

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070407.D
 Acq On : 30 Dec 2021 18:32
 Operator : JC/MD
 Sample : M5212-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP122121

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/08/2022
 Supervised By :Semsettin Yesilyurt 01/08/2022

Quant Time: Dec 31 05:21:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

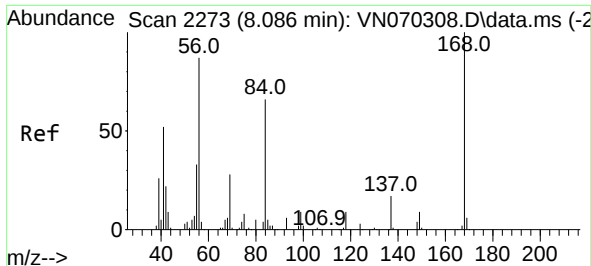
Internal Standards						
1) Pentafluorobenzene	8.088	168	893578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1543846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1397693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	509967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	654007	50.904	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.800%			
35) Dibromofluoromethane	8.024	113	466176	49.906	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.820%			
50) Toluene-d8	10.443	98	1859380	48.727	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.460%			
62) 4-Bromofluorobenzene	12.731	95	703690	51.058	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.120%			
Target Compounds						
					Qvalue	
31) Cyclohexane	8.094	56	170622m	8.416	ug/l	
40) Benzene	8.461	78	2287642	48.289	ug/l	99
52) Toluene	10.507	92	29481	1.028	ug/l	98
67) Ethyl Benzene	11.846	91	2324592	42.781	ug/l	96
73) Isopropylbenzene	12.581	105	1097280	23.170	ug/l	98
78) n-propylbenzene	12.921	91	876997	16.714	ug/l	95
83) tert-Butylbenzene	13.324	119	26985	0.808	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	51523	1.410	ug/l	99
85) sec-Butylbenzene	13.501	105	114621	2.526	ug/l #	36

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

Manual Integrations

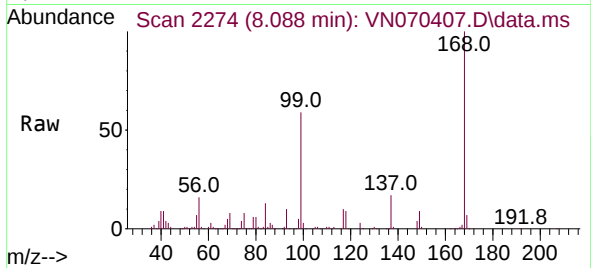
Quant Time: Dec 31 05:21:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2273
Delta R.T. 0.002 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

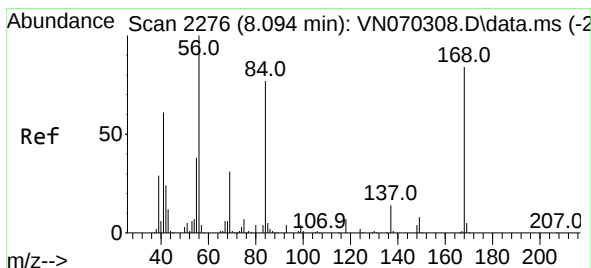
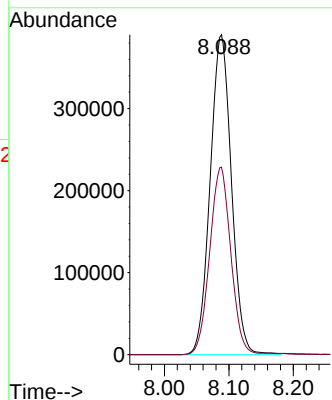
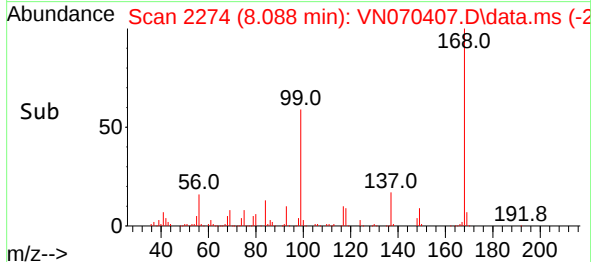
Instrument :
MSVOA_N
ClientSampleId :
DUP122121



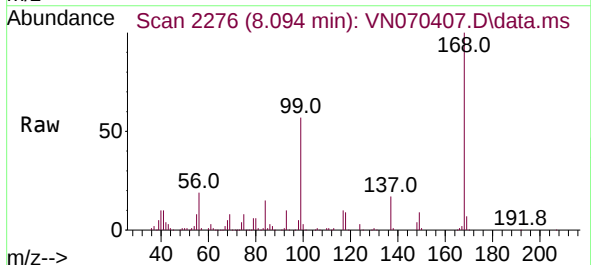
Tgt Ion:168 Resp: 893578
Ion Ratio Lower Upper
168 100
99 58.6 41.3 61.9

