

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082759.D
 Acq On : 01 Jul 2024 12:39
 Operator : JC\MD
 Sample : P3106-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50370

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/02/2024
 Supervised By :Mahesh Dadoda 07/02/2024

Quant Time: Jul 02 00:05:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	80416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	156034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	155757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	64744	52.207	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.420%			
35) Dibromofluoromethane	8.165	113	51679	50.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.600%			
50) Toluene-d8	10.571	98	208584	54.291	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.580%			
62) 4-Bromofluorobenzene	12.847	95	78573	59.552	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 119.100%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.548	59	27032	136.464	ug/l	100
16) Acetone	4.448	43	685891	1459.788	ug/l	92
18) Methyl Acetate	5.042	43	16091	12.882	ug/l #	91
19) Methyl tert-butyl Ether	5.800	73	503190	168.980	ug/l	99
22) Diisopropyl ether	6.677	45	147774	47.071	ug/l	96
25) 2-Butanone	7.489	43	238676m	332.492	ug/l	
31) Cyclohexane	8.253	56	13495	7.723	ug/l	97
37) Ethyl Acetate	7.565	43	9346293	5856.336	ug/l #	93
39) Methylcyclohexane	9.600	83	3501	2.284	ug/l	85
40) Benzene	8.606	78	6904665	1425.390	ug/l	99
52) Toluene	10.635	92	7922844	2785.374	ug/l	95
59) 2-Hexanone	11.200	43	12594	10.405	ug/l	100
67) Ethyl Benzene	11.965	91	949948	164.744	ug/l	99
68) m/p-Xylenes	12.071	106	1404097	654.437	ug/l	95
69) o-Xylene	12.400	106	731964	354.002	ug/l	94
73) Isopropylbenzene	12.694	105	28289	4.768	ug/l	98
78) n-propylbenzene	13.035	91	87467	12.485	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	139641	28.650	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	679051	140.956	ug/l	98
89) n-Butylbenzene	14.059	91	6067	1.488	ug/l #	79
95) Naphthalene	15.641	128	345551	79.476	ug/l	100

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

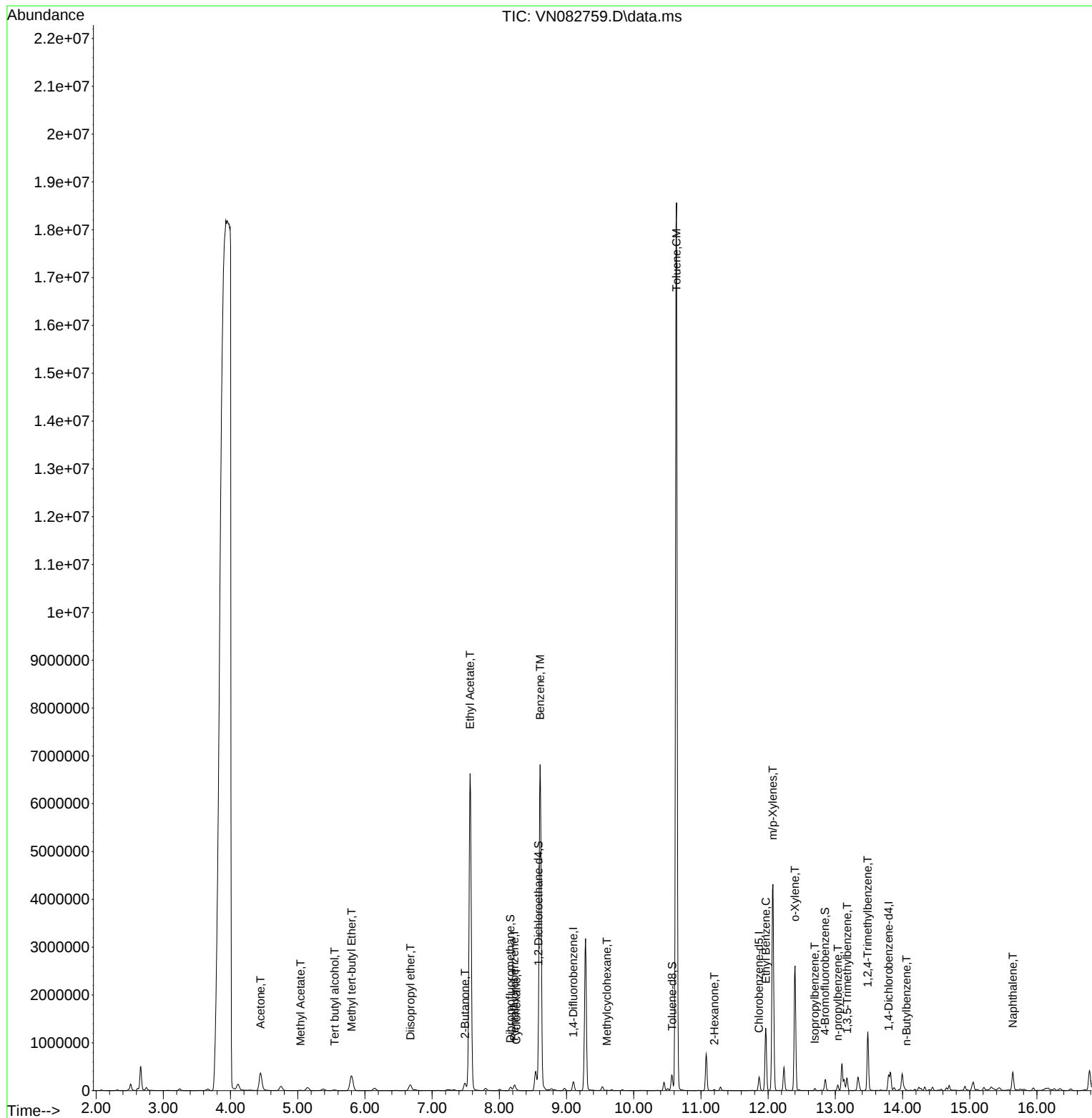
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
Data File : VN082759.D
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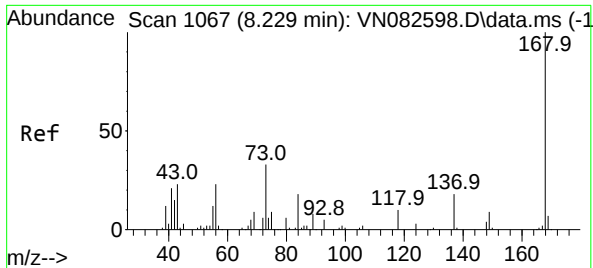
Instrument :
MSVOA_N
ClientSampleId :
50370

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
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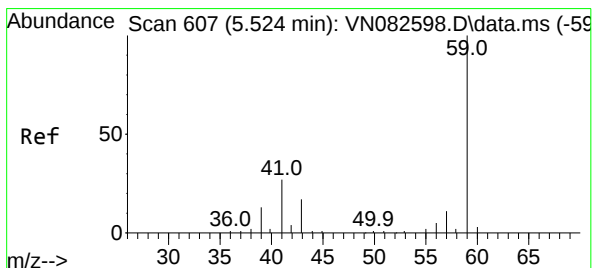
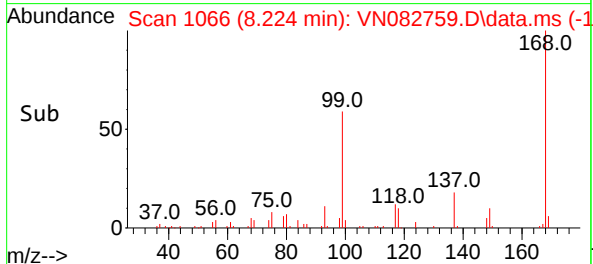
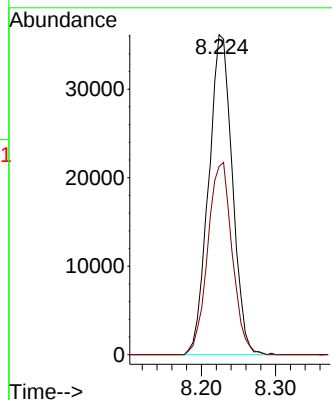
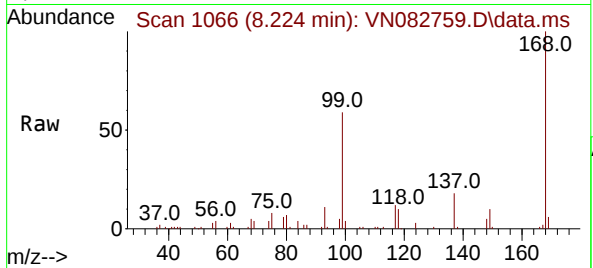
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
50370

