

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075872.D
 Acq On : 19 Dec 2022 15:34
 Operator : JC\MD
 Sample : N6066-21DL 800X
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 5922DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/19/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 19 15:52:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	406123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	628566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	547332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	202308	45.789	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.580%		
35) Dibromofluoromethane	8.177	113	183146	47.050	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.100%		
50) Toluene-d8	10.571	98	723178	49.689	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.380%		
62) 4-Bromofluorobenzene	12.853	95	231459	48.016	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.040%		
Target Compounds					Qvalue	
31) Cyclohexane	8.235	56	18052m	2.853	ug/l	
39) Methylcyclohexane	9.606	83	16371	2.624	ug/l	90
40) Benzene	8.612	78	28163	1.765	ug/l	93
52) Toluene	10.635	92	316028	30.415	ug/l	99
67) Ethyl Benzene	11.965	91	129755	6.844	ug/l	96
68) m/p-Xylenes	12.070	106	168695	22.480	ug/l	98
69) o-Xylene	12.400	106	69922	9.415	ug/l	100
78) n-propylbenzene	13.041	91	45994	2.434	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	44522	3.104	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	173523	12.197	ug/l	99

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

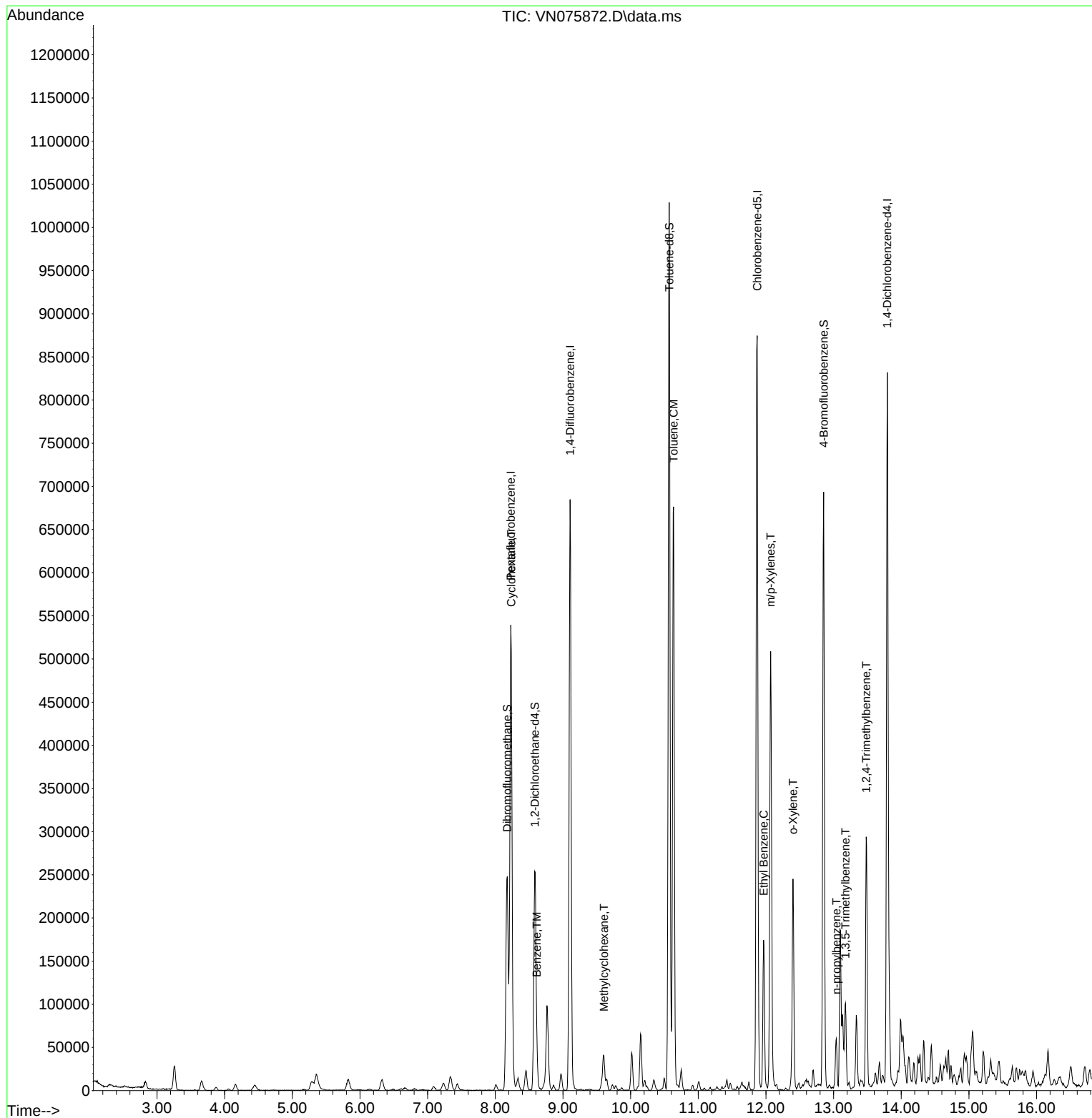
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
Data File : VN075872.D
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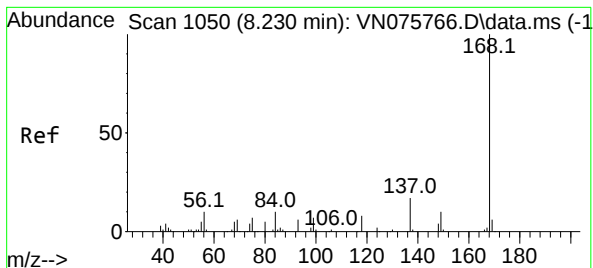
Instrument :
MSVOA_N
ClientSampleId :
5922DL

