

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080837.D
 Acq On : 31 Jan 2024 13:57
 Operator : JC\MD
 Sample : P1284-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1250

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2024
 Supervised By : Mahesh Dadoda 02/01/2024

Quant Time: Jan 31 23:16:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	91311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	214208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	225323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	77794	49.247	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.500%		
35) Dibromofluoromethane	8.165	113	60706	46.322	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.640%		
50) Toluene-d8	10.565	98	247651	48.281	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.560%		
62) 4-Bromofluorobenzene	12.853	95	97747	54.686	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.380%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.512	59	4735m	18.388	ug/l	
13) Acrolein	4.200	56	2460m	7.576	ug/l	
16) Acetone	4.430	43	28954	50.539	ug/l	96
18) Methyl Acetate	5.012	43	9108	4.562	ug/l	93
25) 2-Butanone	7.482	43	55162	50.692	ug/l	100
37) Ethyl Acetate	7.553	43	5449	2.173	ug/l #	90
52) Toluene	10.635	92	2786	0.679	ug/l	93
68) m/p-Xylenes	12.070	106	1590	0.490	ug/l	83
84) 1,2,4-Trimethylbenzene	13.488	105	3855	0.568	ug/l	97
95) Naphthalene	15.647	128	1864	0.322	ug/l #	84

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

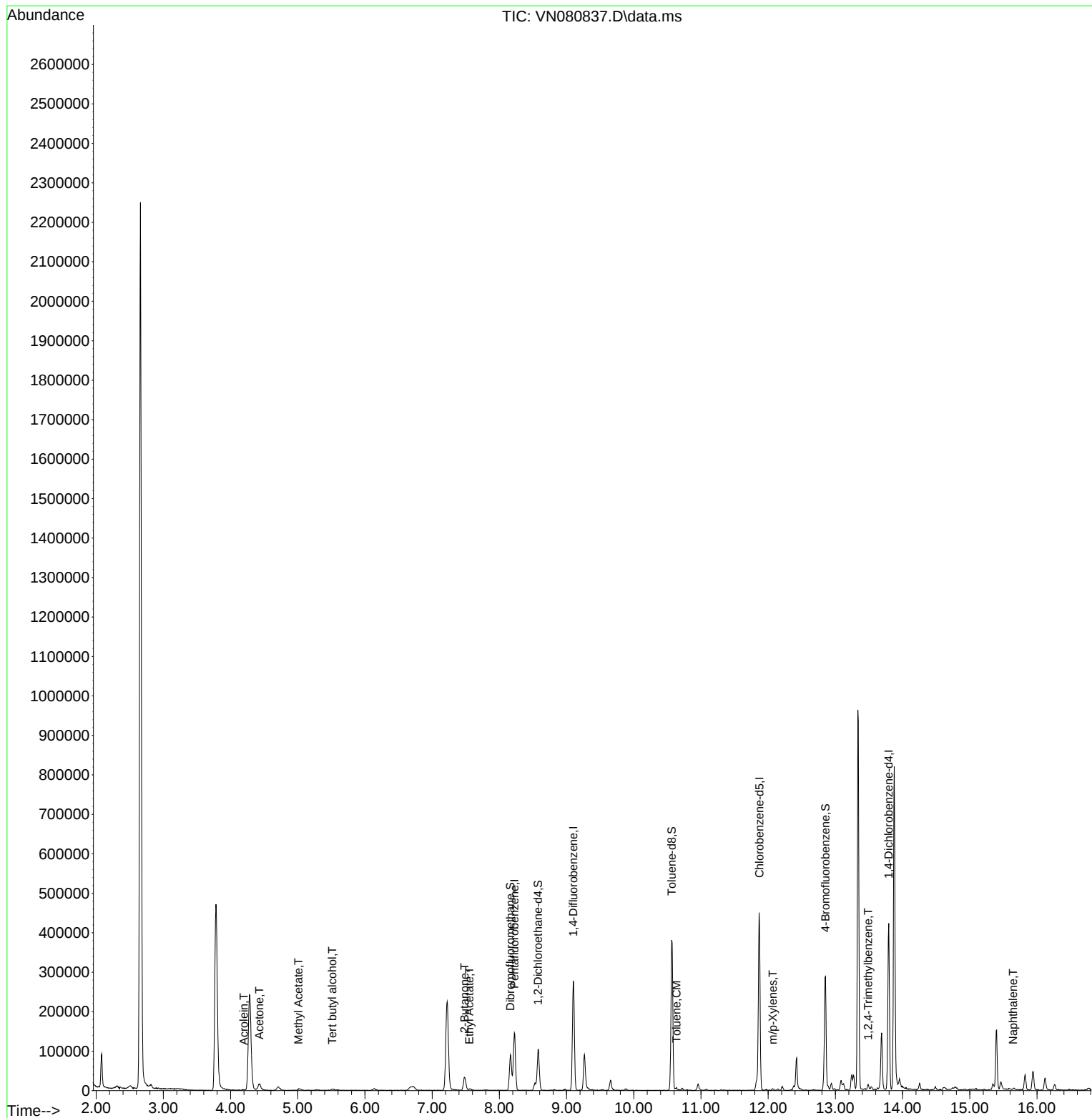
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
Data File : VN080837.D
Acq On : 31 Jan 2024 13:57
Operator : JC\MD
Sample : P1284-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

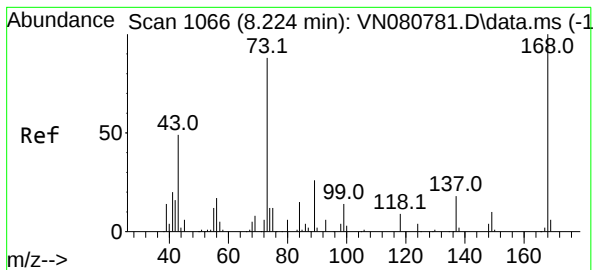
Instrument :
MSVOA_N
ClientSampleId :
1250

