

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070191.D
 Acq On : 18 Dec 2021 3:41
 Operator : JC/MD
 Sample : M5132-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Dec 19 07:22:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/03/2022
 Supervised By : Mahesh Dadoda 01/03/2022

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1101238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2116001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2491185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1034081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	874824	51.451	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.900%			
35) Dibromofluoromethane	8.021	113	614825	46.387	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 92.780%			
50) Toluene-d8	10.443	98	2790217	52.428	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.860%			
62) 4-Bromofluorobenzene	12.731	95	1255188	65.102	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 130.200%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.448	62	941805	63.652	ug/l	100
6) Chloroethane	3.027	64	84472	9.317	ug/l	96
11) Tert butyl alcohol	5.382	59	41521	12.919	ug/l #	88
12) 1,1-Dichloroethene	4.181	96	589956	56.241	ug/l	89
16) Acetone	4.296	43	45864	4.484	ug/l	98
24) 1,1-Dichloroethane	6.391	63	190954	7.979	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	112188	8.150	ug/l	95
40) Benzene	8.458	78	45903	0.746	ug/l	99
42) 1,2-Dichloroethane	8.531	62	141706	5.701	ug/l	95
49) 1,4-Dioxane	9.569	88	887960m	2390.105	ug/l	

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

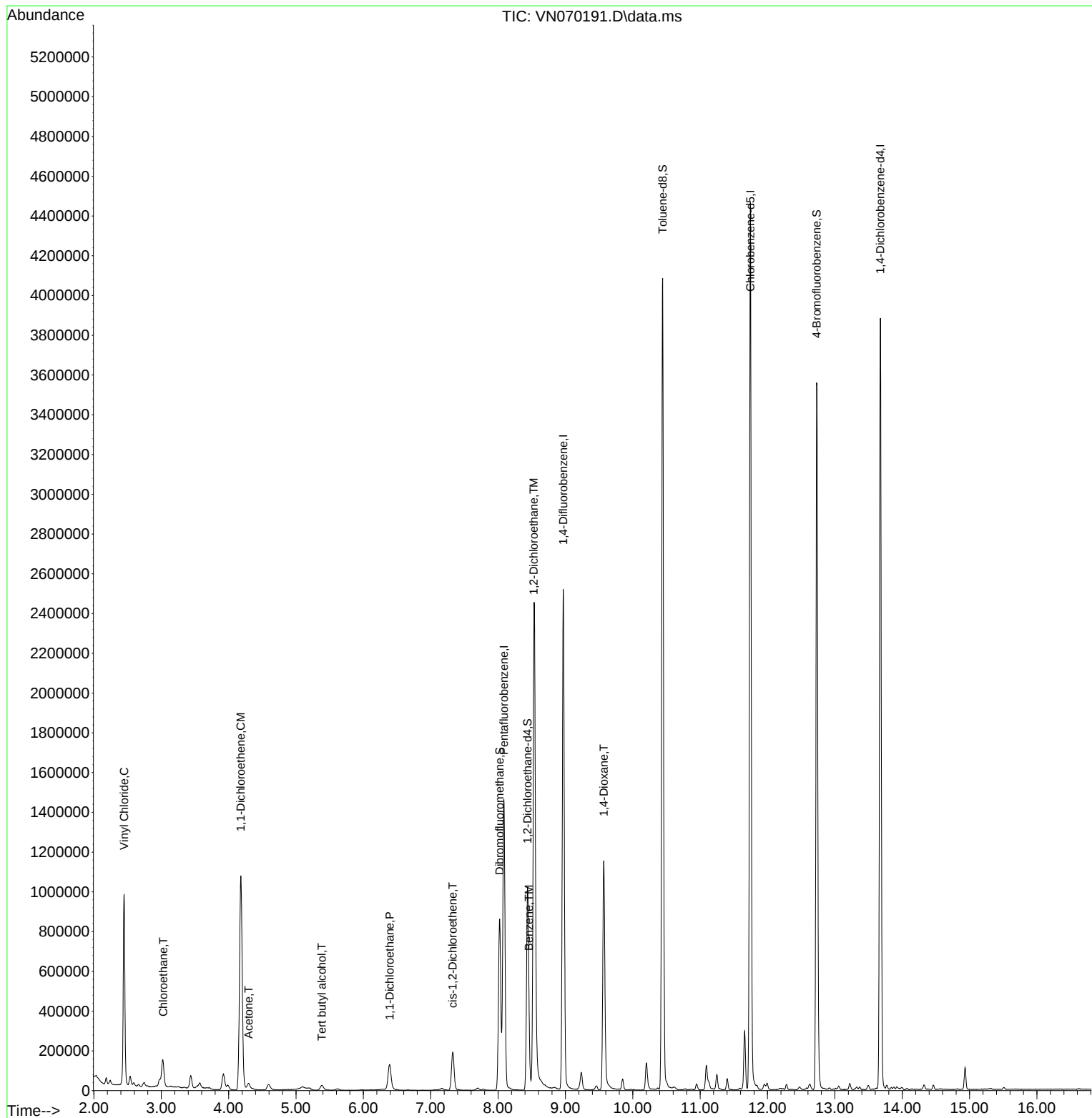
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070191.D
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ALS Vial : 41 Sample Multiplier: 1

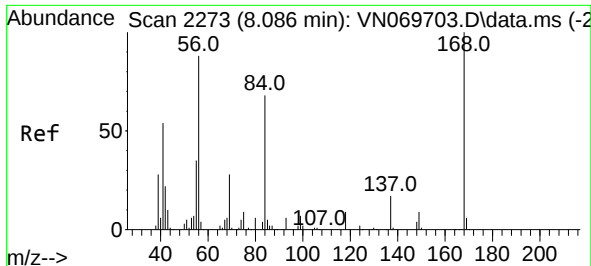
Instrument :
MSVOA_N
ClientSampleId :
MW-1