Quant Time: Dec 19 15:52:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VN075872.D

Acq: 19 Dec 2022 15:34

Instrument :

MSVOA_N

ClientSampleId :

5922DL

Tgt Ion:168 Resp: 406123

Ion Ratio Lower Upper

168 100

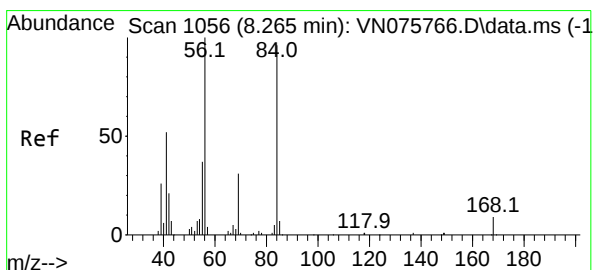
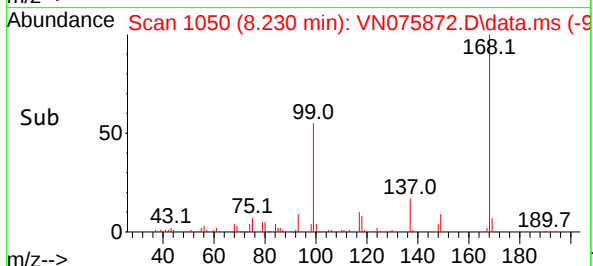
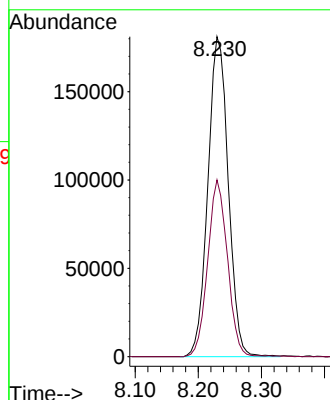
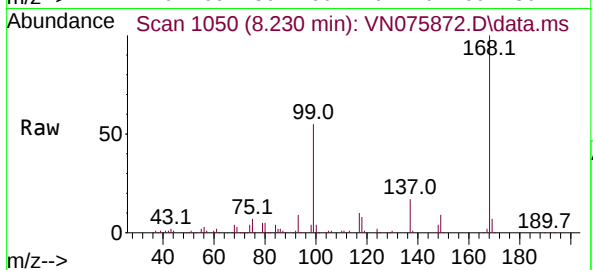
99 55.2 44.2 66.4

Manual Integrations

APPROVED

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#31

Cyclohexane

Concen: 2.853 ug/l m

RT: 8.235 min Scan# 1051

Delta R.T. -0.029 min

Lab File: VN075872.D

Acq: 19 Dec 2022 15:34

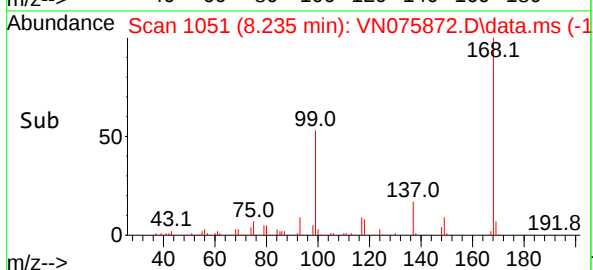
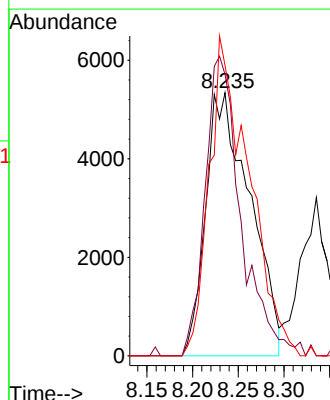
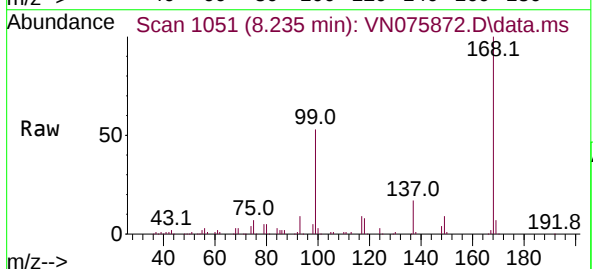
Tgt Ion: 56 Resp: 18052

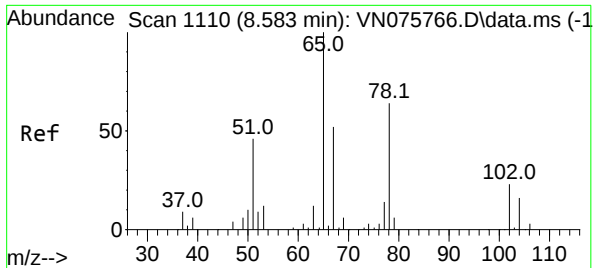
Ion Ratio Lower Upper

56 100

69 107.0 24.7 37.1#

84 110.4 76.5 114.7





#33

1,2-Dichloroethane-d4

Concen: 45.789 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075872.D

Acq: 19 Dec 2022 15:34

Instrument :

MSVOA_N

ClientSampleId :

