

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081254.D
 Acq On : 28 Feb 2024 19:41
 Operator : JC\MD
 Sample : P1587-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1325

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/29/2024
 Supervised By : Mahesh Dadoda 02/29/2024

Quant Time: Feb 28 23:31:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	313128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	588721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	519693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	213165	55.540	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.080%			
35) Dibromofluoromethane	8.171	113	167173	50.217	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.440%			
50) Toluene-d8	10.571	98	638256	53.980	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.960%			
62) 4-Bromofluorobenzene	12.853	95	222268	50.028	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.060%			
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	4824	3.194	ug/l #	67
29) Tetrahydrofuran	7.853	42	2068	1.270	ug/l #	76
40) Benzene	8.606	78	7501	0.454	ug/l #	90
52) Toluene	10.629	92	410788	39.306	ug/l	97
67) Ethyl Benzene	11.965	91	232388	11.546	ug/l	99
68) m/p-Xylenes	12.071	106	570351	73.931	ug/l	98
69) o-Xylene	12.400	106	279902	36.602	ug/l	96
73) Isopropylbenzene	12.694	105	20350	1.044	ug/l	99
78) n-propylbenzene	13.041	91	42136	1.878	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	123795	7.833	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	487267	30.941	ug/l	95
85) sec-Butylbenzene	13.612	105	4678m	0.246	ug/l	
95) Naphthalene	15.641	128	110365	6.816	ug/l	98

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

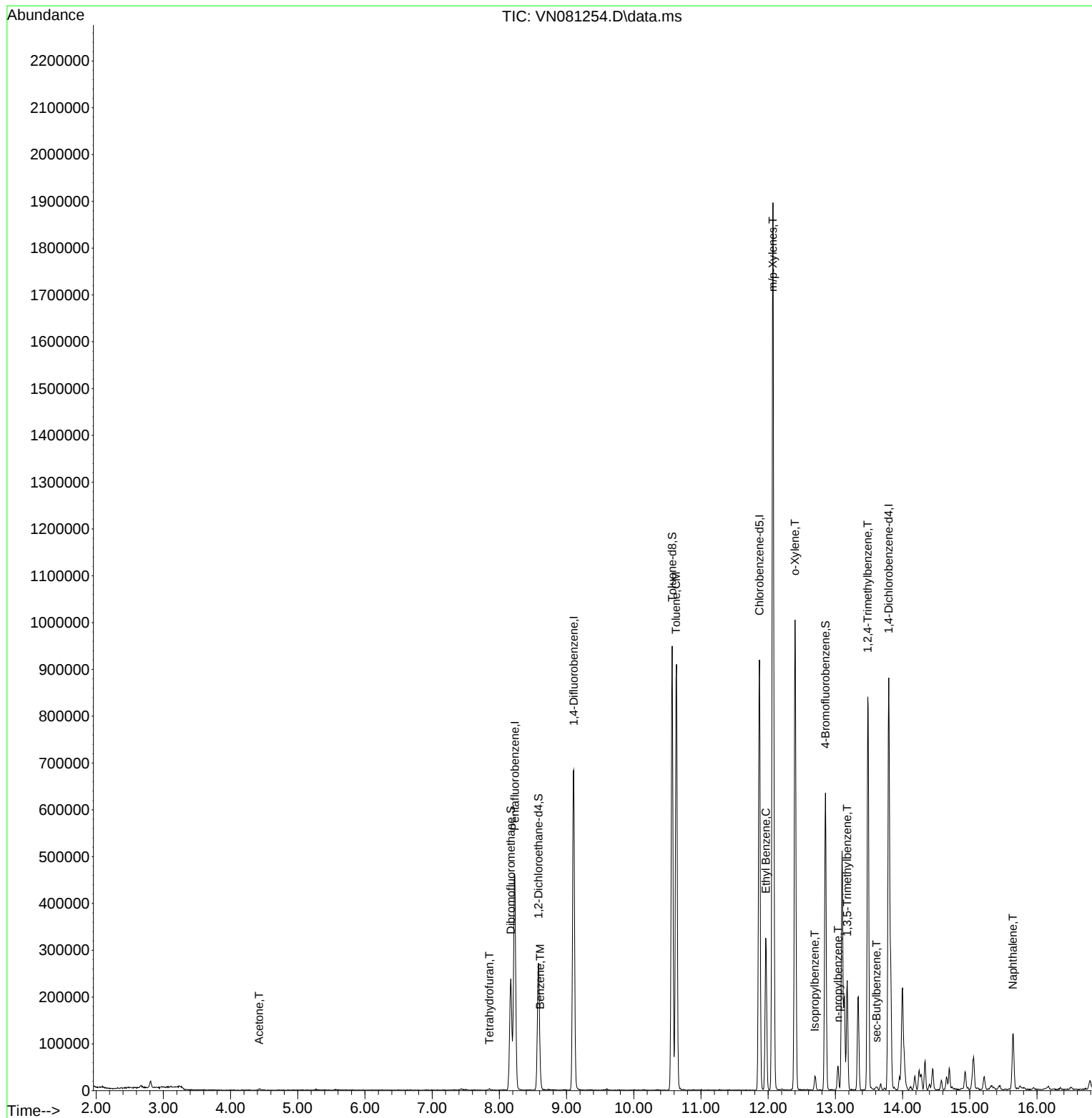
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
Data File : VN081254.D
Acq On : 28 Feb 2024 19:41
Operator : JC\MD
Sample : P1587-05 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

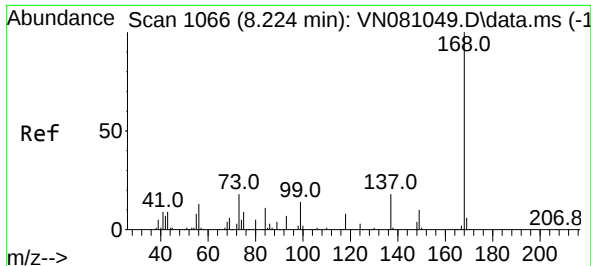
Instrument :
MSVOA_N
ClientSampleId :
1325

Manual Integrations
APPROVED

Reviewed By : John Carlone 02/29/2024
Supervised By : Mahesh Dadoda 02/29/2024

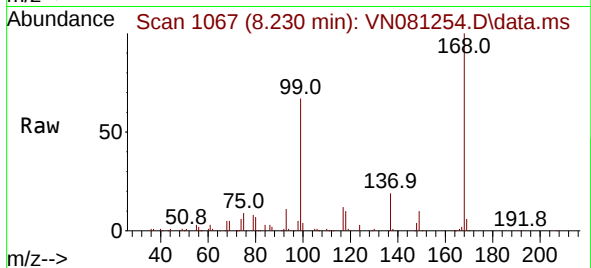
Quant Time: Feb 28 23:31:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