Quant Time: Dec 19 07:22:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

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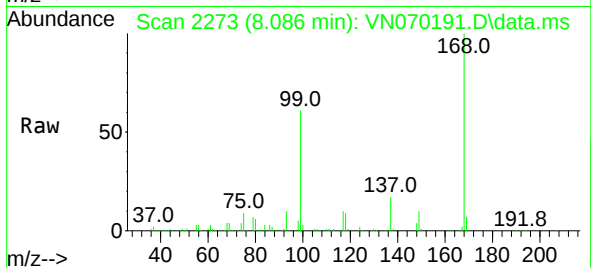
Reviewed By :Semsettin Yesilyurt 01/03/2022
Supervised By :Mahesh Dadoda 01/03/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41

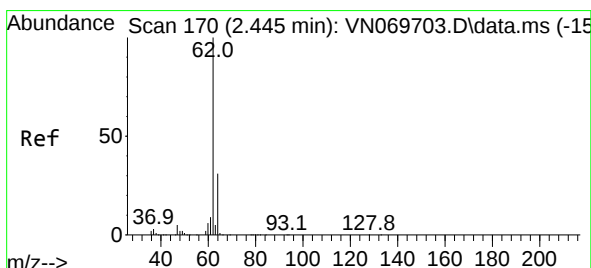
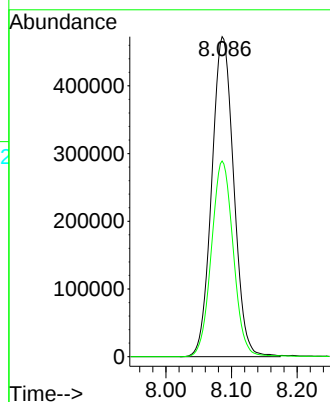
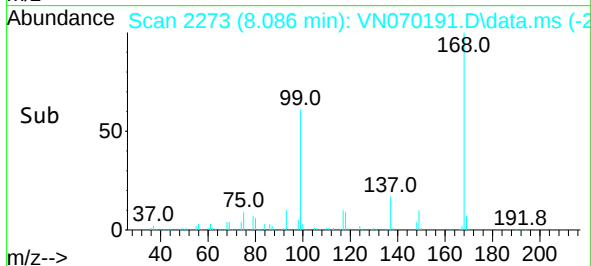
Instrument :
MSVOA_N
ClientSampleId :
MW-1



Tgt Ion:168 Resp: 1101238
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9

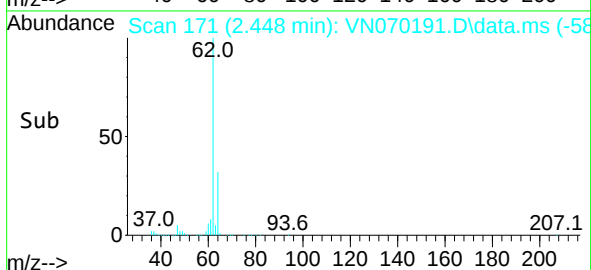
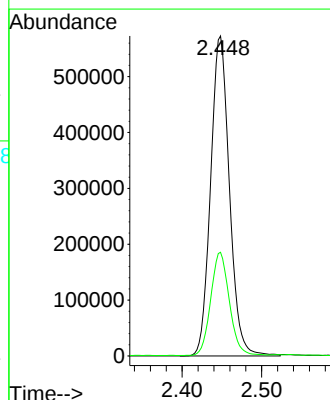
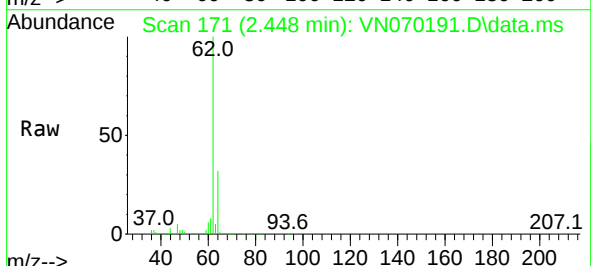
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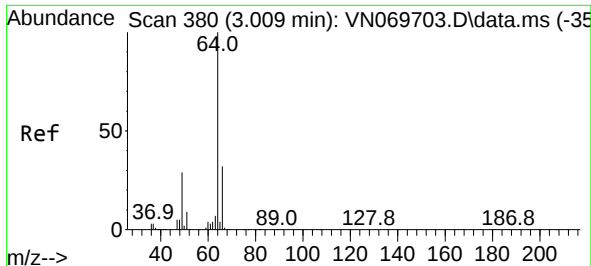
Reviewed By :Semsettin Yesilyurt 01/03/2022
Supervised By :Mahesh Dadoda 01/03/2022



#4
Vinyl Chloride
Concen: 63.652 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41

