

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082764.D
 Acq On : 01 Jul 2024 14:39
 Operator : JC\MD
 Sample : P3110-01
 Misc : 1.50g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 163

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 00:07:48 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	86160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	159174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	162926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	63866	48.066	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.140%		
35) Dibromofluoromethane	8.165	113	51352	49.000	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.000%		
50) Toluene-d8	10.565	98	222185	56.691	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	113.380%#		
62) 4-Bromofluorobenzene	12.847	95	91832	68.229	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	136.460%#		
Target Compounds					Qvalue	
16) Acetone	4.447	43	6710	13.329	ug/l #	88
39) Methylcyclohexane	9.600	83	132104	84.469	ug/l	93
40) Benzene	8.600	78	8907	1.802	ug/l	95
52) Toluene	10.629	92	3137966	1081.428	ug/l	98
67) Ethyl Benzene	11.965	91	2363640	391.875	ug/l	100
68) m/p-Xylenes	12.070	106	3798909	1692.726	ug/l	96
69) o-Xylene	12.400	106	1489923	688.870	ug/l	95
73) Isopropylbenzene	12.700	105	118434	16.091	ug/l	97
78) n-propylbenzene	13.035	91	367560	42.294	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	466031	77.080	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	2187755	366.097	ug/l	97
85) sec-Butylbenzene	13.617	105	53307m	7.477	ug/l	
86) p-Isopropyltoluene	13.729	119	38271	6.700	ug/l	98
89) n-Butylbenzene	14.059	91	149761	29.609	ug/l #	78
95) Naphthalene	15.641	128	987538	183.103	ug/l	99

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

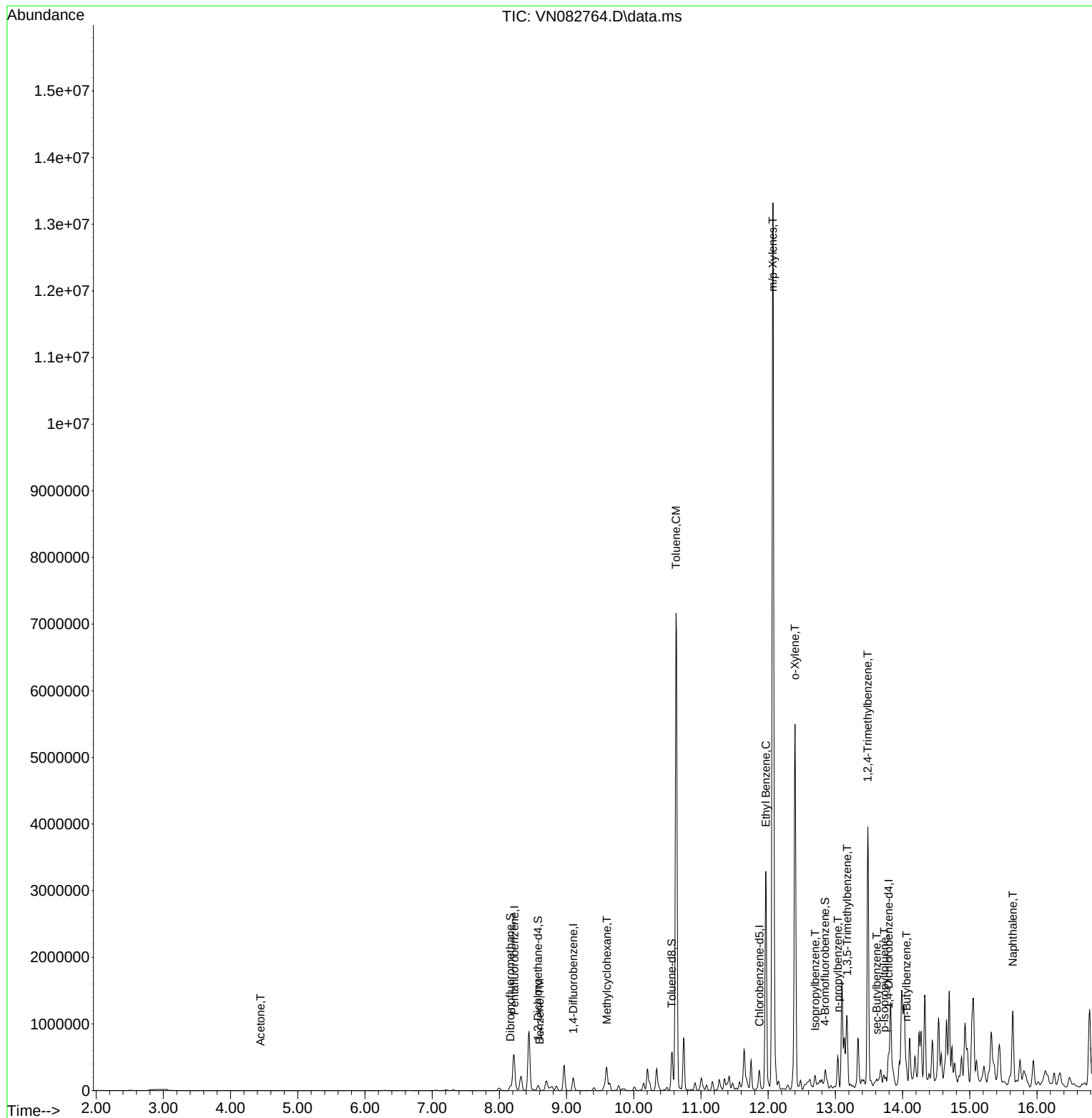
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
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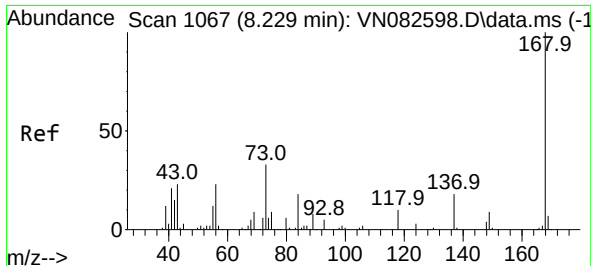
Instrument :
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163

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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





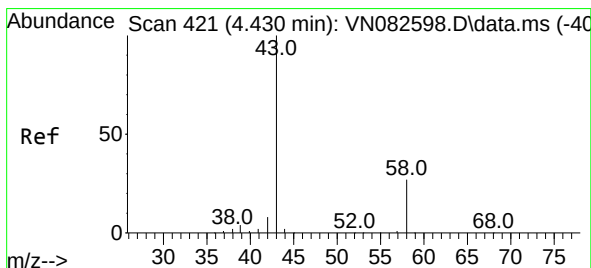
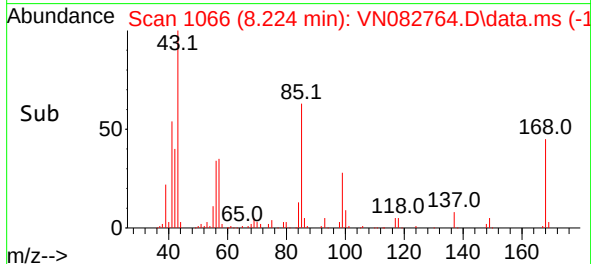
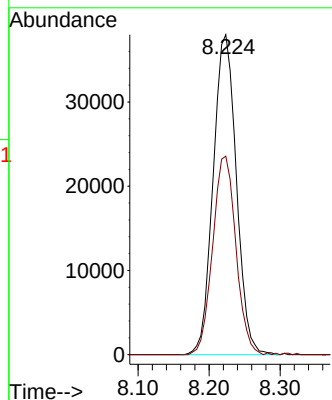
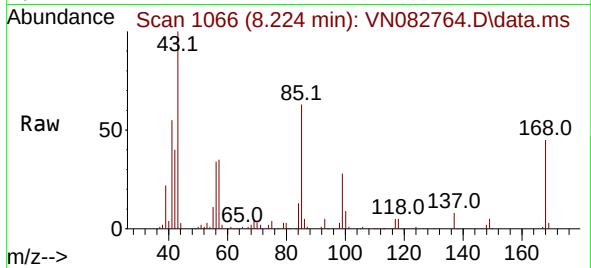
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