Tgt Ion:168 Resp: 80410
Ion Ratio Lower Upper
168 100
99 58.8 48.2 72.4

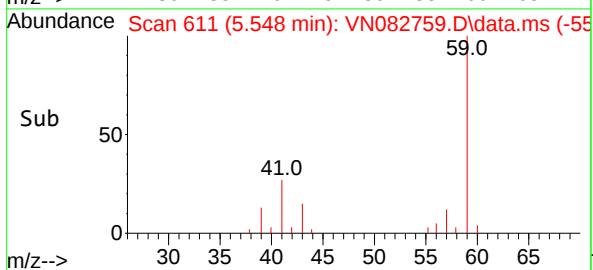
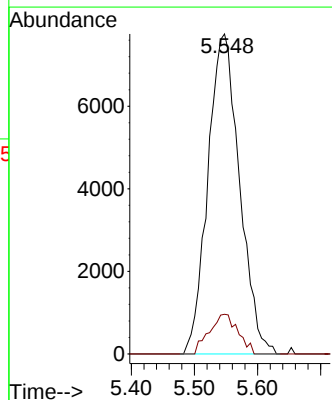
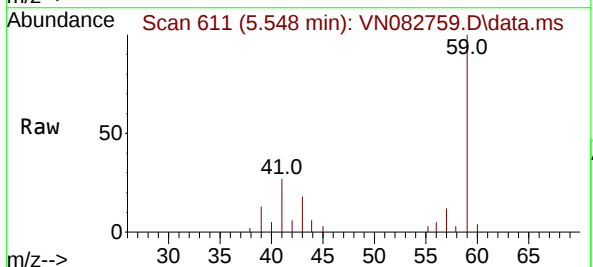
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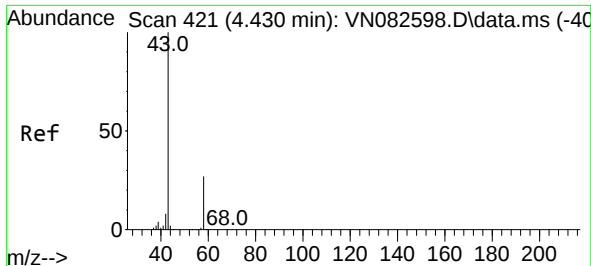
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#11
Tert butyl alcohol
Concen: 136.464 ug/l
RT: 5.548 min Scan# 611
Delta R.T. 0.024 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

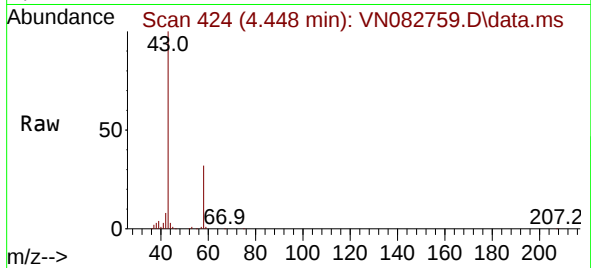
Tgt Ion: 59 Resp: 27032
Ion Ratio Lower Upper
59 100
57 11.2 8.9 13.3





#16
Acetone
Concen: 1459.788 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

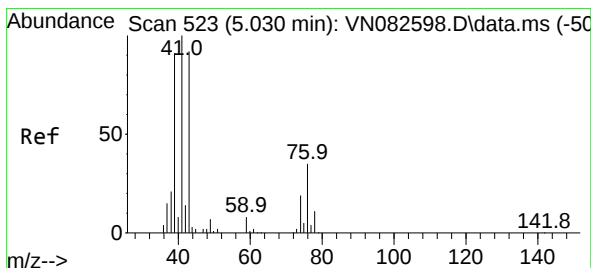
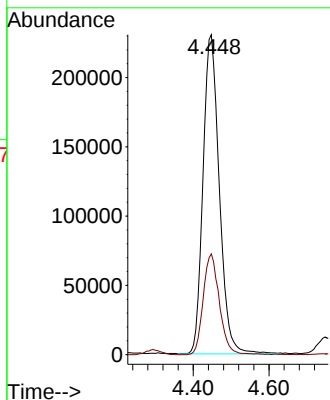
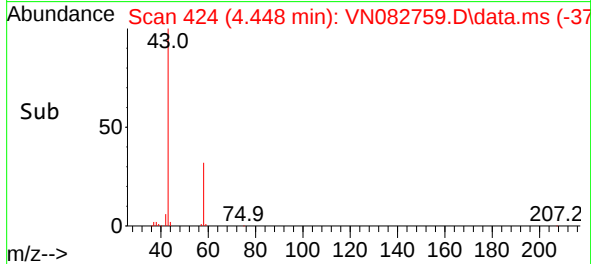
Instrument :
MSVOA_N
ClientSampleId :
50370



Tgt Ion: 43 Resp: 68589
Ion Ratio Lower Upper
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58 31.6 21.8 32.6

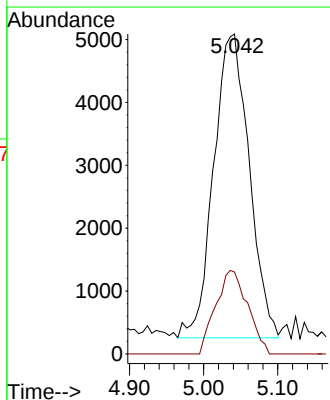
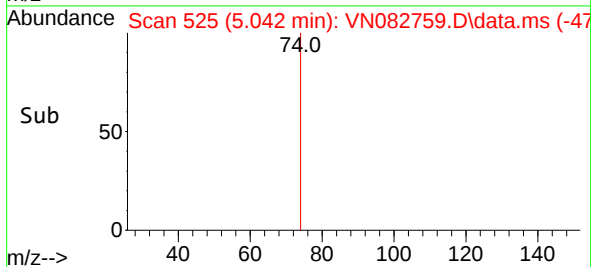
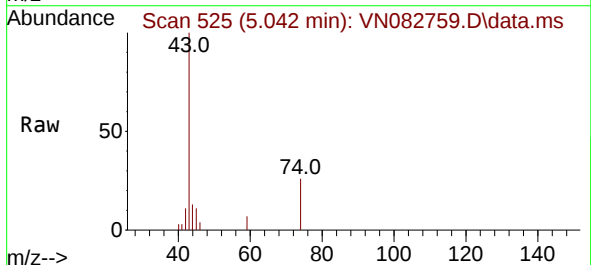
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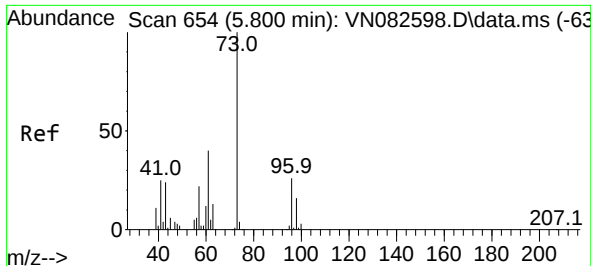
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#18
Methyl Acetate
Concen: 12.882 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.012 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

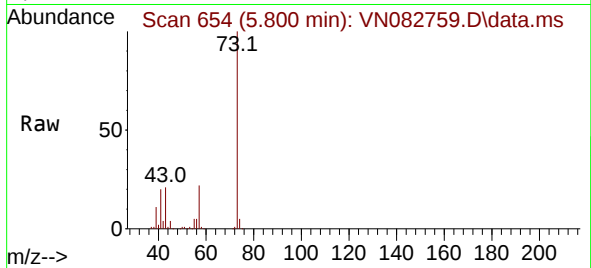
Tgt Ion: 43 Resp: 16091
Ion Ratio Lower Upper
43 100
74 24.7 16.3 24.5#





#19
Methyl tert-butyl Ether
Concen: 168.980 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

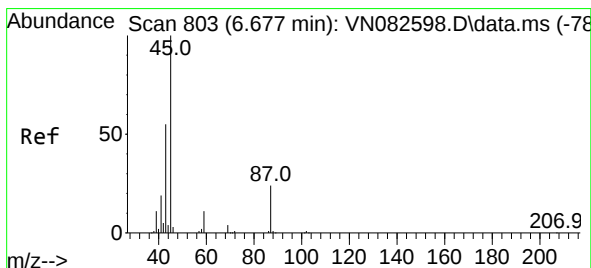
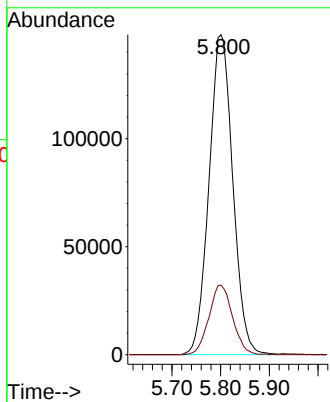
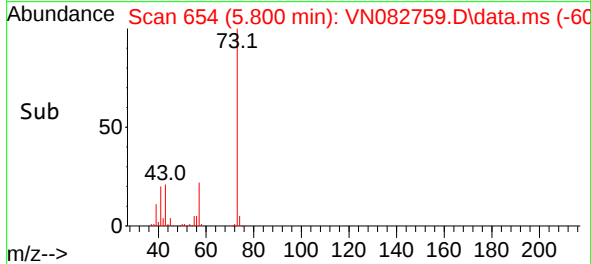
Instrument :
MSVOA_N
ClientSampleId :
50370