Tgt Ion: 62 Resp: 941805
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.6





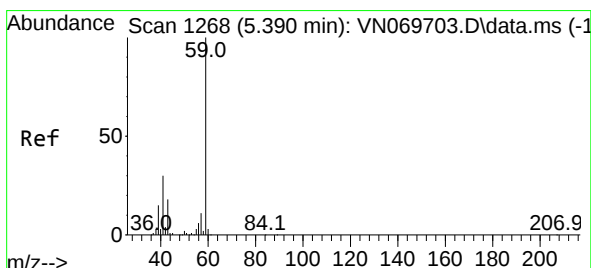
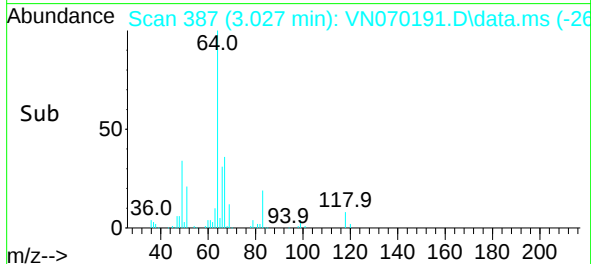
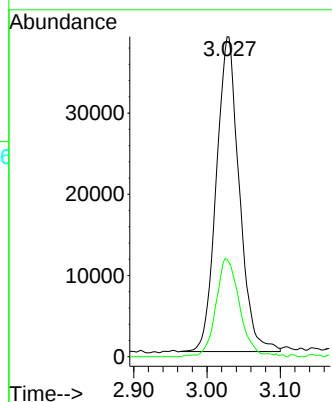
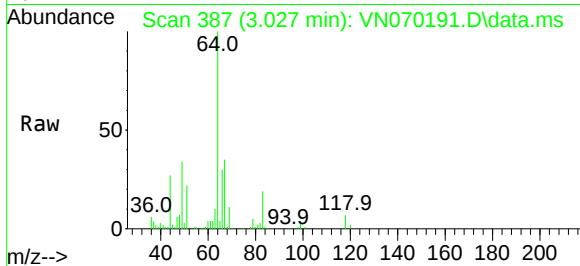
#6
Chloroethane
Concen: 9.317 ug/l
RT: 3.027 min Scan# 30
Delta R.T. 0.019 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion: 64 Resp: 84472
Ion Ratio Lower Upper
64 100
66 30.9 26.3 39.5

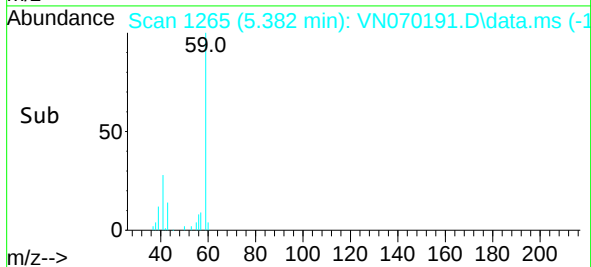
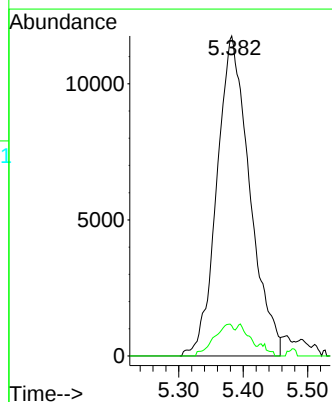
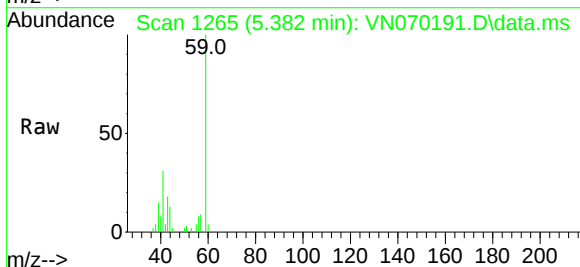
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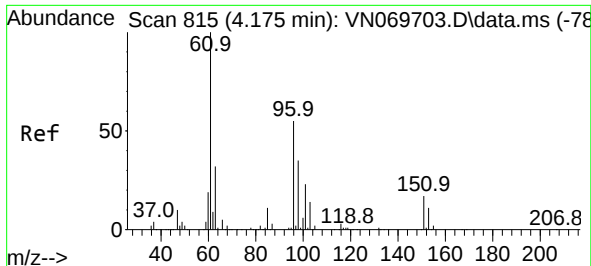
Reviewed By :Semsettin Yesilyurt 01/03/2022
Supervised By :Mahesh Dadoda 01/03/2022



#11
Tert butyl alcohol
Concen: 12.919 ug/l
RT: 5.382 min Scan# 1265
Delta R.T. -0.008 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41

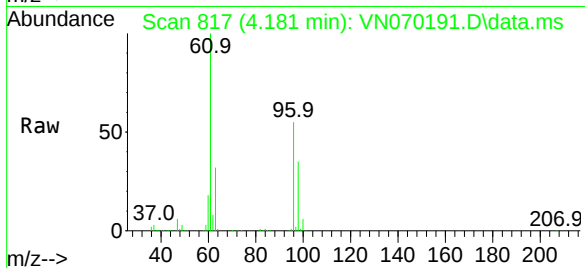
Tgt Ion: 59 Resp: 41521
Ion Ratio Lower Upper
59 100
57 6.2 8.7 13.1#





#12
1,1-Dichloroethene
Concen: 56.241 ug/l
RT: 4.181 min Scan# 815
Delta R.T. 0.005 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41

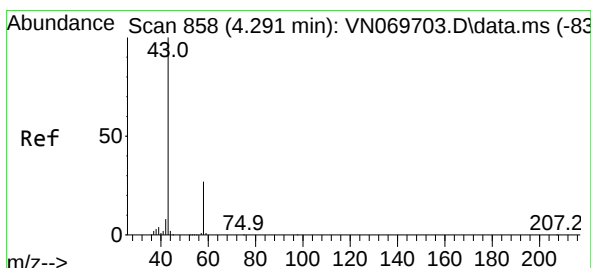
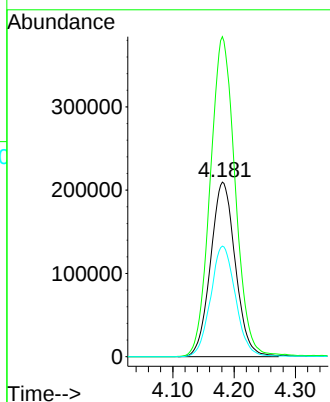
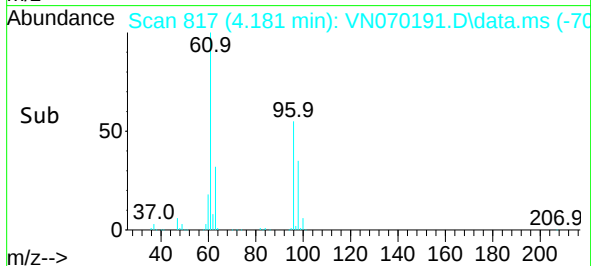
Instrument :
MSVOA_N
ClientSampleId :
MW-1



