

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080420.D
 Acq On : 08 Dec 2023 20:44
 Operator : JC\MD
 Sample : 05671-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-34

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
 Supervised By :Semsettin Yesilyurt 12/12/2023

Quant Time: Dec 08 22:47:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	260618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	476282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	517110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	256674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	199184	46.287	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.580%		
35) Dibromofluoromethane	8.171	113	167872	47.768	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.540%		
50) Toluene-d8	10.571	98	648100	51.159	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.320%		
62) 4-Bromofluorobenzene	12.847	95	280922	58.708	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	117.420%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.506	59	8090m	17.096	ug/l	
16) Acetone	4.430	43	32563	22.530	ug/l	98
20) Methylene Chloride	5.277	84	27959	9.237	ug/l #	88
25) 2-Butanone	7.483	43	35177	20.485	ug/l #	85
43) Isopropyl Acetate	8.688	43	147354	21.456	ug/l #	88

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

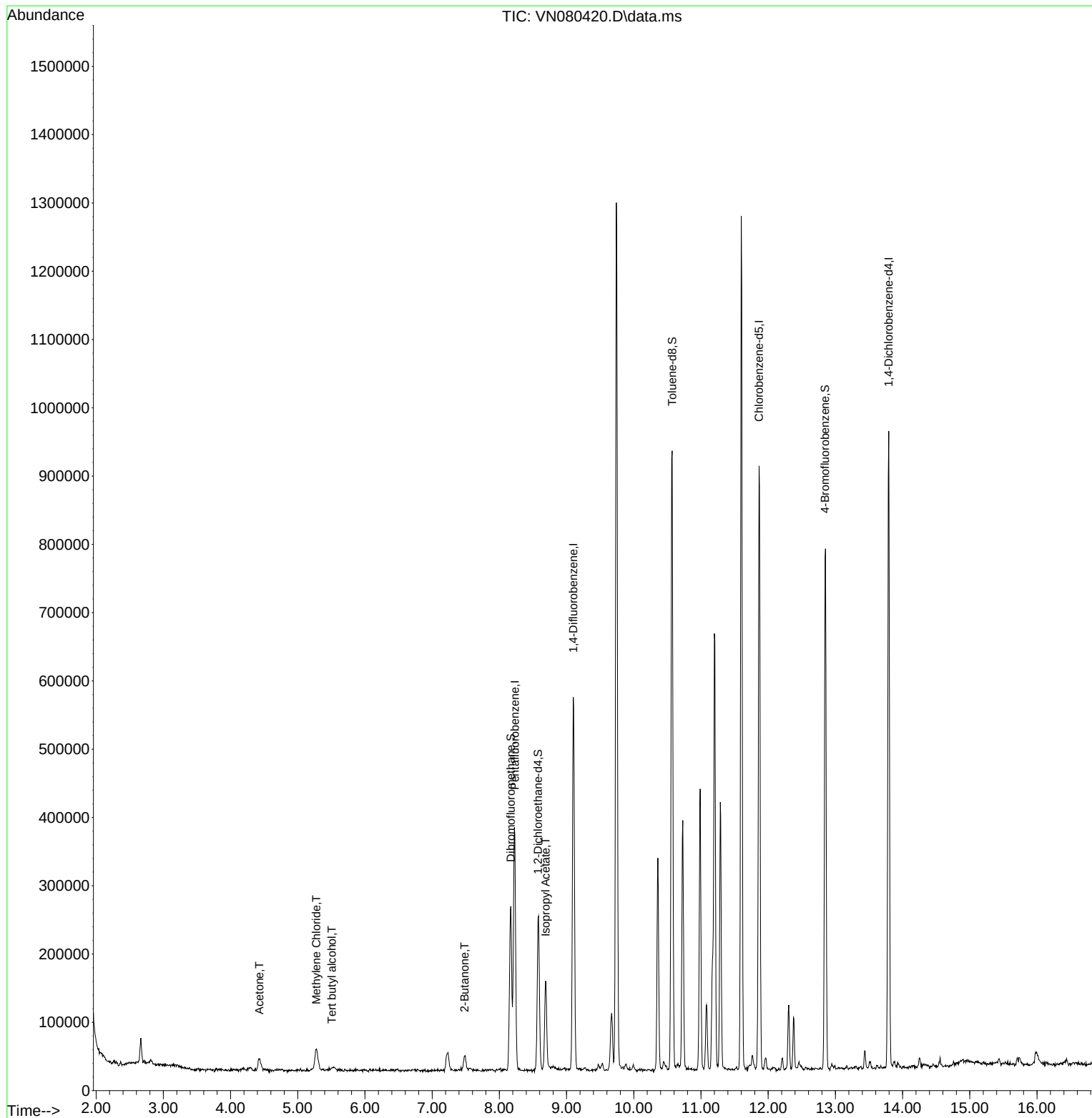
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
Data File : VN080420.D
Acq On : 08 Dec 2023 20:44
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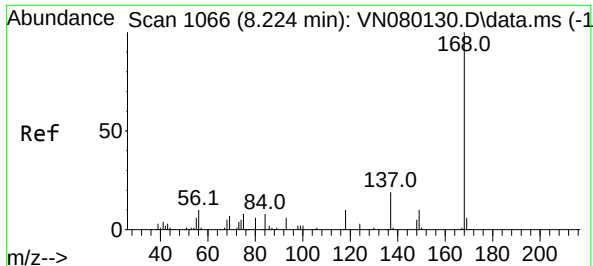
Instrument :
MSVOA_N
ClientSampleId :
TP-34