Instrument :
MSVOA_N
ClientSampleId :
163

Tgt Ion:168 Resp: 86160
Ion Ratio Lower Upper
168 100
99 62.1 48.2 72.4

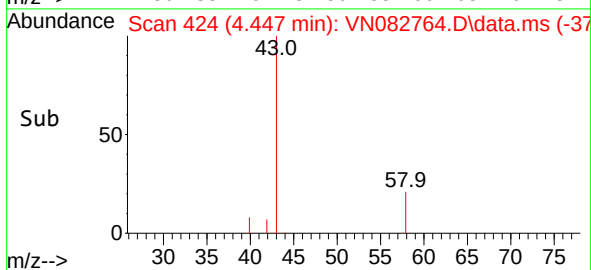
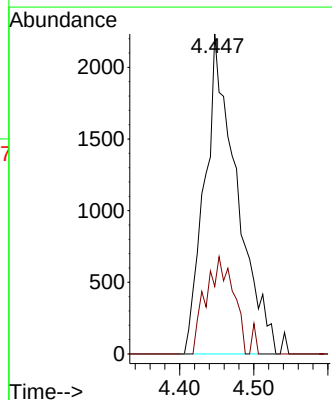
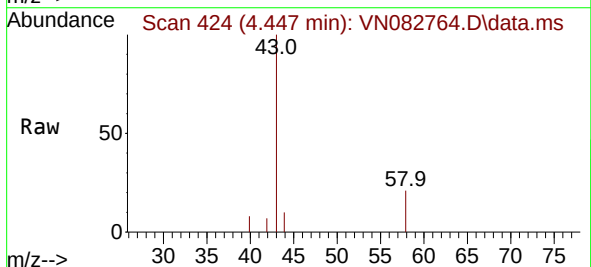
Manual Integrations
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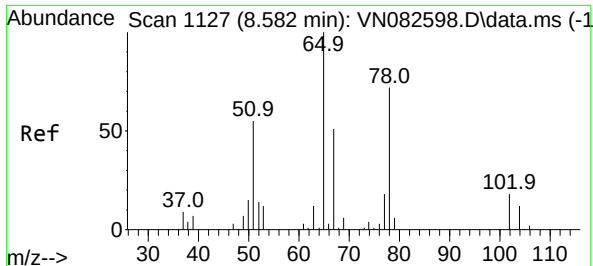
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#16
Acetone
Concen: 13.329 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

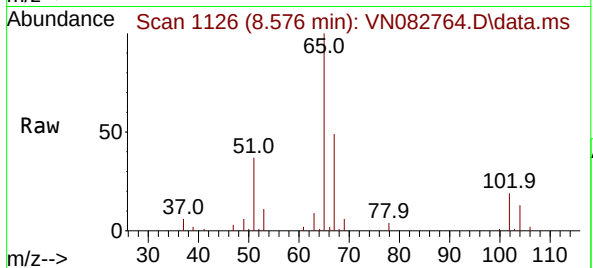
Tgt Ion: 43 Resp: 6710
Ion Ratio Lower Upper
43 100
58 21.1 21.8 32.6#





#33
1,2-Dichloroethane-d4
Concen: 48.066 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

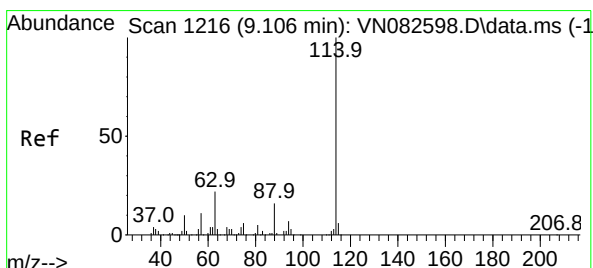
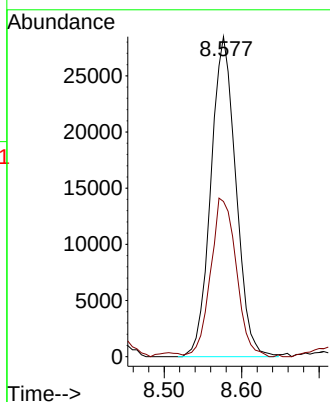
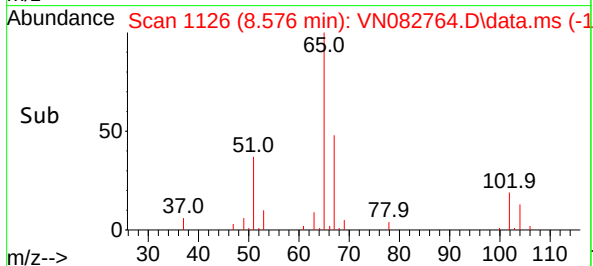
Instrument :
MSVOA_N
ClientSampleId :
163



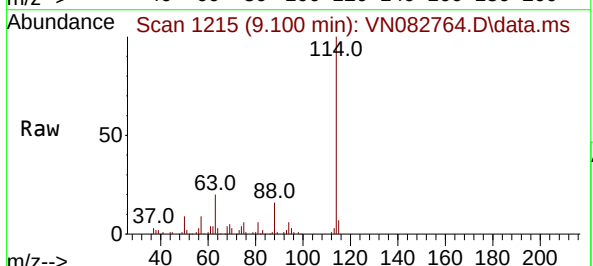
Tgt Ion: 65 Resp: 6386
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4

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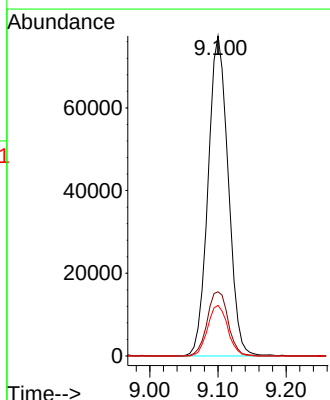
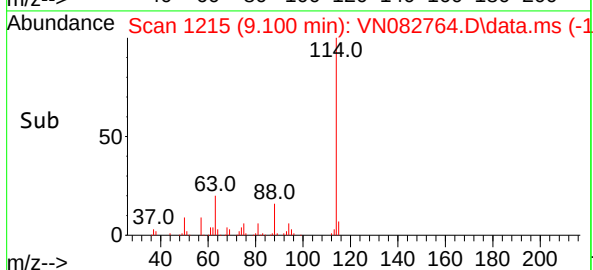
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