Manual Integrations
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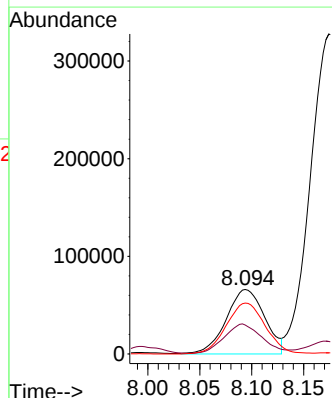
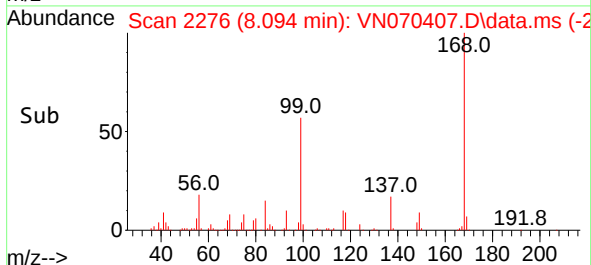
Reviewed By :Mahesh Dadoda 01/08/2022
Supervised By :Semsettin Yesilyurt 01/08/2022

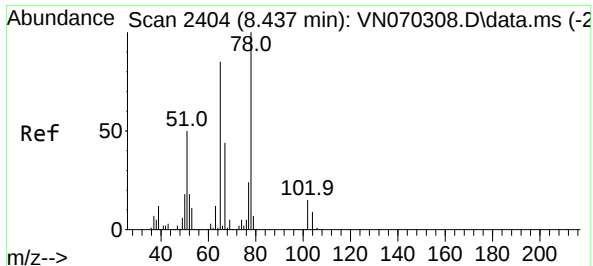


#31
Cyclohexane
Concen: 8.416 ug/l m
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32



Tgt Ion: 56 Resp: 170622
Ion Ratio Lower Upper
56 100
69 44.9 27.1 40.7#
84 78.9 73.4 110.0





#33

1,2-Dichloroethane-d4

Concen: 50.904 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070407.D

Acq: 30 Dec 2021 18:32

Instrument :

MSVOA_N

ClientSampleId :

DUP122121

Tgt Ion: 65 Resp: 65400

Ion Ratio Lower Upper

65 100

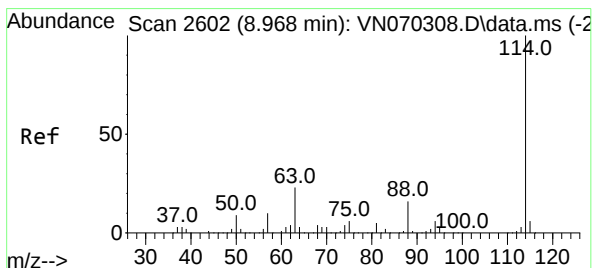
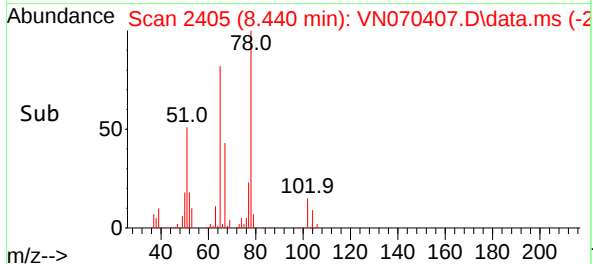
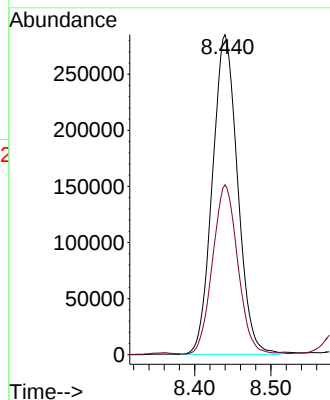
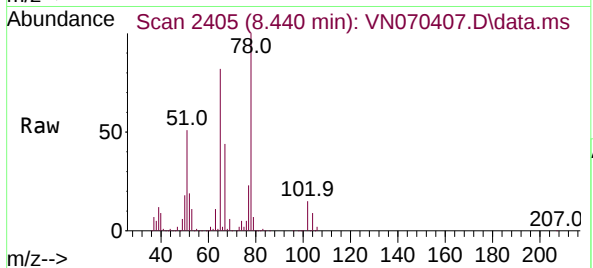
67 52.9 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN070407.D

Acq: 30 Dec 2021 18:32

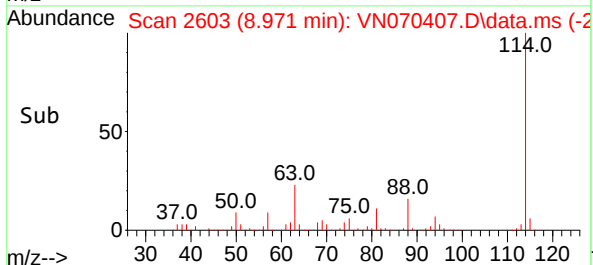
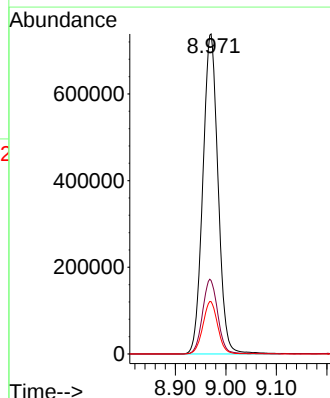
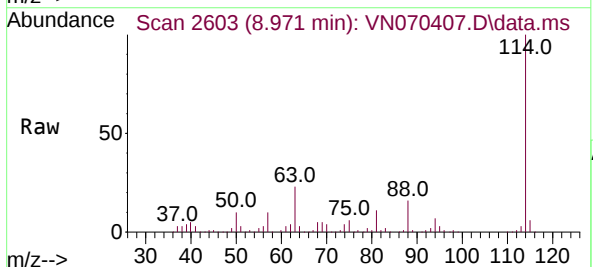
Tgt Ion:114 Resp: 1543846