Tgt Ion: 96 Resp: 589950
Ion Ratio Lower Upper
96 100
61 183.2 131.0 196.6
98 63.3 52.4 78.6

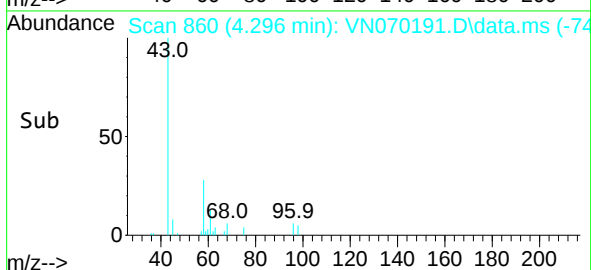
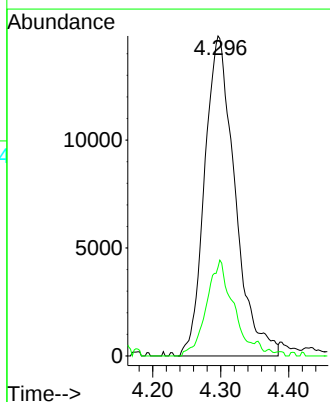
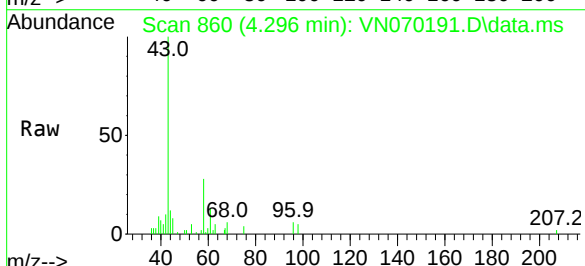
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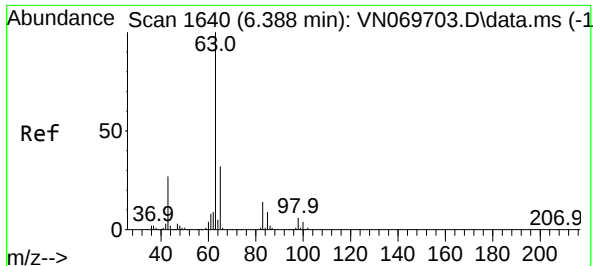
Reviewed By :Semsettin Yesilyurt 01/03/2022
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#16
Acetone
Concen: 4.484 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41

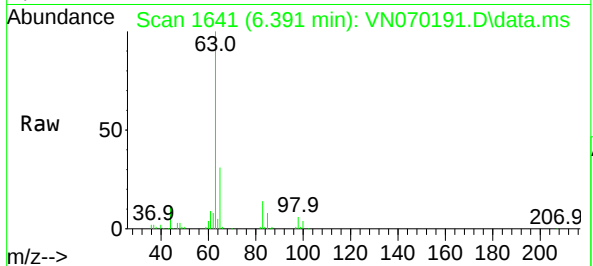
Tgt Ion: 43 Resp: 45864
Ion Ratio Lower Upper
43 100
58 27.7 23.1 34.7





#24
1,1-Dichloroethane
Concen: 7.979 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. 0.003 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41

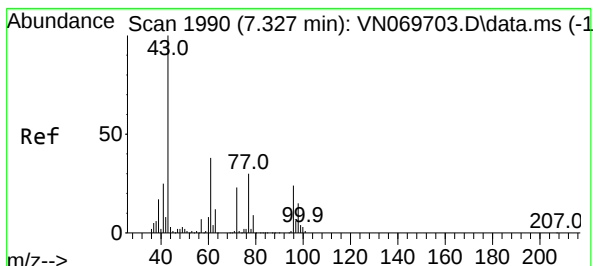
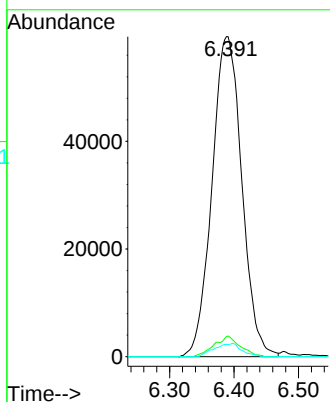
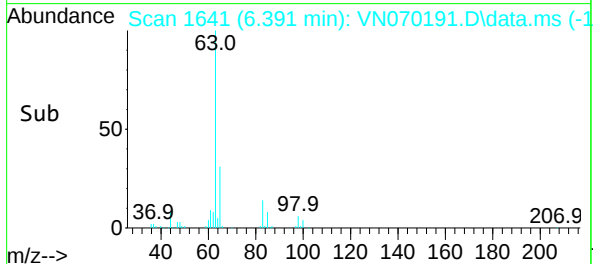
Instrument :
MSVOA_N
ClientSampleId :
MW-1



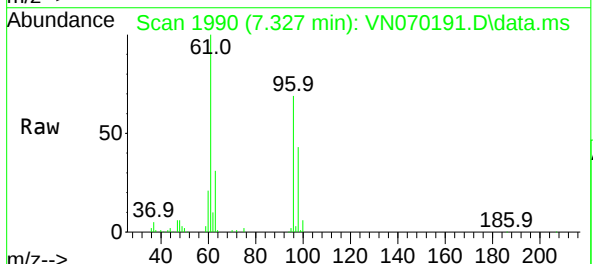
Tgt Ion: 63 Resp: 190954
Ion Ratio Lower Upper
63 100
98 6.5 3.3 9.9
100 3.8 2.1 6.5