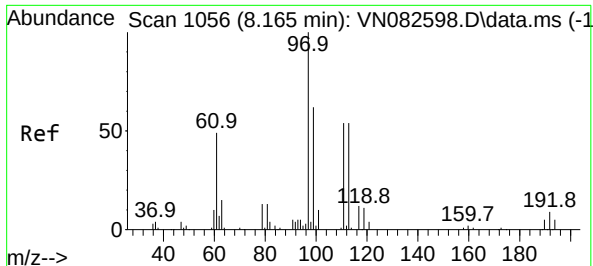


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39



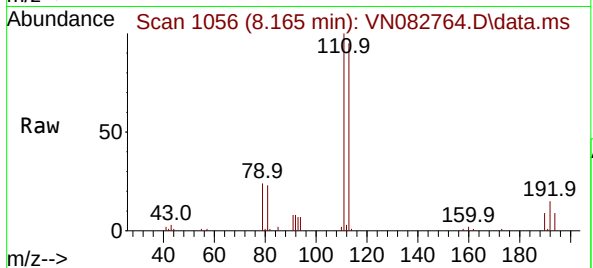
Tgt Ion:114 Resp: 159174
Ion Ratio Lower Upper
114 100
63 20.0 0.0 44.6
88 15.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 49.000 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

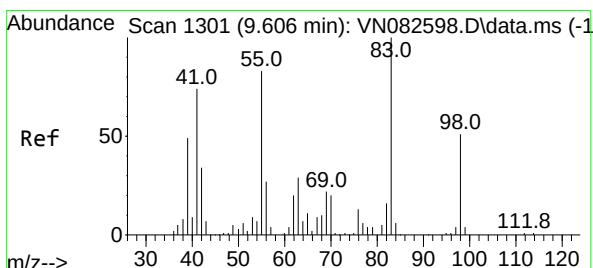
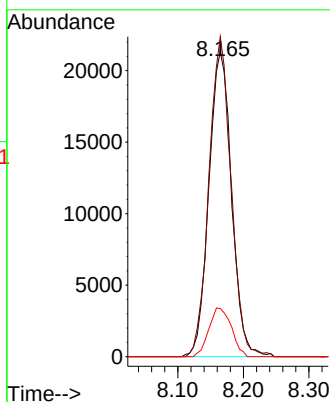
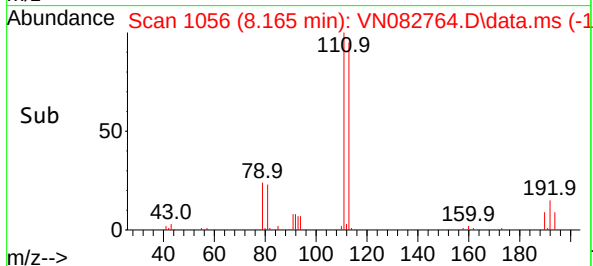
Instrument :
MSVOA_N
ClientSampleId :
163



Tgt Ion:113 Resp: 51352
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 15.8 14.9 22.3

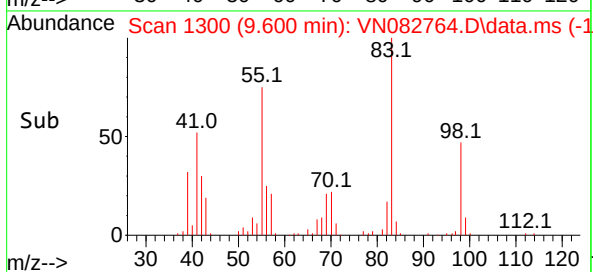
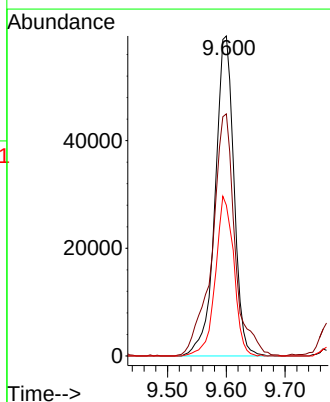
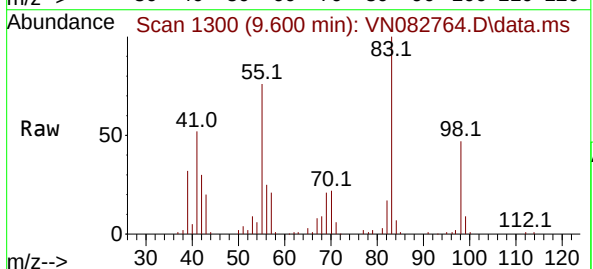
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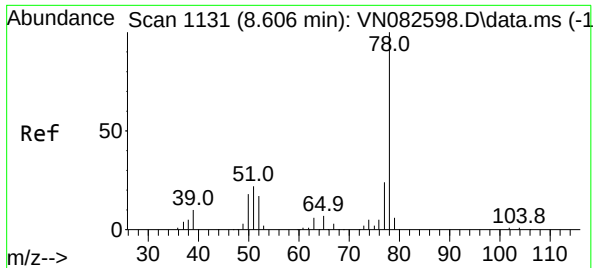
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#39
Methylcyclohexane
Concen: 84.469 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

Tgt Ion: 83 Resp: 132104
Ion Ratio Lower Upper
83 100
55 75.4 66.4 99.6
98 47.1 40.7 61.1





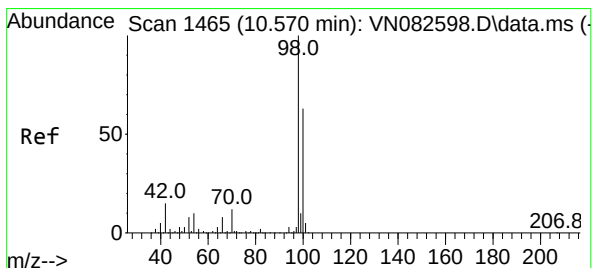
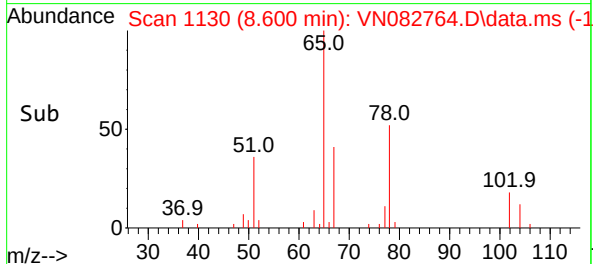
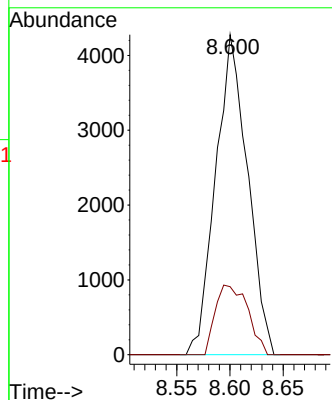
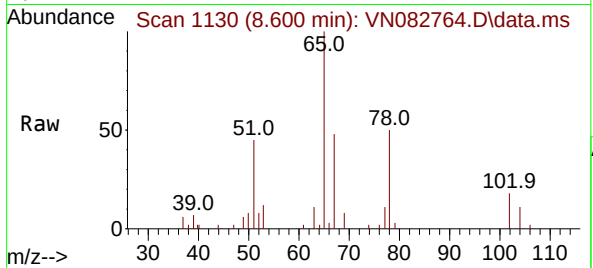
#40
Benzene
Concen: 1.802 ug/l
RT: 8.600 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