5922DL

Tgt Ion: 65 Resp: 202308

Ion Ratio Lower Upper

65 100

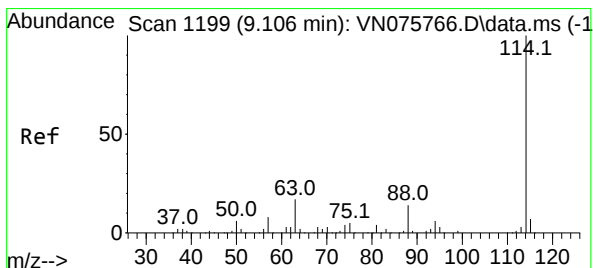
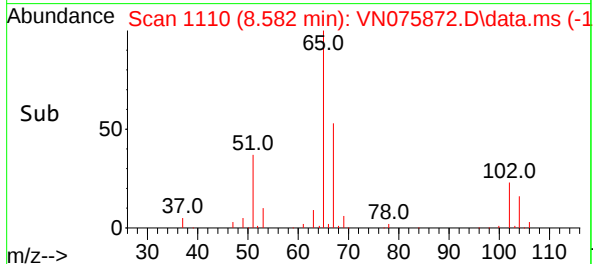
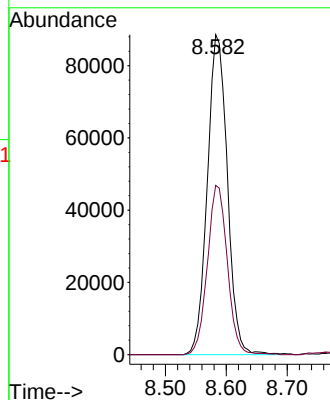
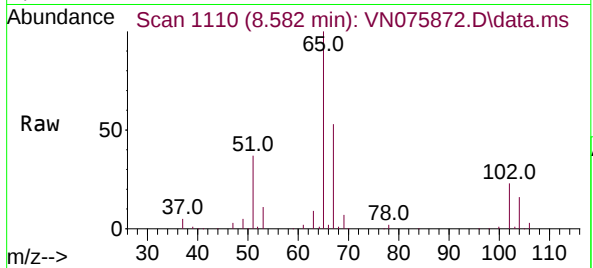
67 52.7 0.0 103.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075872.D

Acq: 19 Dec 2022 15:34

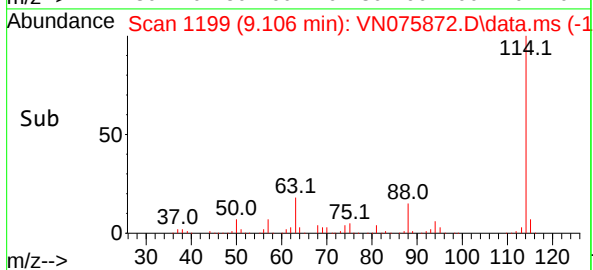
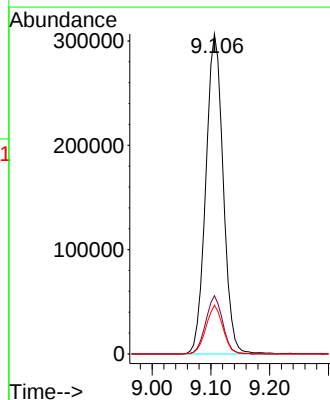
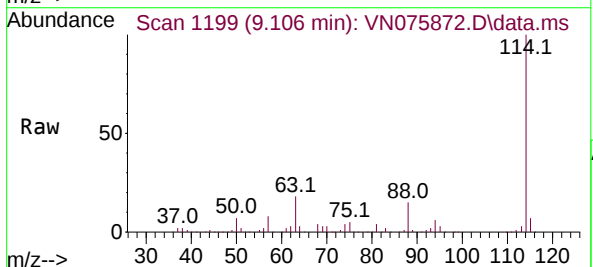
Tgt Ion:114 Resp: 628566

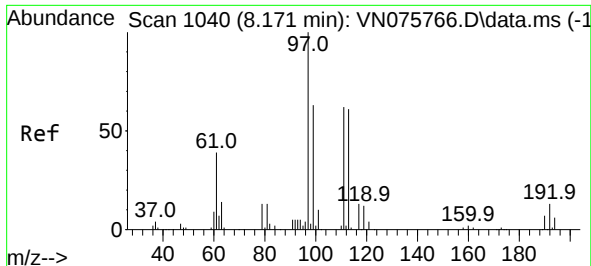
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.4

88 15.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.050 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075872.D

Acq: 19 Dec 2022 15:34

Instrument :

MSVOA_N

ClientSampleId :

5922DL

Tgt Ion:113 Resp: 183146

Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

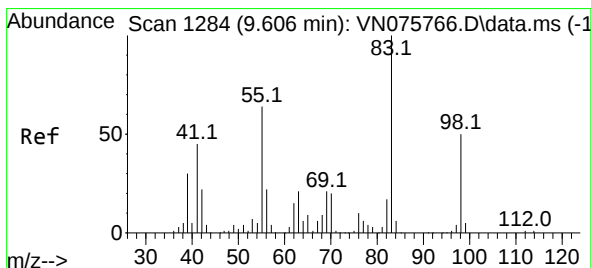
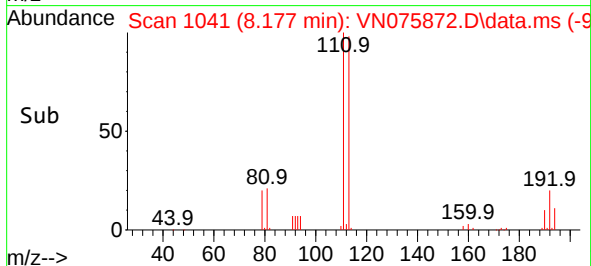
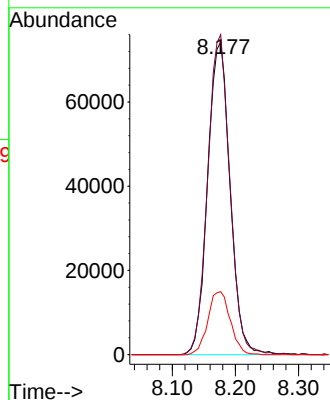
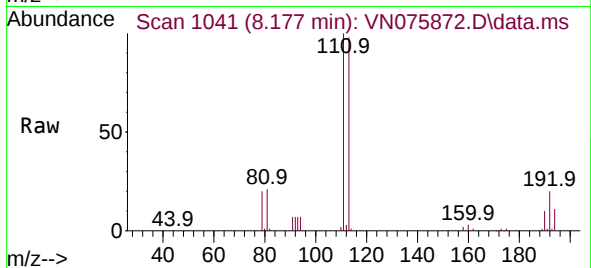
192 20.1 16.1 24.1