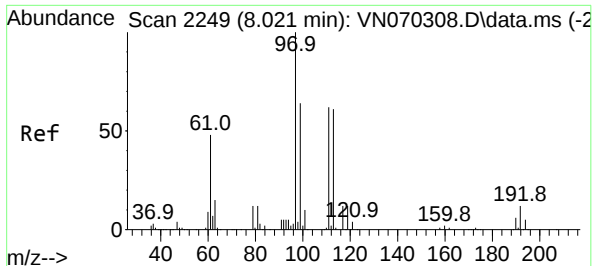
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

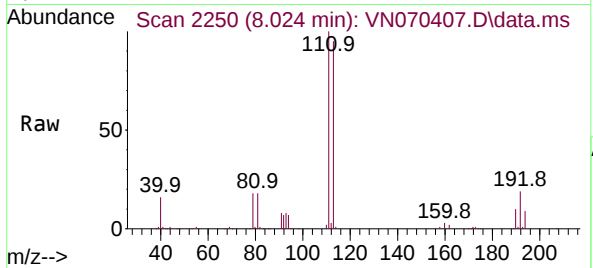
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.906 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

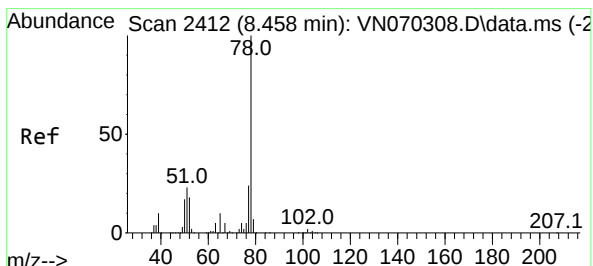
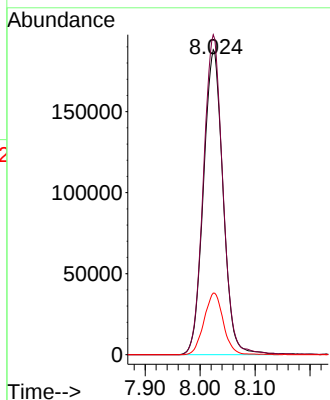
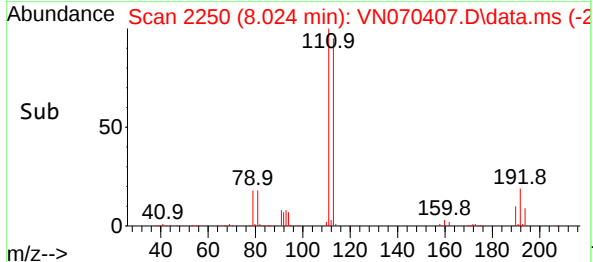
Instrument :
MSVOA_N
ClientSampleId :
DUP122121



Tgt Ion: 113 Resp: 466170
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 19.9 16.9 25.3

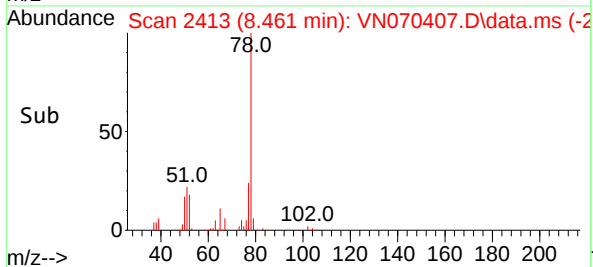
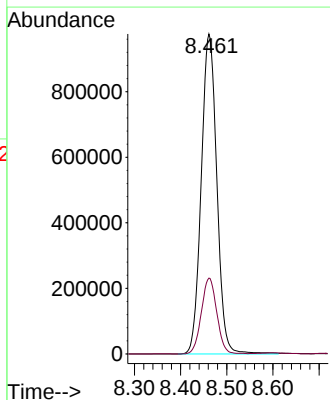
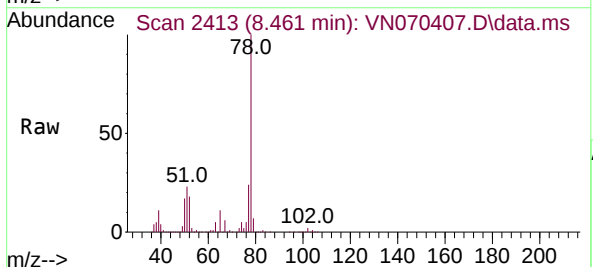
Manual Integrations
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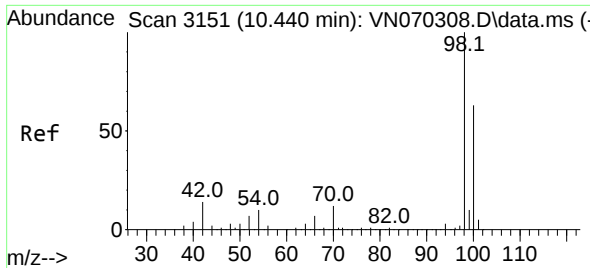
Reviewed By :Mahesh Dadoda 01/08/2022
Supervised By :Semsettin Yesilyurt 01/08/2022