Tgt Ion: 73 Resp: 503190
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9

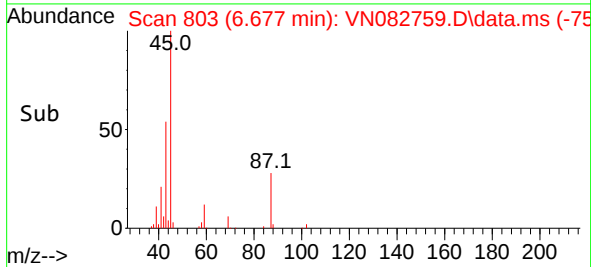
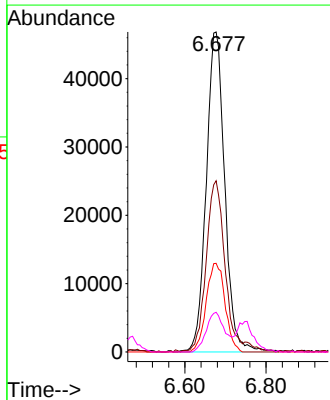
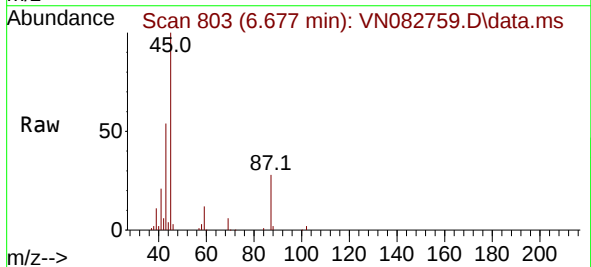
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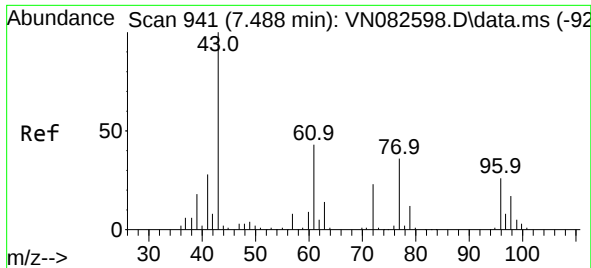
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#22
Diisopropyl ether
Concen: 47.071 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

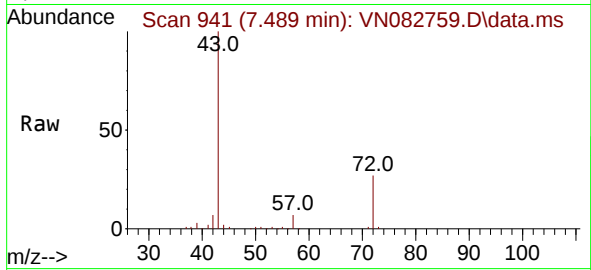
Tgt Ion: 45 Resp: 147774
Ion Ratio Lower Upper
45 100
43 53.1 44.0 66.0
87 27.7 19.7 29.5
59 12.4 8.5 12.7





#25
2-Butanone
Concen: 332.492 ug/l m
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

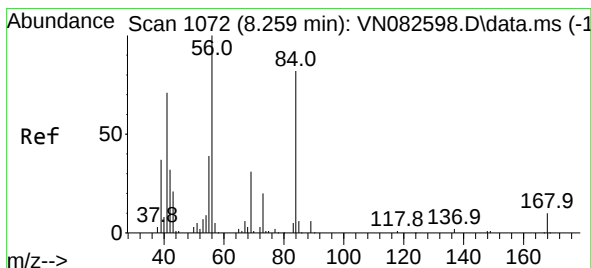
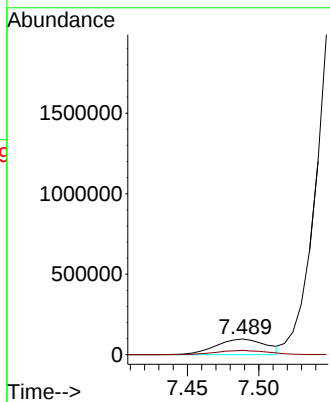
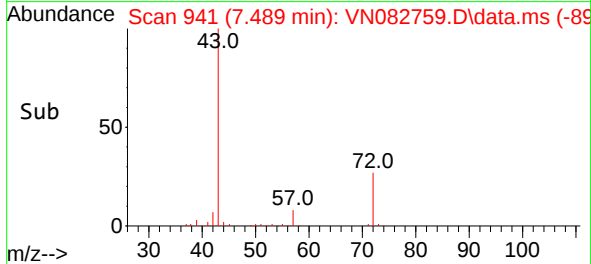
Instrument :
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ClientSampleId :
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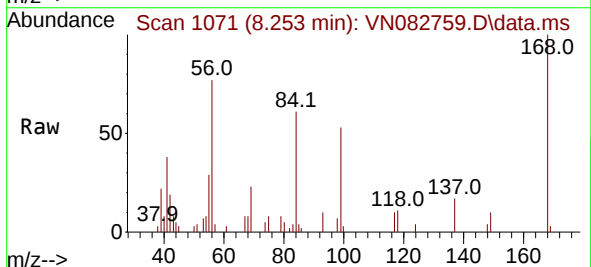
Tgt Ion: 43 Resp: 238670
Ion Ratio Lower Upper
43 100
72 27.4 18.2 27.2

Manual Integrations
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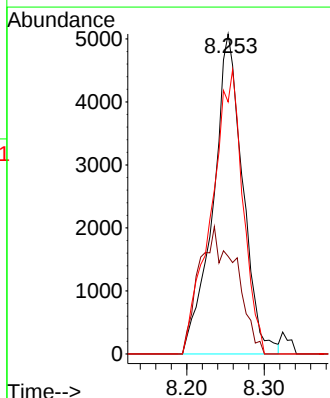
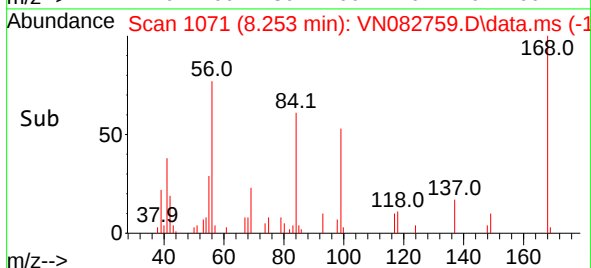
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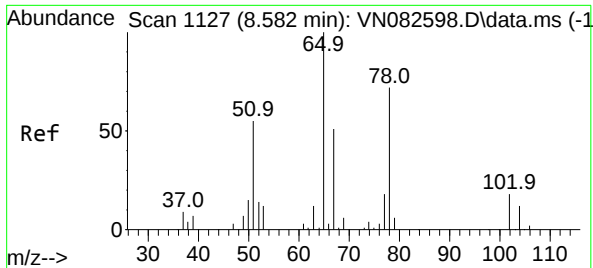


#31
Cyclohexane
Concen: 7.723 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39



Tgt Ion: 56 Resp: 13495
Ion Ratio Lower Upper
56 100
69 30.5 24.5 36.7
84 78.8 66.0 99.0





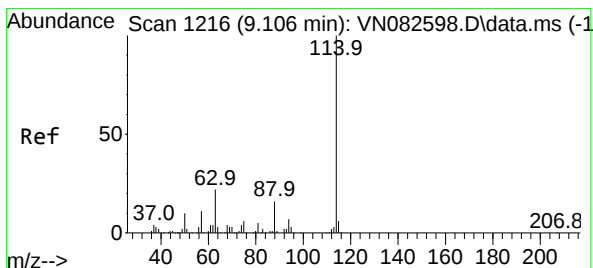
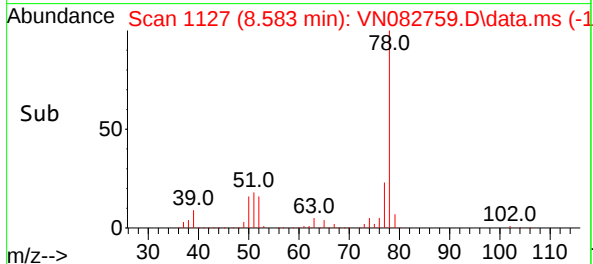
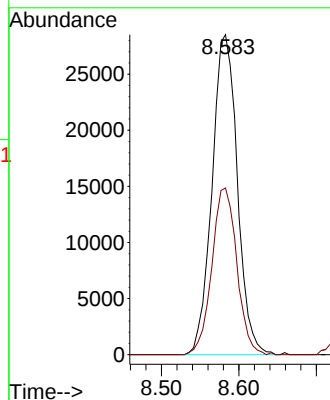
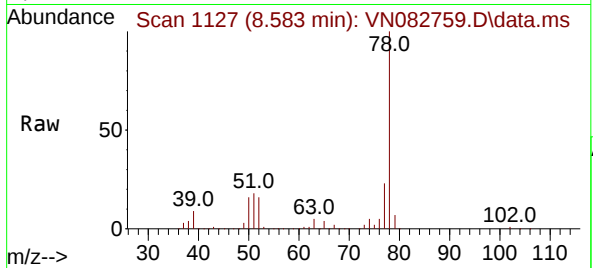
#33
1,2-Dichloroethane-d4
Concen: 52.207 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