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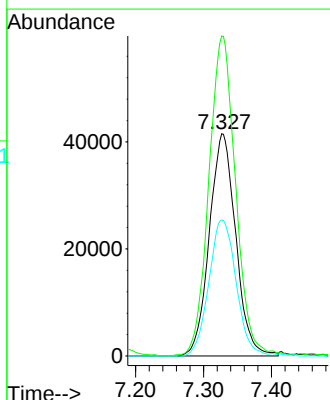
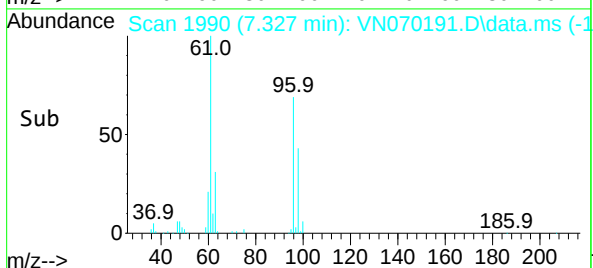
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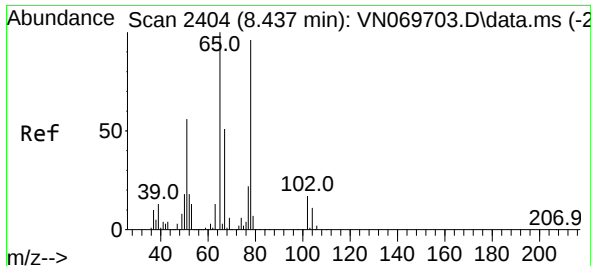


#27
cis-1,2-Dichloroethene
Concen: 8.150 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41



Tgt Ion: 96 Resp: 112188
Ion Ratio Lower Upper
96 100
61 144.9 0.0 275.0
98 63.0 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 51.451 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070191.D

Acq: 18 Dec 2021 3:41

Instrument :

MSVOA_N

ClientSampleId :

MW-1

Tgt Ion: 65 Resp: 874824

Ion Ratio Lower Upper

65 100

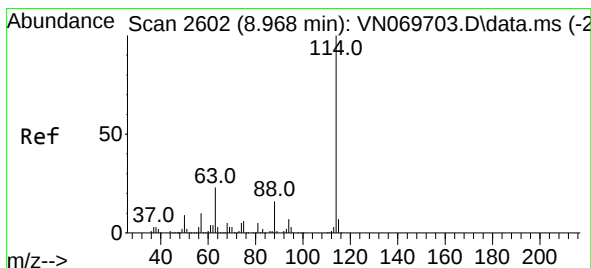
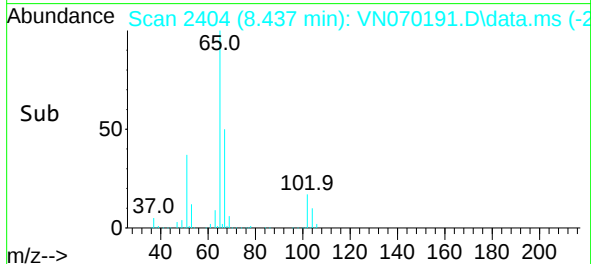
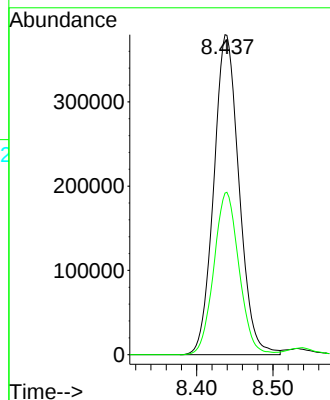
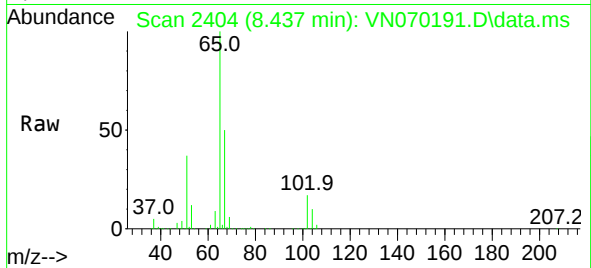
67 50.5 0.0 103.0

Manual Integrations

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Supervised By :Mahesh Dadoda 01/03/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070191.D

Acq: 18 Dec 2021 3:41

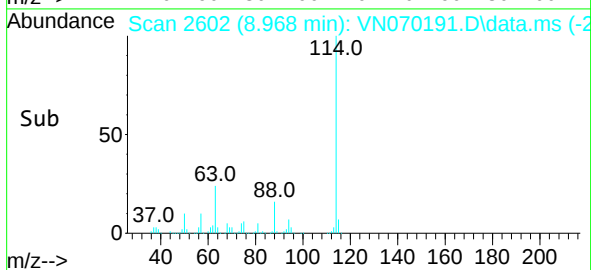
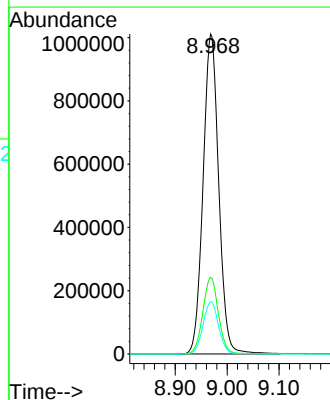
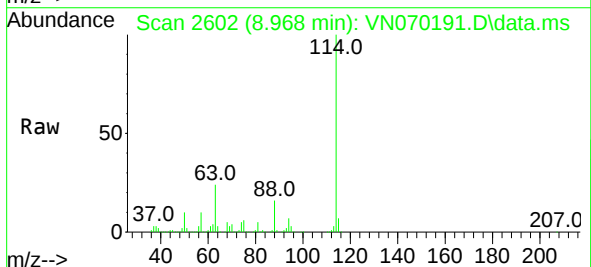
Tgt Ion:114 Resp: 2116001