Manual Integrations

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#39

Methylcyclohexane

Concen: 2.624 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VN075872.D

Acq: 19 Dec 2022 15:34

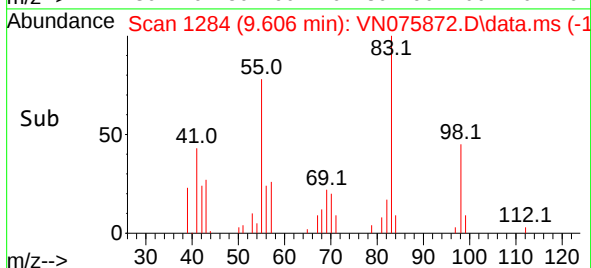
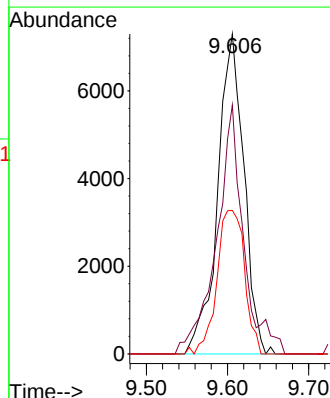
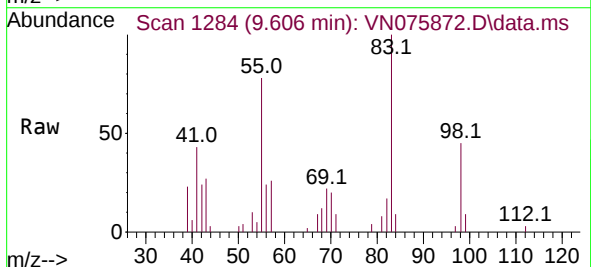
Tgt Ion: 83 Resp: 16371

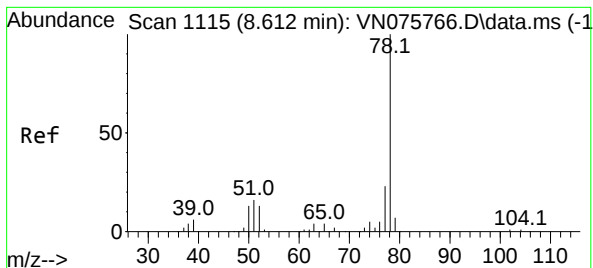
Ion Ratio Lower Upper

83 100

55 74.2 51.4 77.0

98 44.8 39.8 59.8





#40

Benzene

Concen: 1.765 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN075872.D

Acq: 19 Dec 2022 15:34

Instrument :

MSVOA_N

ClientSampleId :

5922DL

Tgt Ion: 78 Resp: 28163

Ion Ratio Lower Upper

78 100

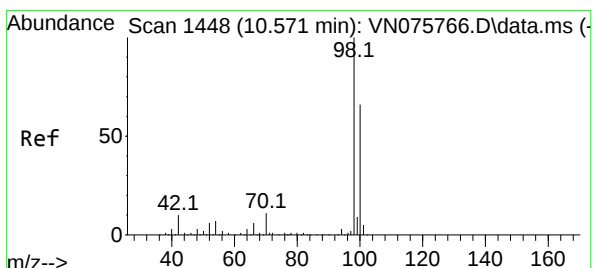
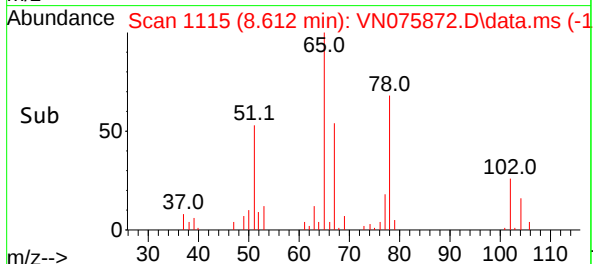
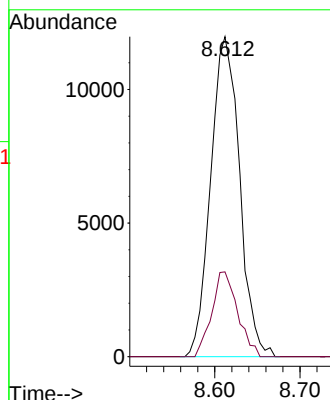
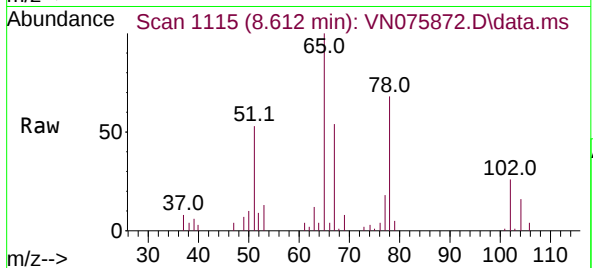
77 26.5 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/19/2022