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

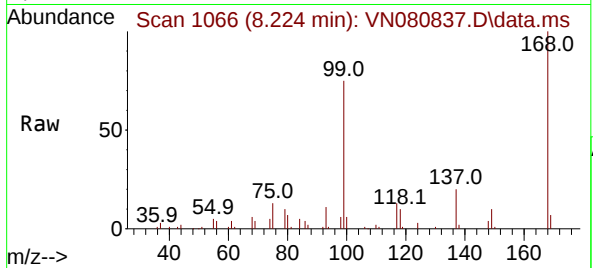
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57

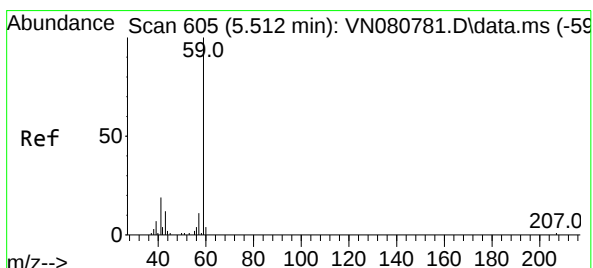
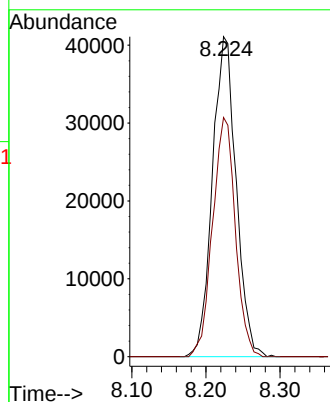
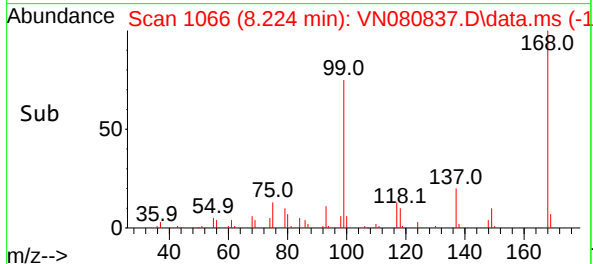
Instrument :
MSVOA_N
ClientSampleId :
1250



Tgt Ion:168 Resp: 9131
Ion Ratio Lower Upper
168 100
99 74.7 59.9 89.9

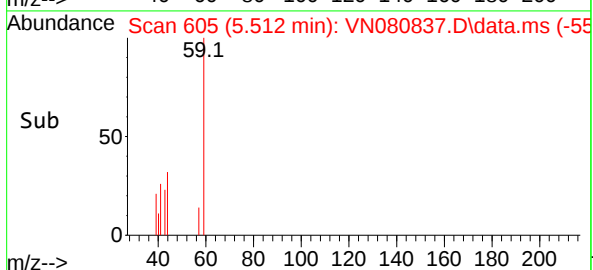
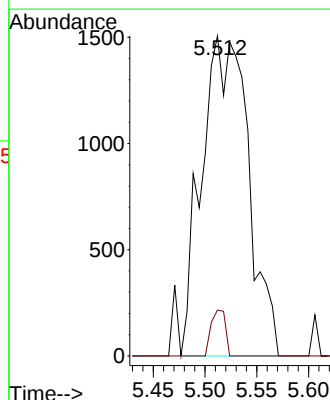
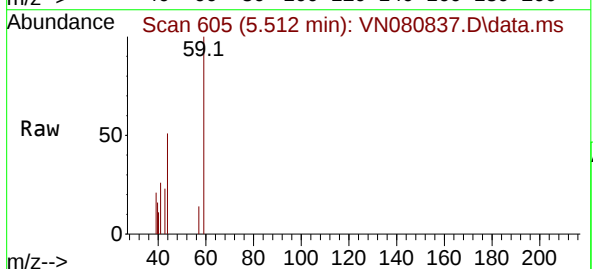
Manual Integrations
APPROVED

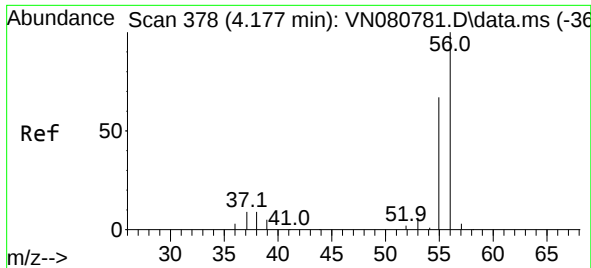
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#11
Tert butyl alcohol
Concen: 18.388 ug/l m
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57

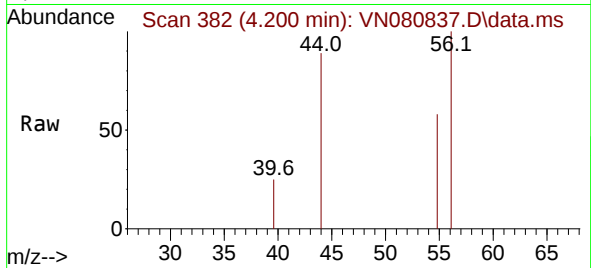
Tgt Ion: 59 Resp: 4735
Ion Ratio Lower Upper
59 100
57 4.4 8.6 12.8#





#13
Acrolein
Concen: 7.576 ug/l m
RT: 4.200 min Scan# 31250
Delta R.T. 0.023 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57