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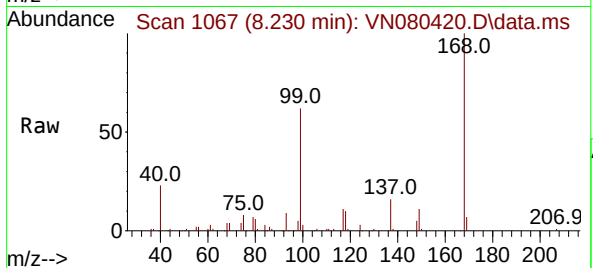
Quant Time: Dec 08 22:47:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080420.D
Acq: 08 Dec 2023 20:44

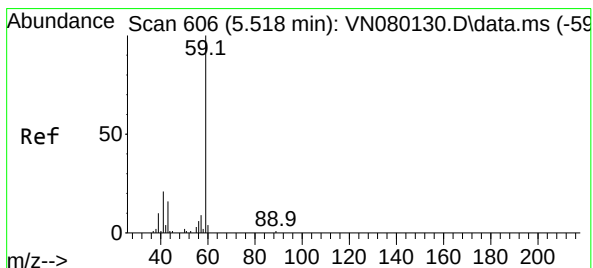
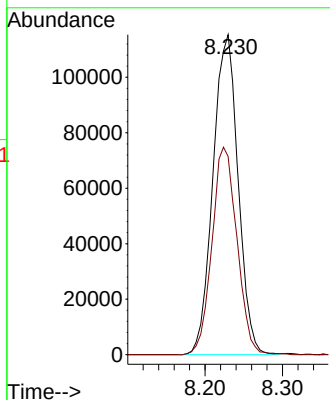
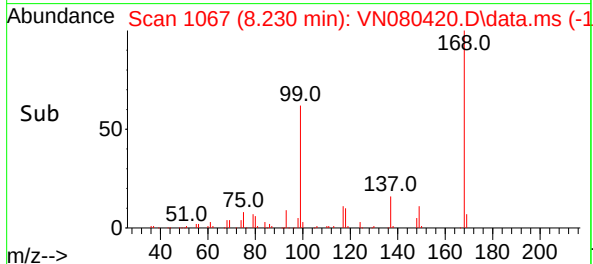
Instrument :
MSVOA_N
ClientSampleId :
TP-34