Instrument :
MSVOA_N
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Tgt Ion: 65 Resp: 64744
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.4

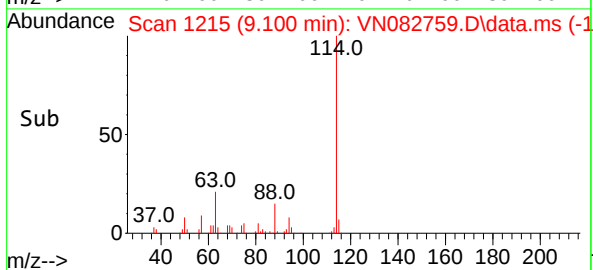
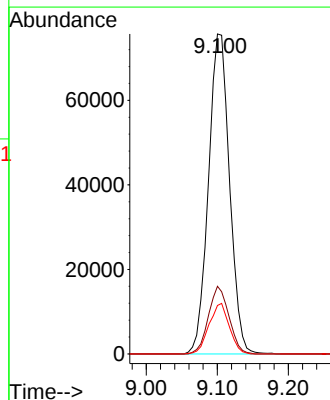
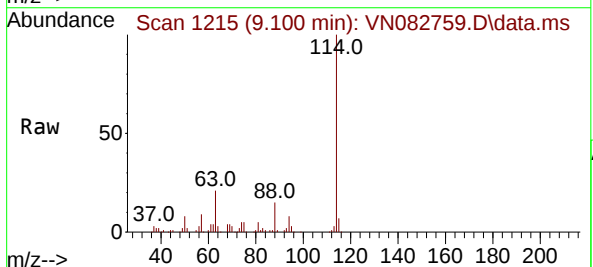
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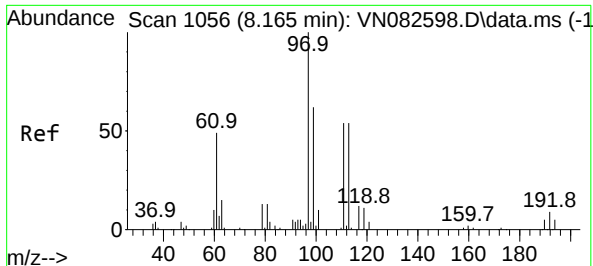
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

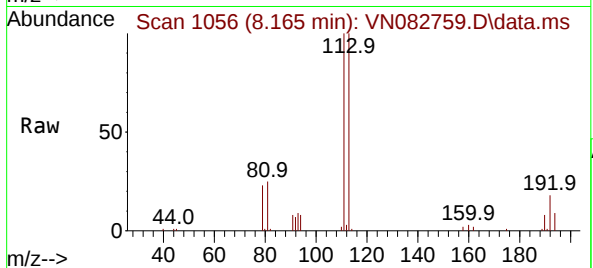
Tgt Ion:114 Resp: 156034
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.6
88 15.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 50.305 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

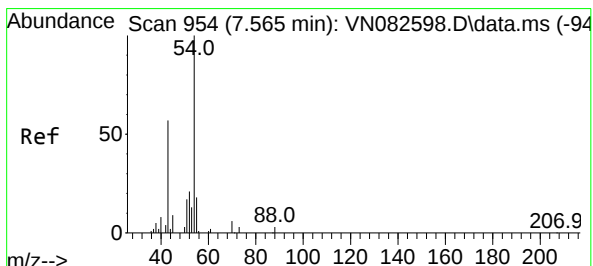
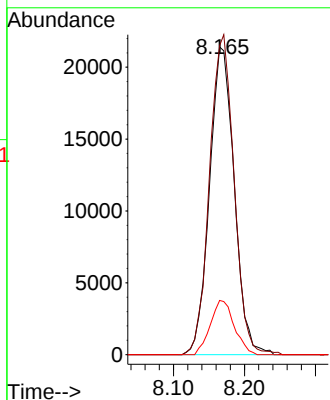
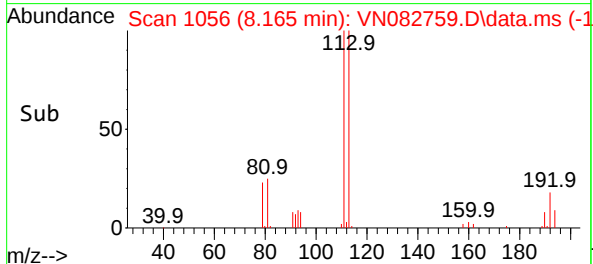
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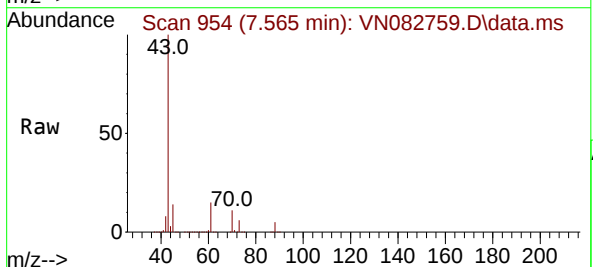
Tgt Ion:113 Resp: 51679
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 17.1 14.9 22.3

Manual Integrations
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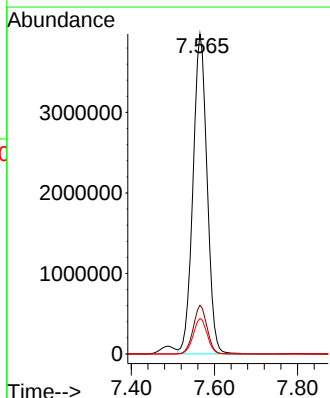
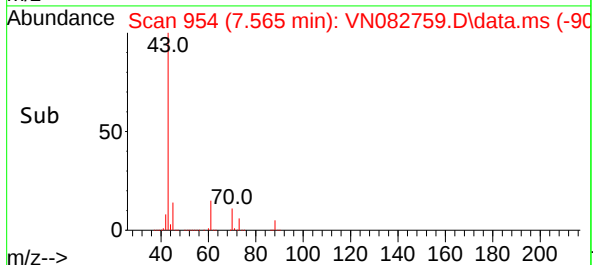
Reviewed By :John Carlone 07/02/2024
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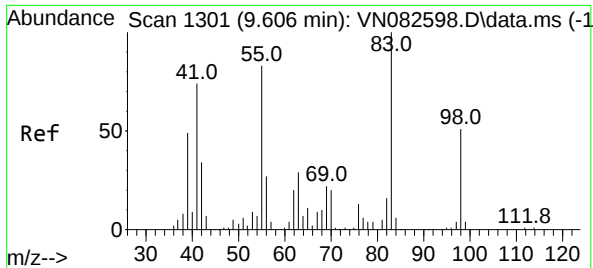


#37
Ethyl Acetate
Concen: 5856.336 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.000 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39



Tgt Ion: 43 Resp: 9346293
Ion Ratio Lower Upper
43 100
61 14.9 9.3 13.9#
70 11.0 7.0 10.6#





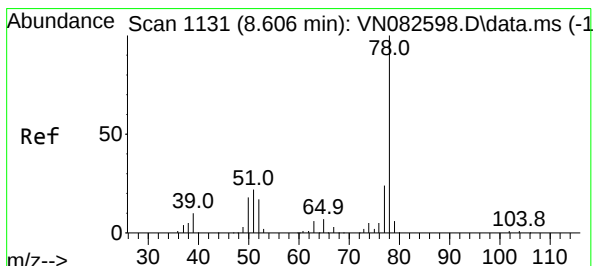
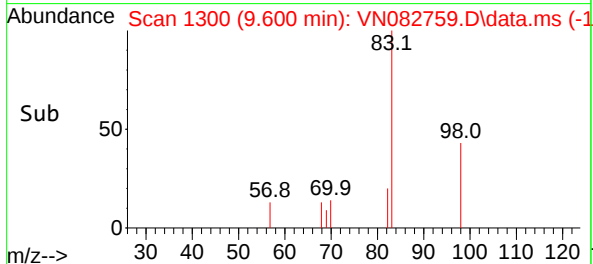
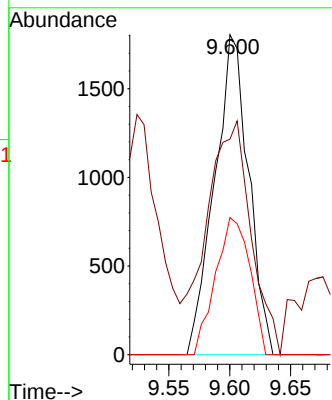
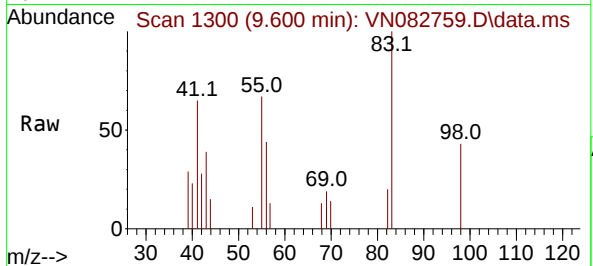
#39
Methylcyclohexane
Concen: 2.284 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