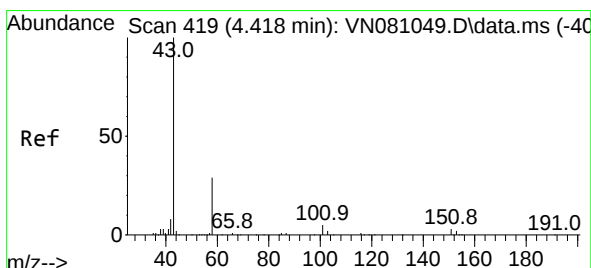
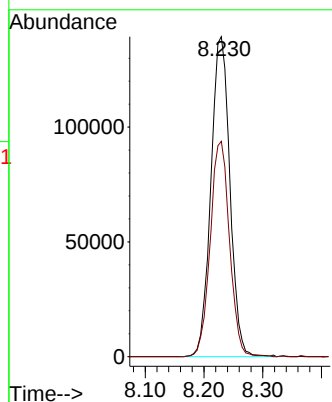
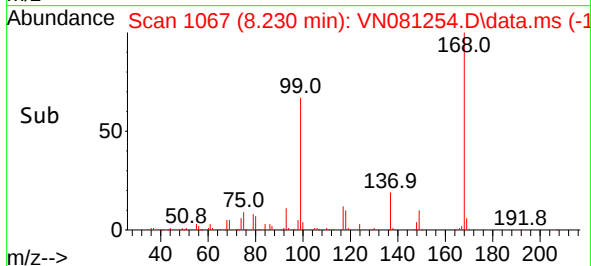
Instrument :
MSVOA_N
ClientSampleId :
1325



Tgt Ion:168 Resp: 313128
Ion Ratio Lower Upper
168 100
99 67.3 59.9 89.9

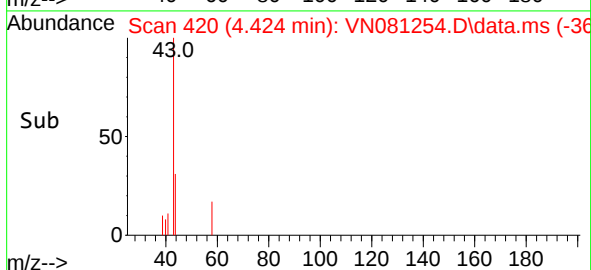
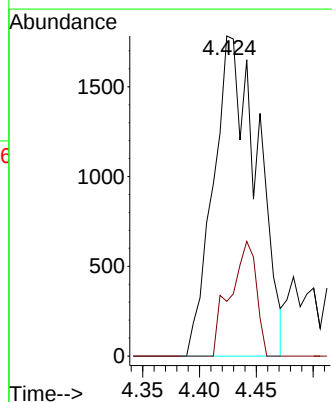
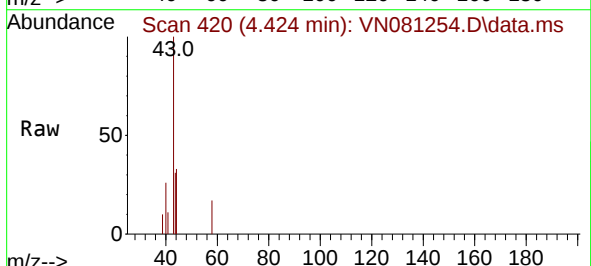
Manual Integrations
APPROVED

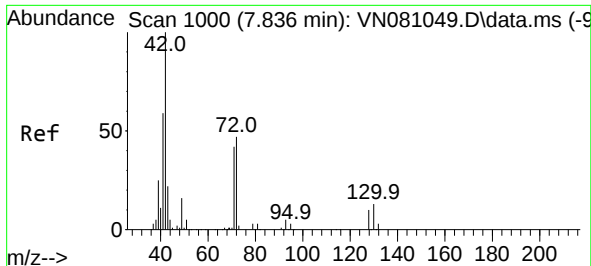
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#16
Acetone
Concen: 3.194 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

Tgt Ion: 43 Resp: 4824
Ion Ratio Lower Upper
43 100
58 13.0 24.8 37.2#





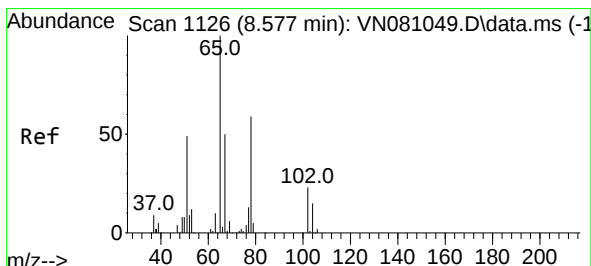
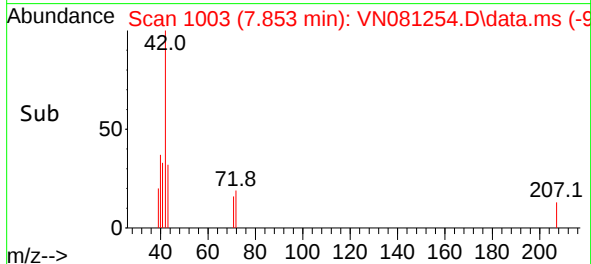
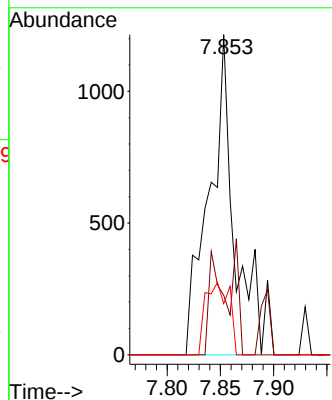
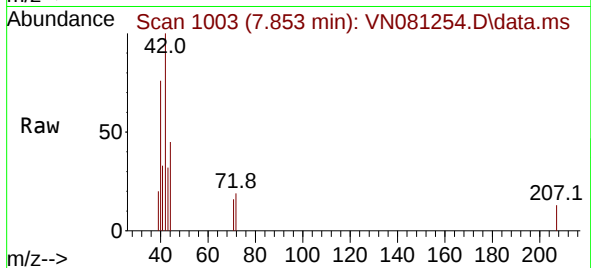
#29
Tetrahydrofuran
Concen: 1.270 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
1325

Tgt Ion: 42 Resp: 2068
Ion Ratio Lower Upper
42 100
72 25.1 31.1 46.7
71 20.4 28.3 42.5

