

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
 Data File : VN081673.D
 Acq On : 08 Apr 2024 13:41
 Operator : JC\MD
 Sample : P1995-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-23-00113

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/09/2024
 Supervised By : Semsettin Yesilyurt 04/09/2024

Quant Time: Apr 09 01:55:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	468040	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	832181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	784237	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	349745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	284210	47.616	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.240%		
35) Dibromofluoromethane	8.165	113	256137	48.770	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	10.570	98	1021516	53.806	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.620%		
62) 4-Bromofluorobenzene	12.847	95	339210	50.707	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	101.420%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	15738	15.130	ug/l #	78
16) Acetone	4.389	43	57896326m	30014.323	ug/l	
18) Methyl Acetate	5.024	43	239625	40.294	ug/l #	86
20) Methylene Chloride	5.283	84	26323	4.166	ug/l #	75
25) 2-Butanone	7.482	43	40672	12.293	ug/l #	83
43) Isopropyl Acetate	8.688	43	317174m	25.283	ug/l	
52) Toluene	10.618	92	29151746m	1775.007	ug/l	
67) Ethyl Benzene	11.959	91	17379640	539.671	ug/l #	86
68) m/p-Xylenes	12.065	106	21252892	1760.388	ug/l #	1
69) o-Xylene	12.400	106	7914625	667.777	ug/l	85
73) Isopropylbenzene	12.694	105	63947	2.145	ug/l	100
78) n-propylbenzene	13.041	91	48328	1.373	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	51007	2.071	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	232782	9.406	ug/l	95
95) Naphthalene	15.641	128	101924	4.177	ug/l	99

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

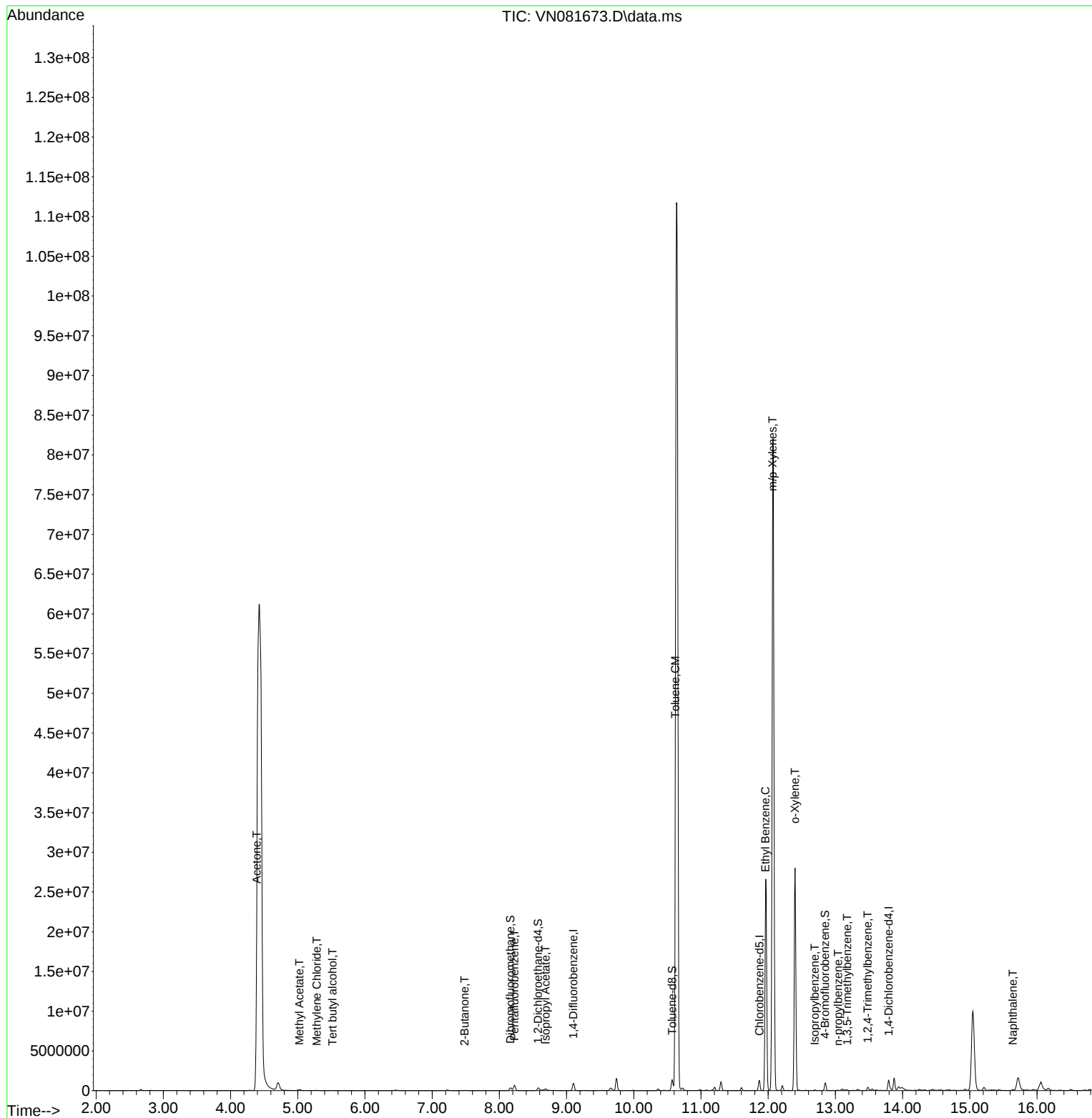
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
Data File : VN081673.D
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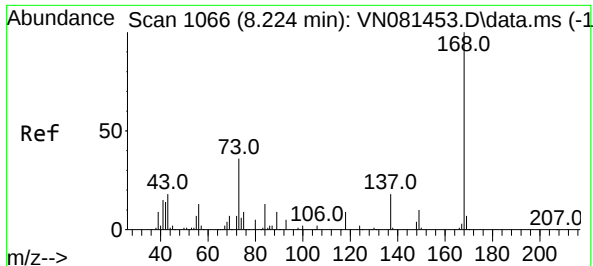
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

Quant Time: Apr 09 01:55:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
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APPROVED

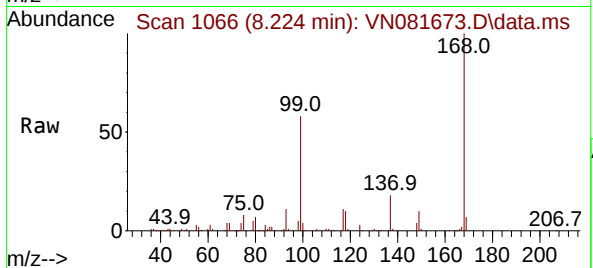
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