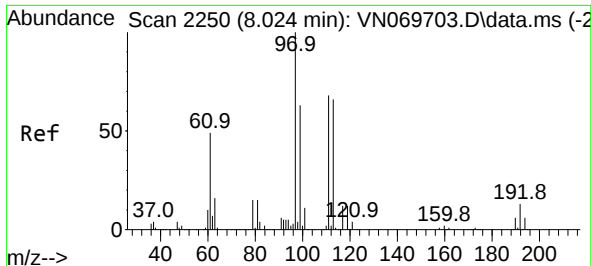
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

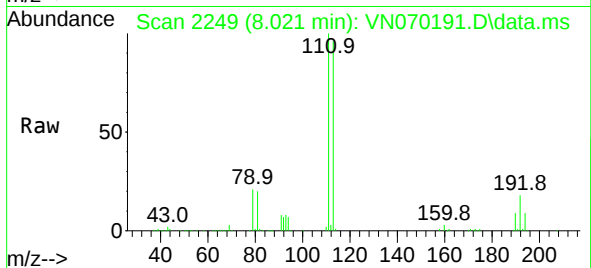
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 46.387 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41

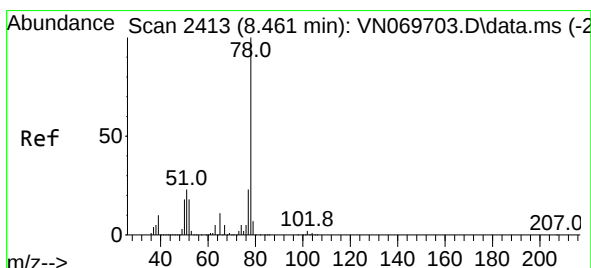
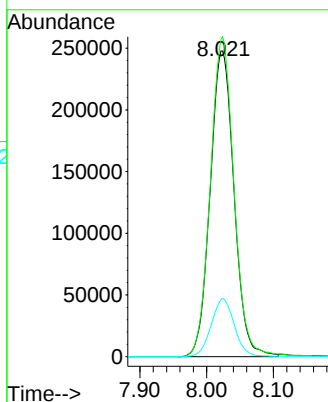
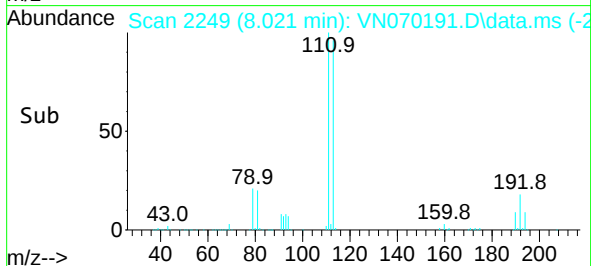
Instrument :
MSVOA_N
Client Sample Id :
MW-1



Tgt Ion: 113 Resp: 61482
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 18.5 16.9 25.3

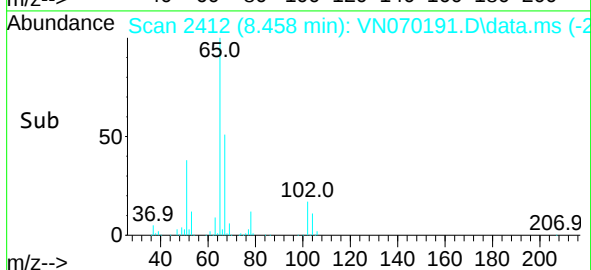
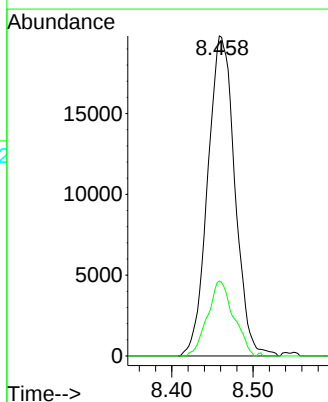
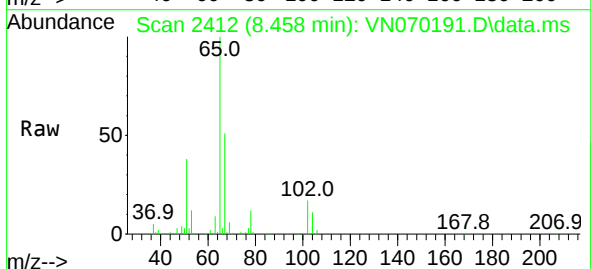
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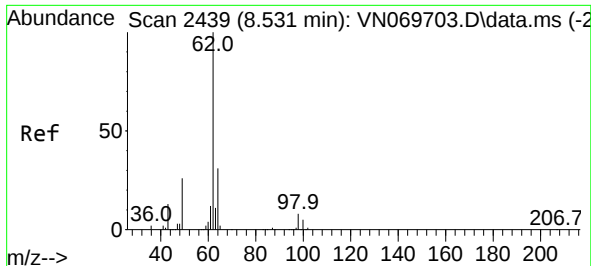
Reviewed By : Semsettin Yesilyurt 01/03/2022
Supervised By : Mahesh Dadoda 01/03/2022



#40
Benzene
Concen: 0.746 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41

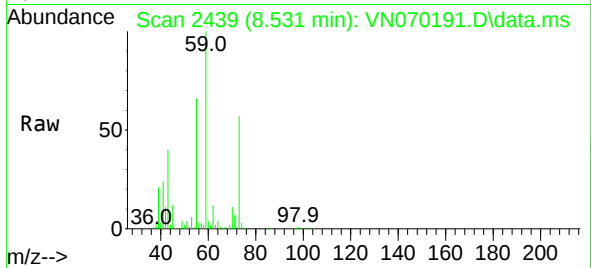
Tgt Ion: 78 Resp: 45903
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#42
1,2-Dichloroethane
Concen: 5.701 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41