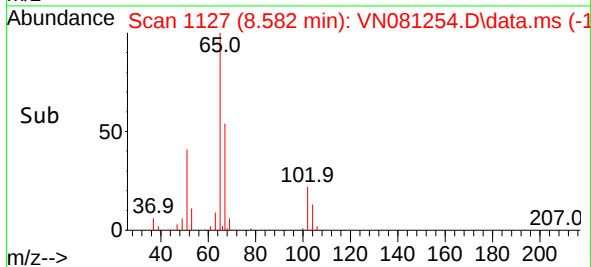
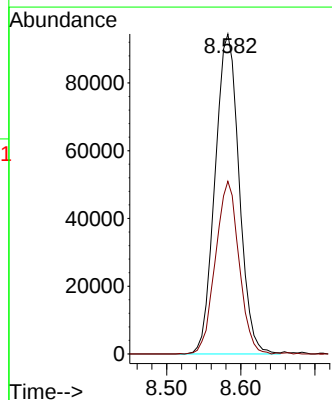
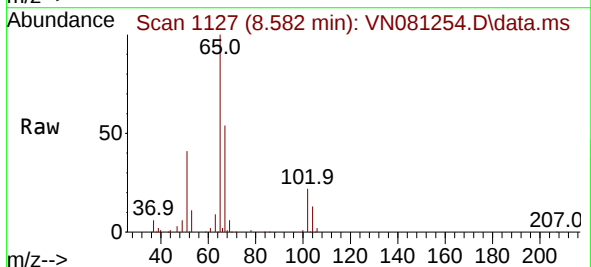
Manual Integrations
APPROVED

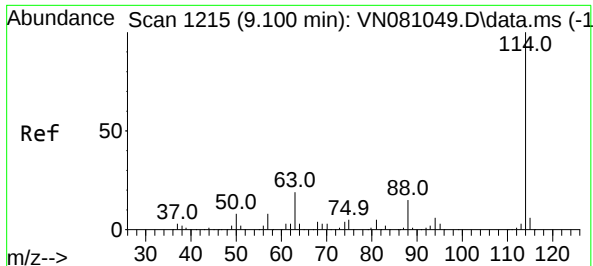
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#33
1,2-Dichloroethane-d4
Concen: 55.540 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

Tgt Ion: 65 Resp: 213165
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11325

Delta R.T. 0.006 min

Lab File: VN081254.D

Acq: 28 Feb 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

1325

Tgt Ion:114 Resp: 58872

Ion Ratio Lower Upper

114 100

63 20.9 0.0 48.0

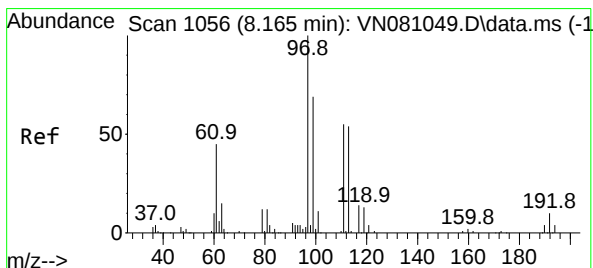
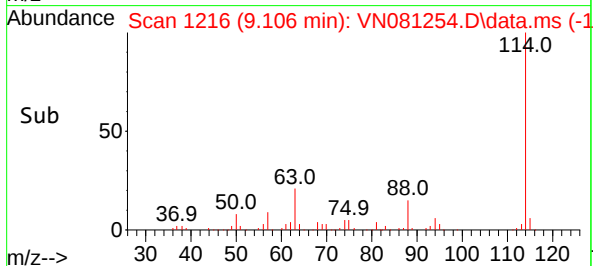
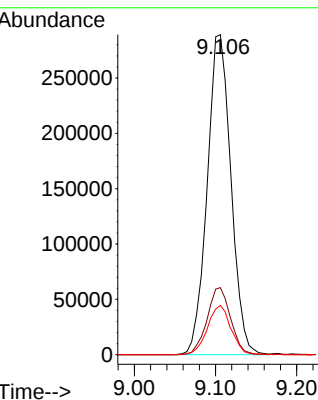
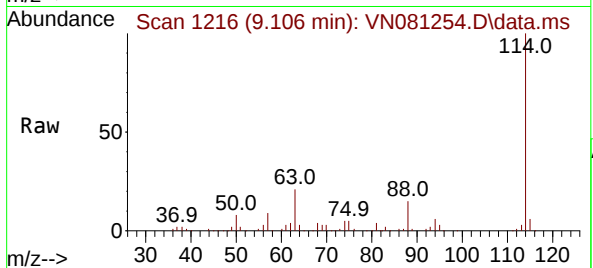
88 15.4 0.0 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#35

Dibromofluoromethane

Concen: 50.217 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081254.D

Acq: 28 Feb 2024 19:41

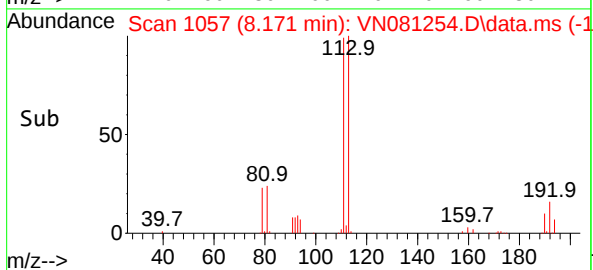
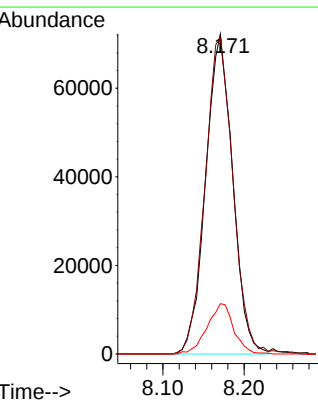
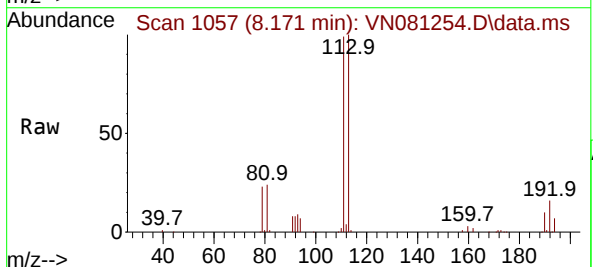
Tgt Ion:113 Resp: 167173

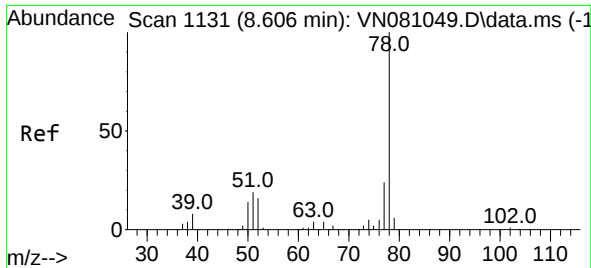
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 15.4 12.5 18.7