Tgt Ion:168 Resp: 260618
Ion Ratio Lower Upper
168 100
99 62.0 53.0 79.6

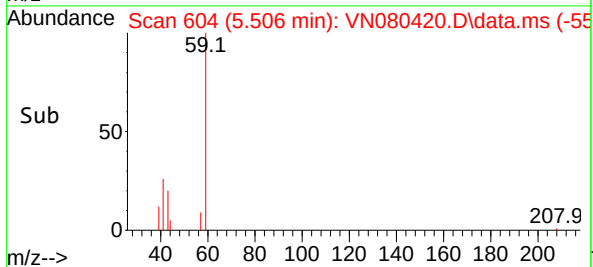
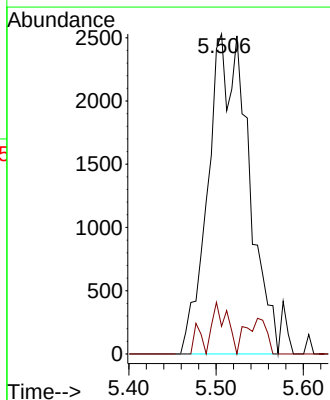
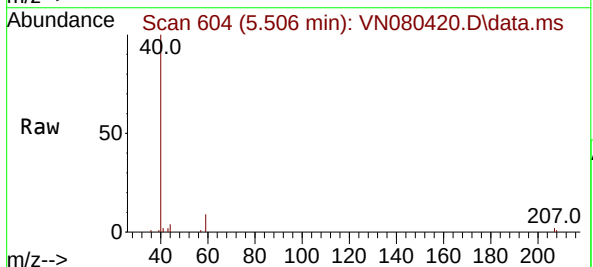
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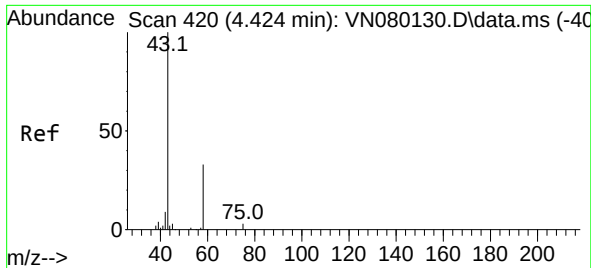
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#11
Tert butyl alcohol
Concen: 17.096 ug/l m
RT: 5.506 min Scan# 604
Delta R.T. -0.012 min
Lab File: VN080420.D
Acq: 08 Dec 2023 20:44

Tgt Ion: 59 Resp: 8090
Ion Ratio Lower Upper
59 100
57 6.0 8.2 12.4#





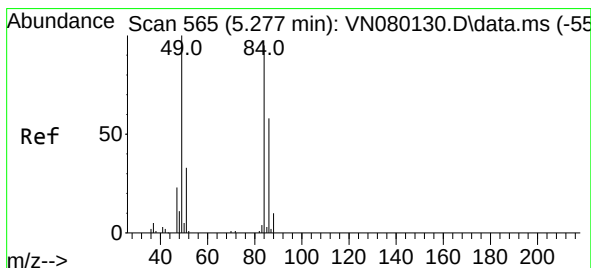
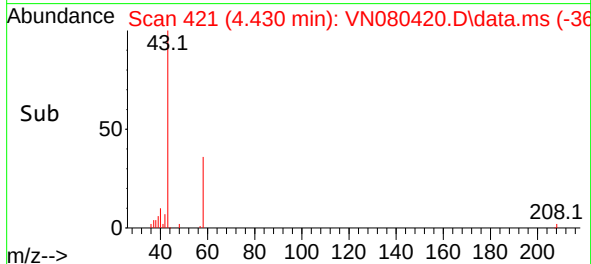
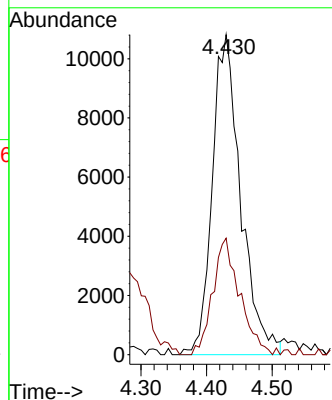
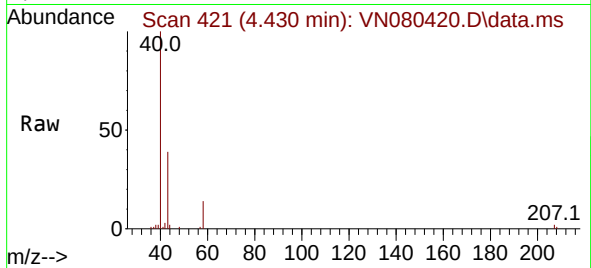
#16
Acetone
Concen: 22.530 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN080420.D
Acq: 08 Dec 2023 20:44