Instrument :
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ClientSampleId :
50370

Tgt Ion: 83 Resp: 350
Ion Ratio Lower Upper
83 100
55 67.4 66.4 99.6
98 42.9 40.7 61.1

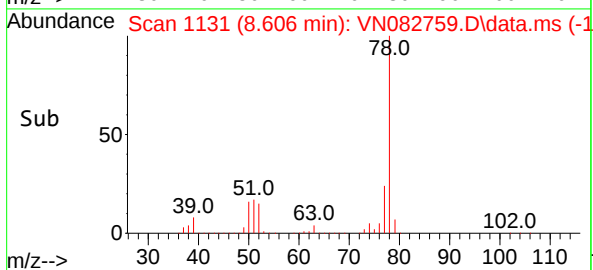
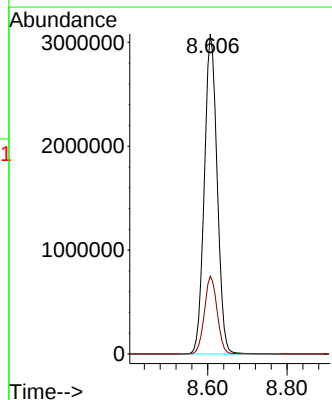
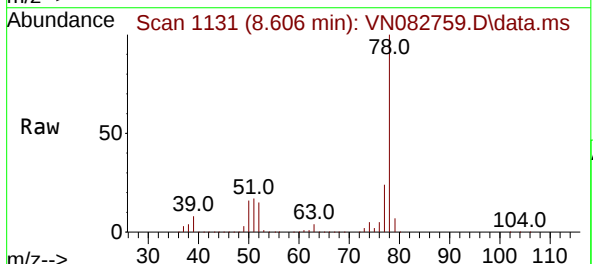
Manual Integrations
APPROVED

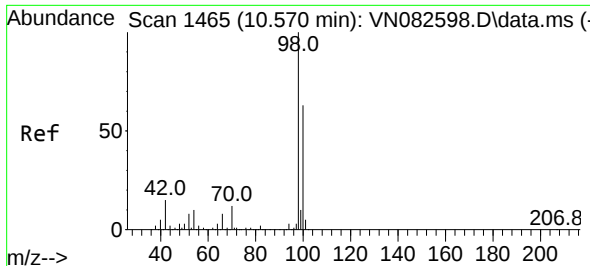
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#40
Benzene
Concen: 1425.390 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

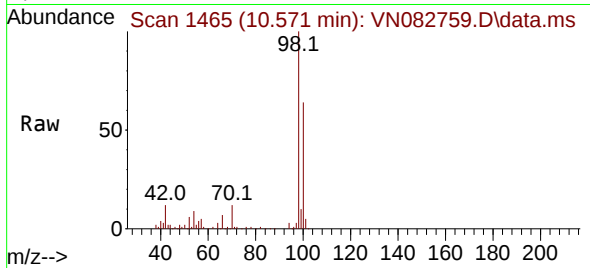
Tgt Ion: 78 Resp: 6904665
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4





#50
Toluene-d8
Concen: 54.291 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

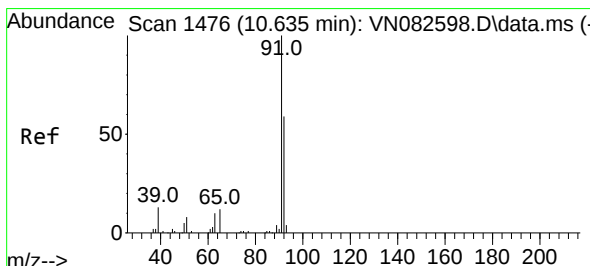
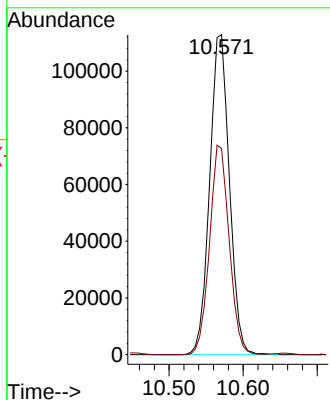
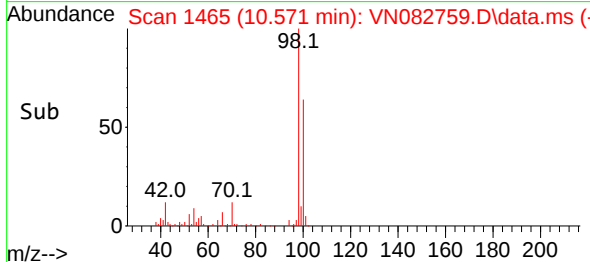
Instrument :
MSVOA_N
ClientSampleId :
50370



Tgt Ion: 98 Resp: 208584
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3

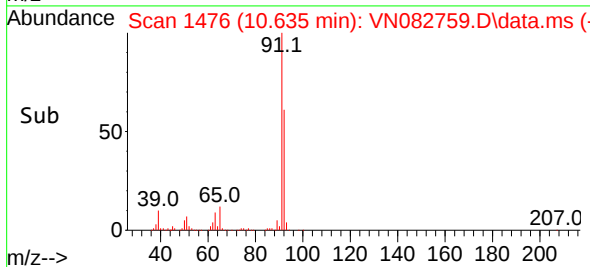
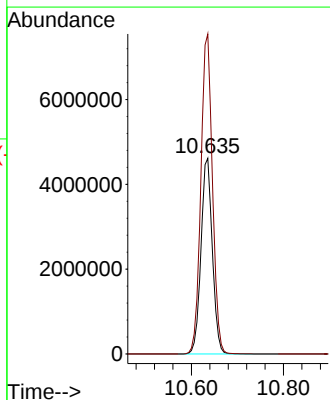
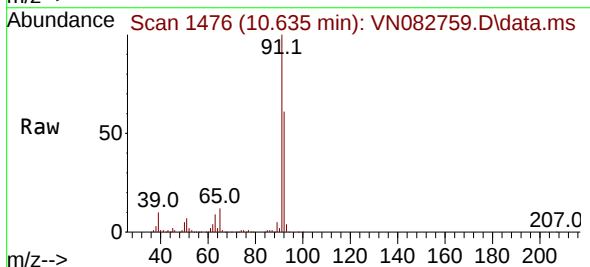
Manual Integrations
APPROVED

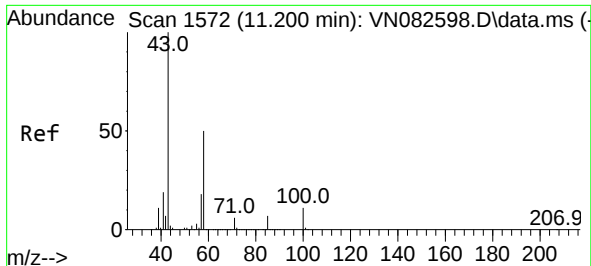
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#52
Toluene
Concen: 2785.374 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

Tgt Ion: 92 Resp: 7922844
Ion Ratio Lower Upper
92 100
91 167.2 139.4 209.0





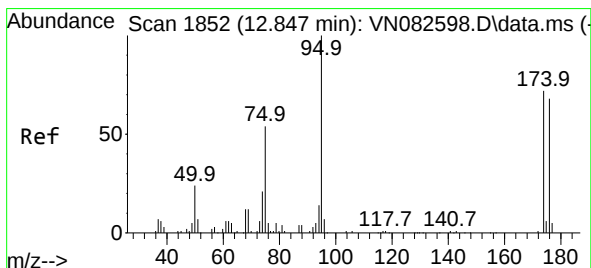
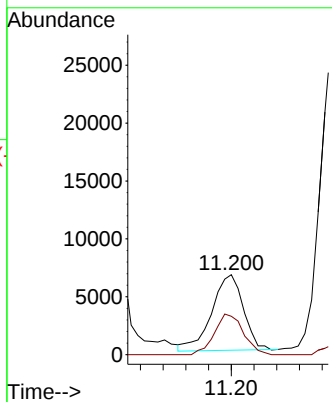
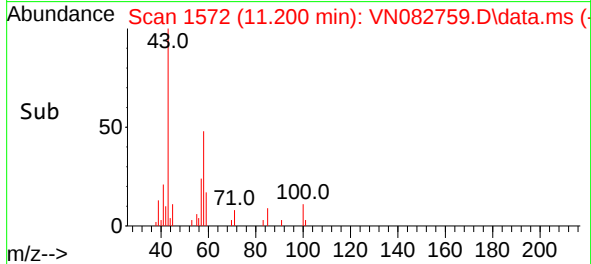
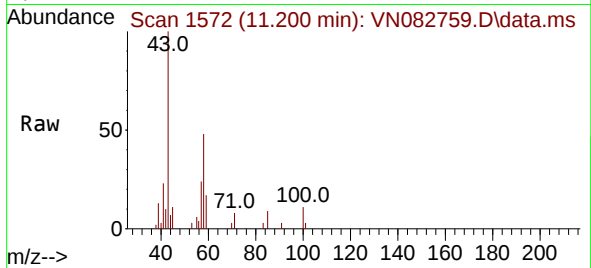
#59
2-Hexanone
Concen: 10.405 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
50370