Supervised By :Mahesh Dadoda 12/20/2022



#50

Toluene-d8

Concen: 49.689 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075872.D

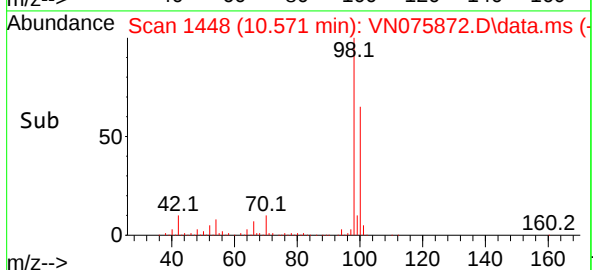
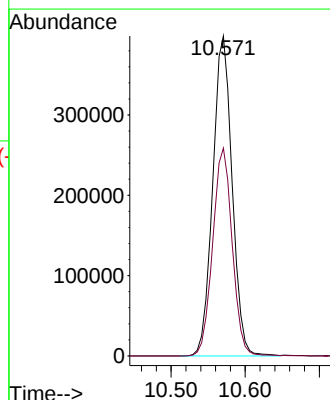
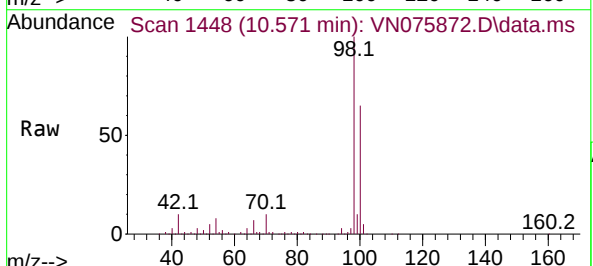
Acq: 19 Dec 2022 15:34

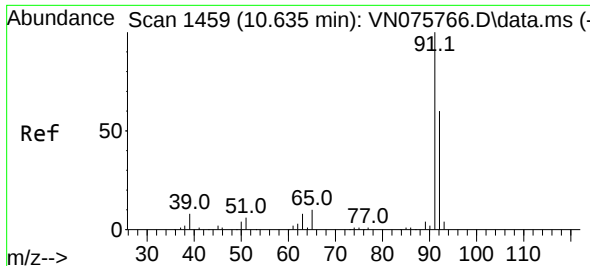
Tgt Ion: 98 Resp: 723178

Ion Ratio Lower Upper

98 100

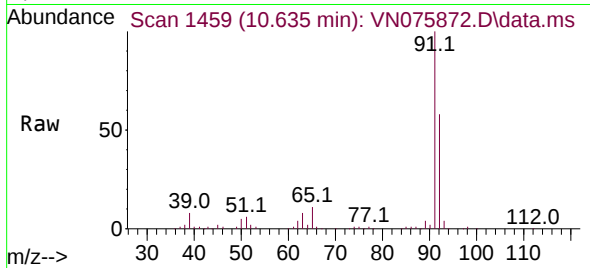
100 65.4 52.1 78.1





#52
Toluene
Concen: 30.415 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075872.D
Acq: 19 Dec 2022 15:34

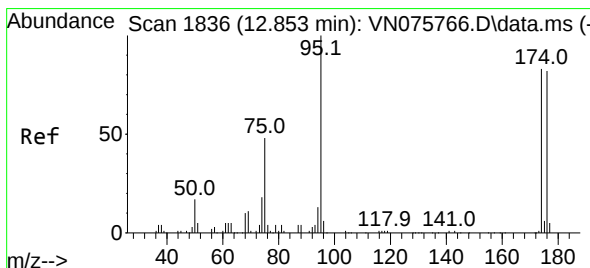
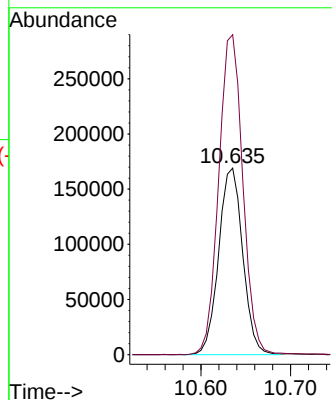
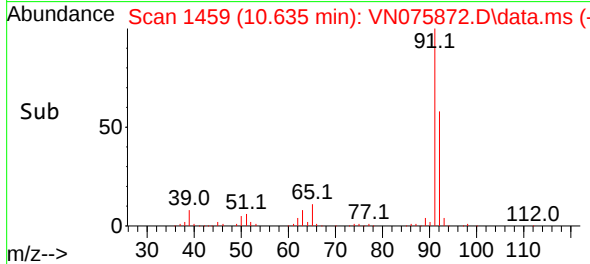
Instrument :
MSVOA_N
ClientSampleId :
5922DL



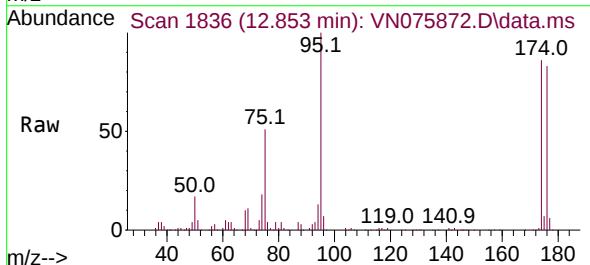
Tgt Ion: 92 Resp: 316028
Ion Ratio Lower Upper
92 100
91 172.6 137.3 205.9

Manual Integrations
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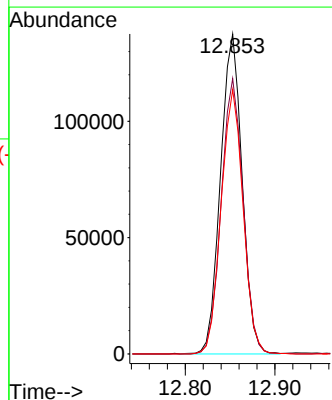
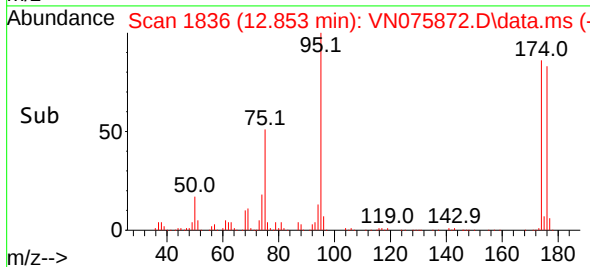
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/20/2022