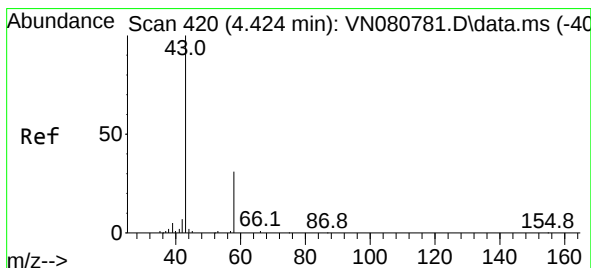
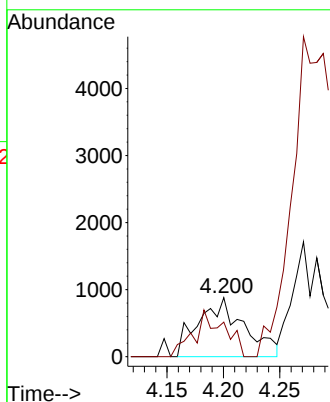
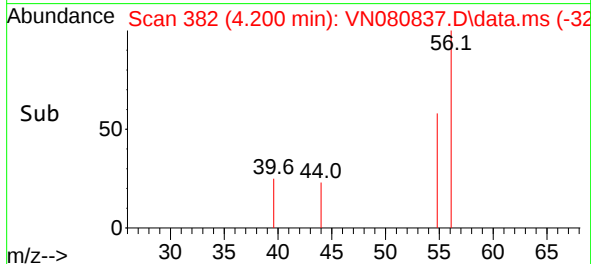
Instrument :
MSVOA_N
ClientSampleId :
1250



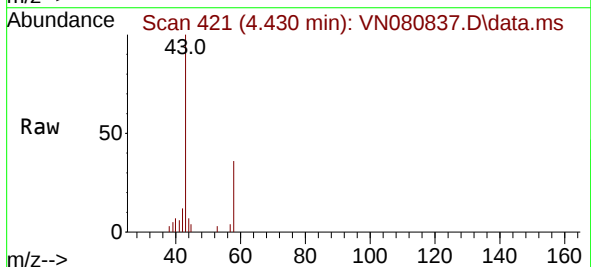
Tgt Ion: 56 Resp: 2460
Ion Ratio Lower Upper
56 100
55 52.8 55.3 82.9

Manual Integrations
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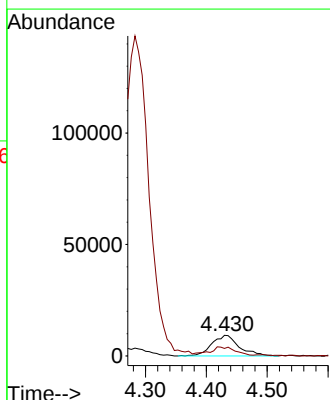
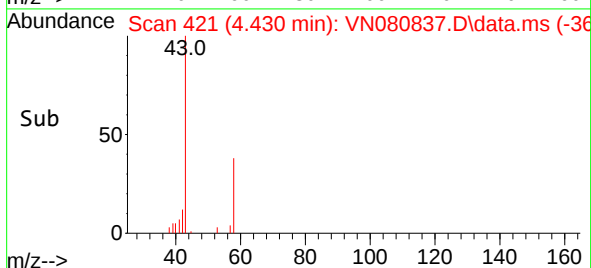
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

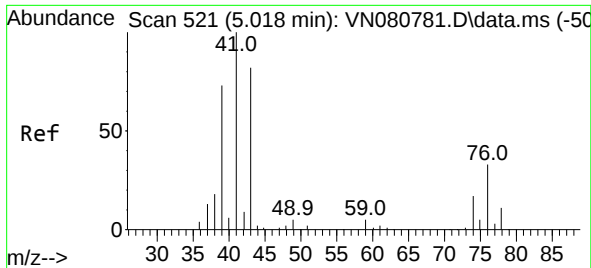


#16
Acetone
Concen: 50.539 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57



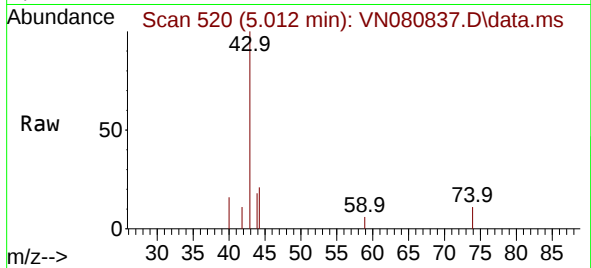
Tgt Ion: 43 Resp: 28954
Ion Ratio Lower Upper
43 100
58 33.2 24.8 37.2





#18
Methyl Acetate
Concen: 4.562 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57

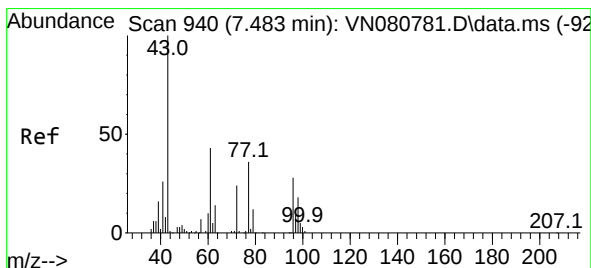
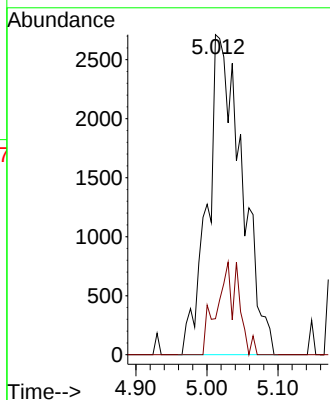
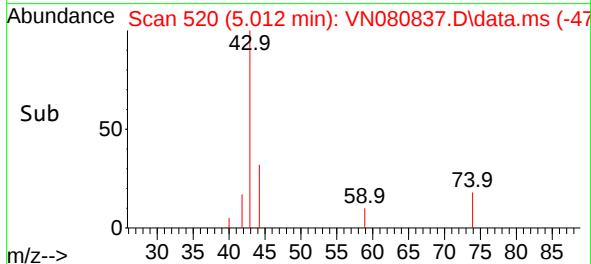
Instrument :
MSVOA_N
ClientSampleId :
1250



Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
74 18.2 17.3 25.9

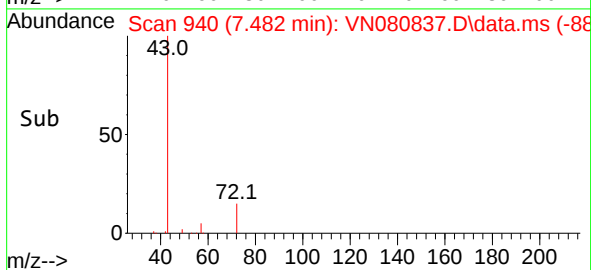
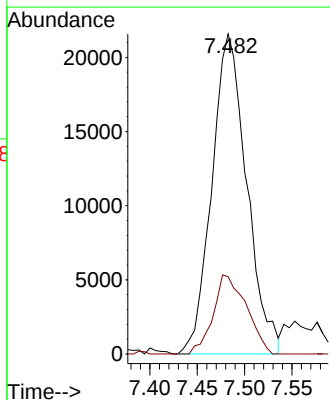
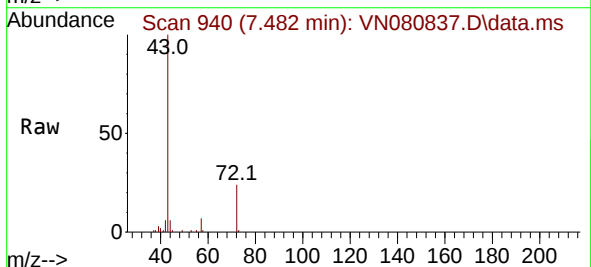
Manual Integrations
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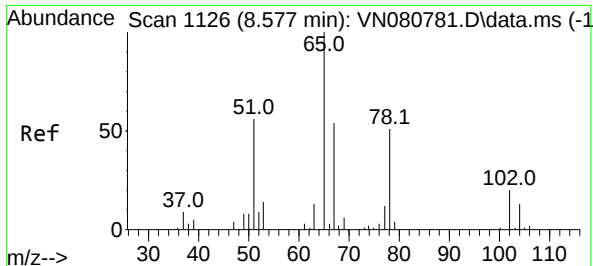
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#25
2-Butanone
Concen: 50.692 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57

Tgt Ion: 43 Resp: 55162
Ion Ratio Lower Upper
43 100
72 24.2 19.5 29.3





#33

1,2-Dichloroethane-d4

Concen: 49.247 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080837.D

Acq: 31 Jan 2024 13:57

Instrument :

MSVOA_N

ClientSampleId :

1250

Tgt Ion: 65 Resp: 77794

Ion Ratio Lower Upper

65 100

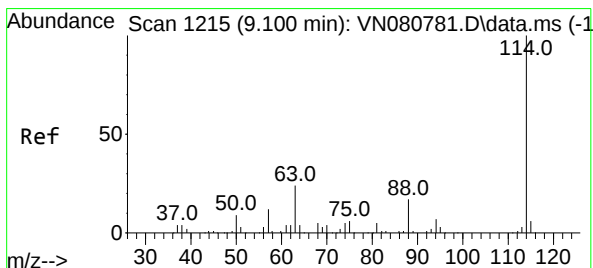
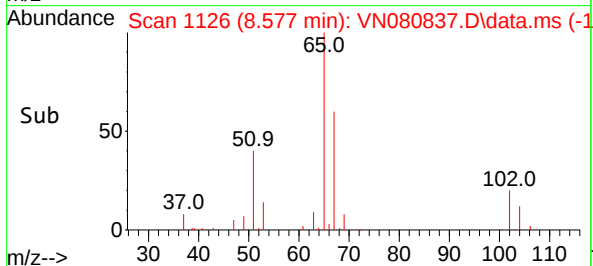
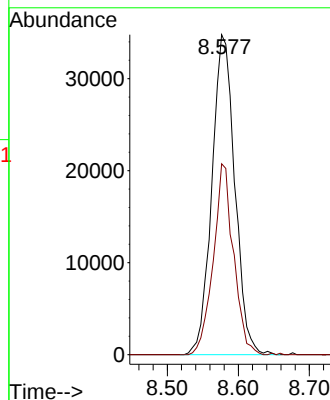
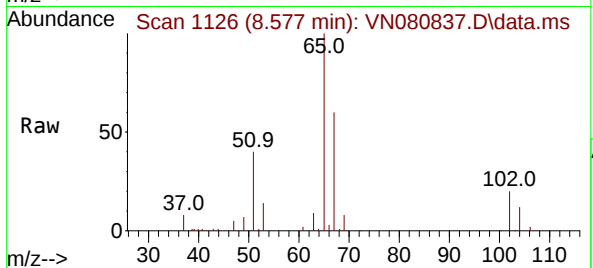
67 52.7 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN080837.D

Acq: 31 Jan 2024 13:57

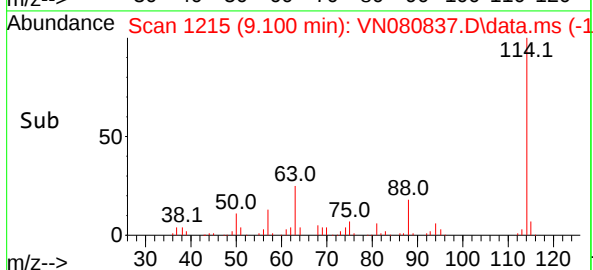
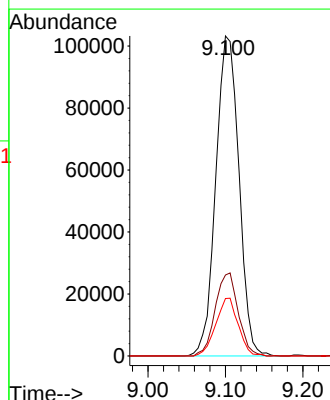
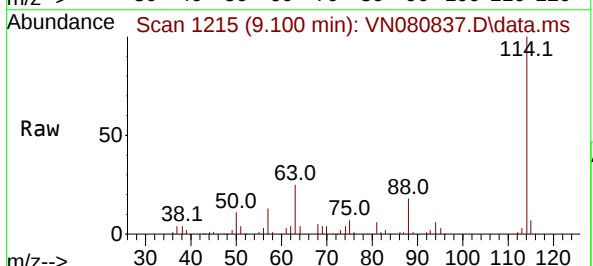
Tgt Ion:114 Resp: 214208