Instrument :
MSVOA_N
ClientSampleId :
163

Tgt Ion: 78 Resp: 890
Ion Ratio Lower Upper
78 100
77 21.3 19.0 28.4

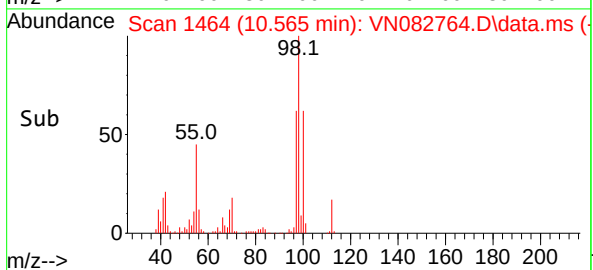
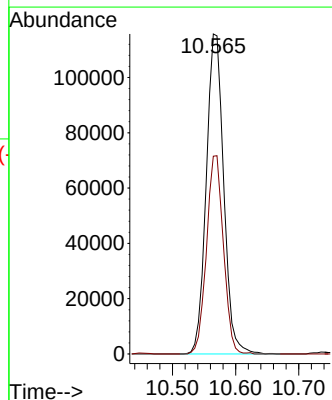
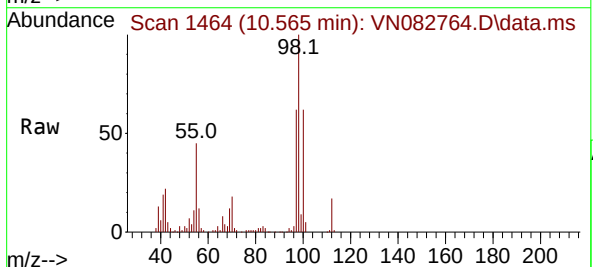
Manual Integrations
APPROVED

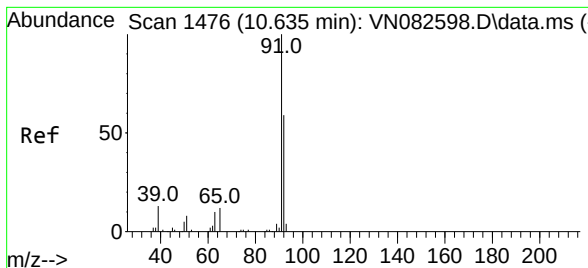
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#50
Toluene-d8
Concen: 56.691 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

Tgt Ion: 98 Resp: 222185
Ion Ratio Lower Upper
98 100
100 60.0 51.5 77.3





#52

Toluene

Concen: 1081.428 ug/l

RT: 10.629 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VN082764.D

Acq: 01 Jul 2024 14:39

Instrument :

MSVOA_N

ClientSampleId :

163

Tgt Ion: 92 Resp: 313796

Ion Ratio Lower Upper

92 100

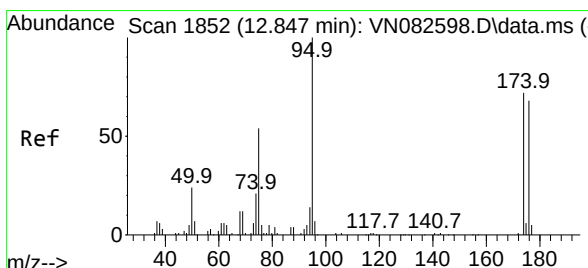
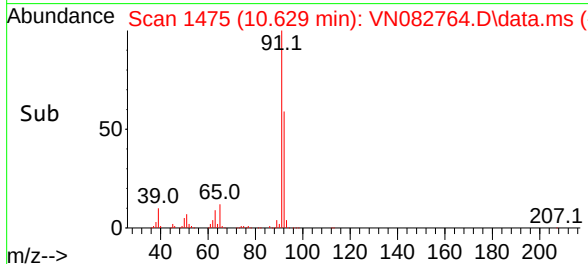
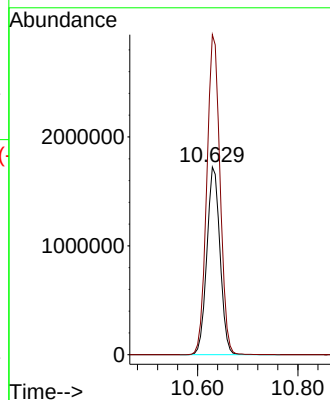
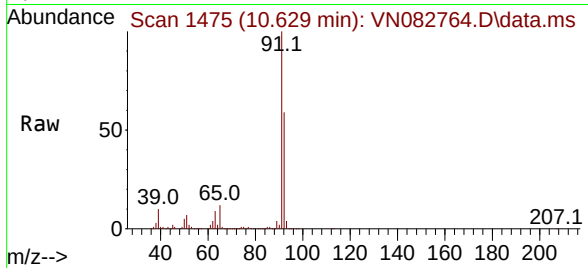
91 171.9 139.4 209.0

Manual Integrations

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Reviewed By :John Carlone 07/02/2024

Supervised By :Mahesh Dadoda 07/02/2024



#62

4-Bromofluorobenzene

Concen: 68.229 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN082764.D

Acq: 01 Jul 2024 14:39

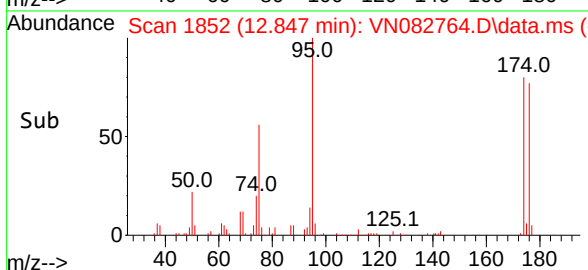
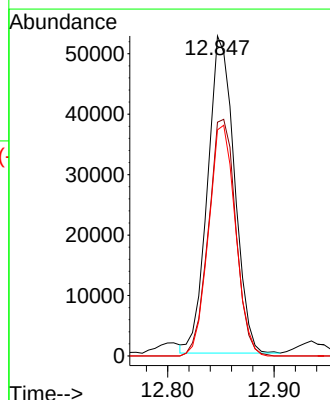
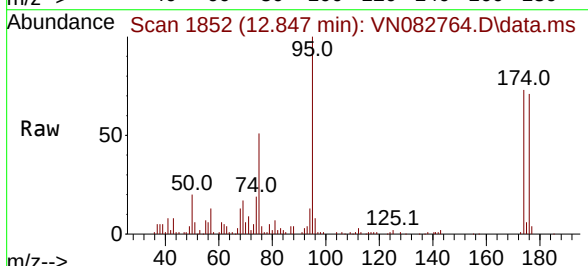
Tgt Ion: 95 Resp: 91832