Instrument :
MSVOA_N
ClientSampleId :
TP-34

Tgt Ion: 43 Resp: 3256
Ion Ratio Lower Upper
43 100
58 36.4 28.0 42.0

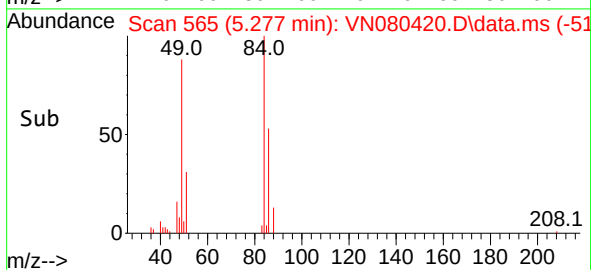
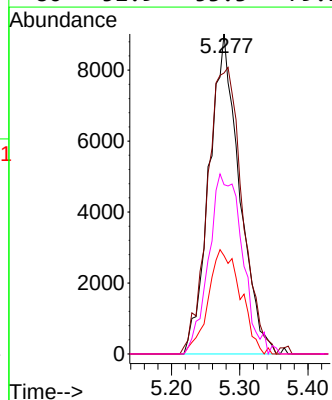
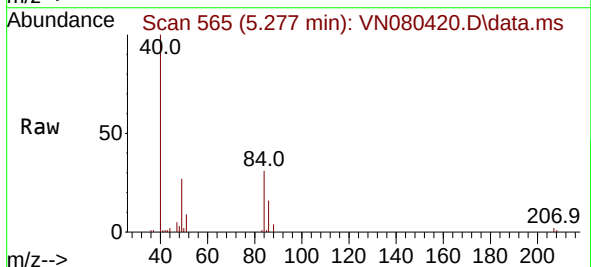
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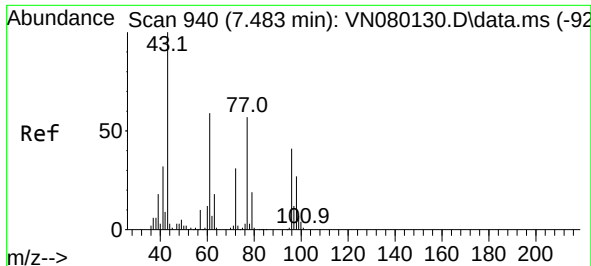
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#20
Methylene Chloride
Concen: 9.237 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080420.D
Acq: 08 Dec 2023 20:44

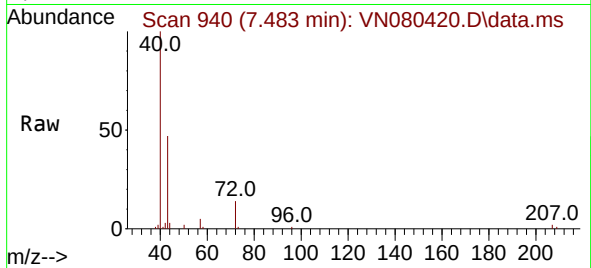
Tgt Ion: 84 Resp: 27959
Ion Ratio Lower Upper
84 100
49 87.8 79.7 119.5
51 30.7 25.2 37.8
86 52.9 53.3 79.9#





#25
2-Butanone
Concen: 20.485 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080420.D
Acq: 08 Dec 2023 20:44

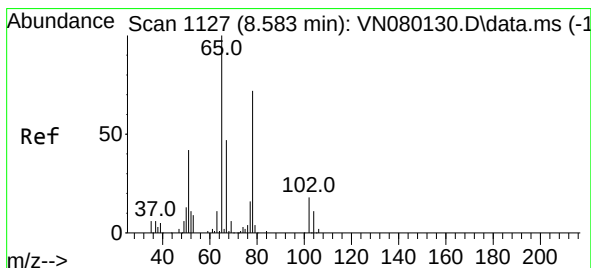
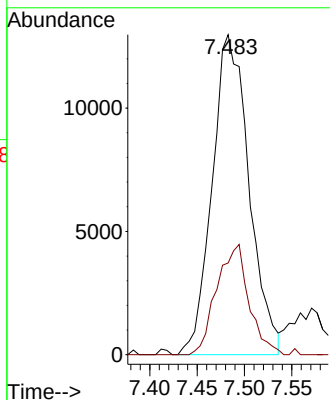
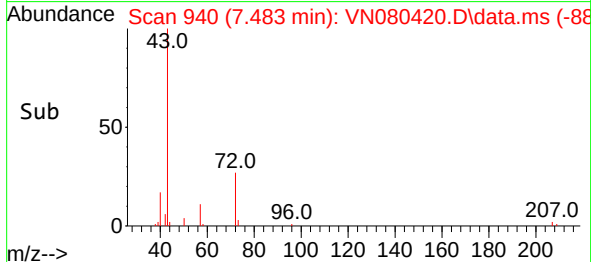
Instrument :
MSVOA_N
ClientSampleId :
TP-34



