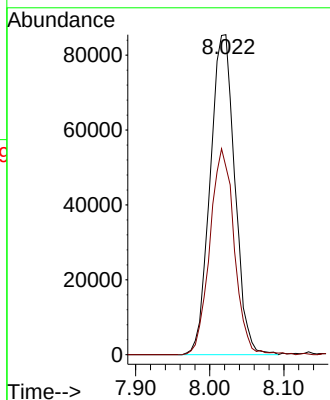
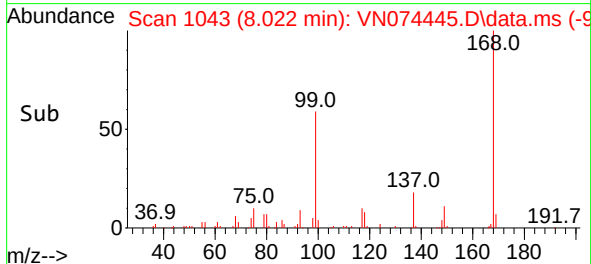
Instrument :
MSVOA_N
ClientSampleId :
EB02-090122



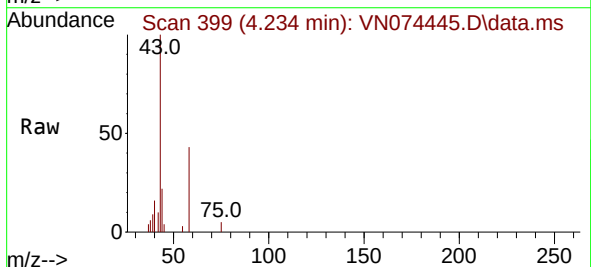
Tgt Ion:168 Resp: 197570
Ion Ratio Lower Upper
168 100
99 58.7 52.8 79.2

Manual Integrations
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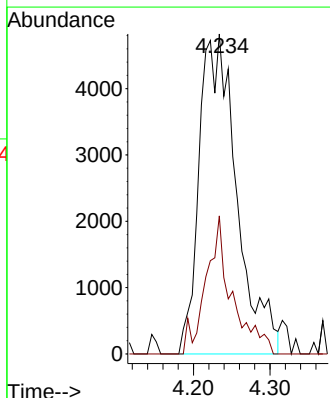
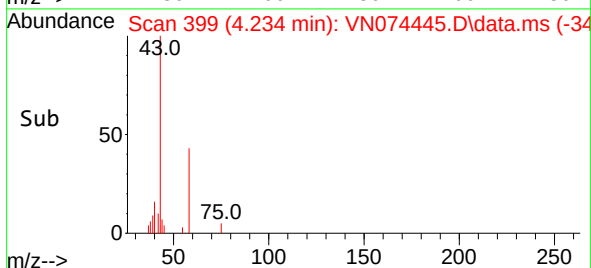
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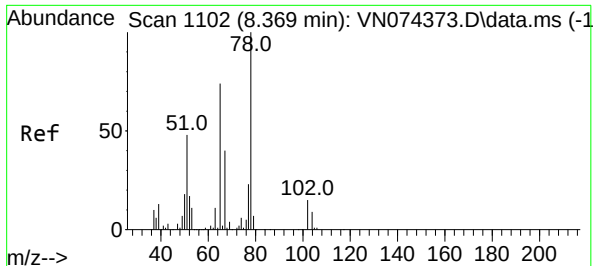


#16
Acetone
Concen: 8.903 ug/l m
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN074445.D
Acq: 13 Sep 2022 20:09