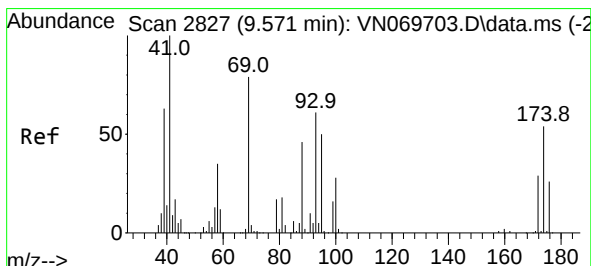
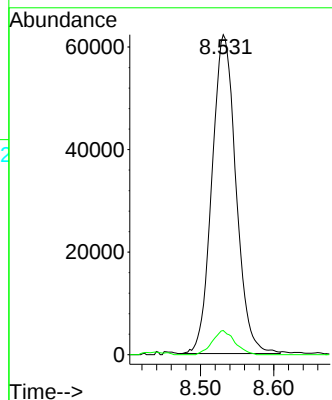
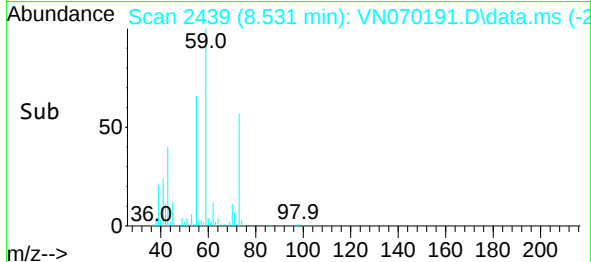
Instrument :
MSVOA_N
ClientSampleId :
MW-1



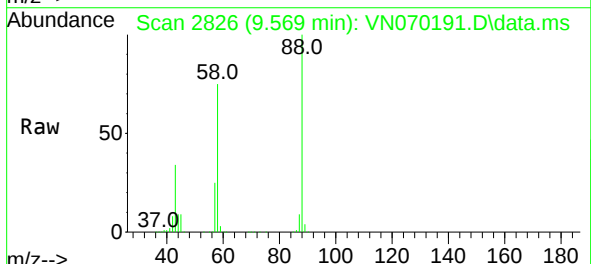
Tgt Ion: 62 Resp: 141700
Ion Ratio Lower Upper
62 100
98 7.1 0.0 17.6

Manual Integrations
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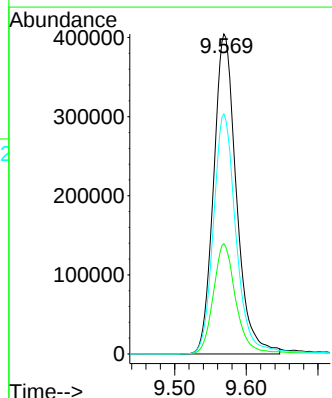
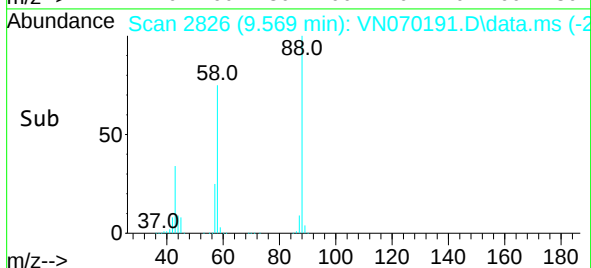
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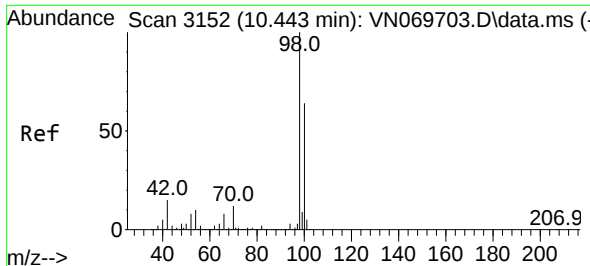


#49
1,4-Dioxane
Concen: 2390.105 ug/l m
RT: 9.569 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41



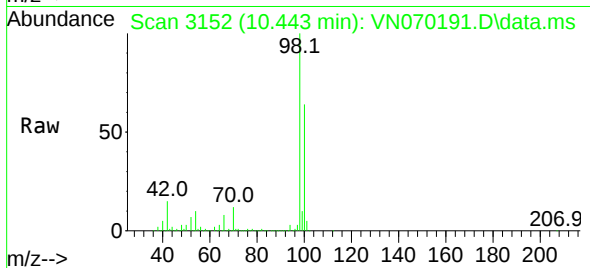
Tgt Ion: 88 Resp: 887960
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#





#50
Toluene-d8
Concen: 52.428 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41

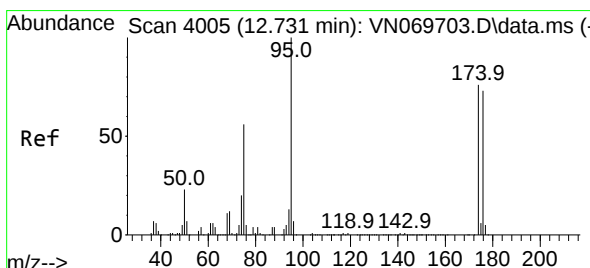
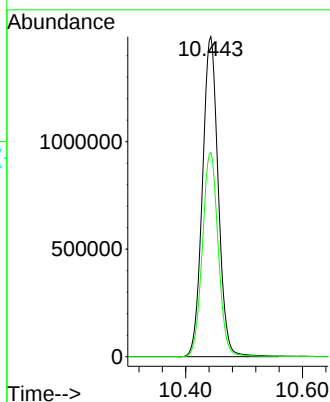
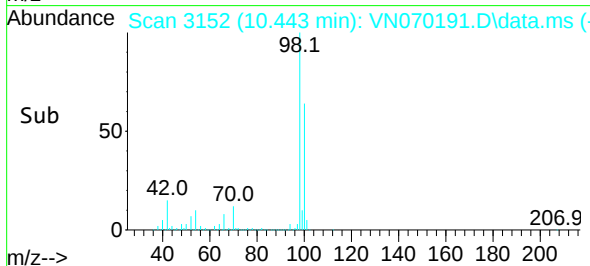
Instrument :
MSVOA_N
ClientSampleId :
MW-1