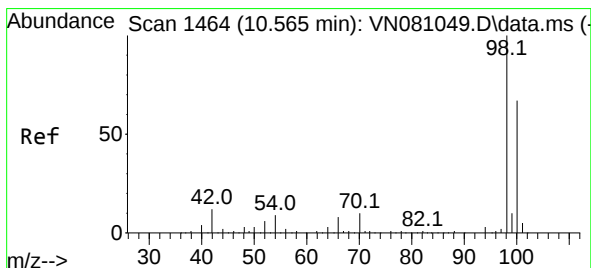
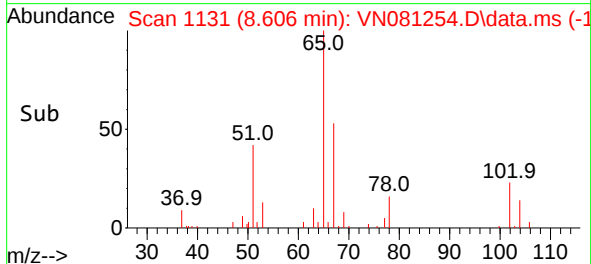
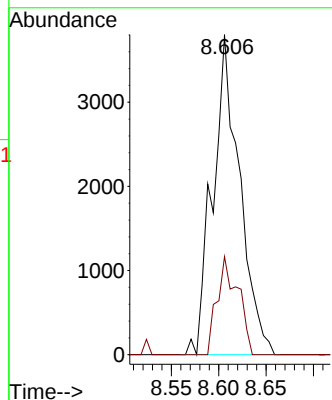
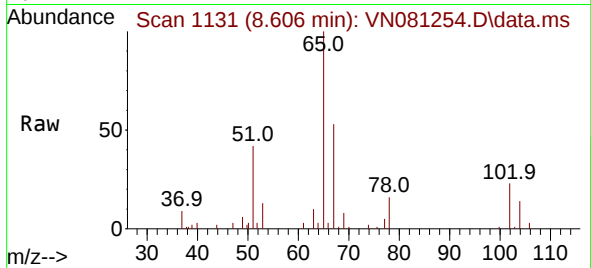
#40
Benzene
Concen: 0.454 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
1325

Tgt Ion: 78 Resp: 750
Ion Ratio Lower Upper
78 100
77 30.7 20.4 30.6

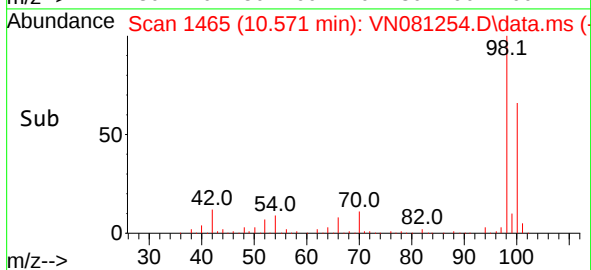
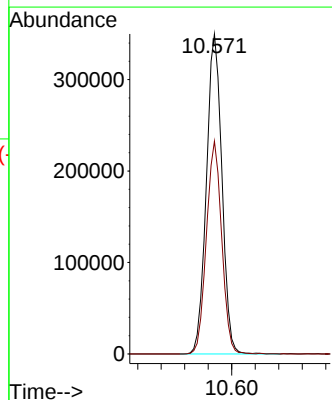
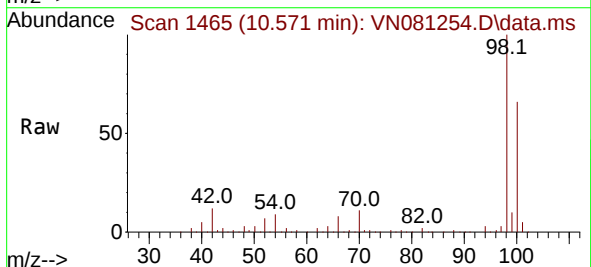
Manual Integrations
APPROVED

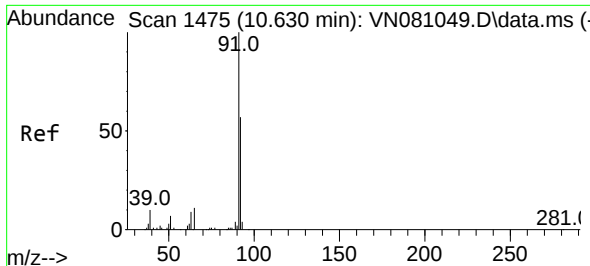
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#50
Toluene-d8
Concen: 53.980 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

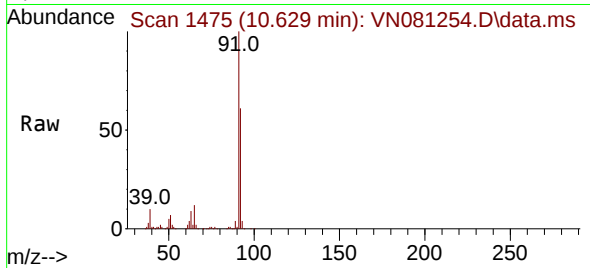
Tgt Ion: 98 Resp: 638256
Ion Ratio Lower Upper
98 100
100 65.6 51.4 77.0





#52
Toluene
Concen: 39.306 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

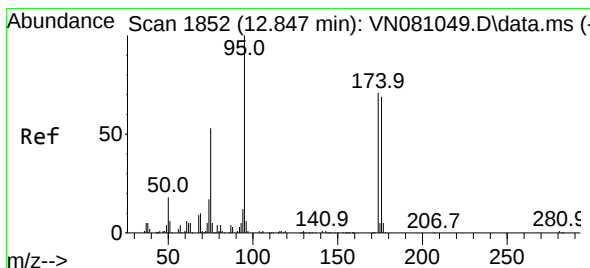
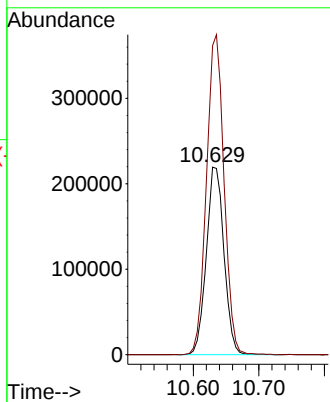
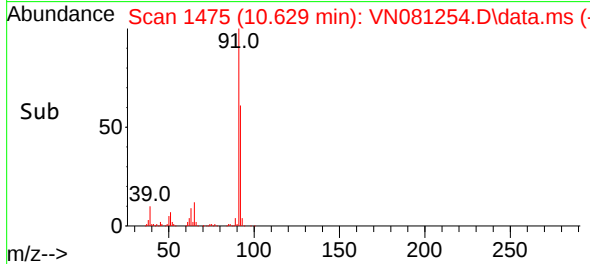
Instrument :
MSVOA_N
ClientSampleId :
1325