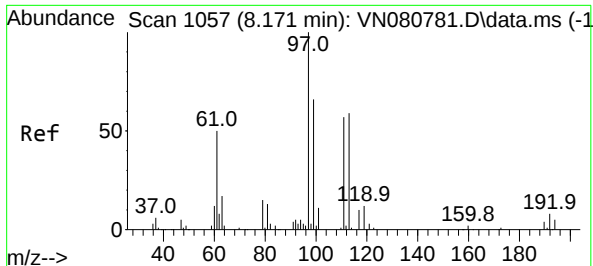
Ion Ratio Lower Upper

114 100

63 25.3 0.0 48.0

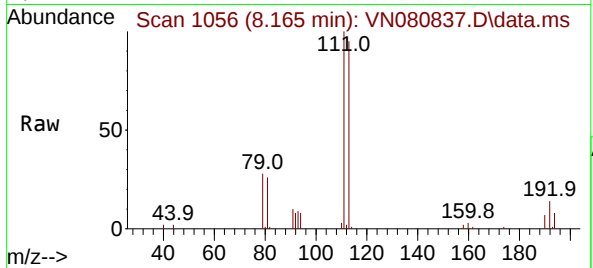
88 17.9 0.0 34.8





#35
Dibromofluoromethane
Concen: 46.322 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57

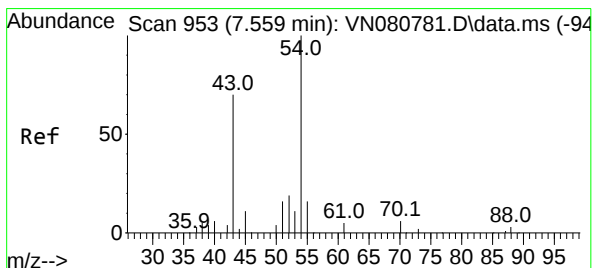
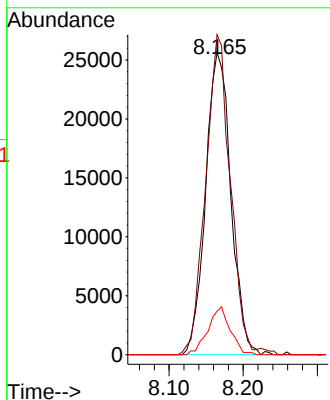
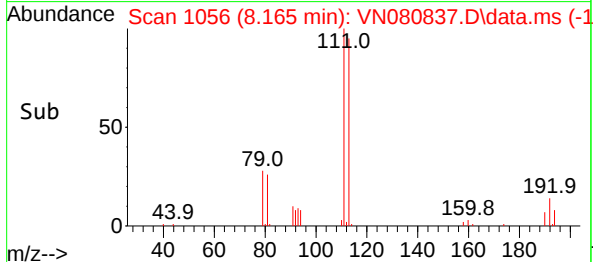
Instrument :
MSVOA_N
ClientSampleId :
1250



Tgt Ion: 113 Resp: 60700
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 14.0 12.5 18.7

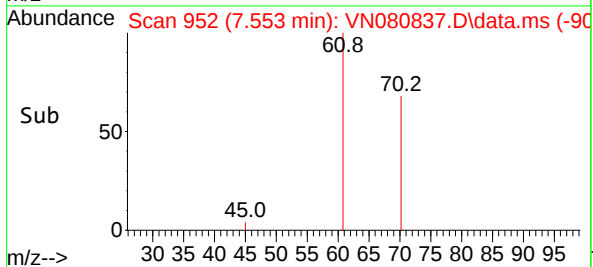
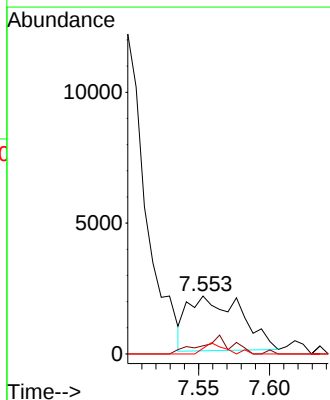
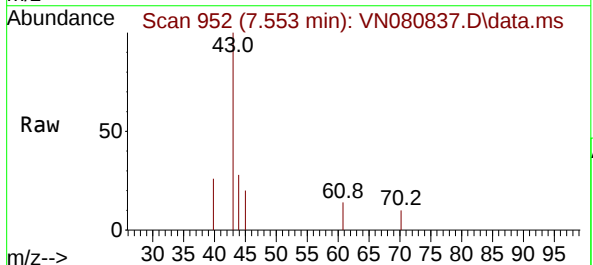
Manual Integrations
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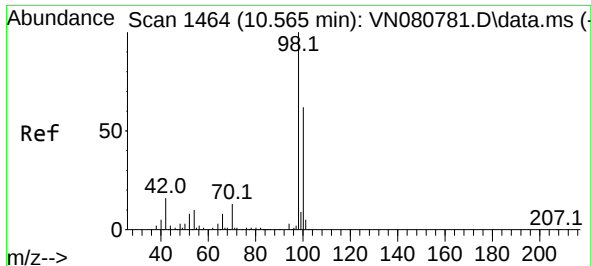
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#37
Ethyl Acetate
Concen: 2.173 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57