Tgt Ion: 43 Resp: 3517
Ion Ratio Lower Upper
43 100
72 28.7 30.2 45.2

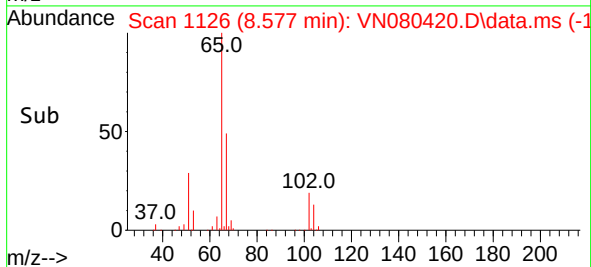
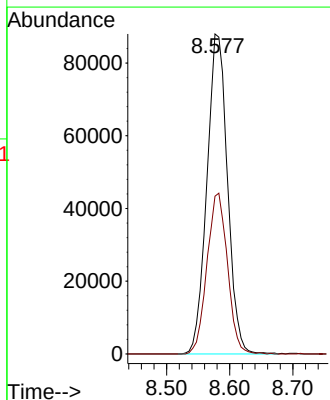
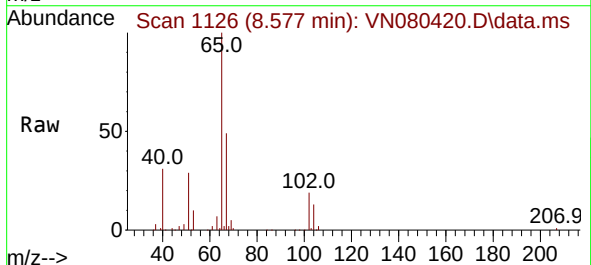
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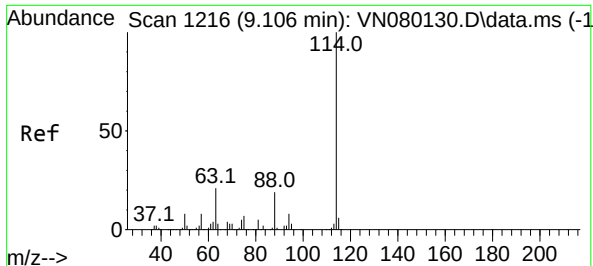
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#33
1,2-Dichloroethane-d4
Concen: 46.287 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080420.D
Acq: 08 Dec 2023 20:44

Tgt Ion: 65 Resp: 199184
Ion Ratio Lower Upper
65 100
67 50.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080420.D

Acq: 08 Dec 2023 20:44

Instrument :

MSVOA_N

ClientSampleId :

TP-34

Tgt Ion:114 Resp: 47628

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.4

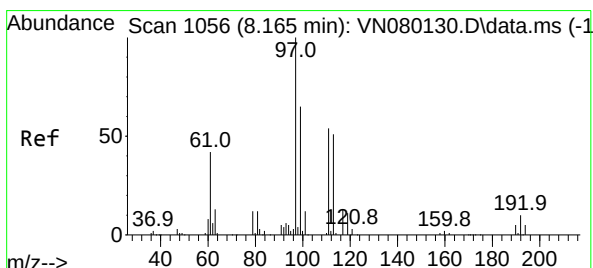
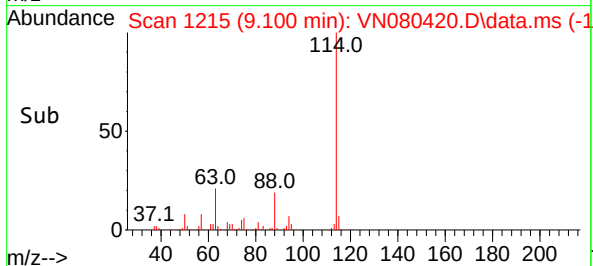
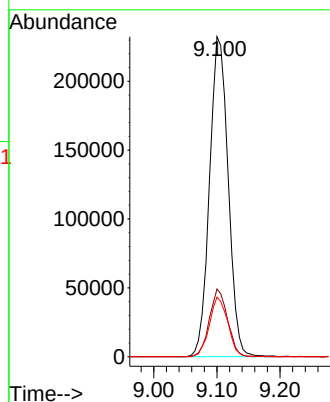
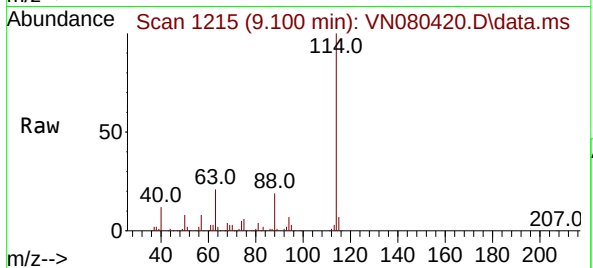
88 18.6 0.0 30.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/12/2023