Tgt Ion: 92 Resp: 410788
Ion Ratio Lower Upper
92 100
91 169.6 139.4 209.0

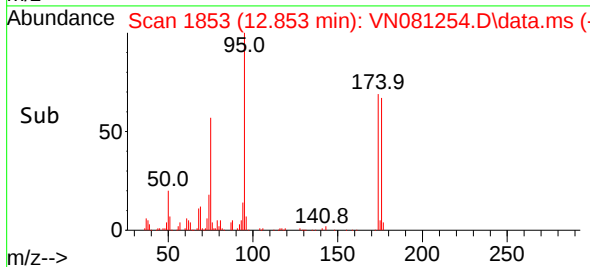
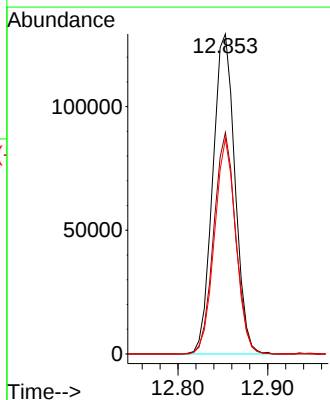
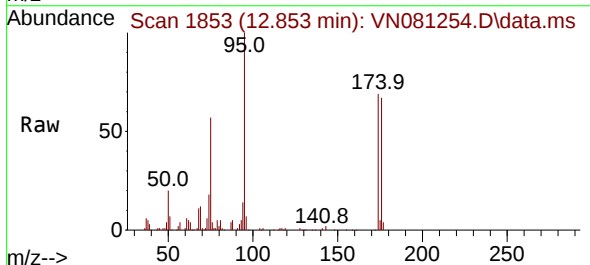
Manual Integrations
APPROVED

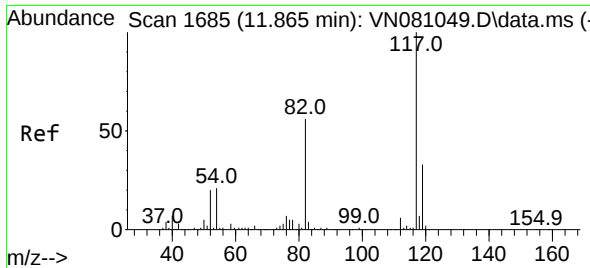
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#62
4-Bromofluorobenzene
Concen: 50.028 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

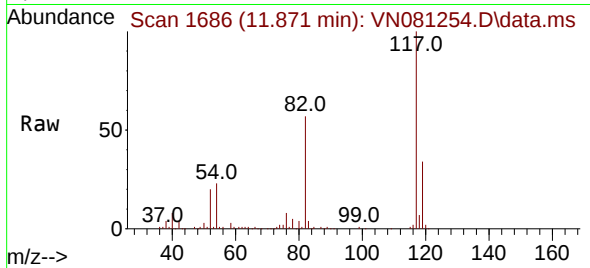
Tgt Ion: 95 Resp: 222268
Ion Ratio Lower Upper
95 100
174 68.1 0.0 120.4
176 64.5 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11325
Delta R.T. 0.006 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

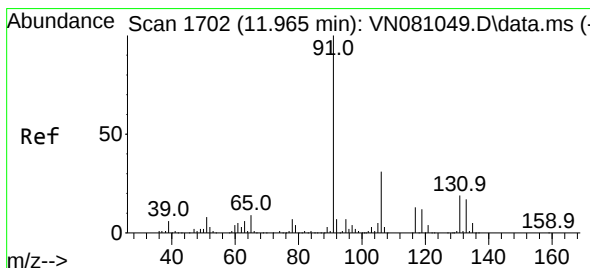
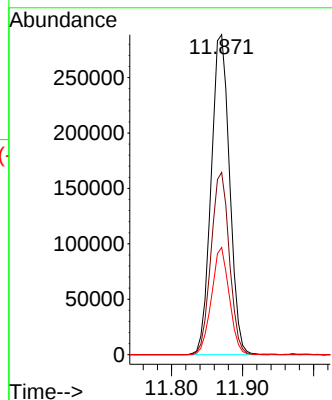
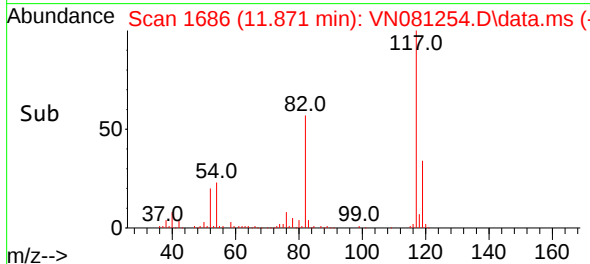
Instrument :
MSVOA_N
ClientSampleId :
1325



Tgt Ion:117 Resp: 51969
Ion Ratio Lower Upper
117 100
82 57.0 52.7 79.1
119 33.5 25.3 37.9

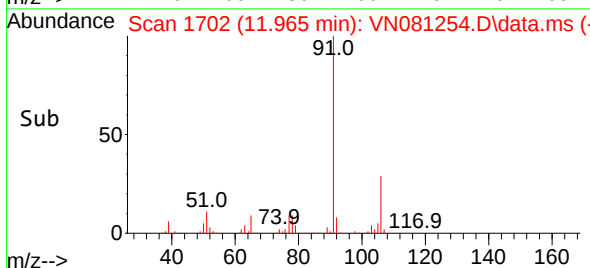
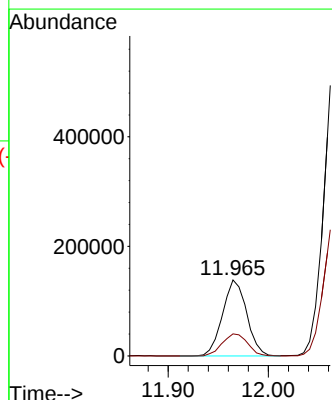
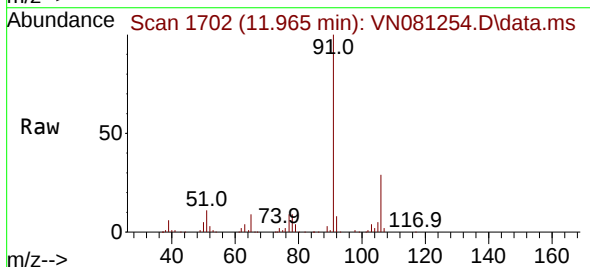
Manual Integrations
APPROVED