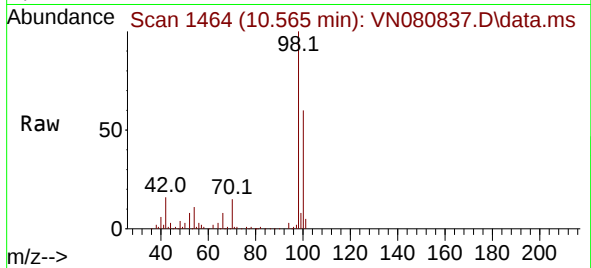
Tgt Ion: 43 Resp: 5449
Ion Ratio Lower Upper
43 100
61 18.9 10.6 15.8#
70 8.1 8.0 12.0





#50
Toluene-d8
Concen: 48.281 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57

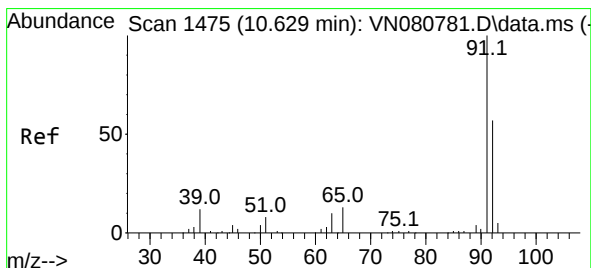
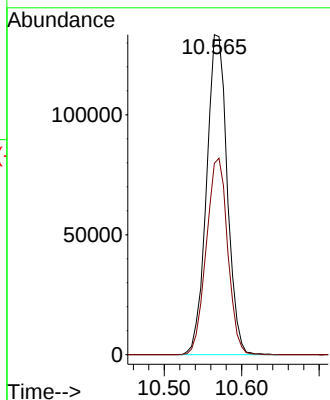
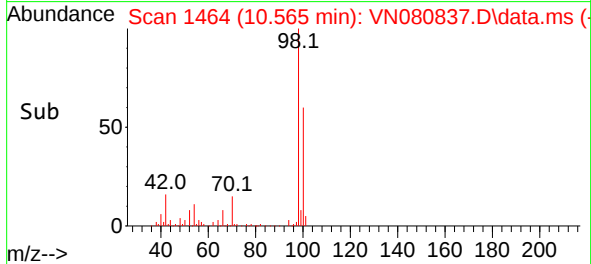
Instrument :
MSVOA_N
ClientSampleId :
1250



Tgt Ion: 98 Resp: 24765
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0

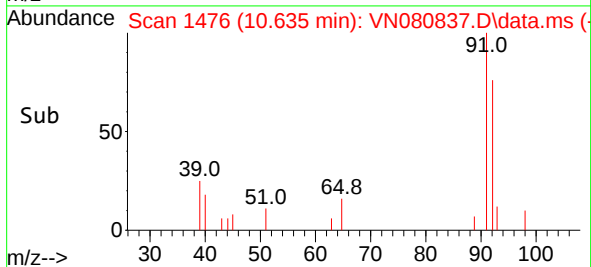
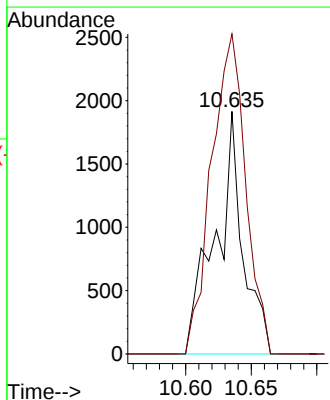
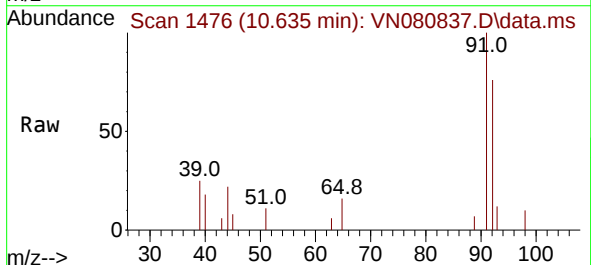
Manual Integrations
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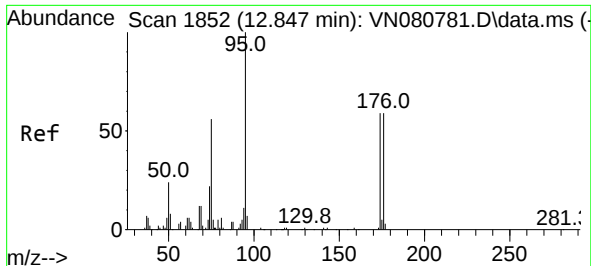
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#52
Toluene
Concen: 0.679 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57

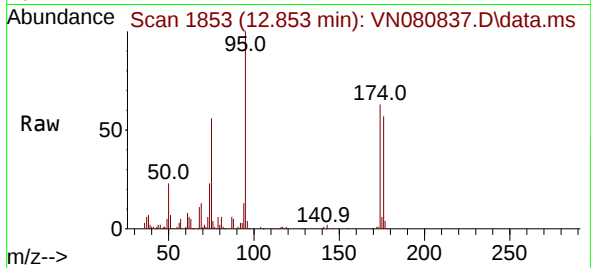
Tgt Ion: 92 Resp: 2786
Ion Ratio Lower Upper
92 100
91 164.3 139.4 209.0





#62
4-Bromofluorobenzene
Concen: 54.686 ug/l
RT: 12.853 min Scan# 11250
Delta R.T. 0.006 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57