#40
Benzene
Concen: 48.289 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Tgt Ion: 78 Resp: 2287642
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





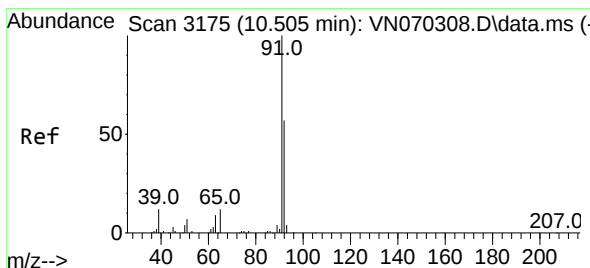
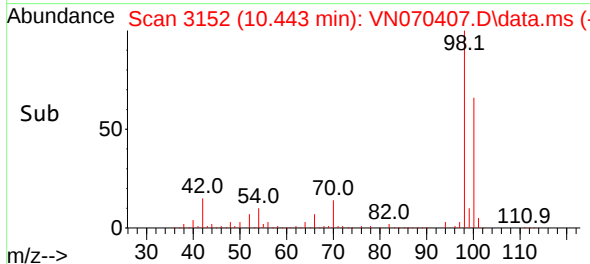
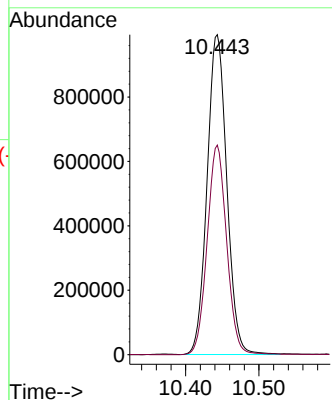
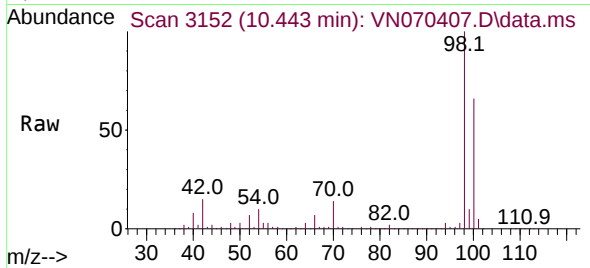
#50
Toluene-d8
Concen: 48.727 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 98 Resp: 1859380
Ion Ratio Lower Upper
98 100
100 64.8 50.4 75.6

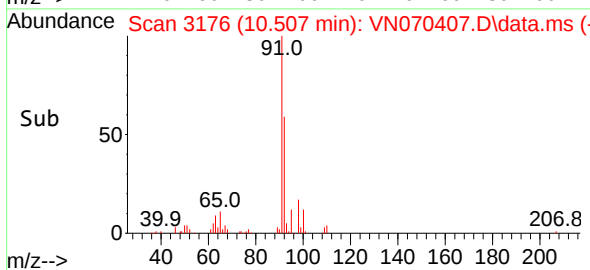
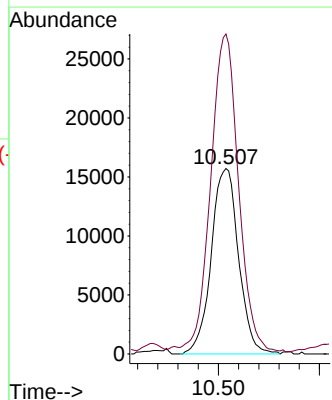
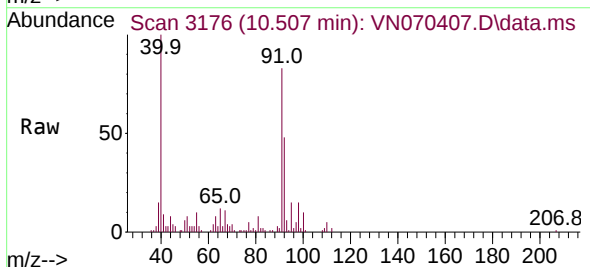
Manual Integrations
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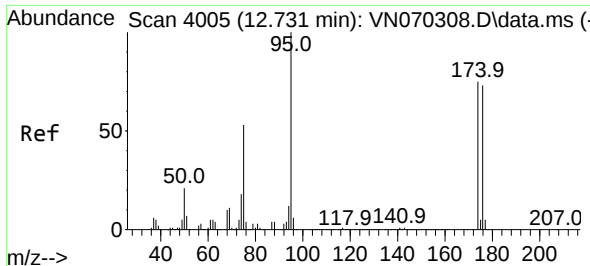
Reviewed By :Mahesh Dadoda 01/08/2022
Supervised By :Semsettin Yesilyurt 01/08/2022