Supervised By :Semsettin Yesilyurt 12/12/2023



#35

Dibromofluoromethane

Concen: 47.768 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080420.D

Acq: 08 Dec 2023 20:44

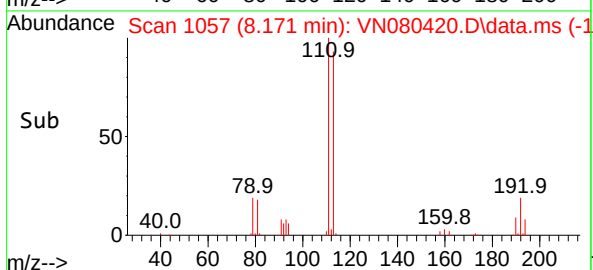
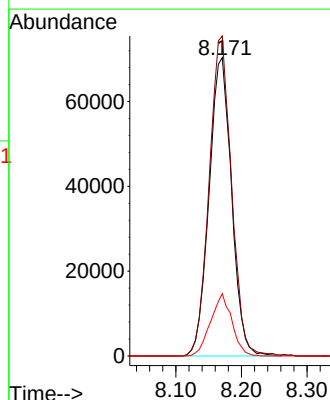
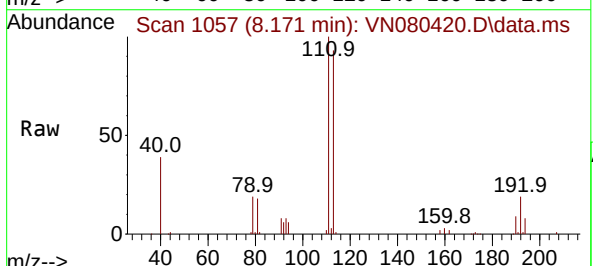
Tgt Ion:113 Resp: 167872

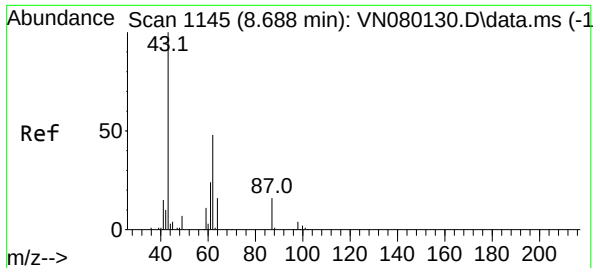
Ion Ratio Lower Upper

113 100

111 106.5 82.6 123.8

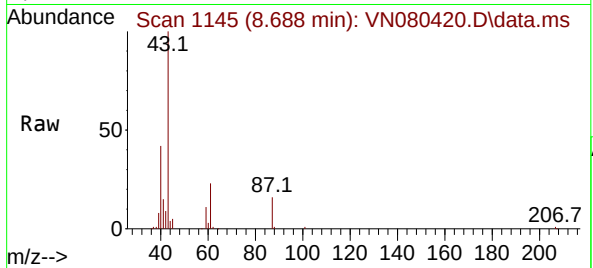
192 19.7 12.7 19.1#





#43
Isopropyl Acetate
Concen: 21.456 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080420.D
Acq: 08 Dec 2023 20:44

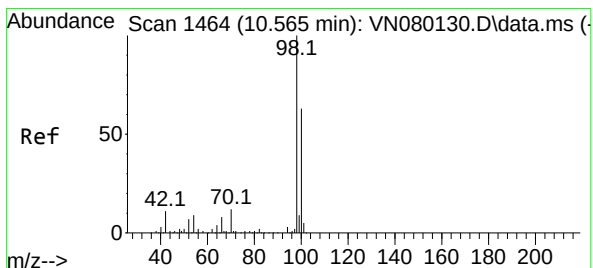
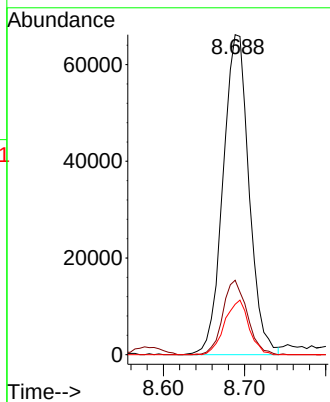
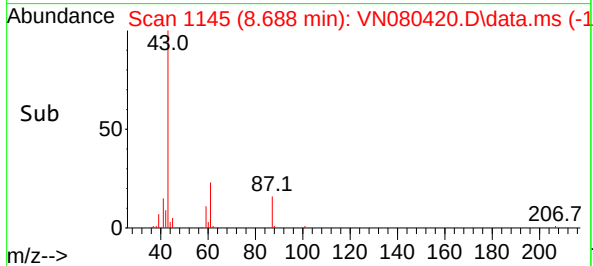
Instrument :
MSVOA_N
ClientSampleId :
TP-34