Tgt Ion: 43 Resp: 12594
Ion Ratio Lower Upper
43 100
58 49.3 24.6 73.8

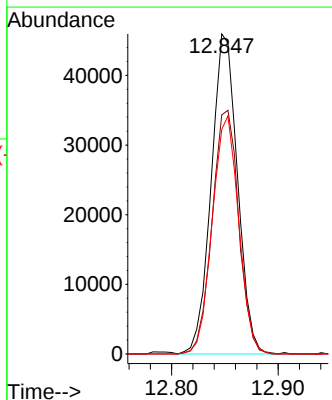
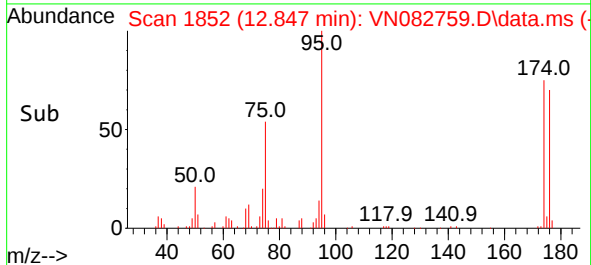
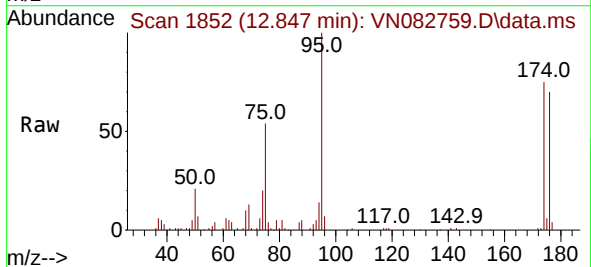
Manual Integrations
APPROVED

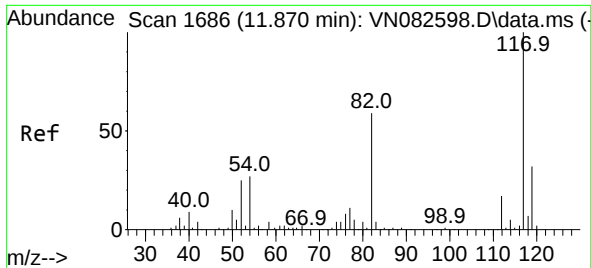
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#62
4-Bromofluorobenzene
Concen: 59.552 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

Tgt Ion: 95 Resp: 78573
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.2
176 74.7 0.0 147.6





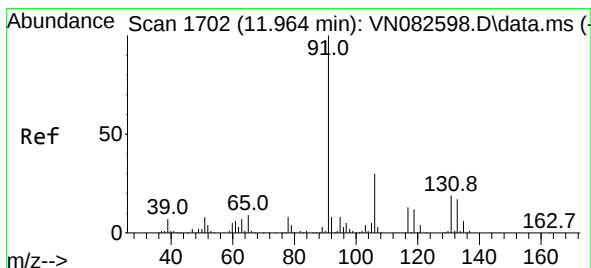
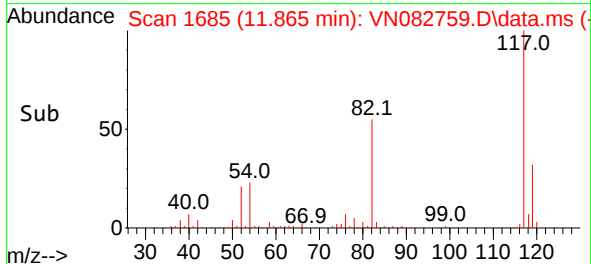
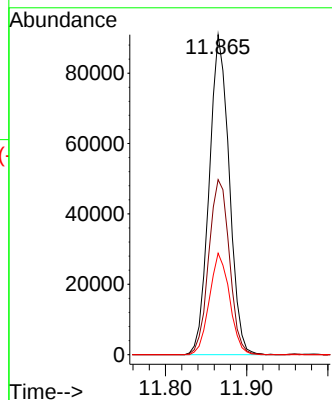
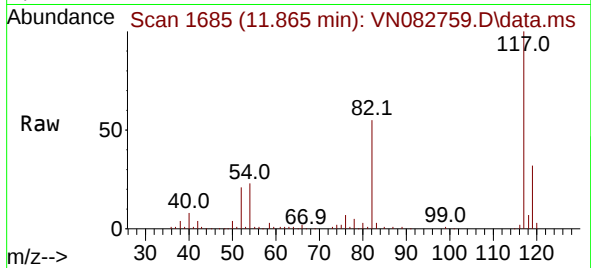
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1168
Delta R.T. -0.005 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
50370

Tgt Ion:117 Resp: 15575
Ion Ratio Lower Upper
117 100
82 54.7 47.5 71.3
119 31.7 25.6 38.4

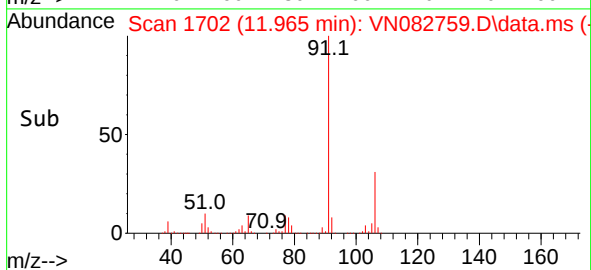
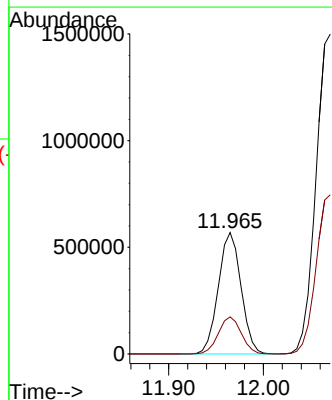
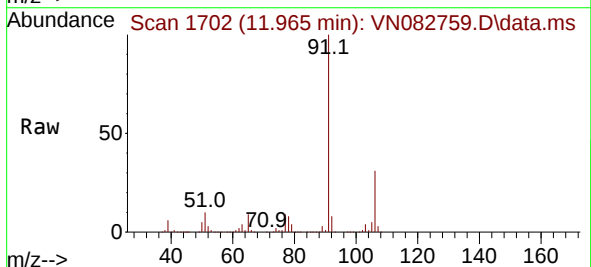
Manual Integrations
APPROVED

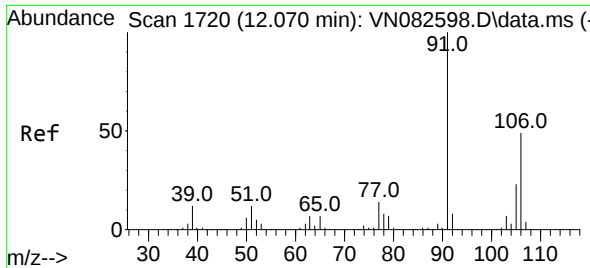
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#67
Ethyl Benzene
Concen: 164.744 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

Tgt Ion: 91 Resp: 949948
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0





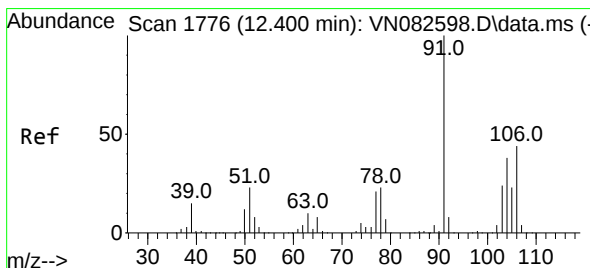
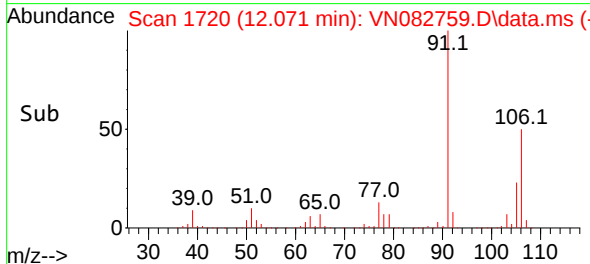
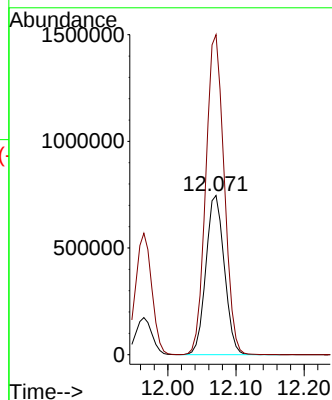
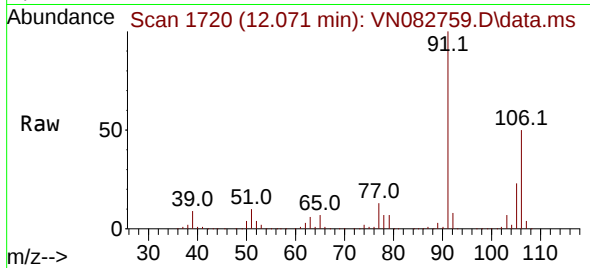
#68
m/p-Xylenes
Concen: 654.437 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
50370