#52
Toluene
Concen: 1.028 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.002 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

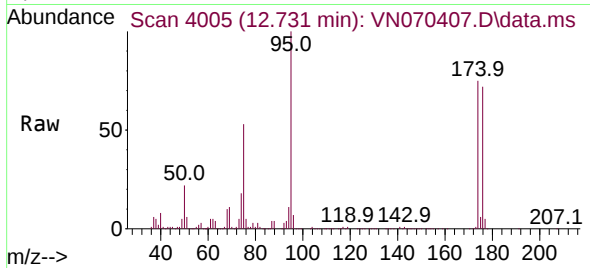
Tgt Ion: 92 Resp: 29481
Ion Ratio Lower Upper
92 100
91 174.4 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 51.058 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

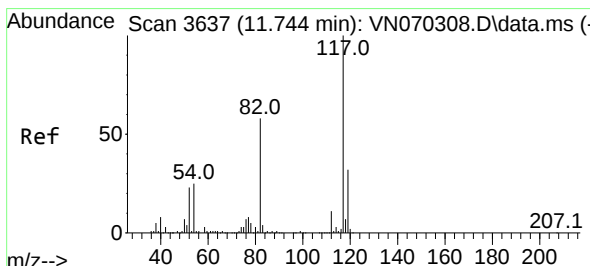
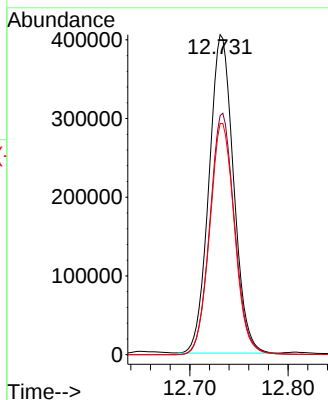
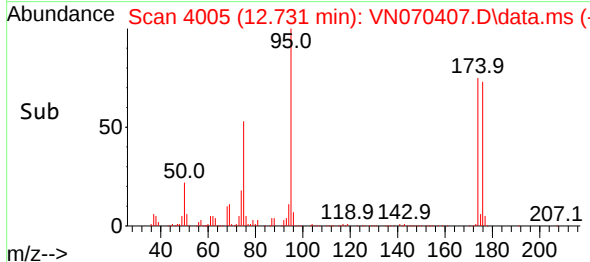
Instrument :
MSVOA_N
ClientSampleId :
DUP122121



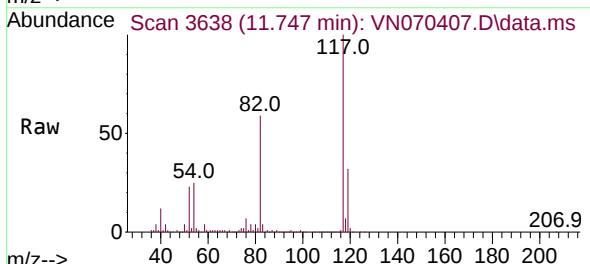
Tgt Ion: 95 Resp: 703690
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 73.5 0.0 181.4

Manual Integrations
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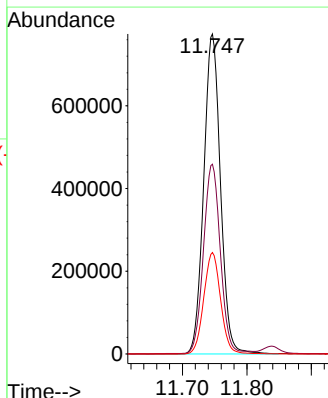
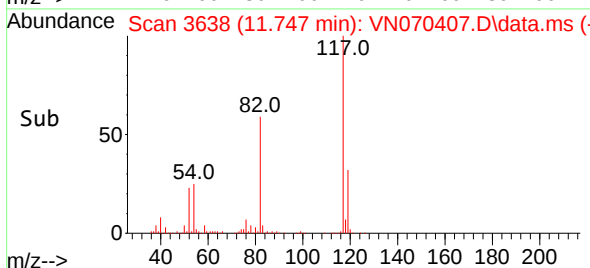
Reviewed By :Mahesh Dadoda 01/08/2022
Supervised By :Semsettin Yesilyurt 01/08/2022