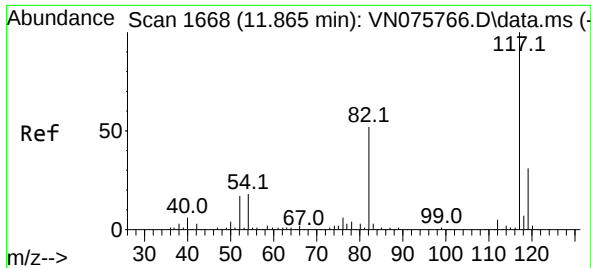


#62
4-Bromofluorobenzene
Concen: 48.016 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075872.D
Acq: 19 Dec 2022 15:34



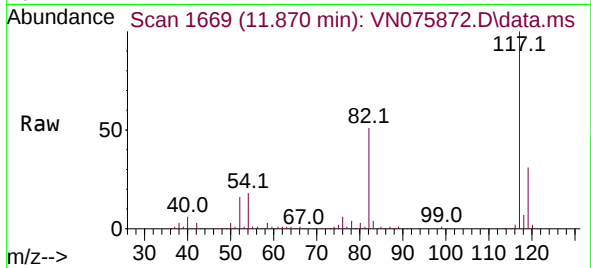
Tgt Ion: 95 Resp: 231459
Ion Ratio Lower Upper
95 100
174 86.7 0.0 171.6
176 83.7 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075872.D
Acq: 19 Dec 2022 15:34

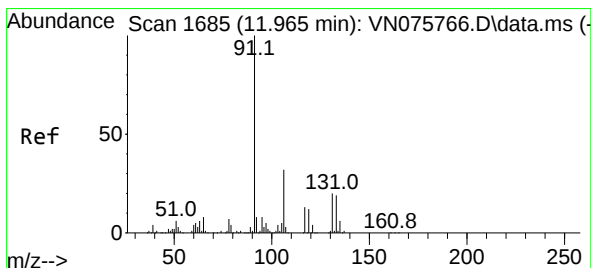
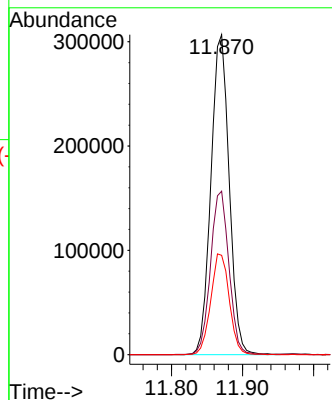
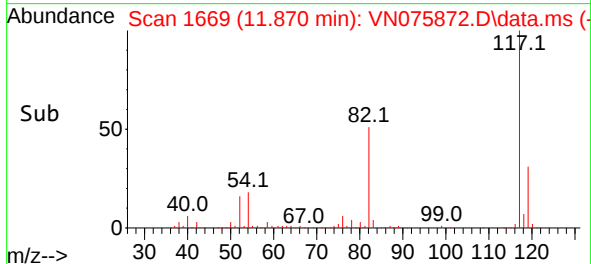
Instrument :
MSVOA_N
ClientSampleId :
5922DL



Tgt Ion:117 Resp: 547332
Ion Ratio Lower Upper
117 100
82 51.0 41.3 61.9
119 31.1 24.6 37.0

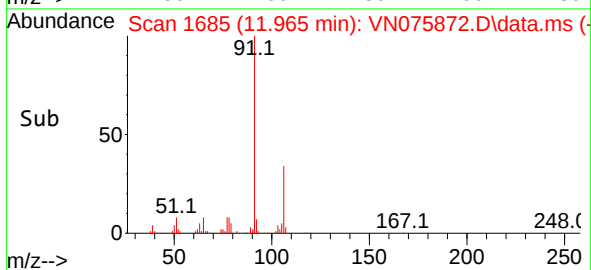
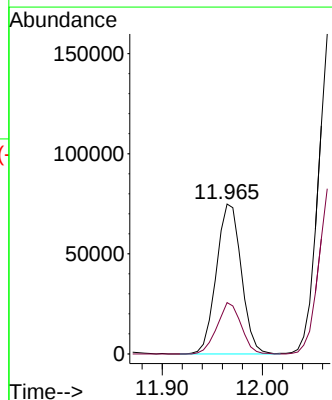
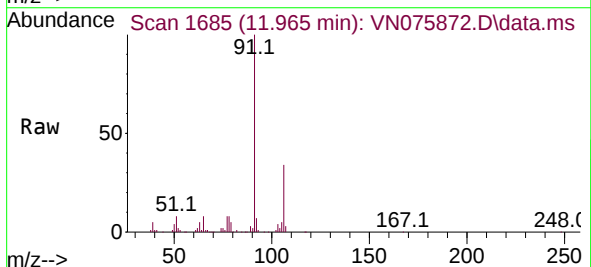
Manual Integrations
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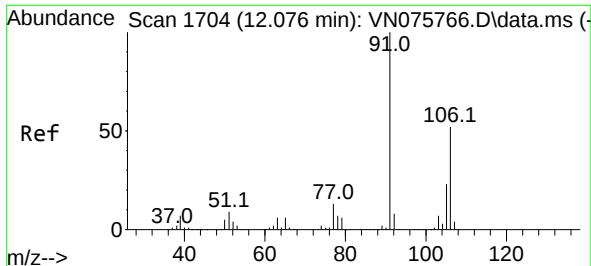
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/20/2022



#67
Ethyl Benzene
Concen: 6.844 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075872.D
Acq: 19 Dec 2022 15:34