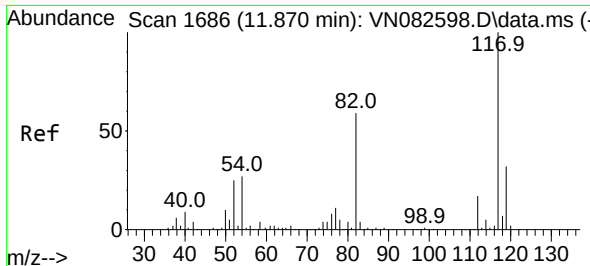
Ion Ratio Lower Upper

95 100

174 75.7 0.0 159.2

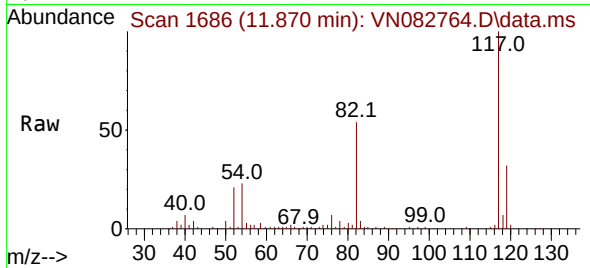
176 72.9 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

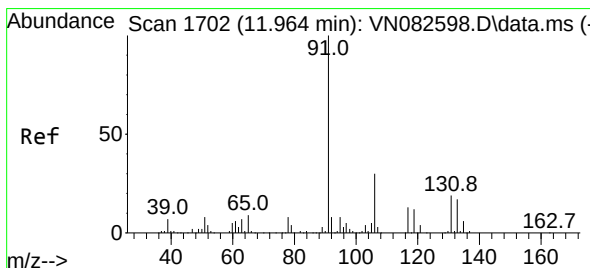
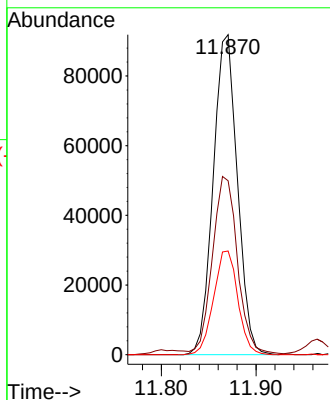
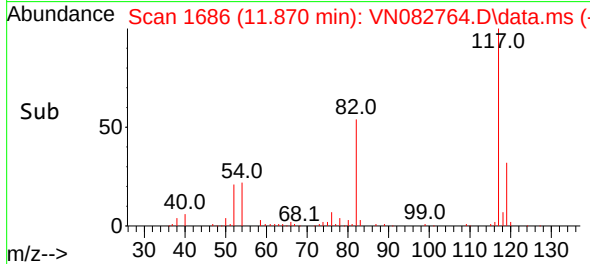
Instrument :
MSVOA_N
ClientSampleId :
163



Tgt Ion:117 Resp: 162920
Ion Ratio Lower Upper
117 100
82 53.9 47.5 71.3
119 32.4 25.6 38.4

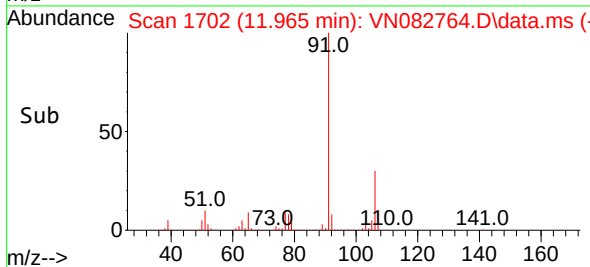
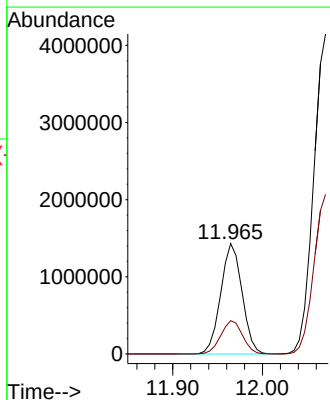
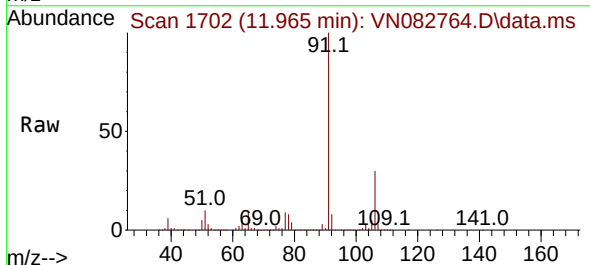
Manual Integrations
APPROVED

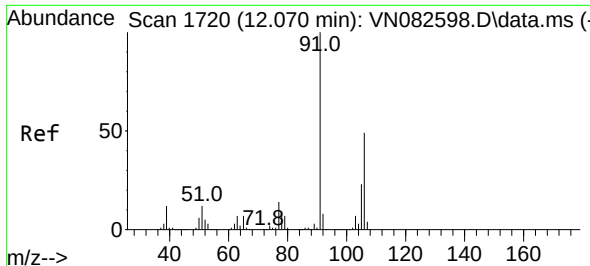
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#67
Ethyl Benzene
Concen: 391.875 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

Tgt Ion: 91 Resp: 2363640
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0





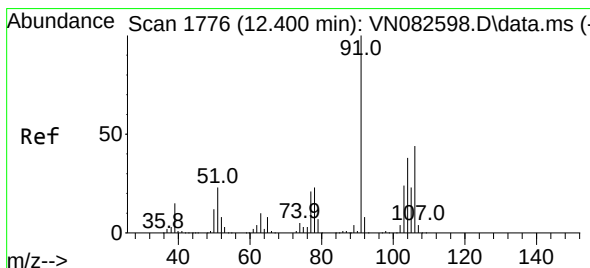
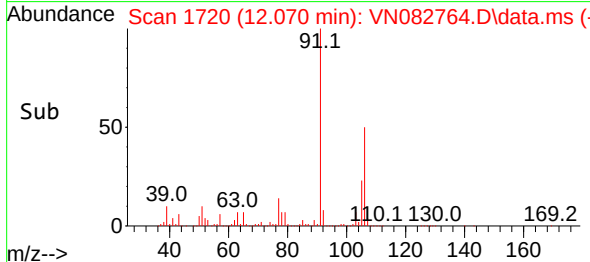
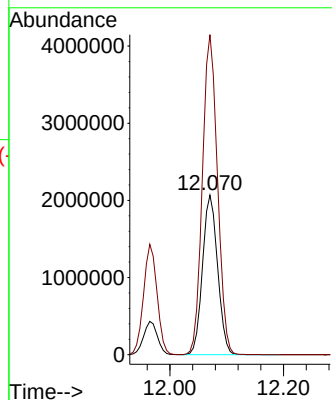
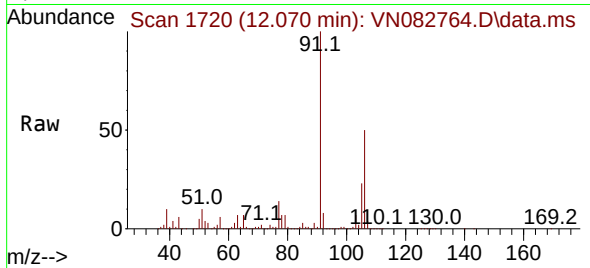
#68
m/p-Xylenes
Concen: 1692.726 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