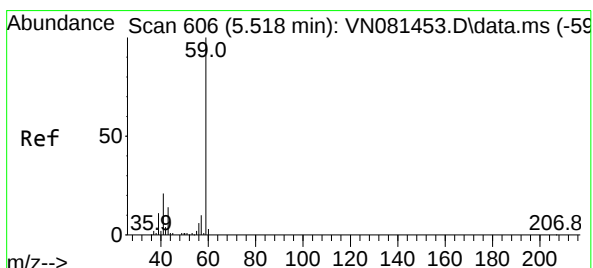
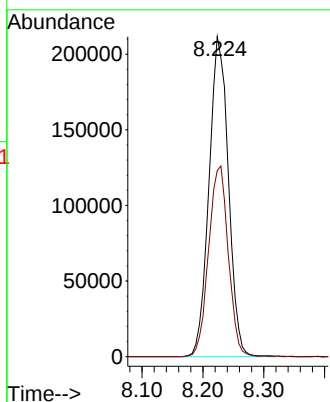
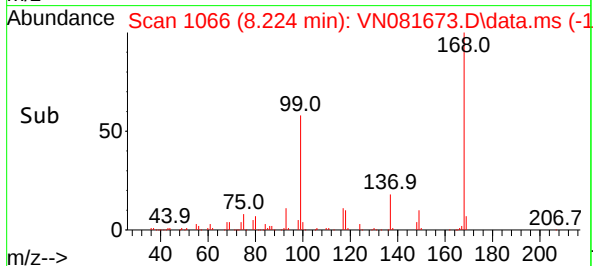
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113



Tgt Ion:168 Resp: 468040
Ion Ratio Lower Upper
168 100
99 58.2 59.9 89.9

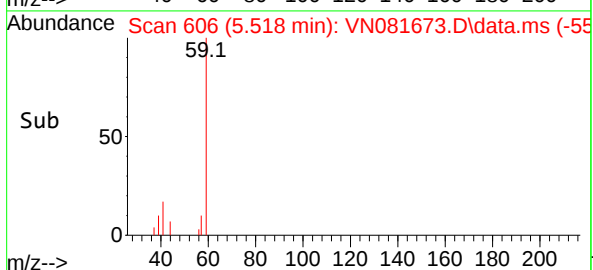
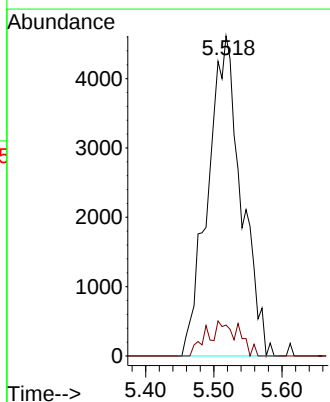
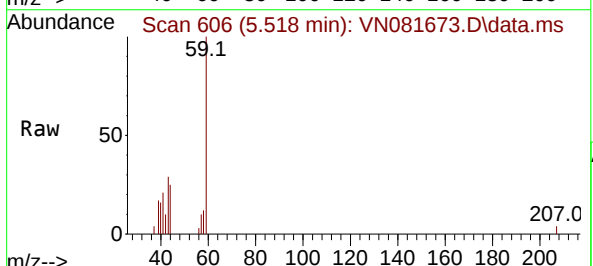
Manual Integrations
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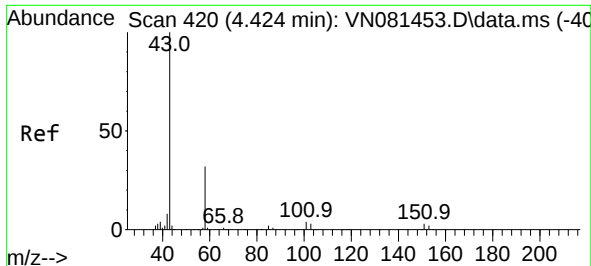
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#11
Tert butyl alcohol
Concen: 15.130 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

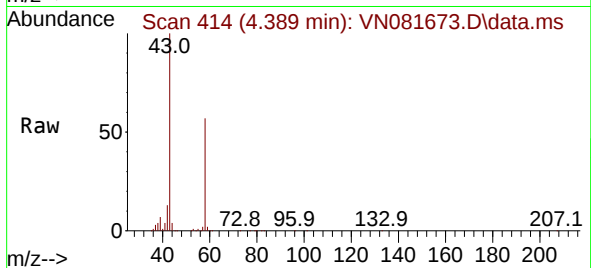
Tgt Ion: 59 Resp: 15738
Ion Ratio Lower Upper
59 100
57 2.5 8.6 12.8





#16
Acetone
Concen: 30014.323 ug/l m
RT: 4.389 min Scan# 414
Delta R.T. -0.035 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

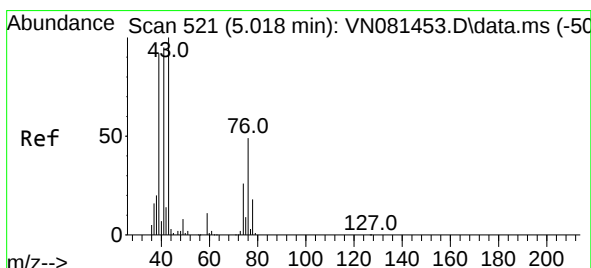
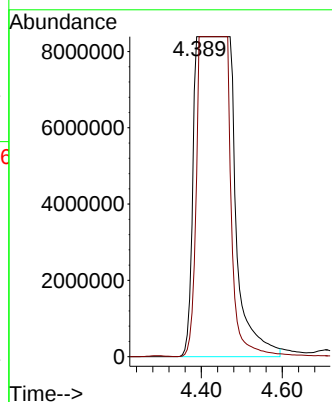
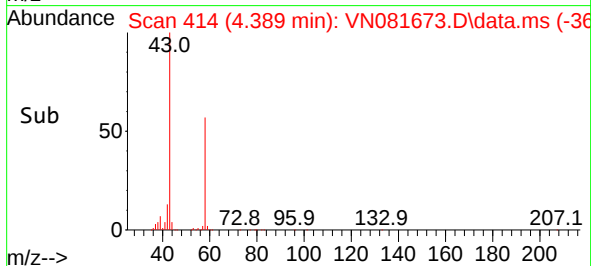
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113



Tgt Ion: 43 Resp: 57896320
Ion Ratio Lower Upper
43 100
58 56.7 24.8 37.2

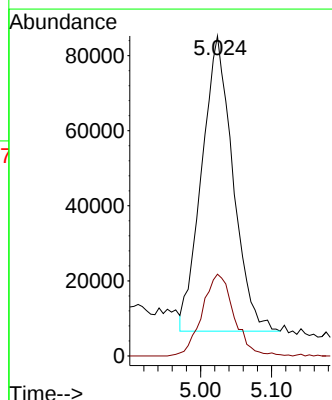
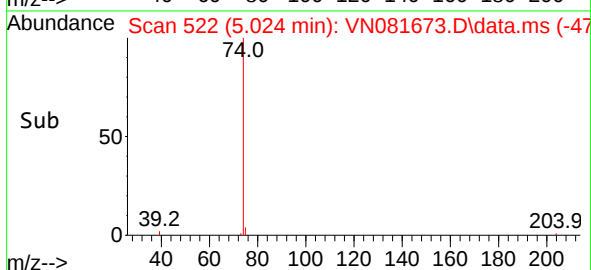
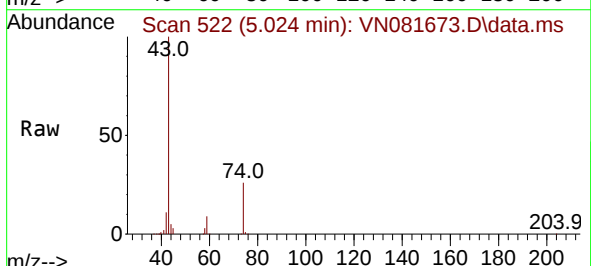
Manual Integrations
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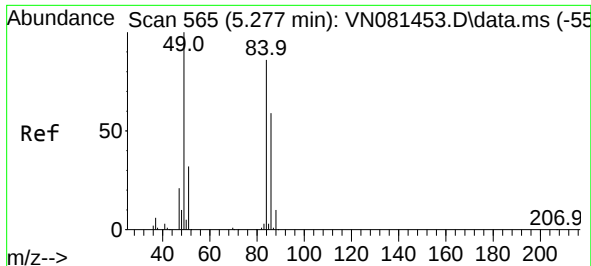
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#18
Methyl Acetate
Concen: 40.294 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