Tgt Ion: 91 Resp: 129755
Ion Ratio Lower Upper
91 100
106 34.2 25.7 38.5





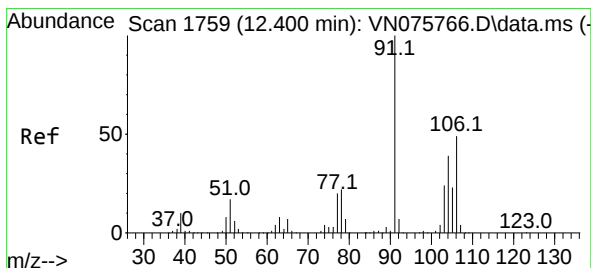
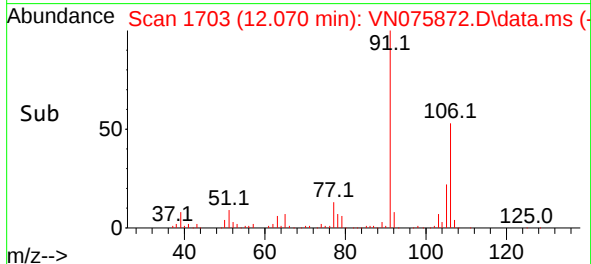
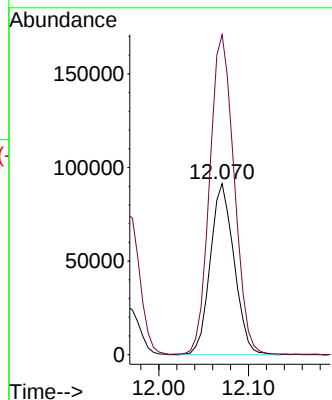
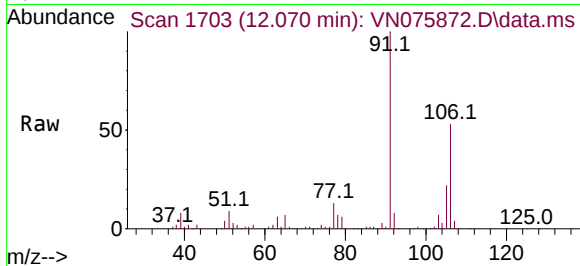
#68
m/p-Xylenes
Concen: 22.480 ug/l
RT: 12.070 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN075872.D
Acq: 19 Dec 2022 15:34

Instrument :
MSVOA_N
ClientSampleId :
5922DL

Tgt Ion:106 Resp: 168695
Ion Ratio Lower Upper
106 100
91 192.7 156.6 235.0

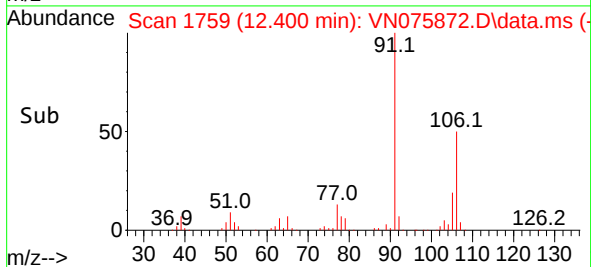
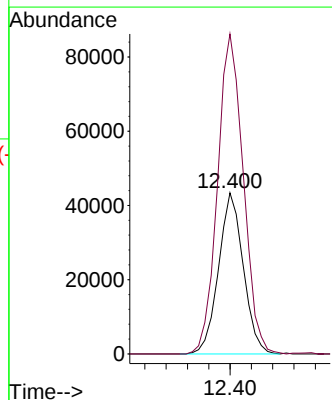
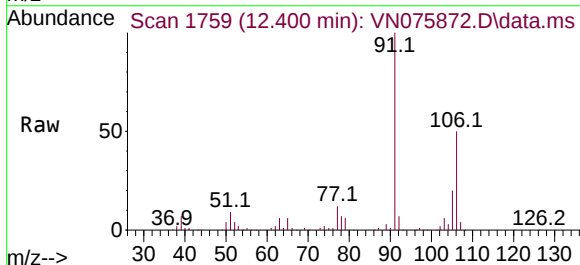
Manual Integrations
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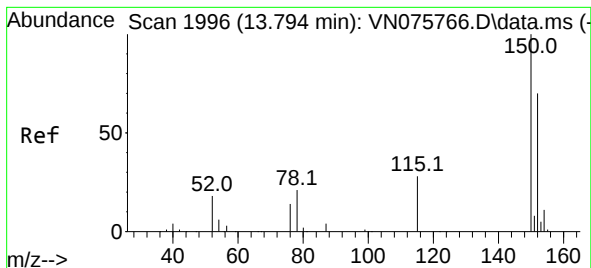
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/20/2022



#69
o-Xylene
Concen: 9.415 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075872.D
Acq: 19 Dec 2022 15:34

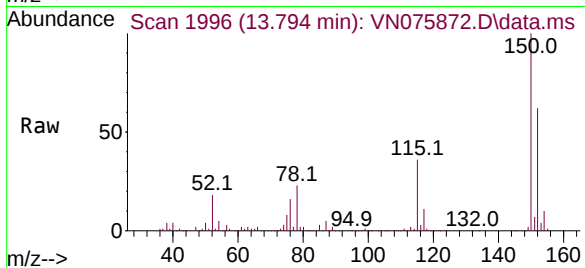
Tgt Ion:106 Resp: 69922
Ion Ratio Lower Upper
106 100
91 207.0 103.8 311.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075872.D
Acq: 19 Dec 2022 15:34