Instrument :
MSVOA_N
ClientSampleId :
163

Tgt Ion:106 Resp: 3798909
Ion Ratio Lower Upper
106 100
91 201.0 166.1 249.1

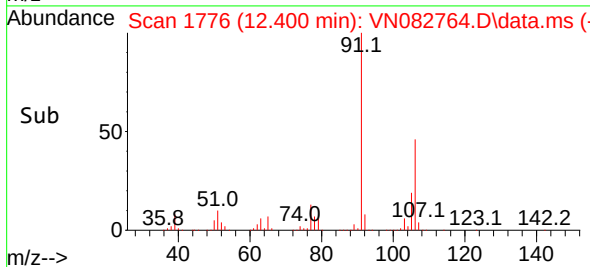
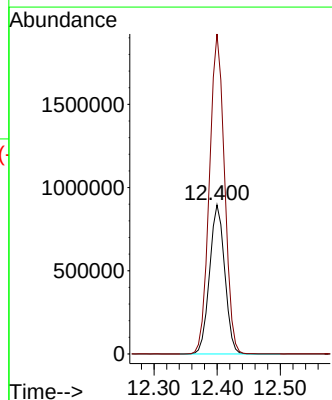
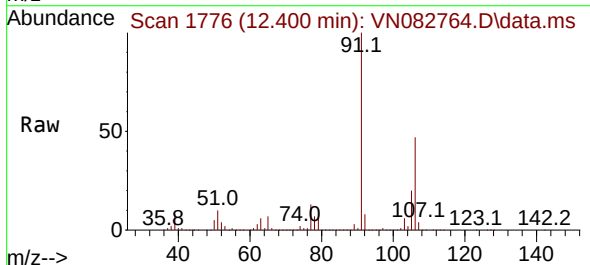
Manual Integrations
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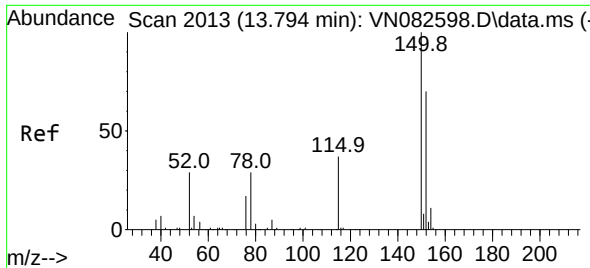
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#69
o-Xylene
Concen: 688.870 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

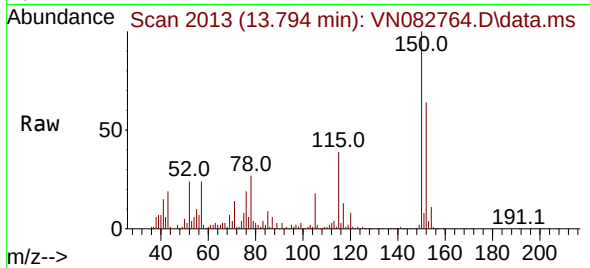
Tgt Ion:106 Resp: 1489923
Ion Ratio Lower Upper
106 100
91 214.2 111.3 333.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

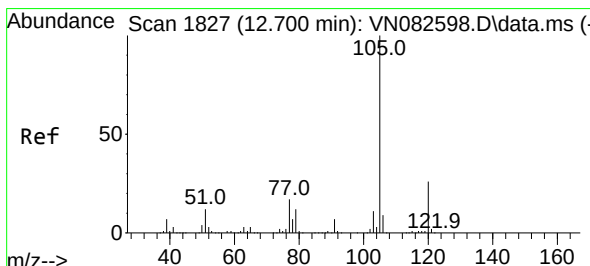
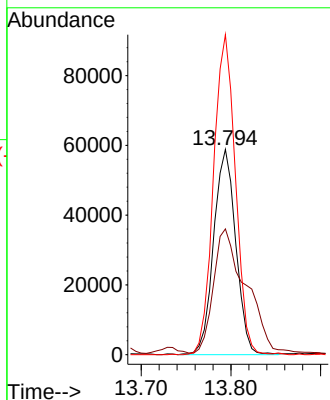
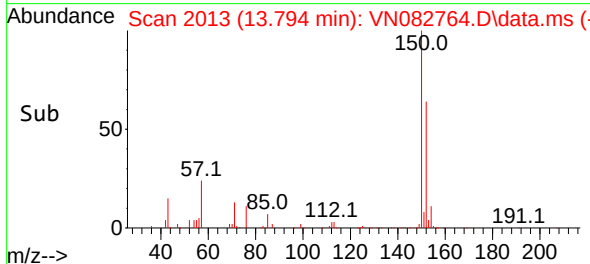
Instrument :
MSVOA_N
ClientSampleId :
163



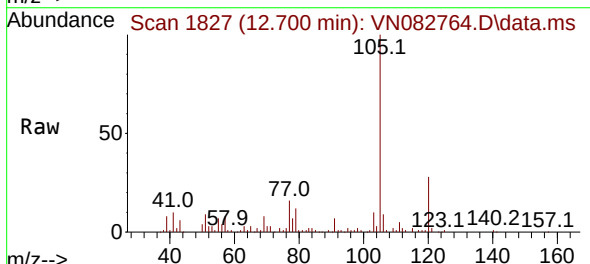
Tgt Ion:152 Resp: 100918
Ion Ratio Lower Upper
152 100
115 90.9 30.6 91.6
150 153.8 0.0 348.6

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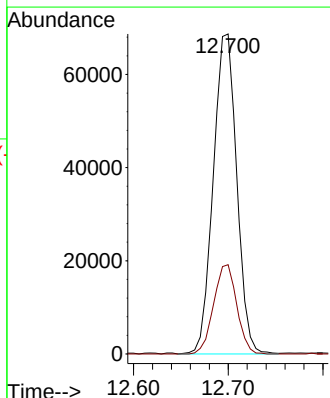
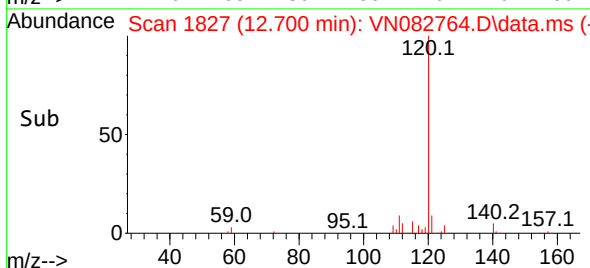
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024

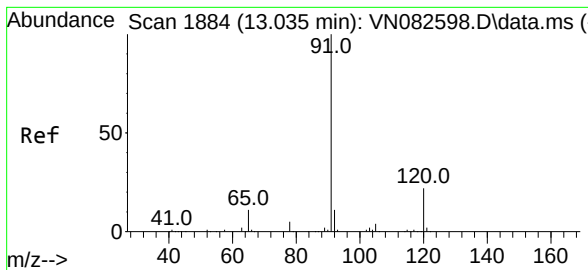


#73
Isopropylbenzene
Concen: 16.091 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39