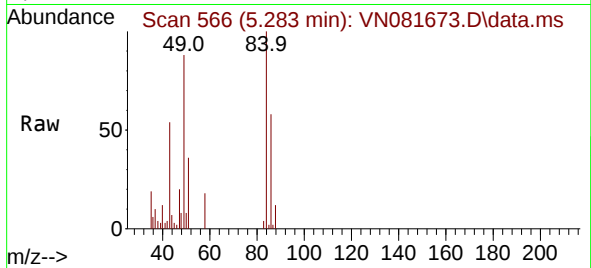
Tgt Ion: 43 Resp: 239625
Ion Ratio Lower Upper
43 100
74 28.4 17.3 25.9





#20
Methylene Chloride
Concen: 4.166 ug/l
RT: 5.283 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

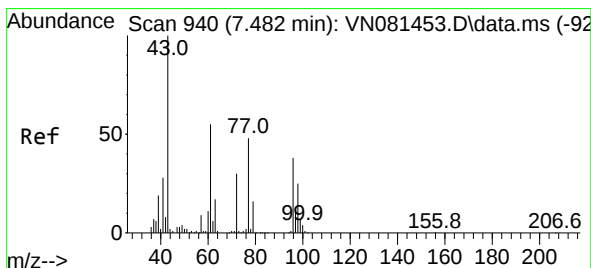
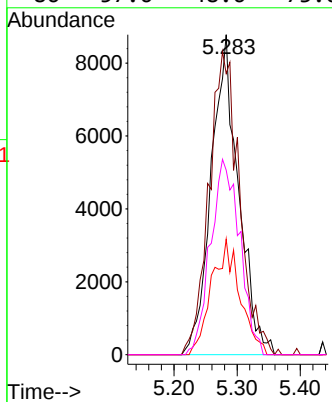
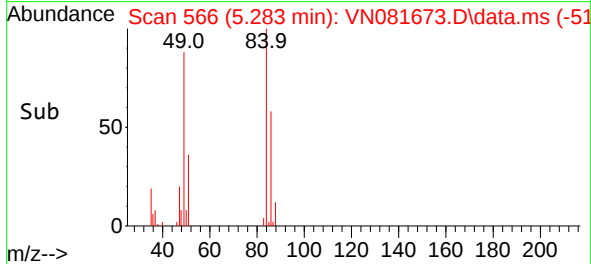
Instrument :
MSVOA_N
Client Sample Id :
MOO-23-00113



Tgt Ion: 84 Resp: 2632
Ion Ratio Lower Upper
84 100
49 87.9 108.1 162.1
51 36.1 32.9 49.3
86 57.6 48.6 73.0

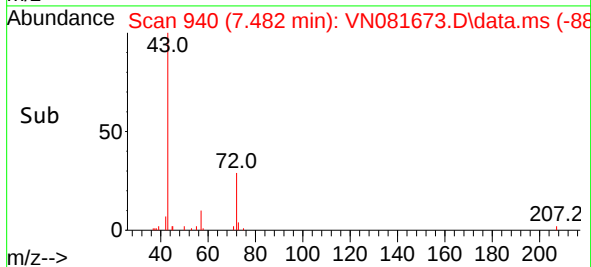
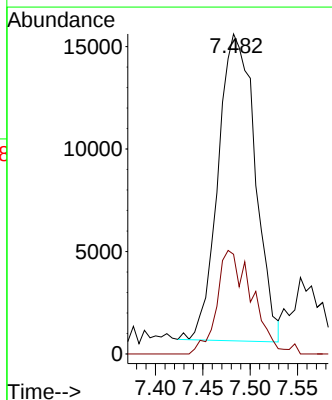
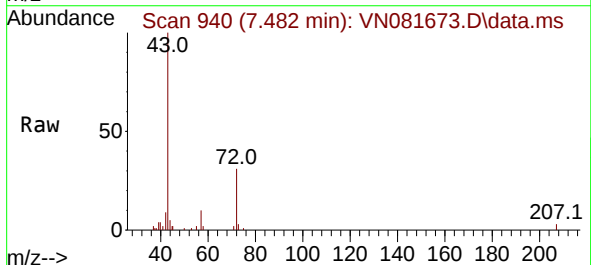
Manual Integrations
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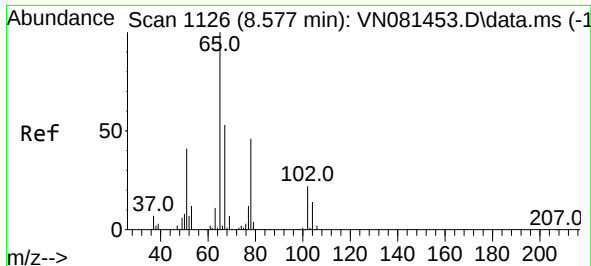
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#25
2-Butanone
Concen: 12.293 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 43 Resp: 40672
Ion Ratio Lower Upper
43 100
72 32.6 19.5 29.3#





#33

1,2-Dichloroethane-d4

Concen: 47.616 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081673.D

Acq: 08 Apr 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

MOO-23-00113

Tgt Ion: 65 Resp: 284210

Ion Ratio Lower Upper

65 100

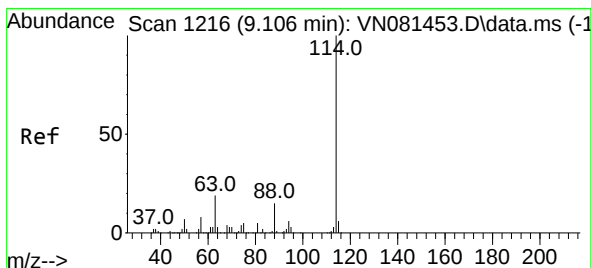
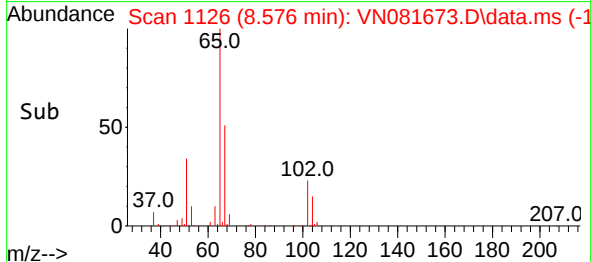
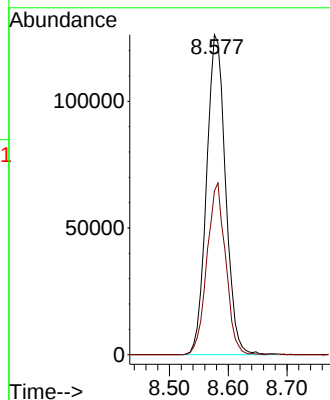
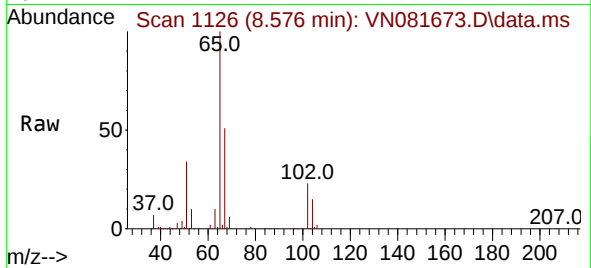
67 52.7 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2024