Tgt Ion: 43 Resp: 16430
Ion Ratio Lower Upper
43 100
58 43.2 22.7 34.1#





#33

1,2-Dichloroethane-d4

Concen: 49.785 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074445.D

Acq: 13 Sep 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

EB02-090122

Tgt Ion: 65 Resp: 170179

Ion Ratio Lower Upper

65 100

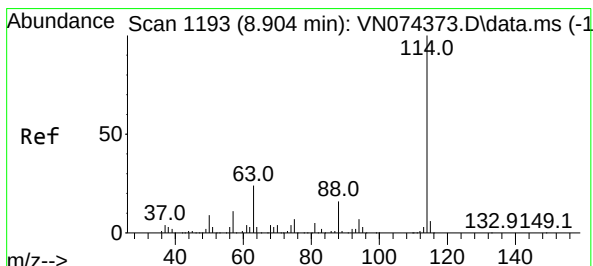
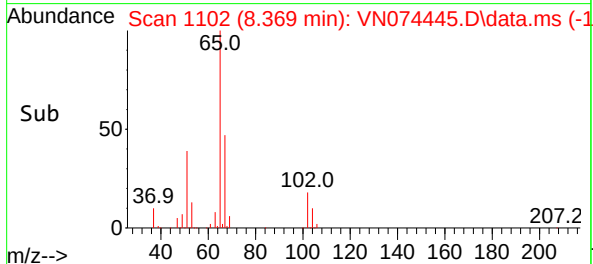
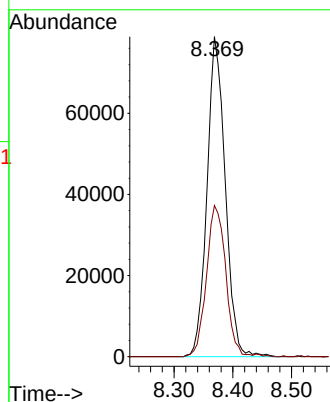
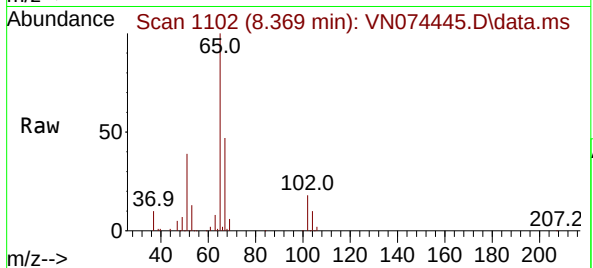
67 49.9 0.0 102.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074445.D

Acq: 13 Sep 2022 20:09

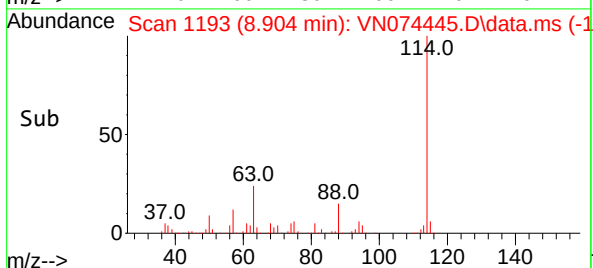
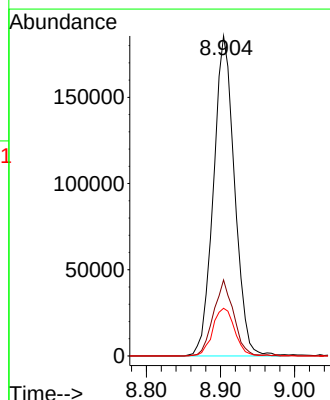
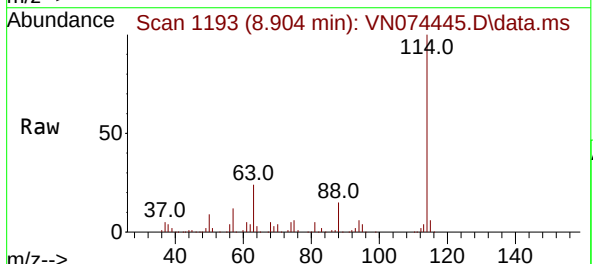
Tgt Ion:114 Resp: 367705

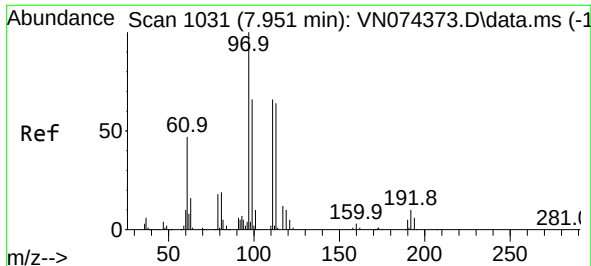
Ion Ratio Lower Upper

114 100

63 23.8 0.0 47.6

88 14.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.662 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074445.D

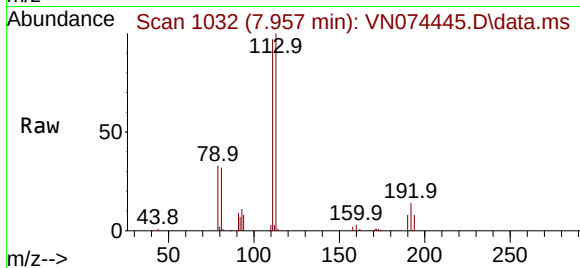
Acq: 13 Sep 2022 20:09

Instrument :

MSVOA_N

ClientSampleId :