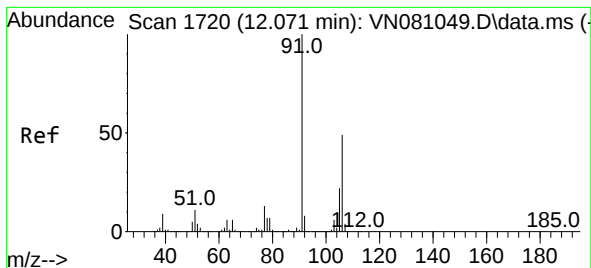
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#67
Ethyl Benzene
Concen: 11.546 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

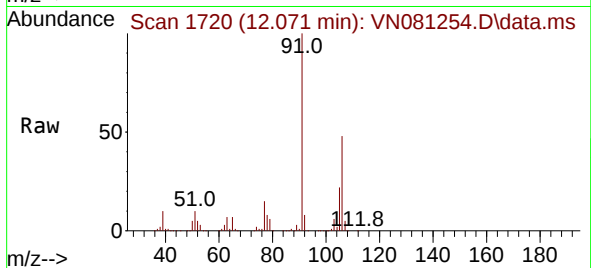
Tgt Ion: 91 Resp: 232388
Ion Ratio Lower Upper
91 100
106 29.1 23.8 35.6





#68
m/p-Xylenes
Concen: 73.931 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

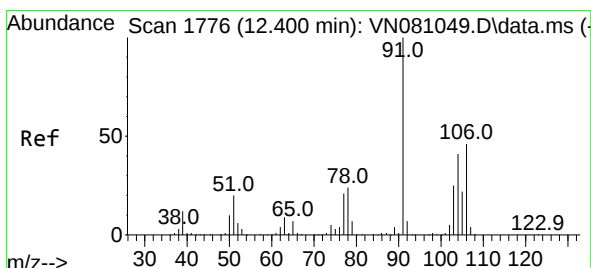
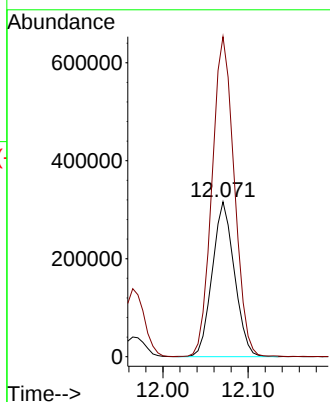
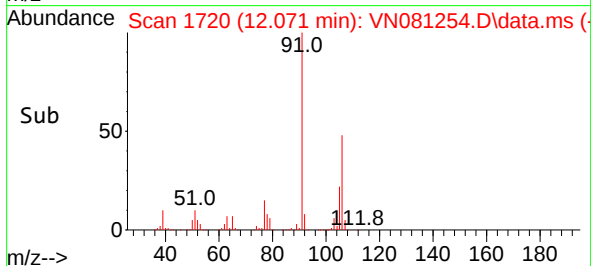
Instrument :
MSVOA_N
ClientSampleId :
1325



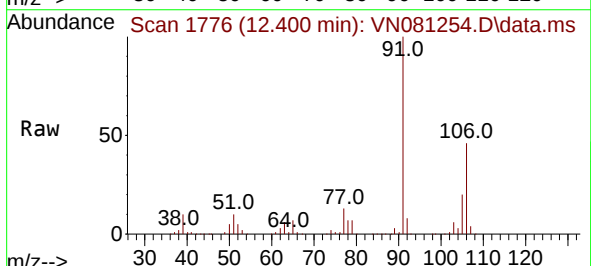
Tgt Ion:106 Resp: 57035
Ion Ratio Lower Upper
106 100
91 207.7 169.0 253.6

Manual Integrations
APPROVED

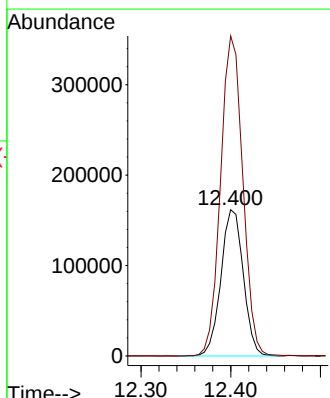
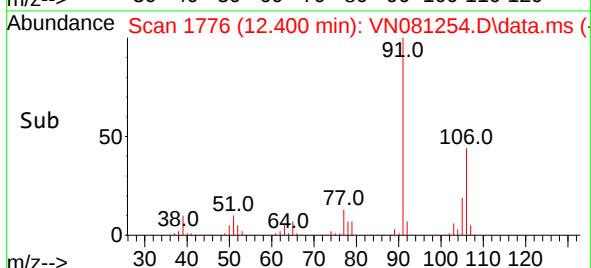
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

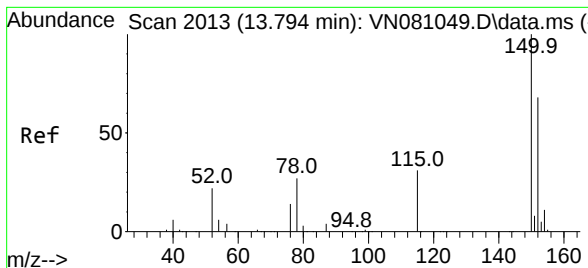


#69
o-Xylene
Concen: 36.602 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41



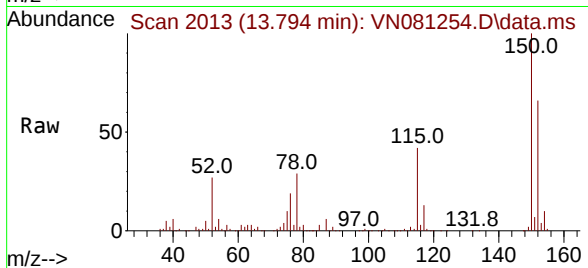
Tgt Ion:106 Resp: 279902
Ion Ratio Lower Upper
106 100
91 217.9 112.1 336.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

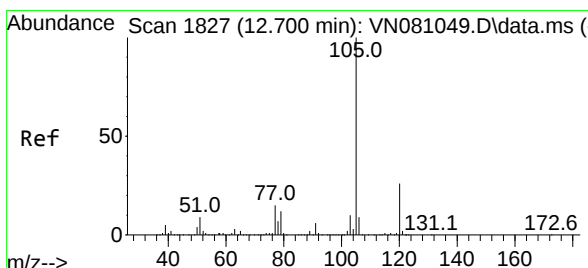
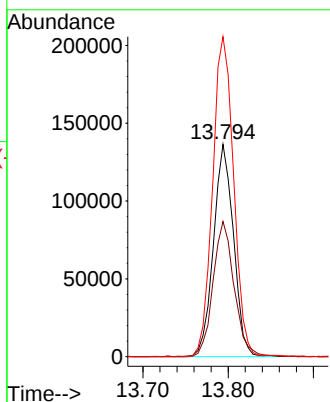
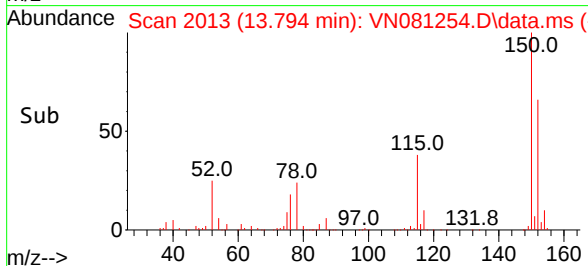
Instrument :
MSVOA_N
ClientSampleId :
1325