Tgt Ion:106 Resp: 140409
Ion Ratio Lower Upper
106 100
91 200.3 166.1 249.1

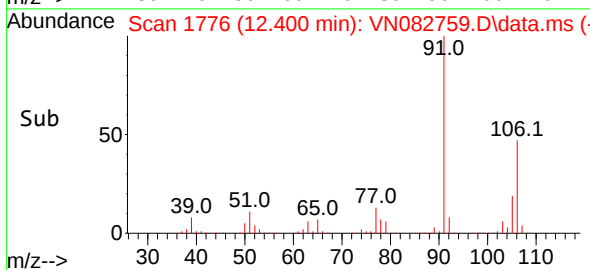
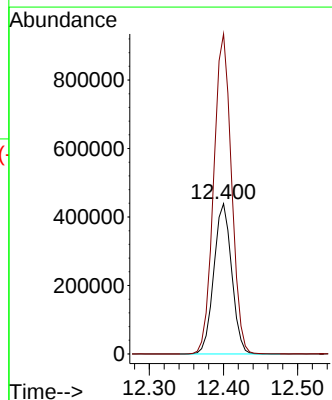
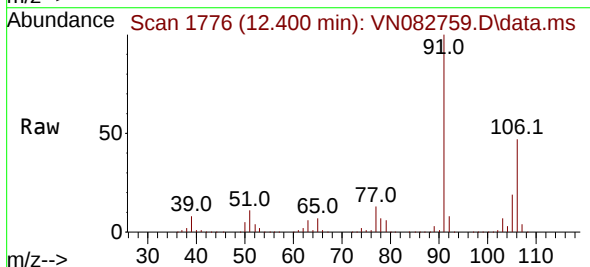
Manual Integrations
APPROVED

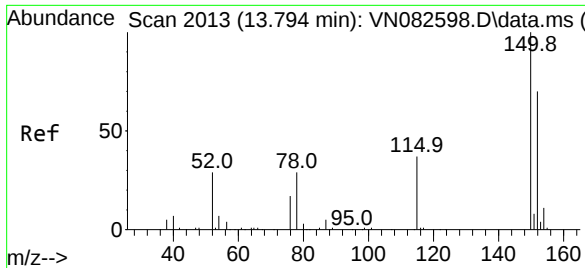
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#69
o-Xylene
Concen: 354.002 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

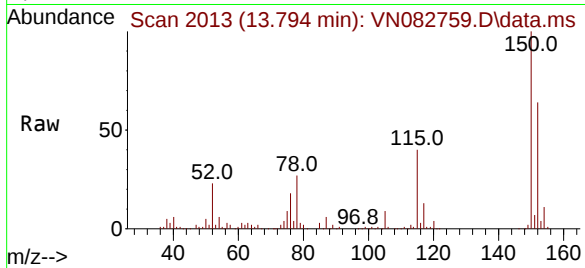
Tgt Ion:106 Resp: 731964
Ion Ratio Lower Upper
106 100
91 213.2 111.3 333.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

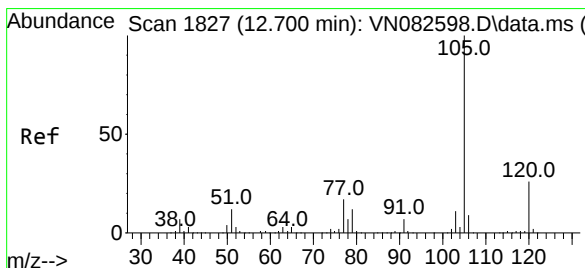
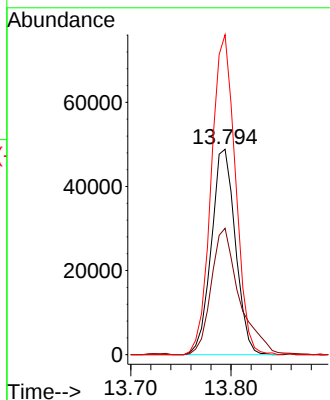
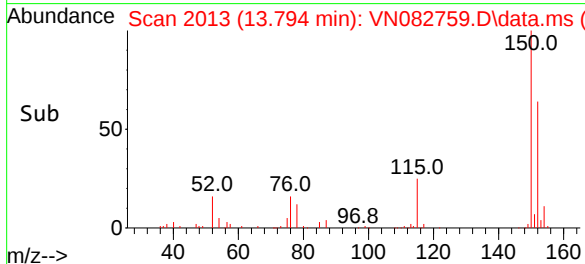
Instrument :
MSVOA_N
ClientSampleId :
50370



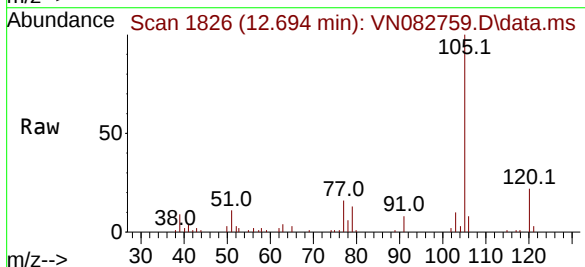
Tgt Ion:152 Resp: 8135
Ion Ratio Lower Upper
152 100
115 72.6 30.6 91.6
150 156.6 0.0 348.6

Manual Integrations
APPROVED

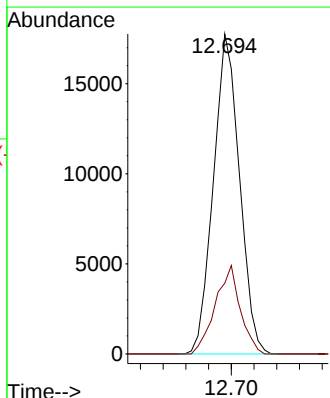
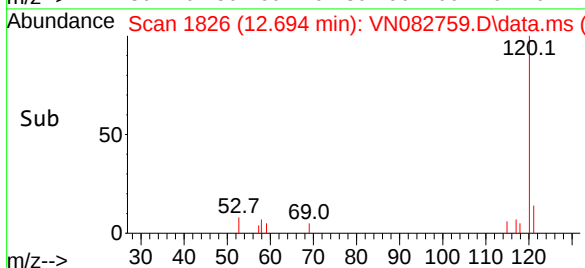
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

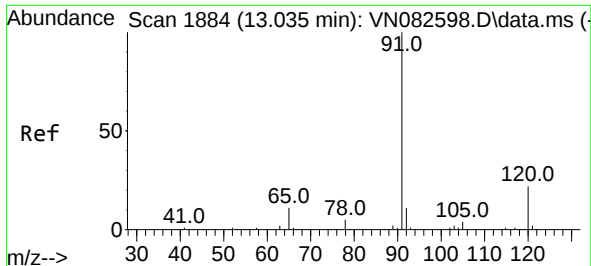


#73
Isopropylbenzene
Concen: 4.768 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39