Tgt Ion:105 Resp: 118434
Ion Ratio Lower Upper
105 100
120 27.4 12.9 38.6





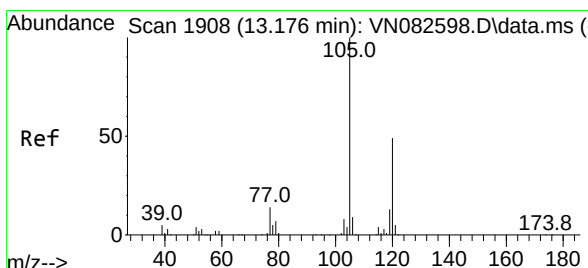
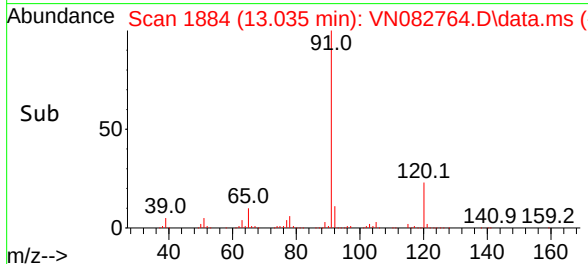
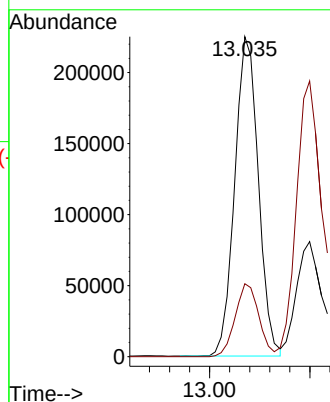
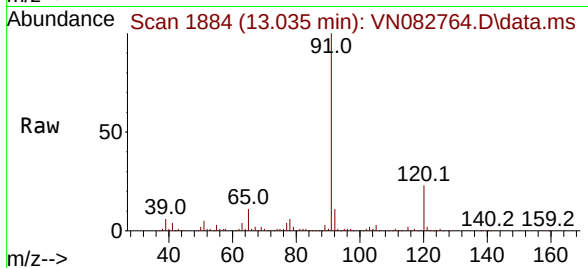
#78
n-propylbenzene
Concen: 42.294 ug/l
RT: 13.035 min Scan# 1163
Delta R.T. 0.000 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

Instrument :
MSVOA_N
ClientSampleId :
163

Tgt Ion: 91 Resp: 367560
Ion Ratio Lower Upper
91 100
120 22.9 10.9 32.9

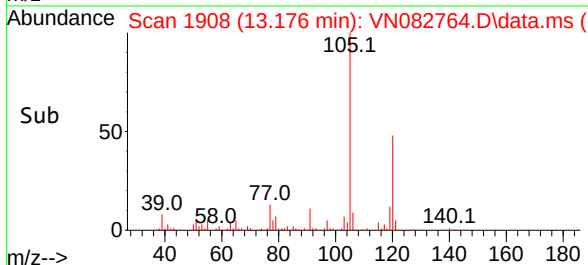
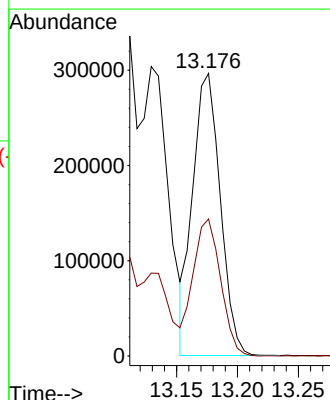
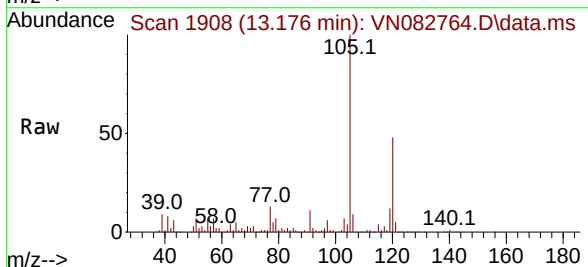
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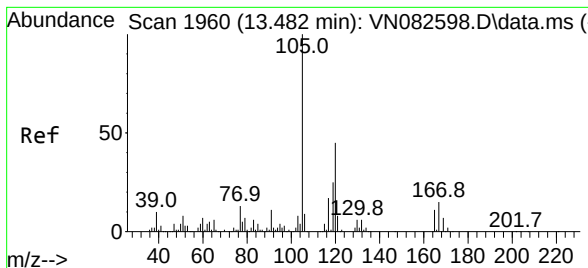
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#80
1,3,5-Trimethylbenzene
Concen: 77.080 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

Tgt Ion:105 Resp: 466031
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8





#84

1,2,4-Trimethylbenzene

Concen: 366.097 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082764.D

Acq: 01 Jul 2024 14:39

Instrument :

MSVOA_N

ClientSampleId :

163

Tgt Ion:105 Resp: 218775

Ion Ratio Lower Upper

105 100

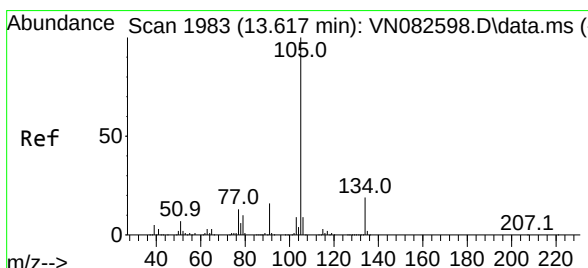
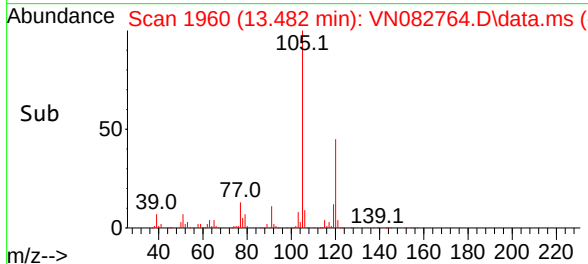
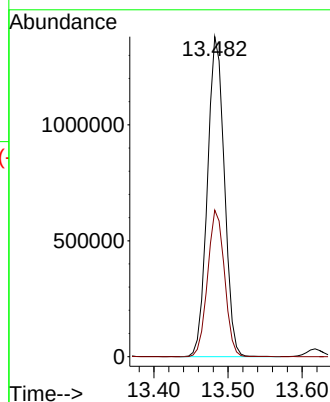
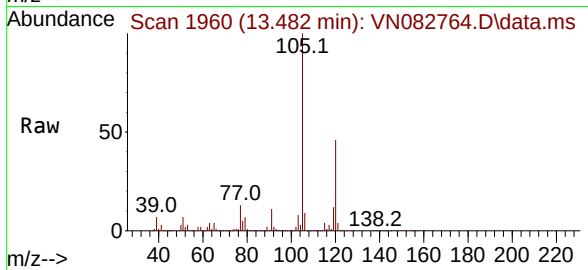
120 45.7 21.9 65.8

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Reviewed By :John Carlone 07/02/2024