Supervised By :Semsettin Yesilyurt 04/09/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081673.D

Acq: 08 Apr 2024 13:41

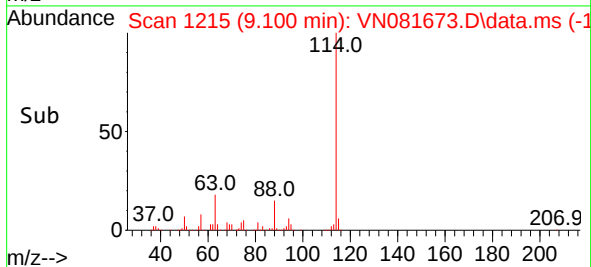
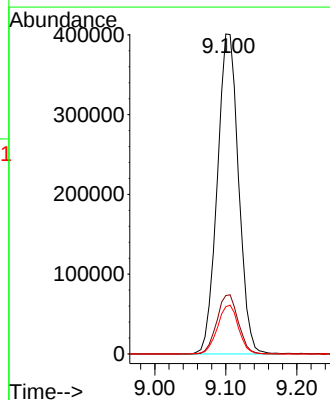
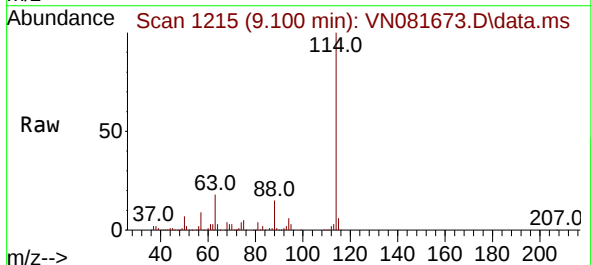
Tgt Ion:114 Resp: 832181

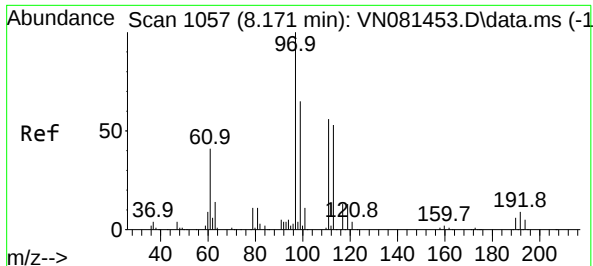
Ion Ratio Lower Upper

114 100

63 18.2 0.0 48.0

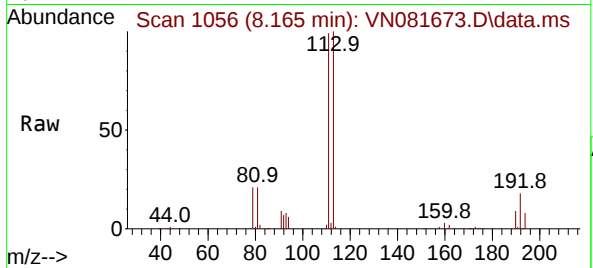
88 14.7 0.0 34.8





#35
Dibromofluoromethane
Concen: 48.770 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

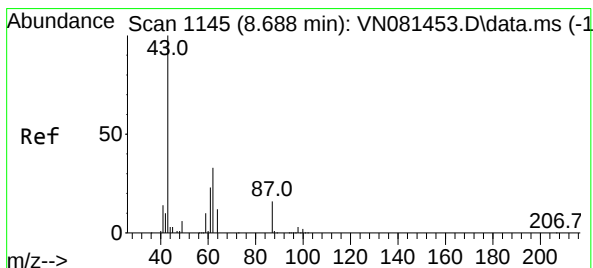
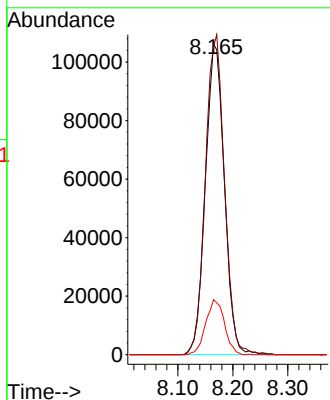
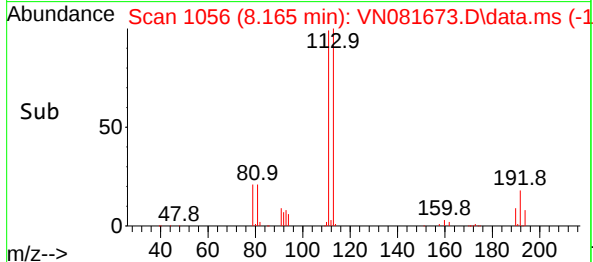
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113



Tgt Ion: 113 Resp: 25613
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.4 12.5 18.7

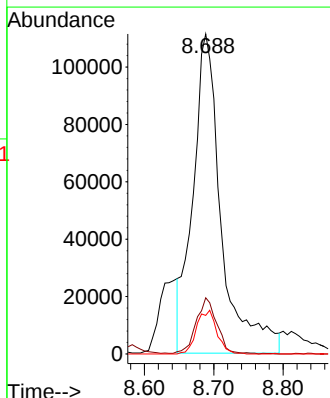
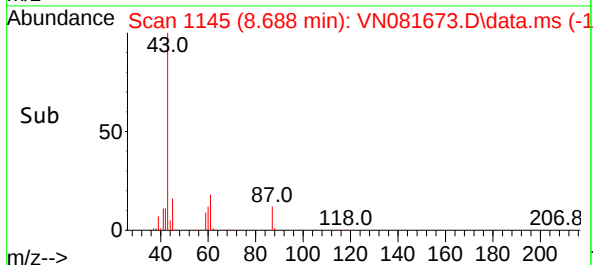
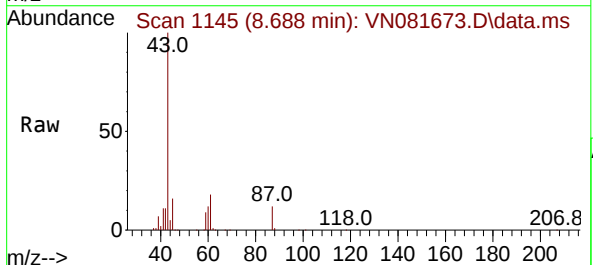
Manual Integrations
APPROVED