Tgt Ion:105 Resp: 28289
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6





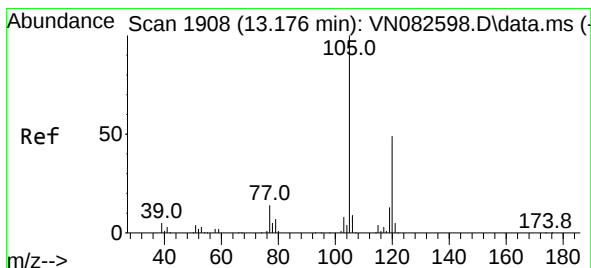
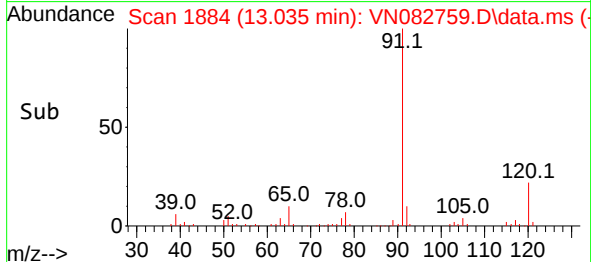
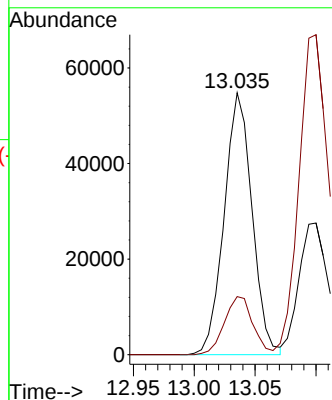
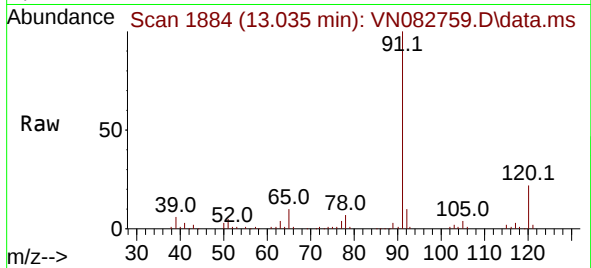
#78
n-propylbenzene
Concen: 12.485 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
50370

Tgt Ion: 91 Resp: 8746
Ion Ratio Lower Upper
91 100
120 22.7 10.9 32.9

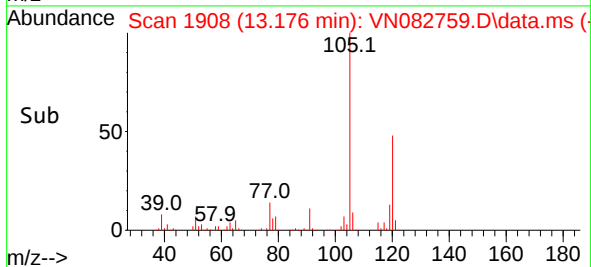
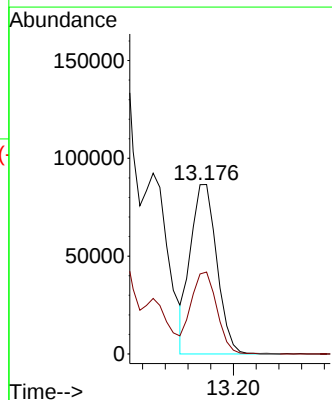
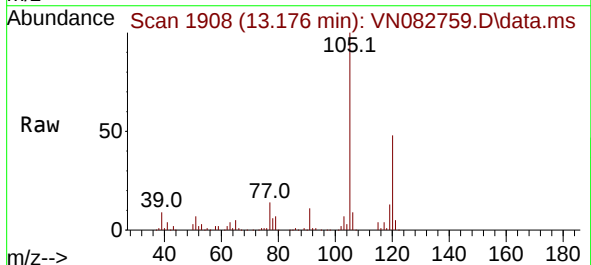
Manual Integrations
APPROVED

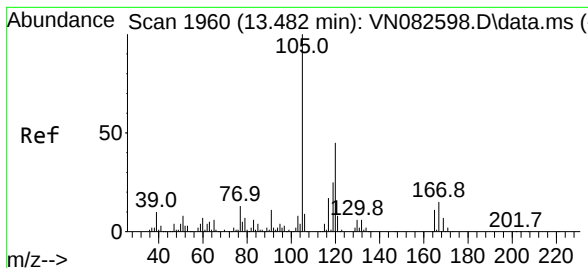
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#80
1,3,5-Trimethylbenzene
Concen: 28.650 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

Tgt Ion:105 Resp: 139641
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 140.956 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082759.D

Acq: 01 Jul 2024 12:39

Instrument :

MSVOA_N

ClientSampleId :

50370

Tgt Ion:105 Resp: 67905

Ion Ratio Lower Upper

105 100

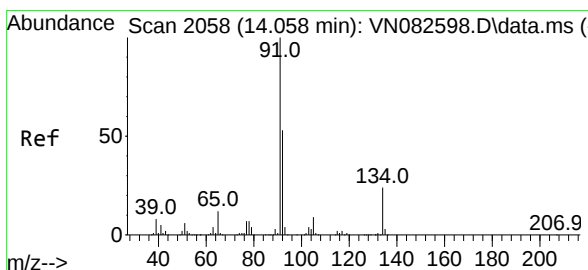
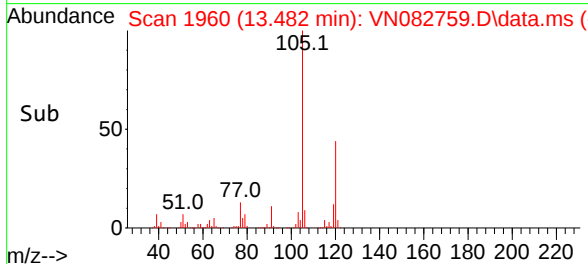
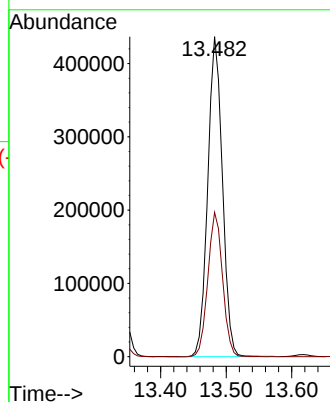
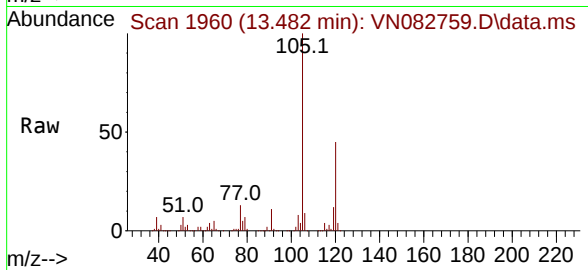
120 45.2 21.9 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/02/2024

Supervised By :Mahesh Dadoda 07/02/2024



#89

n-Butylbenzene

Concen: 1.488 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.001 min

Lab File: VN082759.D

Acq: 01 Jul 2024 12:39

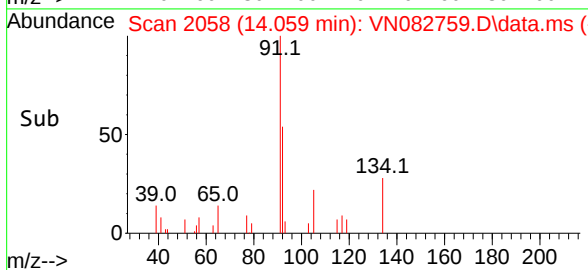
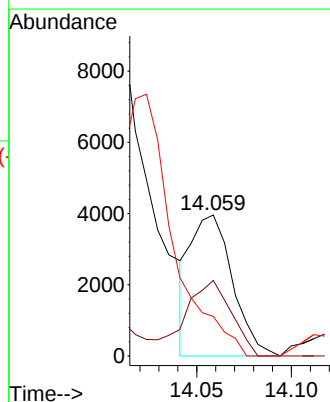
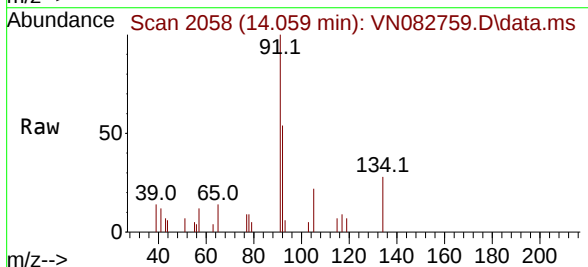
Tgt Ion: 91 Resp: 6067

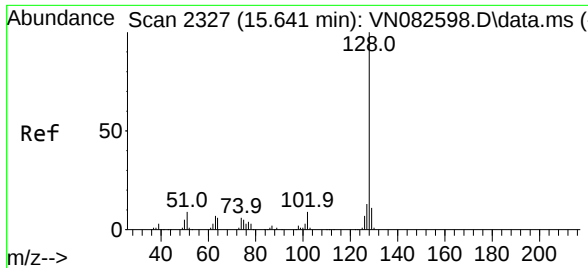
Ion Ratio Lower Upper

91 100

92 57.8 26.1 78.3

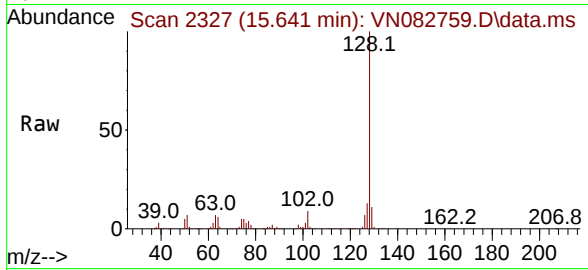
134 0.0 12.1 36.3#





#95
Naphthalene
Concen: 79.476 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN082759.D
Acq: 01 Jul 2024 12:39

Instrument :
MSVOA_N
ClientSampleId :
50370



Tgt Ion:	128	Resp:	34555
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	10.9	8.6	12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