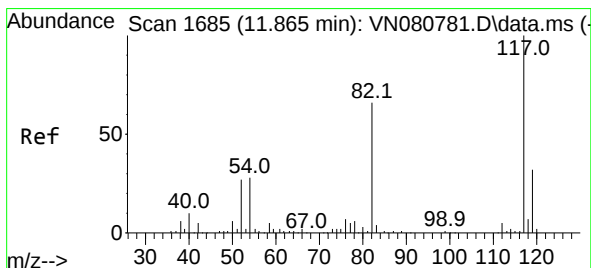
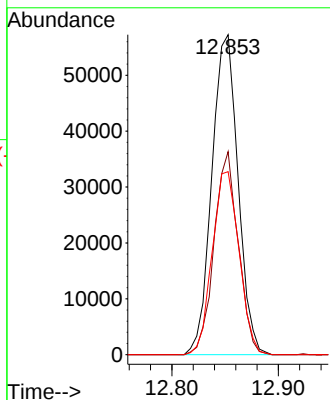
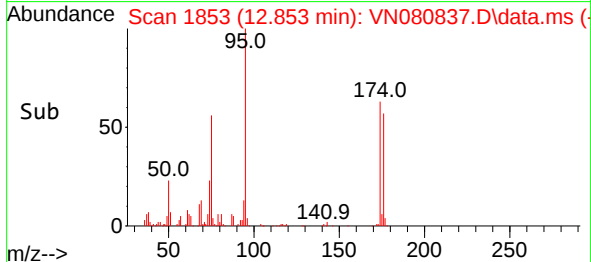
Instrument :
MSVOA_N
ClientSampleId :
1250



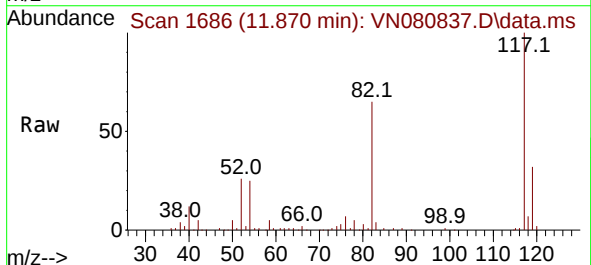
Tgt Ion: 95 Resp: 9774
Ion Ratio Lower Upper
95 100
174 58.6 0.0 120.4
176 58.6 0.0 121.0

Manual Integrations
APPROVED

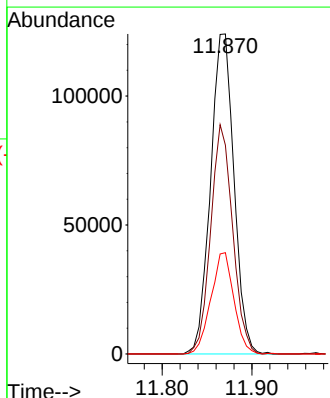
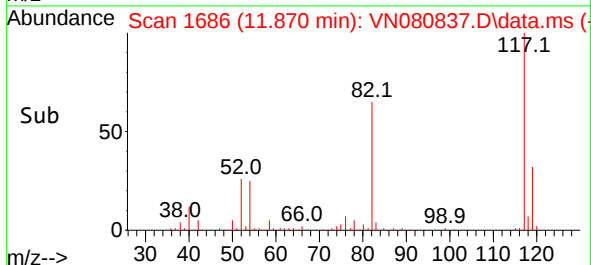
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

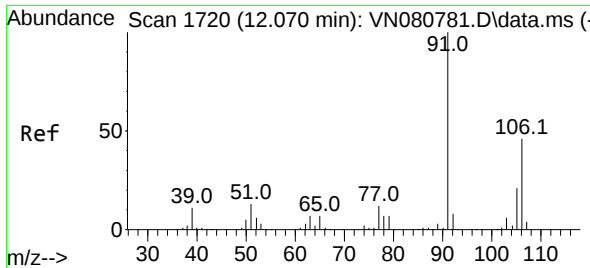


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57



Tgt Ion:117 Resp: 225323
Ion Ratio Lower Upper
117 100
82 65.3 52.7 79.1
119 31.7 25.3 37.9





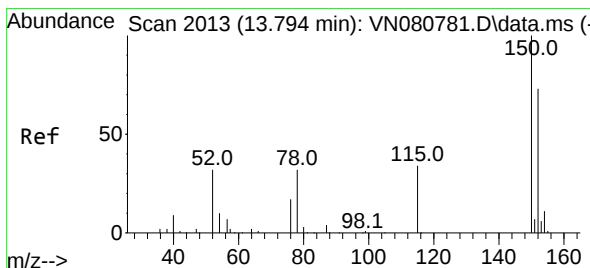
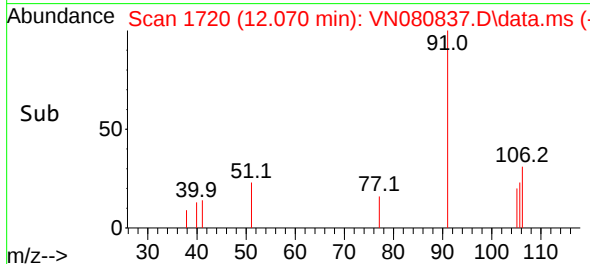
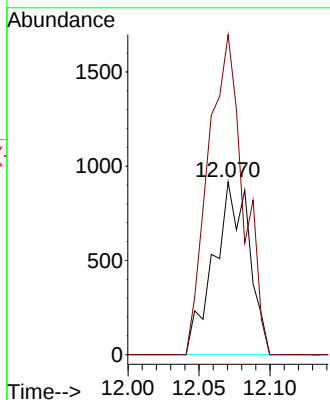
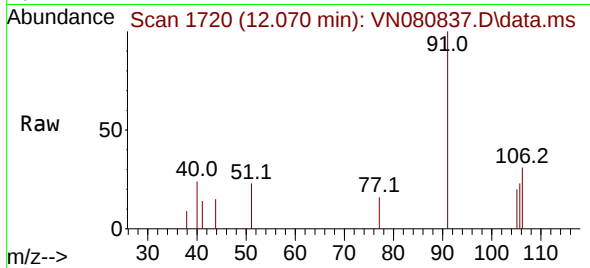
#68
m/p-Xylenes
Concen: 0.490 ug/l
RT: 12.070 min Scan# 11250
Delta R.T. -0.000 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57