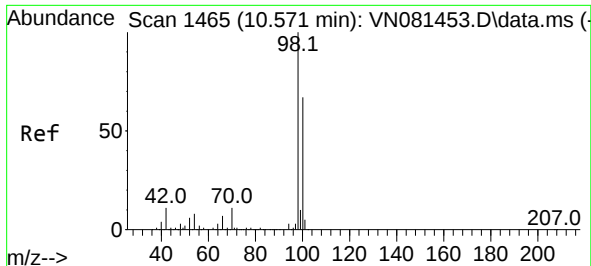
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#43
Isopropyl Acetate
Concen: 25.283 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

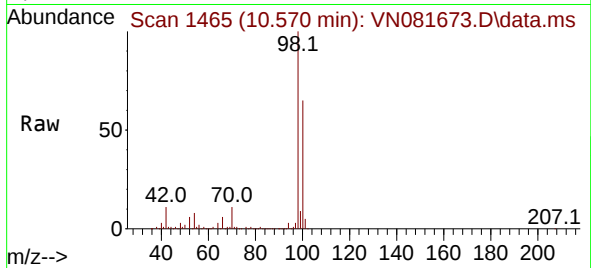
Tgt Ion: 43 Resp: 317174
Ion Ratio Lower Upper
43 100
61 12.9 19.9 29.9#
87 9.7 9.0 13.6





#50
Toluene-d8
Concen: 53.806 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

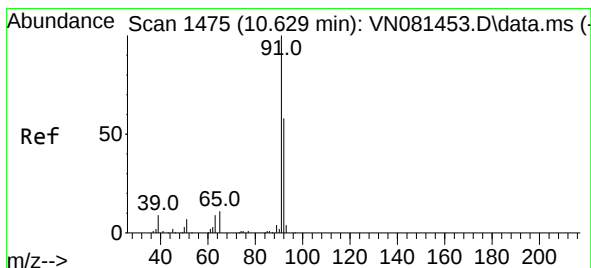
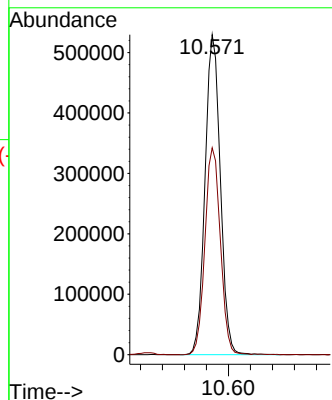
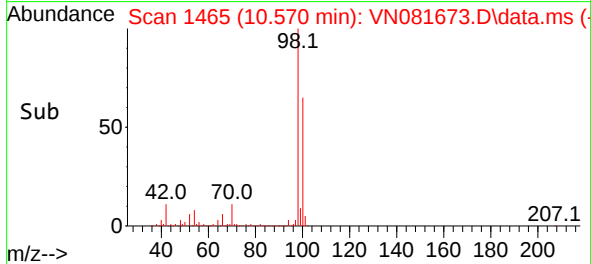
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113



Tgt Ion: 98 Resp: 1021510
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0

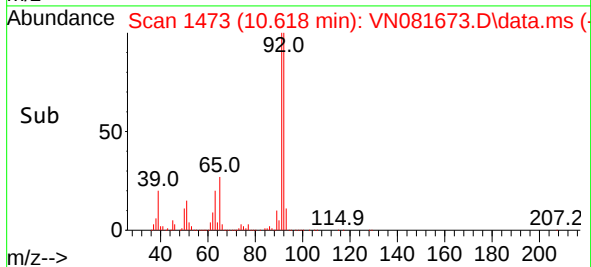
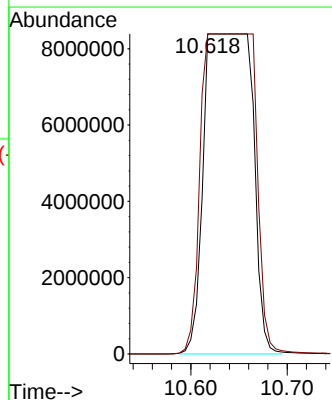
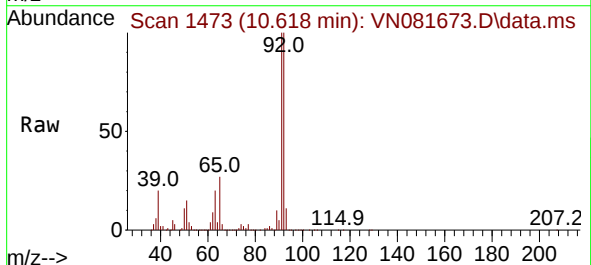
Manual Integrations
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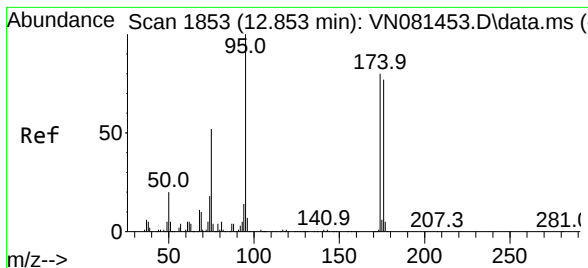
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#52
Toluene
Concen: 1775.007 ug/l m
RT: 10.618 min Scan# 1473
Delta R.T. -0.012 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

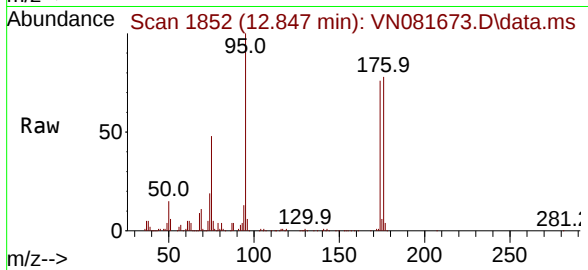
Tgt Ion: 92 Resp:29151746
Ion Ratio Lower Upper
92 100
91 0.0 139.4 209.0#





#62
4-Bromofluorobenzene
Concen: 50.707 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

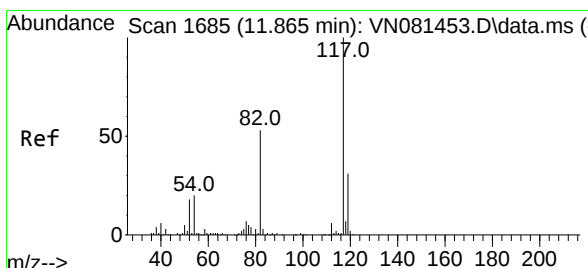
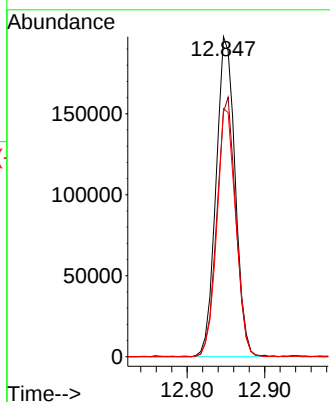
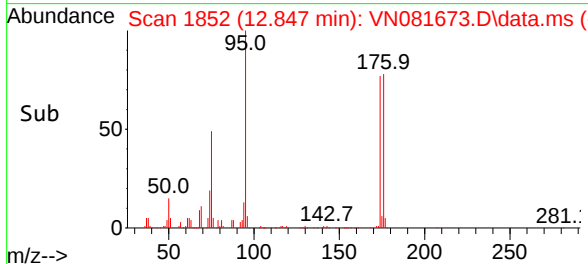
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113