Tgt Ion: 43 Resp: 147354
Ion Ratio Lower Upper
43 100
61 21.8 24.7 37.1
87 15.9 14.6 21.8

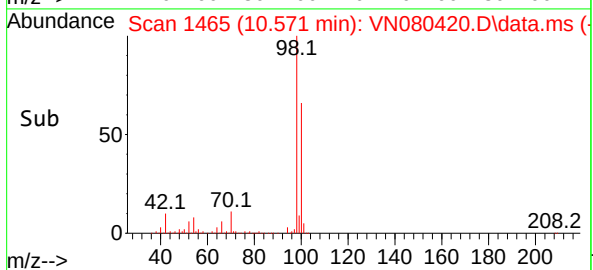
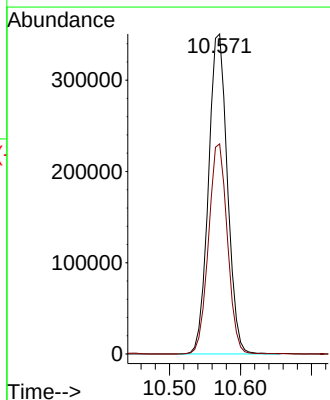
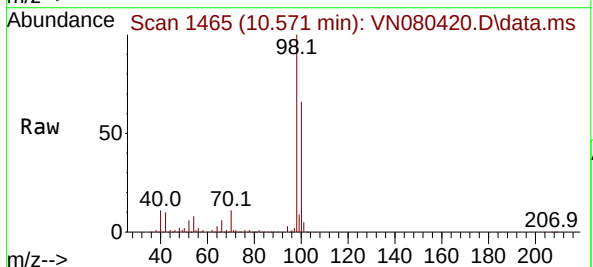
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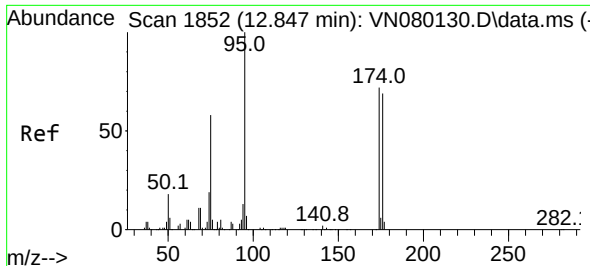
Reviewed By :Mahesh Dadoda 12/12/2023
Supervised By :Semsettin Yesilyurt 12/12/2023



#50
Toluene-d8
Concen: 51.159 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080420.D
Acq: 08 Dec 2023 20:44

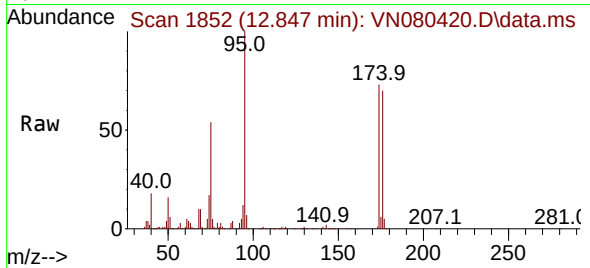
Tgt Ion: 98 Resp: 648100
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 58.708 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080420.D
Acq: 08 Dec 2023 20:44