EB02-090122



Tgt Ion:113 Resp: 135690

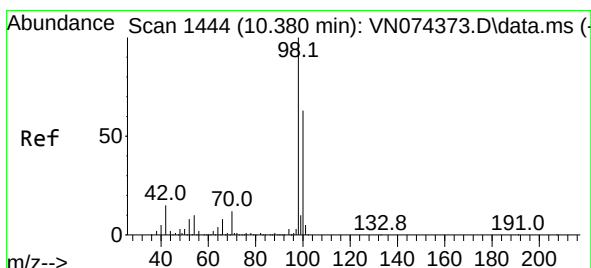
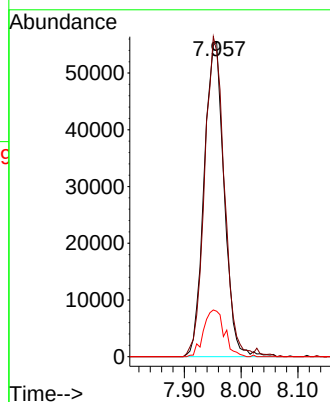
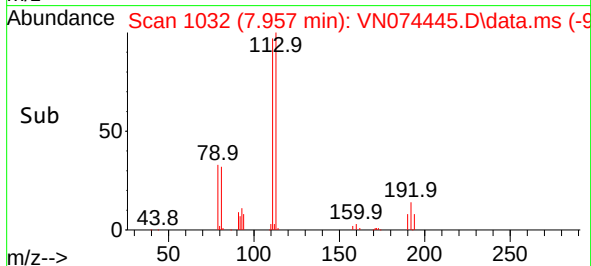
Ion	Ratio	Lower	Upper
113	100		
111	100.1	83.0	124.4
192	15.4	13.7	20.5

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#50

Toluene-d8

Concen: 47.088 ug/l

RT: 10.380 min Scan# 1444

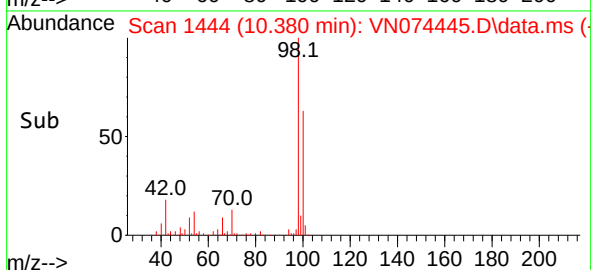
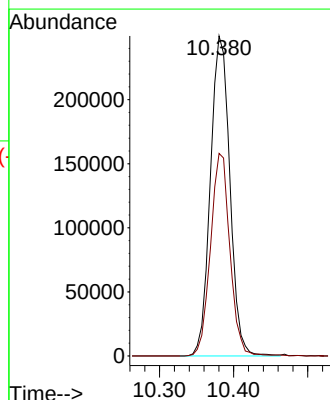
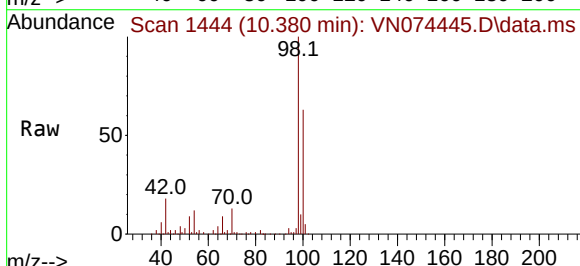
Delta R.T. 0.000 min

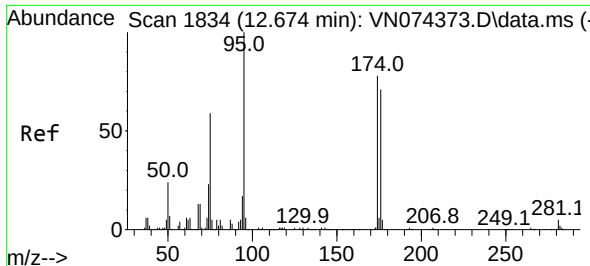
Lab File: VN074445.D

Acq: 13 Sep 2022 20:09

Tgt Ion: 98 Resp: 455457

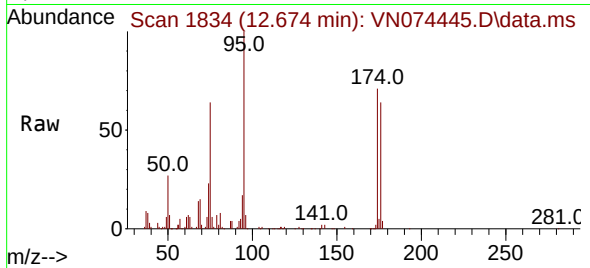
Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.6	76.0





#62
4-Bromofluorobenzene
Concen: 51.870 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN074445.D
Acq: 13 Sep 2022 20:09