Tgt Ion: 95 Resp: 339210
Ion Ratio Lower Upper
95 100
174 79.5 0.0 120.4
176 76.8 0.0 121.0

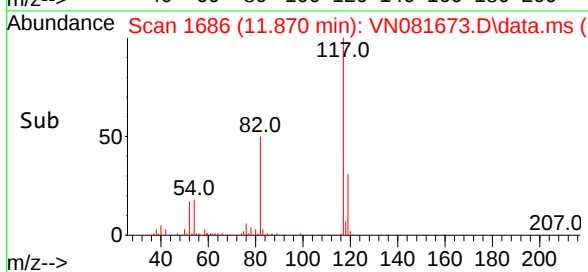
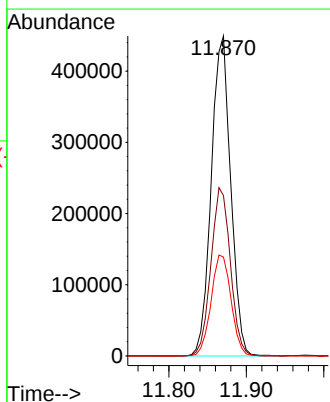
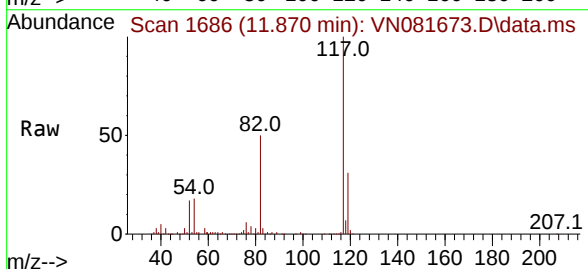
Manual Integrations
APPROVED

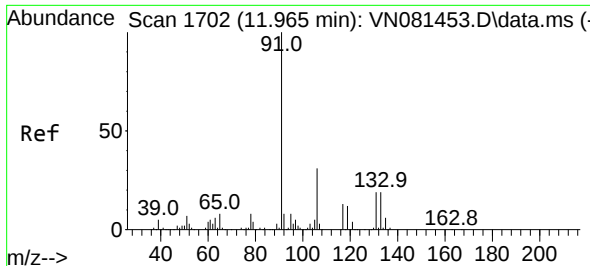
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion:117 Resp: 784237
Ion Ratio Lower Upper
117 100
82 50.1 52.7 79.1#
119 30.9 25.3 37.9





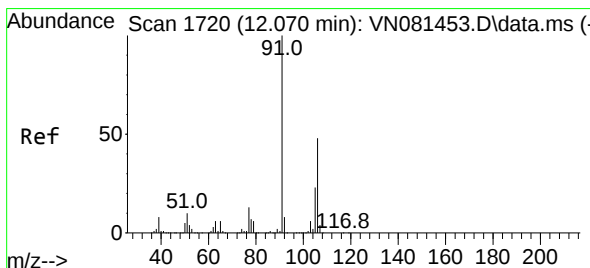
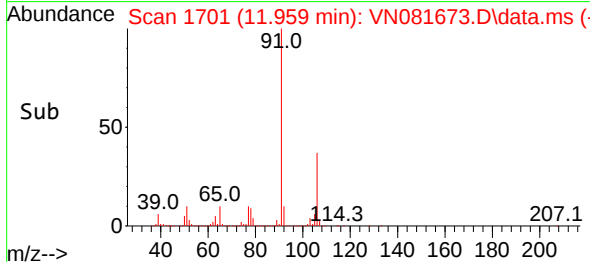
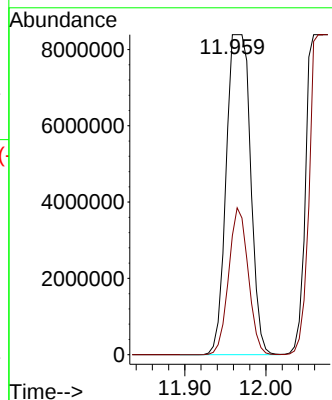
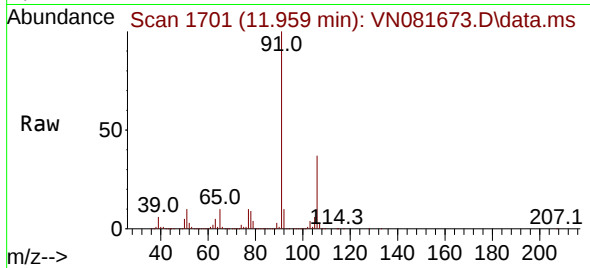
#67
Ethyl Benzene
Concen: 539.671 ug/l
RT: 11.959 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

Tgt Ion: 91 Resp:17379640
Ion Ratio Lower Upper
91 100
106 37.2 23.8 35.6

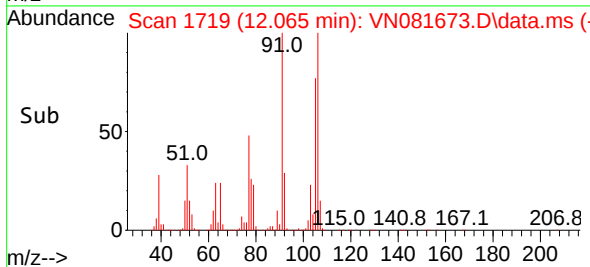
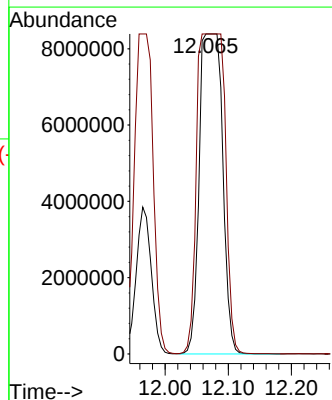
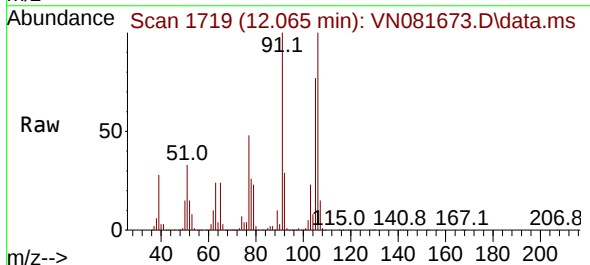
Manual Integrations
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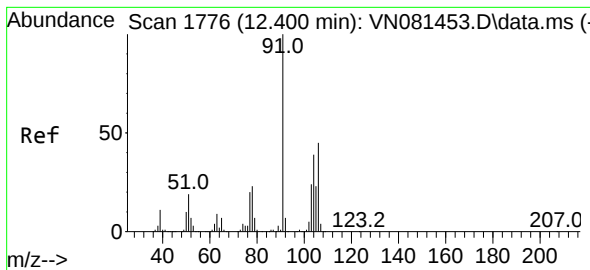
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024



#68
m/p-Xylenes
Concen: 1760.388 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

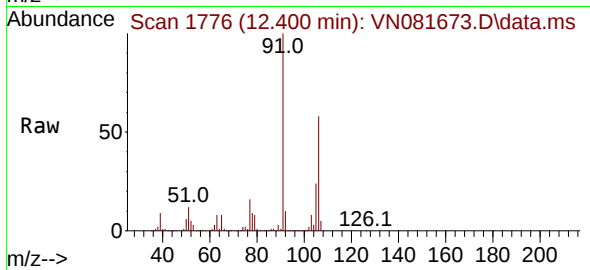
Tgt Ion:106 Resp:21252892
Ion Ratio Lower Upper
106 100
91 0.0 169.0 253.6#