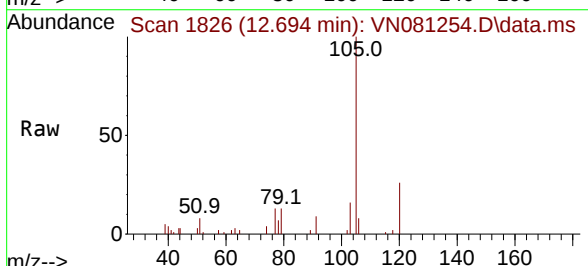
Tgt Ion:152 Resp: 22278
Ion Ratio Lower Upper
152 100
115 67.3 32.3 96.8
150 158.1 0.0 339.8

Manual Integrations
APPROVED

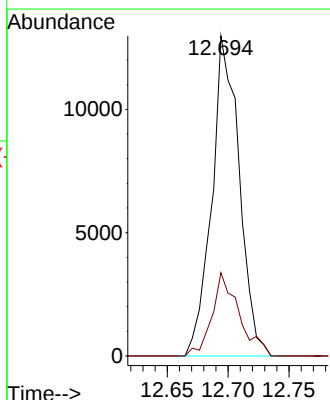
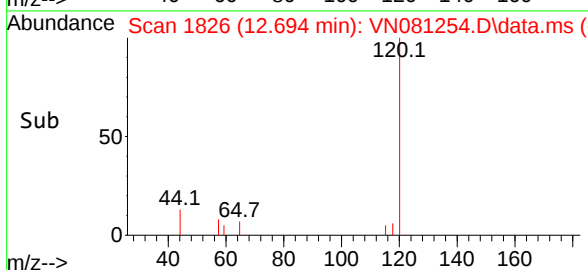
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

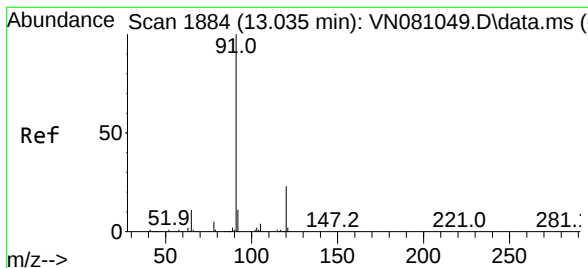


#73
Isopropylbenzene
Concen: 1.044 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41



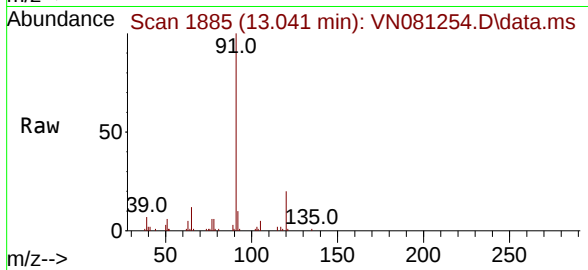
Tgt Ion:105 Resp: 20350
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.6





#78
n-propylbenzene
Concen: 1.878 ug/l
RT: 13.041 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

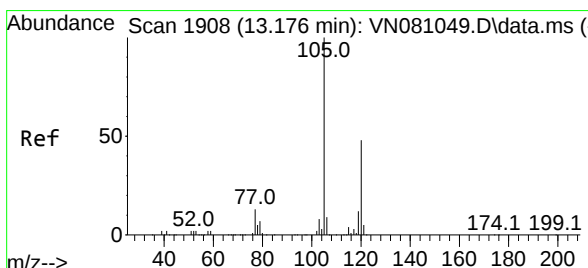
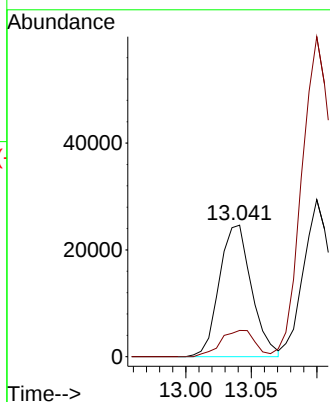
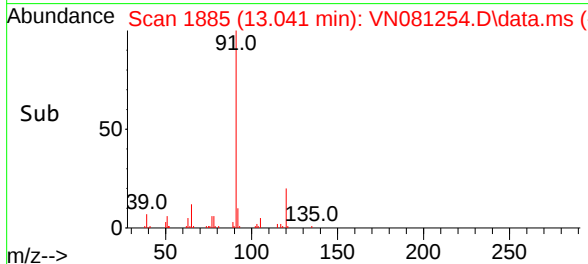
Instrument :
MSVOA_N
ClientSampleId :
1325



Tgt Ion: 91 Resp: 42130
Ion Ratio Lower Upper
91 100
120 21.3 10.3 30.9

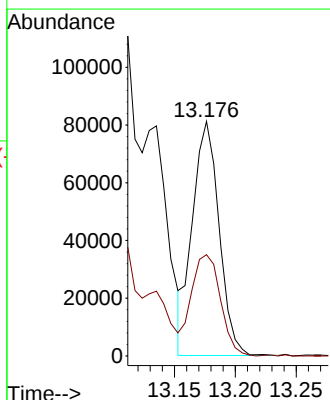
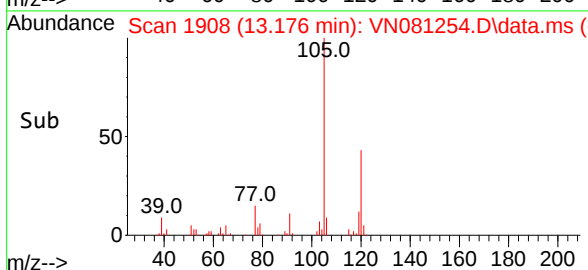
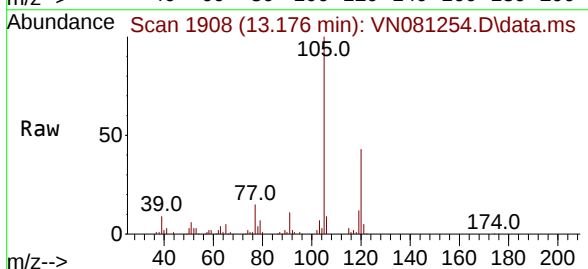
Manual Integrations
APPROVED