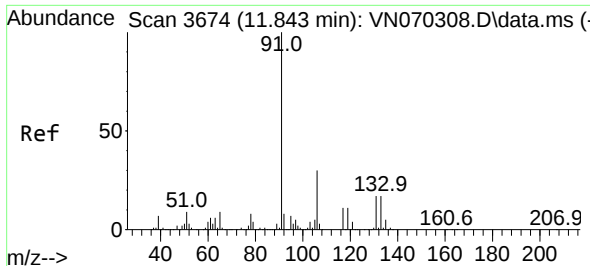


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32



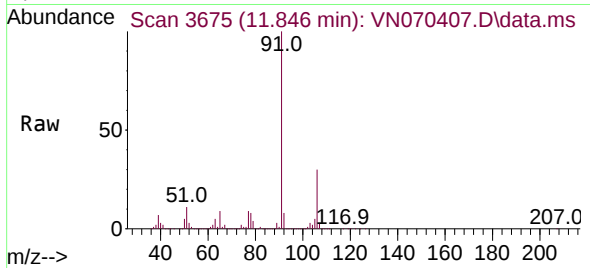
Tgt Ion:117 Resp: 1397693
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 31.7 25.4 38.2





#67
Ethyl Benzene
Concen: 42.781 ug/l
RT: 11.846 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

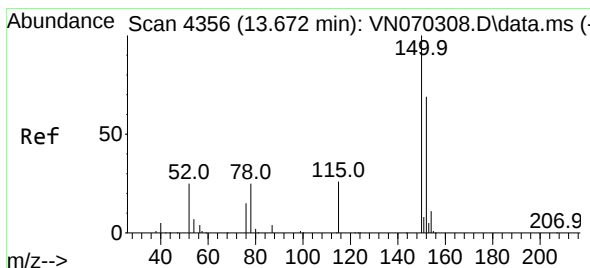
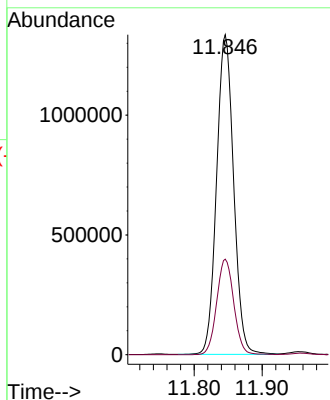
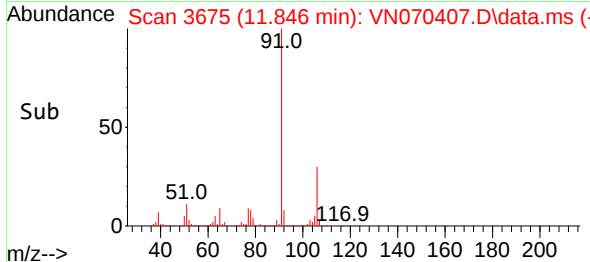
Instrument :
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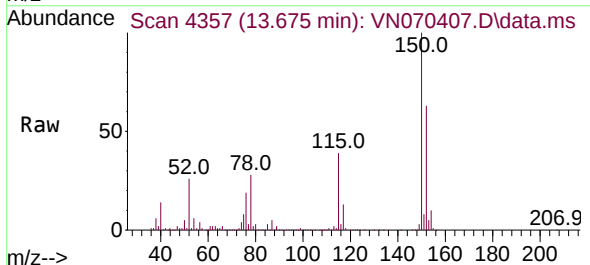
Tgt Ion: 91 Resp: 2324592
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

Manual Integrations
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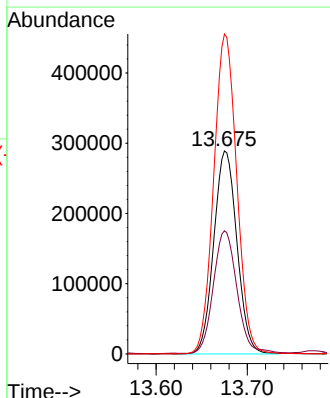
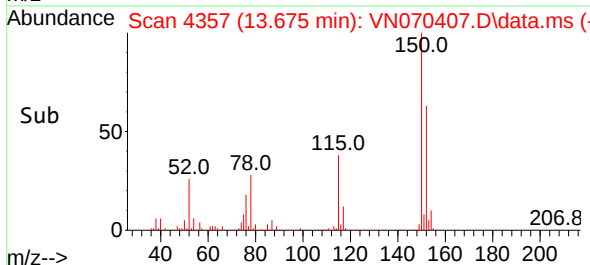
Reviewed By :Mahesh Dadoda 01/08/2022
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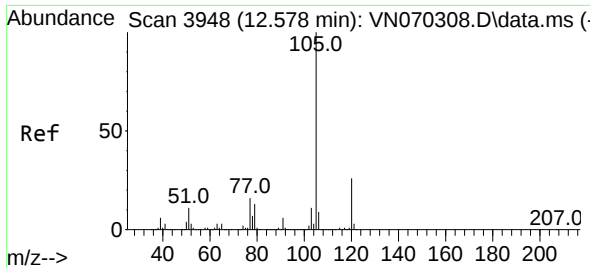


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32



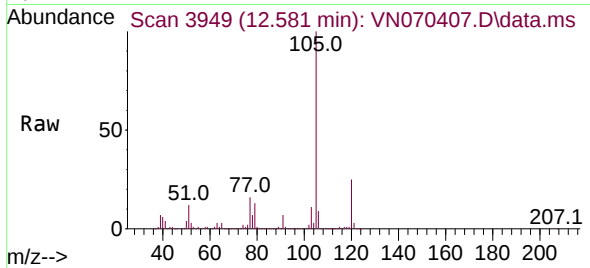
Tgt Ion:152 Resp: 509967
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 156.7 0.0 344.4