#69
o-Xylene
Concen: 667.777 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

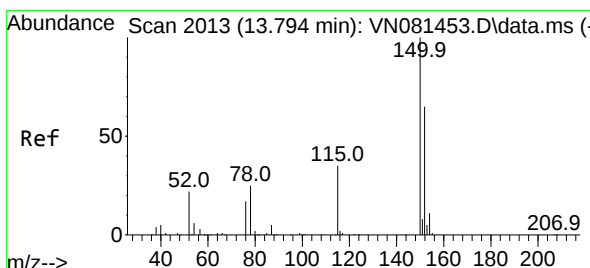
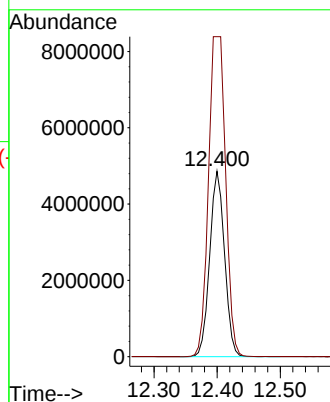
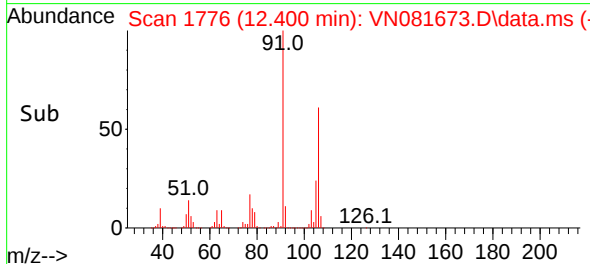
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113



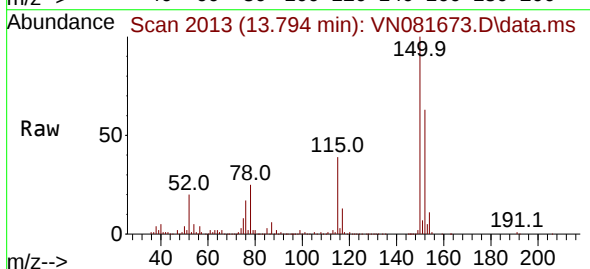
Tgt Ion:106 Resp: 791462
Ion Ratio Lower Upper
106 100
91 200.2 112.1 336.3

Manual Integrations
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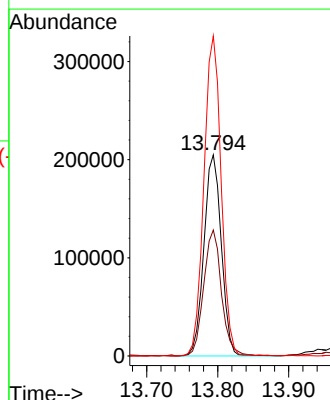
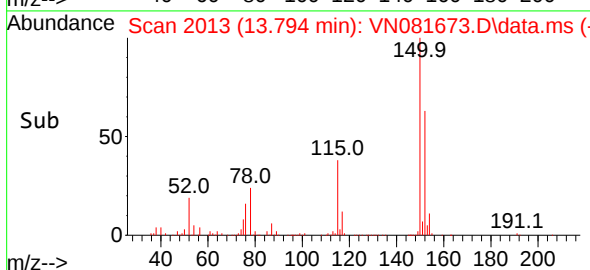
Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024

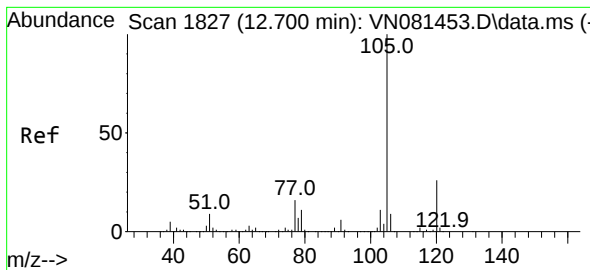


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41



Tgt Ion:152 Resp: 349745
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 157.5 0.0 339.8





#73

Isopropylbenzene

Concen: 2.145 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081673.D

Acq: 08 Apr 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

MOO-23-00113

Tgt Ion:105 Resp: 6394

Ion Ratio Lower Upper

105 100

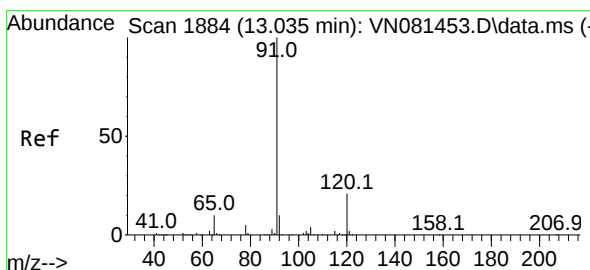
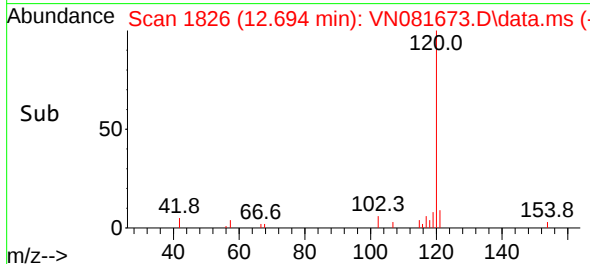
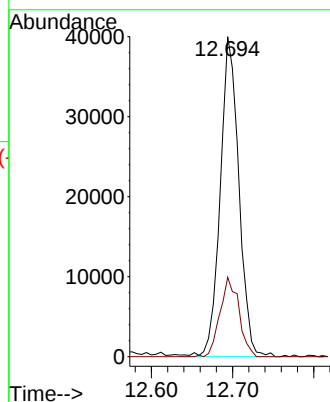
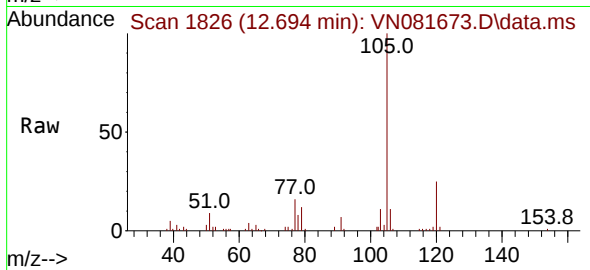
120 25.1 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/09/2024