Instrument :
MSVOA_N
ClientSampleId :
1250

Tgt Ion:106 Resp: 1590
Ion Ratio Lower Upper
106 100
91 184.5 169.0 253.6

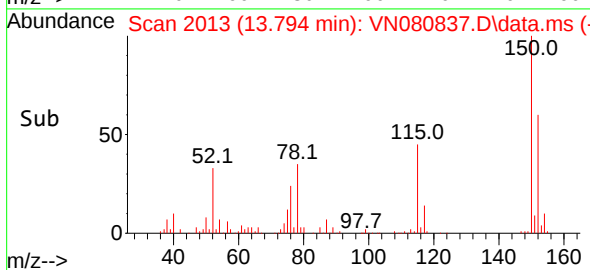
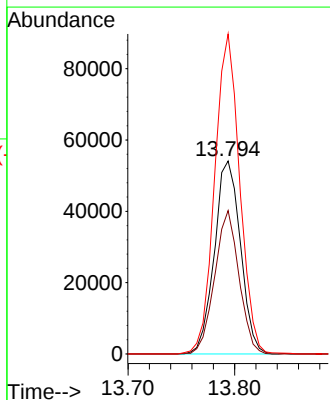
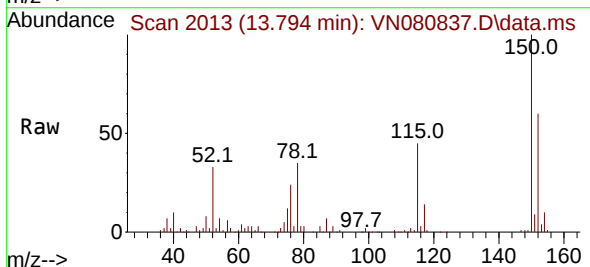
Manual Integrations
APPROVED

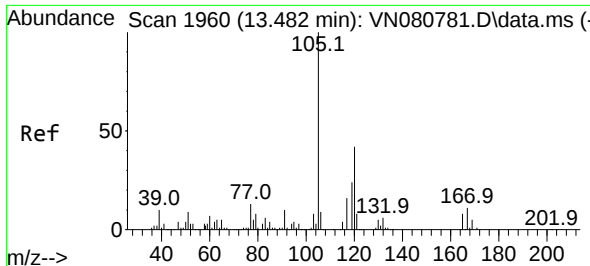
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57

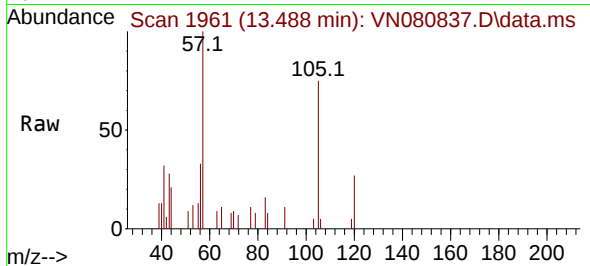
Tgt Ion:152 Resp: 91828
Ion Ratio Lower Upper
152 100
115 69.3 32.3 96.8
150 159.0 0.0 339.8





#84
1,2,4-Trimethylbenzene
Concen: 0.568 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57

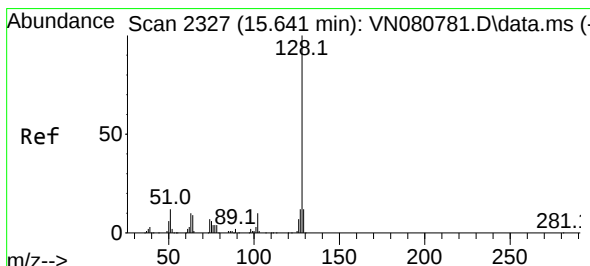
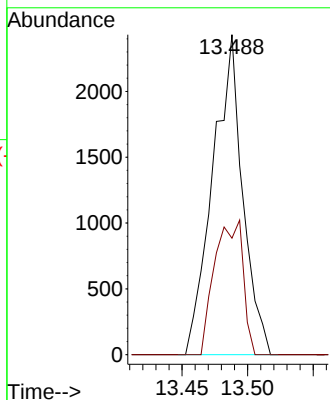
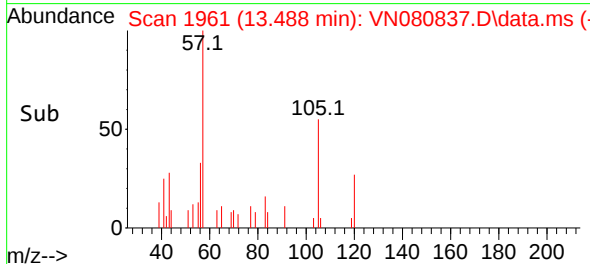
Instrument :
MSVOA_N
ClientSampleId :
1250



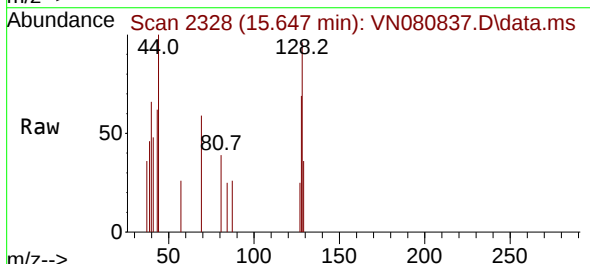
Tgt Ion:105 Resp: 385
Ion Ratio Lower Upper
105 100
120 39.8 20.9 62.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#95
Naphthalene
Concen: 0.322 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN080837.D
Acq: 31 Jan 2024 13:57



Tgt Ion:128 Resp: 1864
Ion Ratio Lower Upper
128 100
127 6.5 10.0 15.0#
129 4.2 8.7 13.1#