Tgt Ion: 98 Resp: 2790217
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

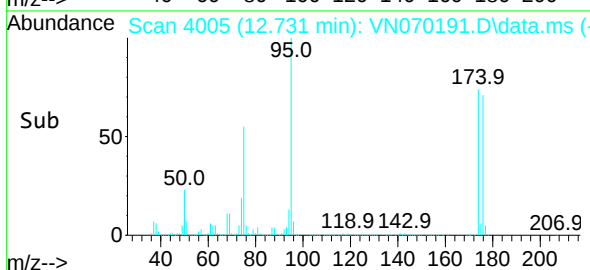
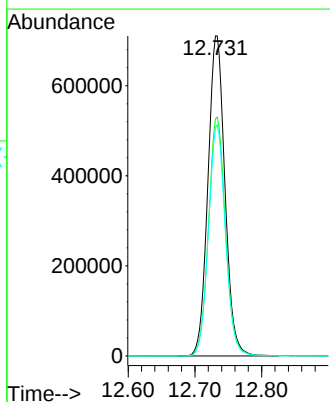
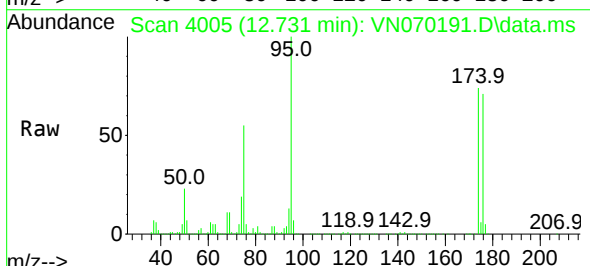
Manual Integrations
APPROVED

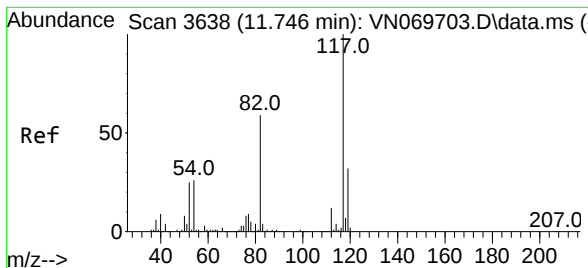
Reviewed By :Semsettin Yesilyurt 01/03/2022
Supervised By :Mahesh Dadoda 01/03/2022



#62
4-Bromofluorobenzene
Concen: 65.102 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41

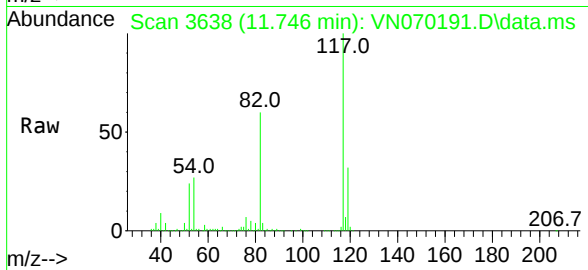
Tgt Ion: 95 Resp: 1255188
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41

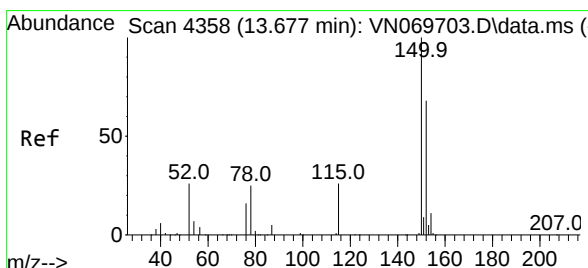
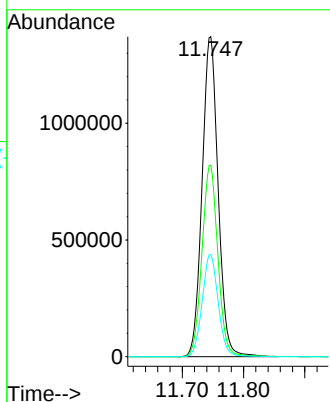
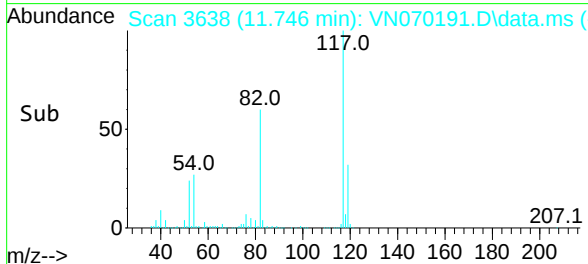
Instrument :
MSVOA_N
ClientSampleId :
MW-1



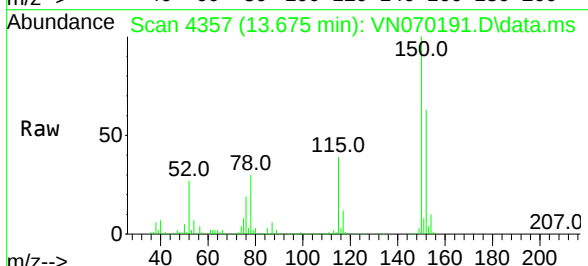
Tgt Ion:117 Resp: 249118
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.9 25.4 38.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/03/2022
Supervised By :Mahesh Dadoda 01/03/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070191.D
Acq: 18 Dec 2021 3:41



Tgt Ion:152 Resp: 1034081
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 157.4 0.0 344.4