Supervised By :Semsettin Yesilyurt 04/09/2024



#78

n-propylbenzene

Concen: 1.373 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VN081673.D

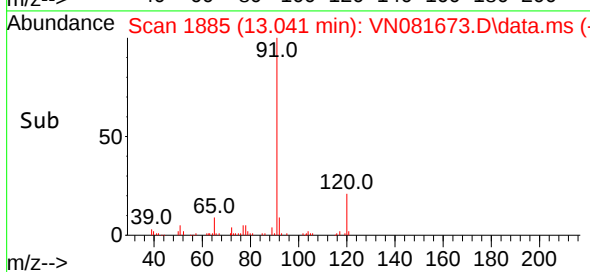
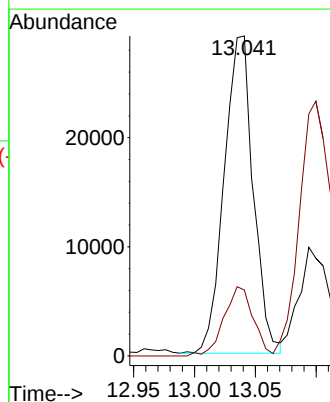
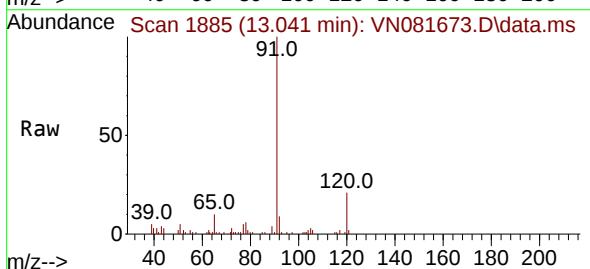
Acq: 08 Apr 2024 13:41

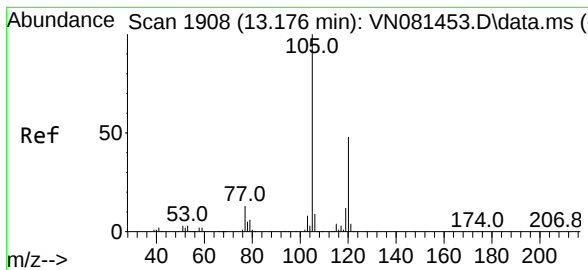
Tgt Ion: 91 Resp: 48328

Ion Ratio Lower Upper

91 100

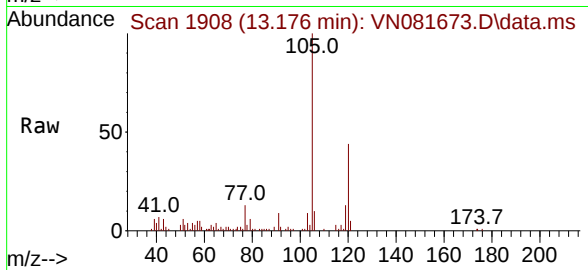
120 21.9 10.3 30.9





#80
 1,3,5-Trimethylbenzene
 Concen: 2.071 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VN081673.D
 Acq: 08 Apr 2024 13:41

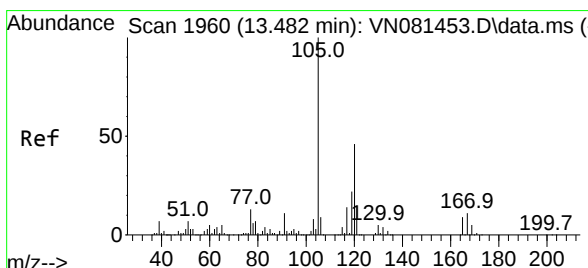
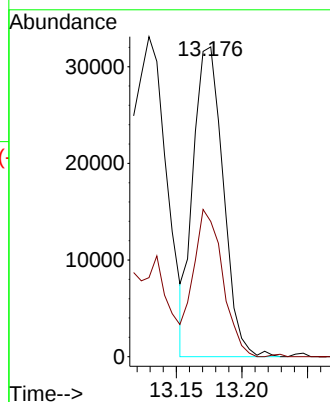
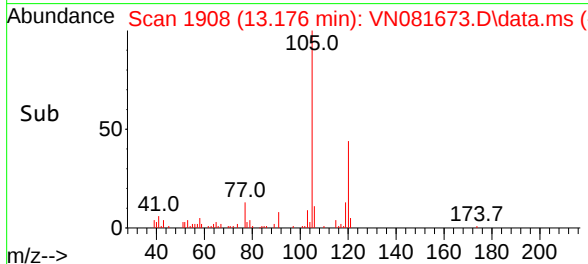
Instrument : MSVOA_N
 ClientSampleId : MOO-23-00113



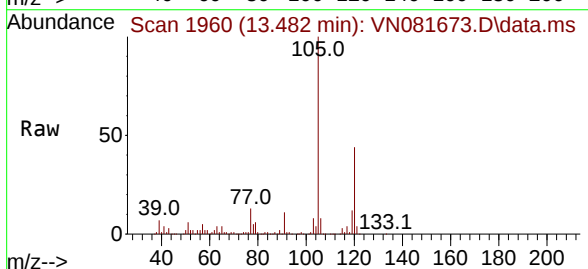
Tgt Ion:105 Resp: 51007
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.0 69.0

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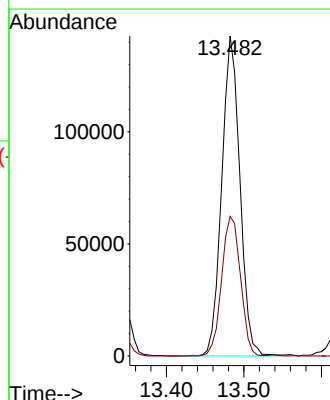
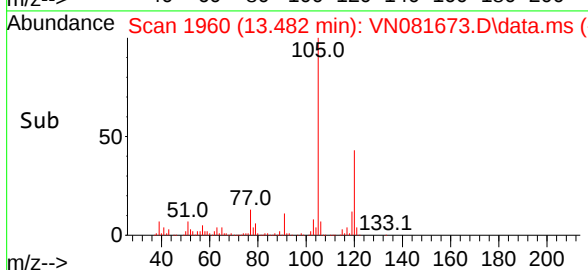
Reviewed By :John Carlone 04/09/2024
 Supervised By :Semsettin Yesilyurt 04/09/2024

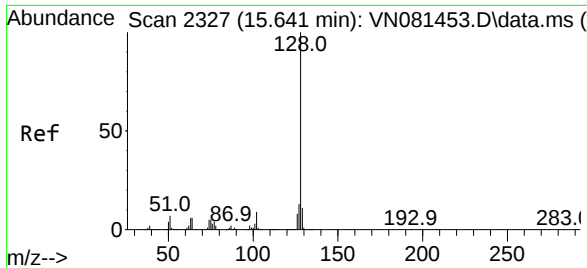


#84
 1,2,4-Trimethylbenzene
 Concen: 9.406 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN081673.D
 Acq: 08 Apr 2024 13:41



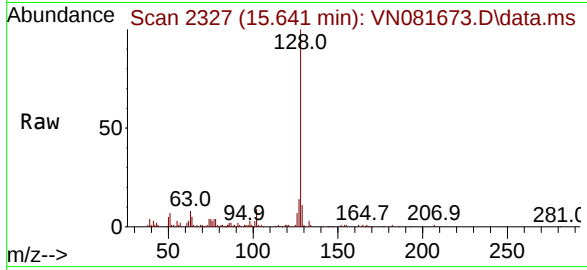
Tgt Ion:105 Resp: 232782
 Ion Ratio Lower Upper
 105 100
 120 45.1 20.9 62.7





#95
Naphthalene
Concen: 4.177 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113



Tgt Ion:128 Resp: 101924
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/09/2024
Supervised By :Semsettin Yesilyurt 04/09/2024