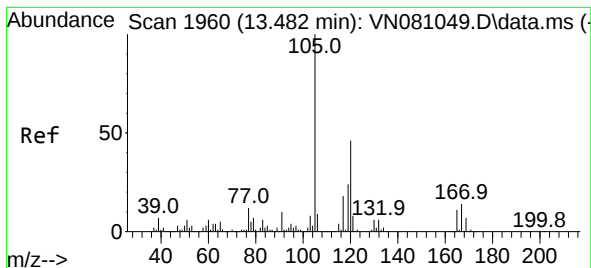
Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024



#80
1,3,5-Trimethylbenzene
Concen: 7.833 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

Tgt Ion:105 Resp: 123795
Ion Ratio Lower Upper
105 100
120 47.4 23.0 69.0





#84

1,2,4-Trimethylbenzene

Concen: 30.941 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081254.D

Acq: 28 Feb 2024 19:41

Instrument :

MSVOA_N

ClientSampleId :

1325

Tgt Ion:105 Resp: 48726

Ion Ratio Lower Upper

105 100

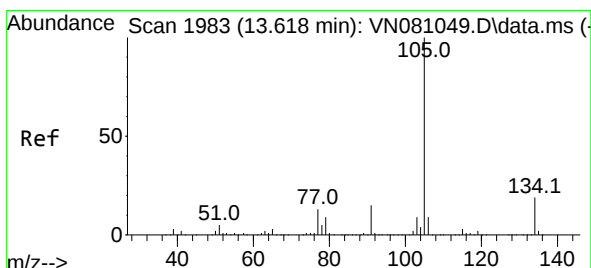
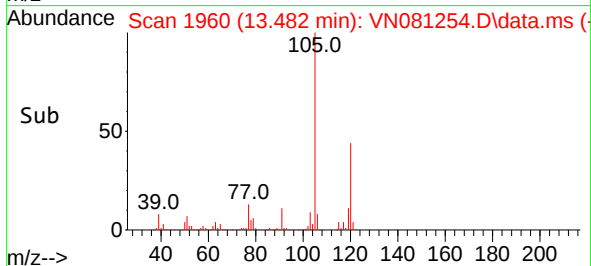
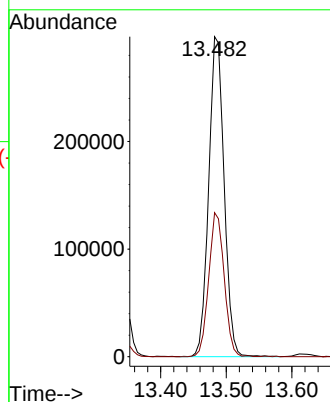
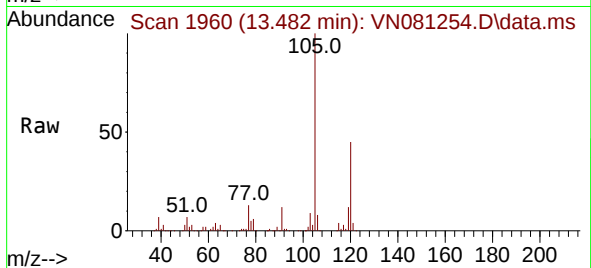
120 45.1 20.9 62.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/29/2024

Supervised By :Mahesh Dadoda 02/29/2024



#85

sec-Butylbenzene

Concen: 0.246 ug/l m

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN081254.D

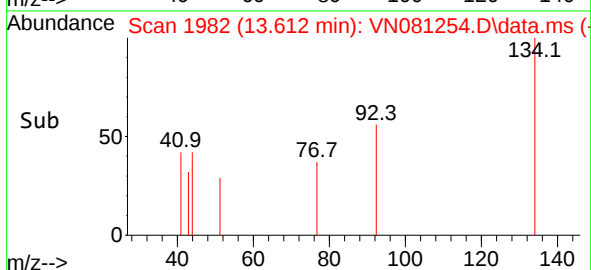
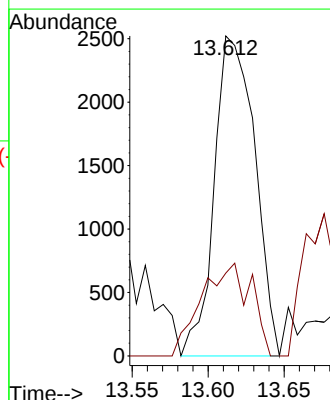
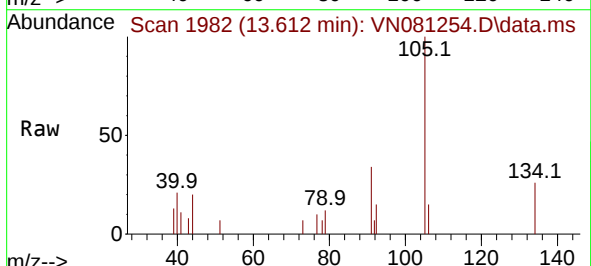
Acq: 28 Feb 2024 19:41

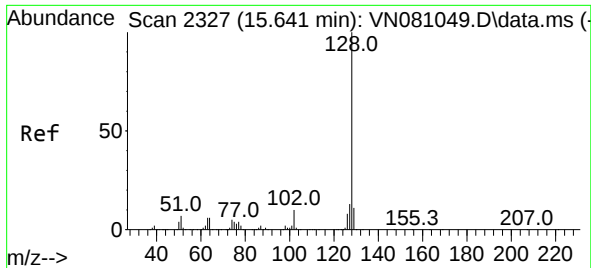
Tgt Ion:105 Resp: 4678

Ion Ratio Lower Upper

105 100

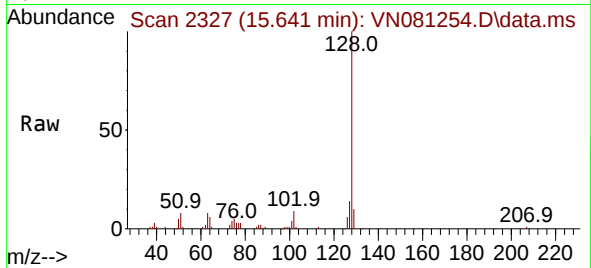
134 0.0 8.6 25.8#





#95
Naphthalene
Concen: 6.816 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081254.D
Acq: 28 Feb 2024 19:41

Instrument :
MSVOA_N
ClientSampleId :
1325



Tgt Ion:128 Resp: 11036
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/29/2024
Supervised By :Mahesh Dadoda 02/29/2024