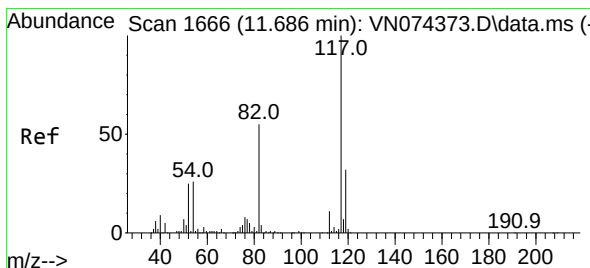
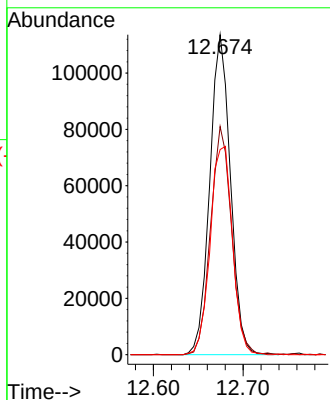
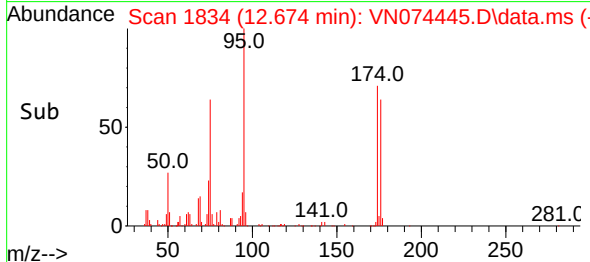
Instrument :
MSVOA_N
ClientSampleId :
EB02-090122



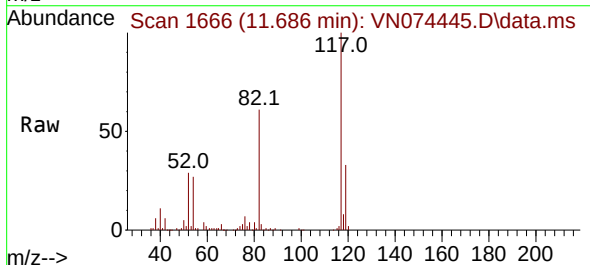
Tgt Ion: 95 Resp: 182154
Ion Ratio Lower Upper
95 100
174 72.2 0.0 150.6
176 70.1 0.0 143.4

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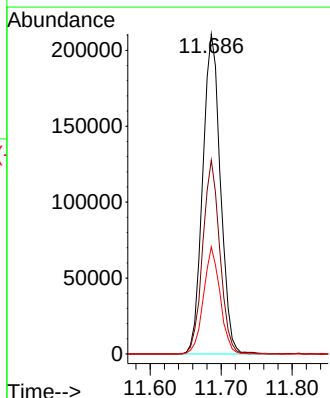
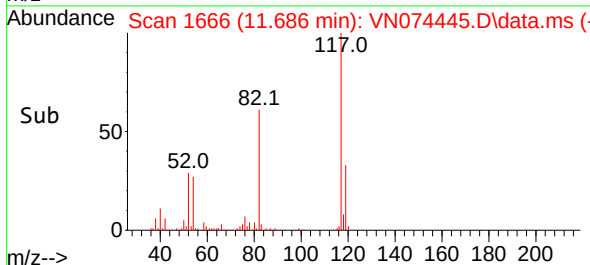
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

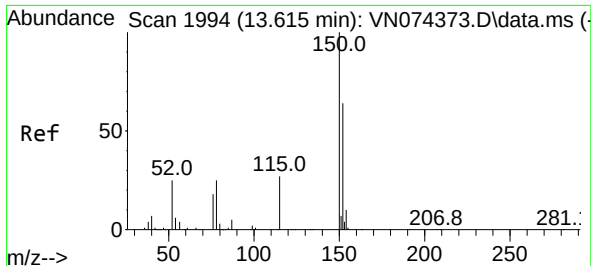


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN074445.D
Acq: 13 Sep 2022 20:09



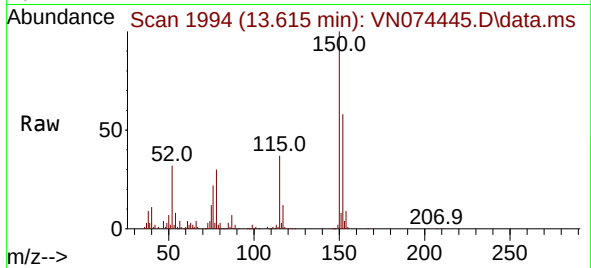
Tgt Ion:117 Resp: 366071
Ion Ratio Lower Upper
117 100
82 60.6 44.3 66.5
119 33.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.615 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN074445.D
 Acq: 13 Sep 2022 20:09

Instrument :
 MSVOA_N
 ClientSampleId :
 EB02-090122



Tgt Ion:152 Resp: 16488
 Ion Ratio Lower Upper
 152 100
 115 61.8 32.0 96.0
 150 158.0 0.0 359.6

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