#73
Isopropylbenzene
Concen: 23.170 ug/l
RT: 12.581 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

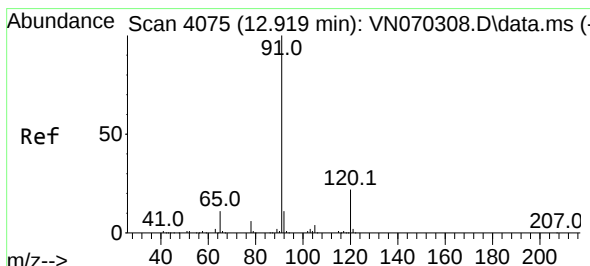
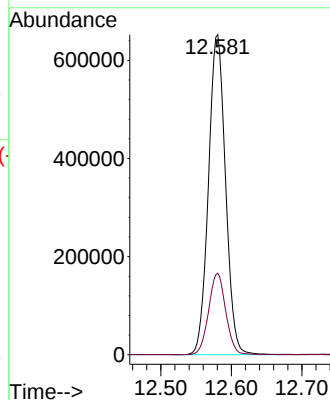
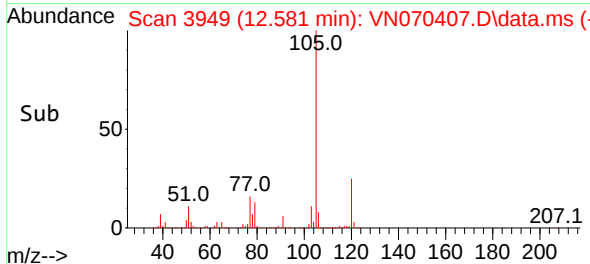
Instrument :
MSVOA_N
ClientSampleId :
DUP122121



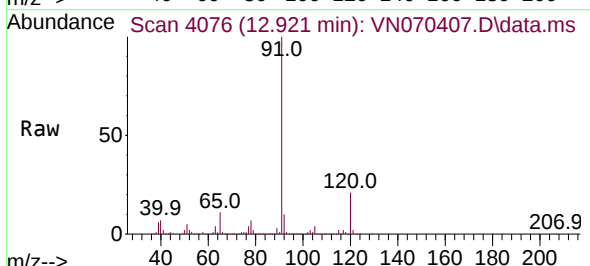
Tgt Ion:105 Resp: 1097280
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
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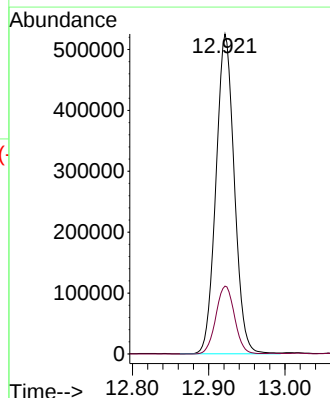
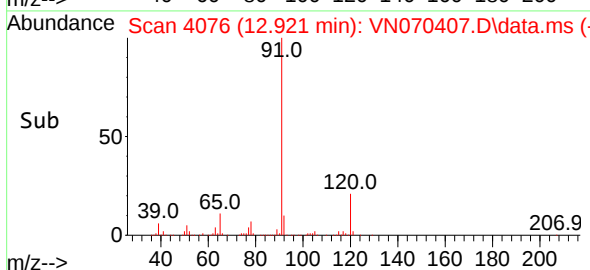
Reviewed By :Mahesh Dadoda 01/08/2022
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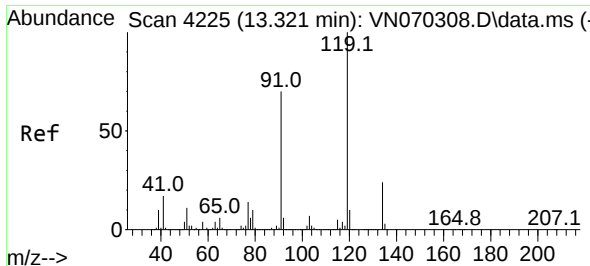


#78
n-propylbenzene
Concen: 16.714 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32



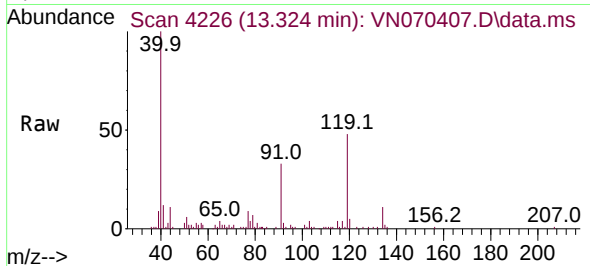
Tgt Ion: 91 Resp: 876997
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





#83
tert-Butylbenzene
Concen: 0.808 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