Supervised By :Mahesh Dadoda 07/02/2024



#85

sec-Butylbenzene

Concen: 7.477 ug/l m

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN082764.D

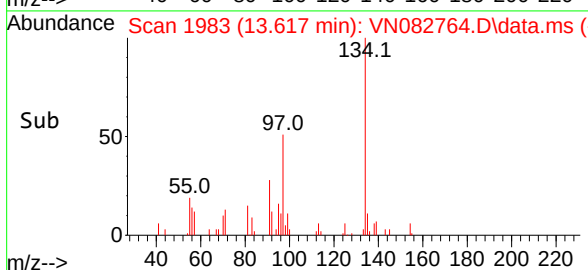
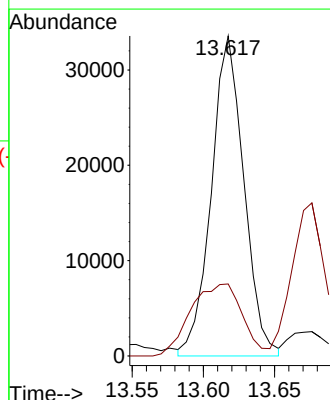
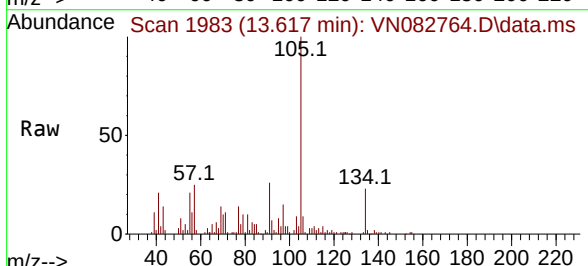
Acq: 01 Jul 2024 14:39

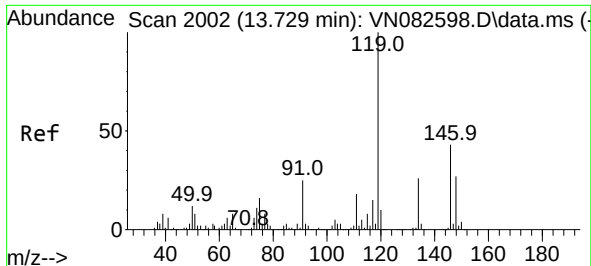
Tgt Ion:105 Resp: 53307

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#





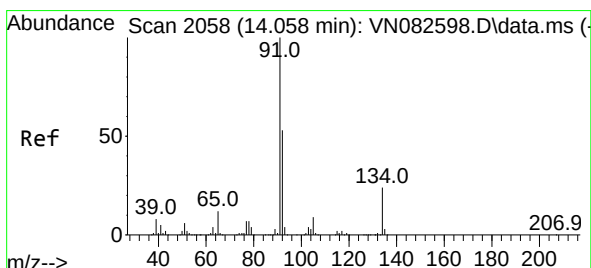
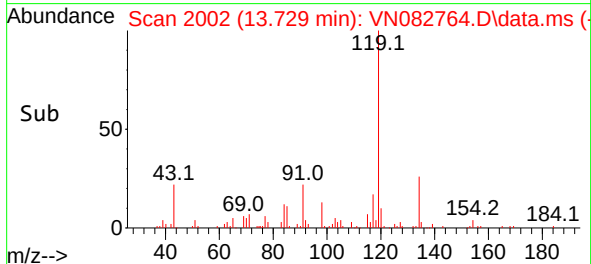
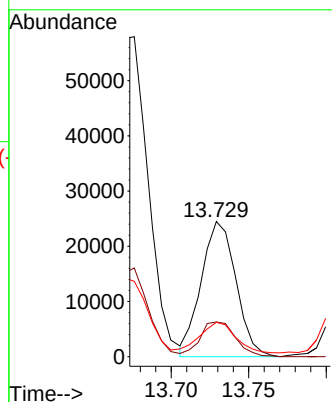
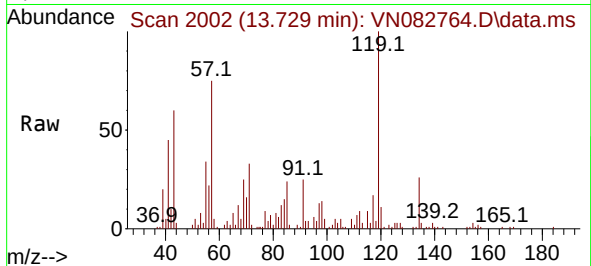
#86
p-Isopropyltoluene
Concen: 6.700 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

Instrument :
MSVOA_N
ClientSampleId :
163

Tgt Ion: 119 Resp: 3827
Ion Ratio Lower Upper
119 100
134 26.2 13.0 39.0
91 23.2 12.3 36.9

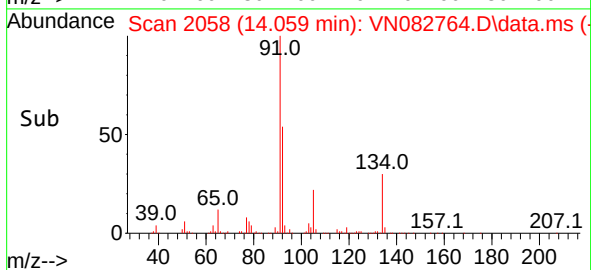
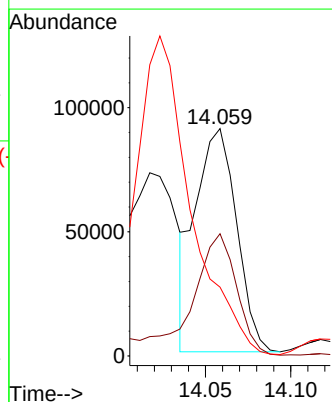
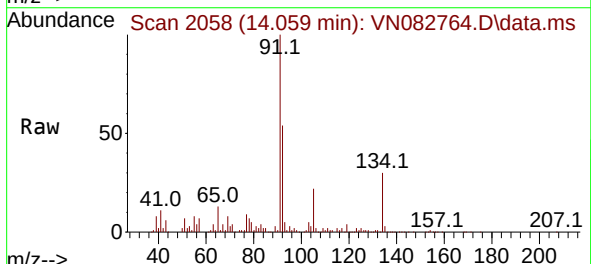
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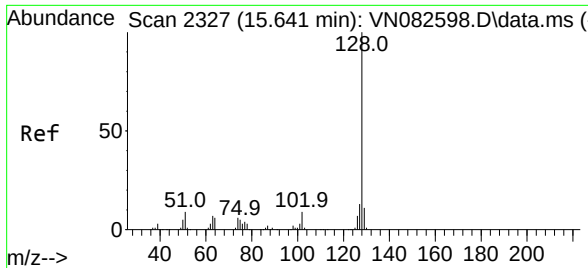
Reviewed By :John Carlone 07/02/2024
Supervised By :Mahesh Dadoda 07/02/2024



#89
n-Butylbenzene
Concen: 29.609 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

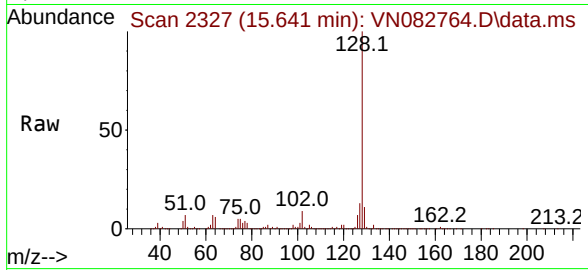
Tgt Ion: 91 Resp: 149761
Ion Ratio Lower Upper
91 100
92 58.4 26.1 78.3
134 0.0 12.1 36.3#





#95
Naphthalene
Concen: 183.103 ug/l
RT: 15.641 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VN082764.D
Acq: 01 Jul 2024 14:39

Instrument :
MSVOA_N
ClientSampleId :
163



Tgt Ion:128 Resp: 987538

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.1	8.6	12.8

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