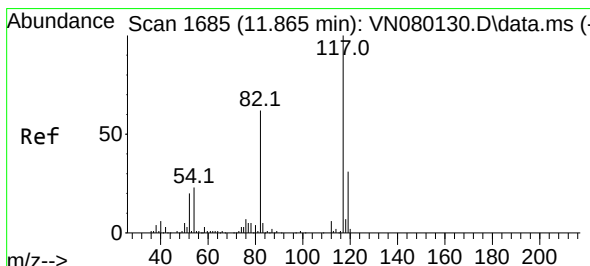
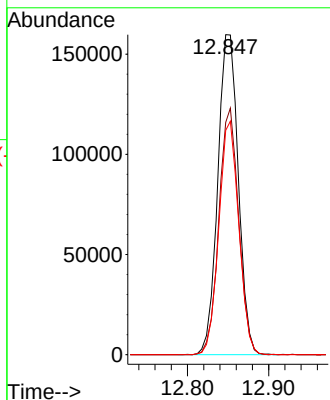
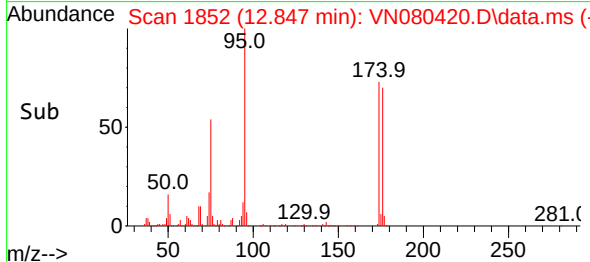
Instrument :
MSVOA_N
ClientSampleId :
TP-34



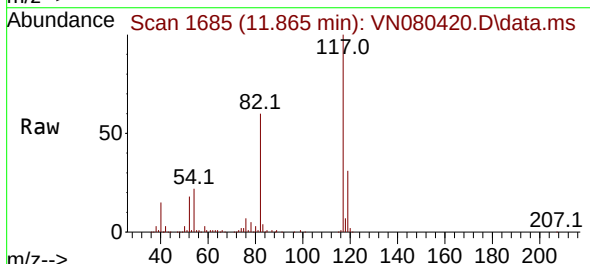
Tgt Ion: 95 Resp: 280922
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 70.8 0.0 135.8

Manual Integrations
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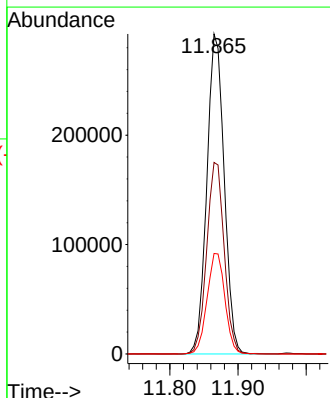
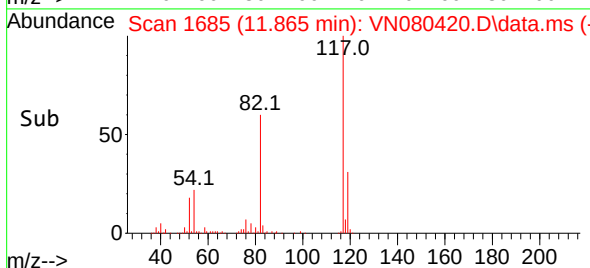
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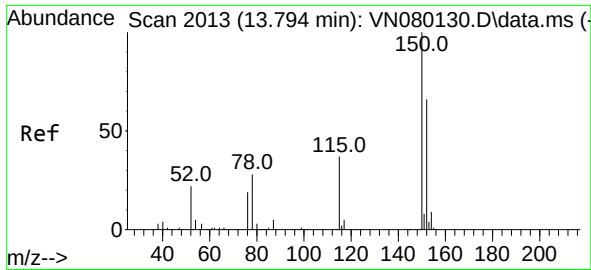


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080420.D
Acq: 08 Dec 2023 20:44



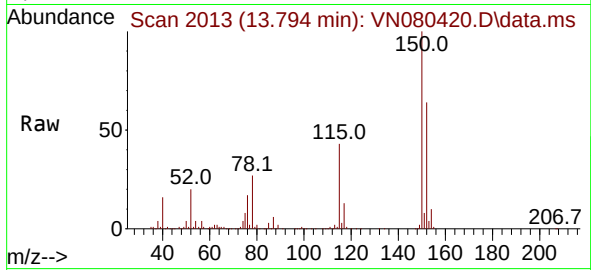
Tgt Ion:117 Resp: 517110
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 31.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080420.D
 Acq: 08 Dec 2023 20:44

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-34



Tgt Ion:152 Resp: 256674
 Ion Ratio Lower Upper
 152 100
 115 65.3 32.3 96.8
 150 155.3 0.0 355.8

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