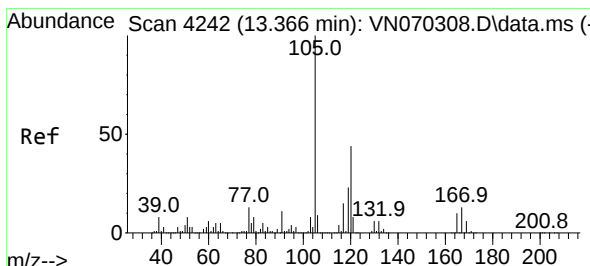
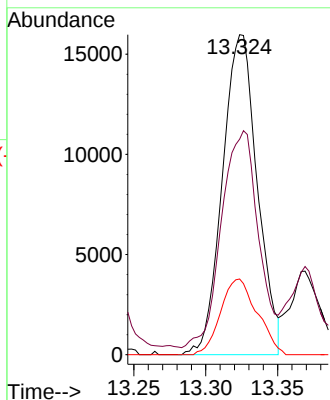
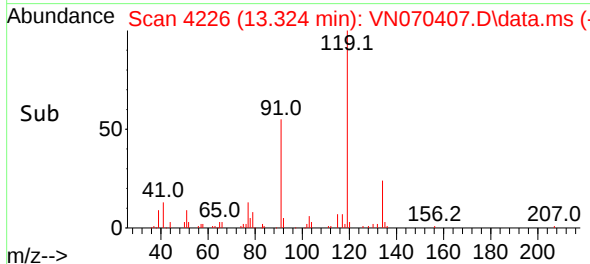
Instrument :
MSVOA_N
ClientSampleId :
DUP122121



Tgt Ion:119 Resp: 2698
Ion Ratio Lower Upper
119 100
91 71.3 31.5 94.5
134 24.7 12.4 37.4

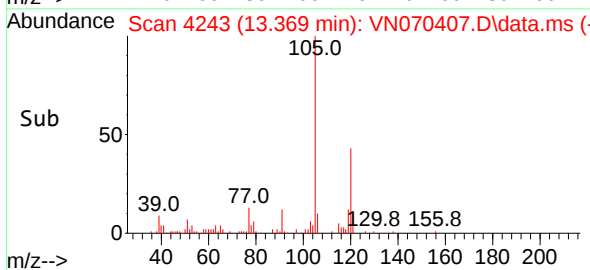
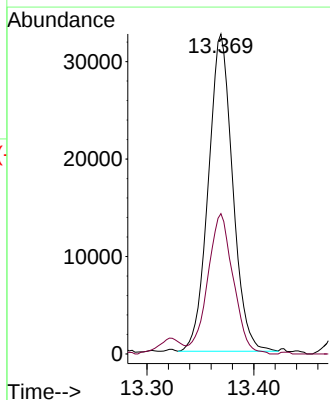
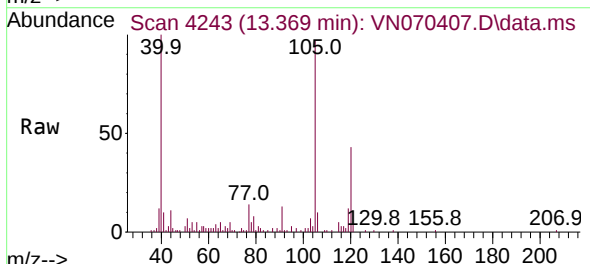
Manual Integrations
APPROVED

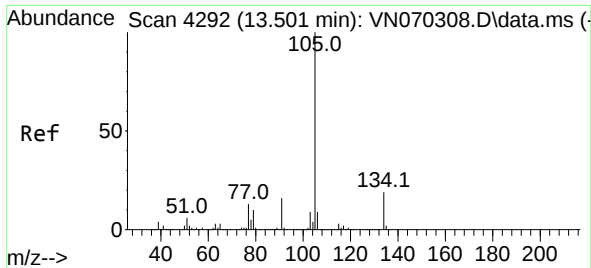
Reviewed By :Mahesh Dadoda 01/08/2022
Supervised By :Semsettin Yesilyurt 01/08/2022



#84
1,2,4-Trimethylbenzene
Concen: 1.410 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.003 min
Lab File: VN070407.D
Acq: 30 Dec 2021 18:32

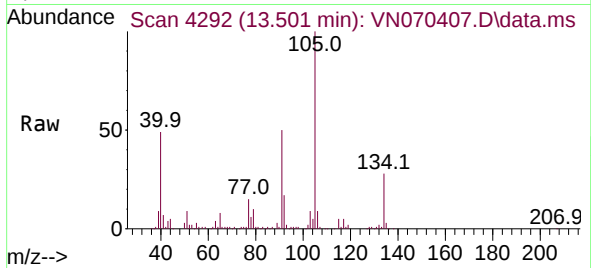
Tgt Ion:105 Resp: 51523
Ion Ratio Lower Upper
105 100
120 46.4 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 2.526 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN070407.D
 Acq: 30 Dec 2021 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP122121



Tgt Ion:105 Resp: 11462
 Ion Ratio Lower Upper
 105 100
 134 50.4 10.4 31.1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/08/2022
 Supervised By :Semsettin Yesilyurt 01/08/2022