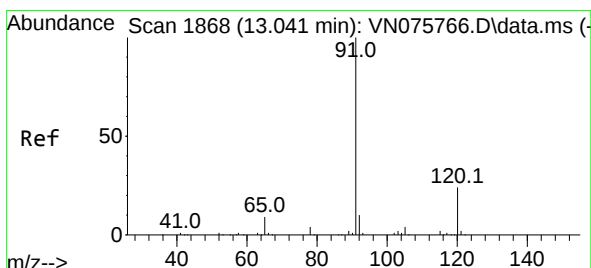
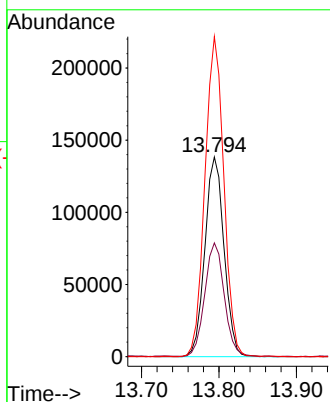
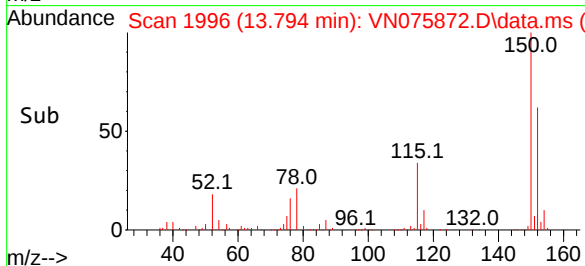
Instrument :
MSVOA_N
ClientSampleId :
5922DL



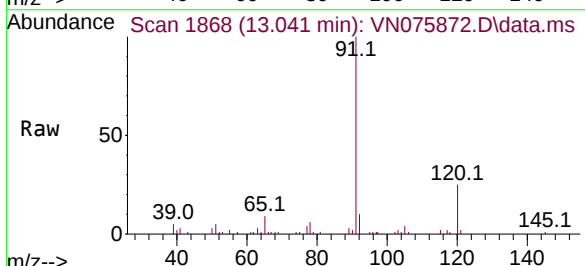
Tgt Ion:152 Resp: 237120
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.4
150 158.2 0.0 347.0

Manual Integrations
APPROVED

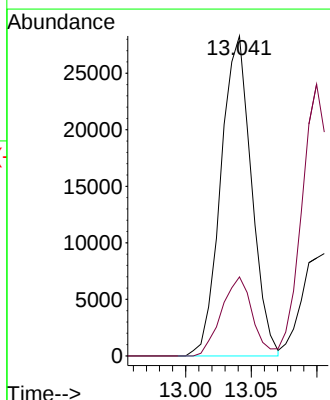
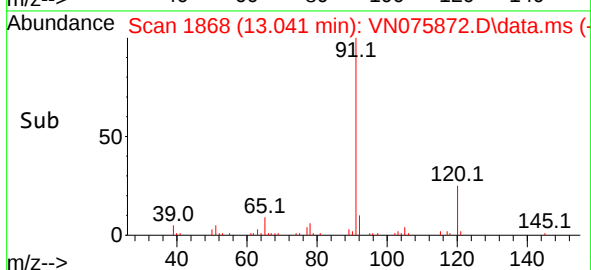
Reviewed By :John Carlone 12/19/2022
Supervised By :Mahesh Dadoda 12/20/2022

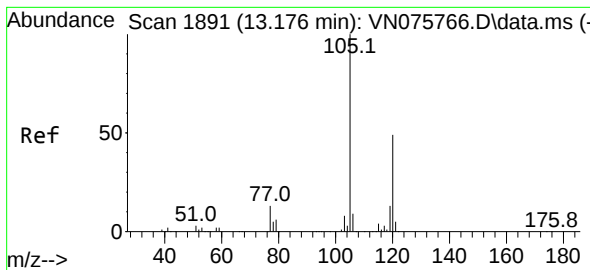


#78
n-propylbenzene
Concen: 2.434 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075872.D
Acq: 19 Dec 2022 15:34



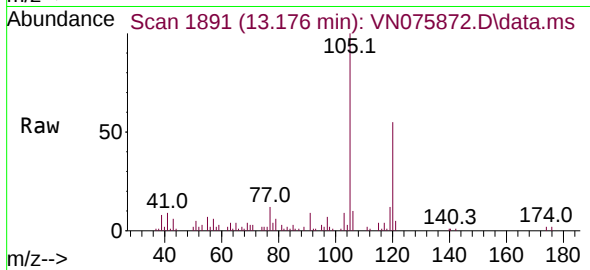
Tgt Ion: 91 Resp: 45994
Ion Ratio Lower Upper
91 100
120 24.6 12.0 36.1





#80
 1,3,5-Trimethylbenzene
 Concen: 3.104 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. -0.000 min
 Lab File: VN075872.D
 Acq: 19 Dec 2022 15:34

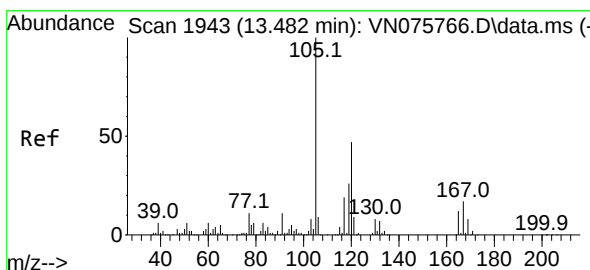
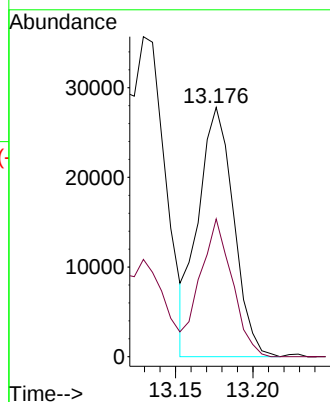
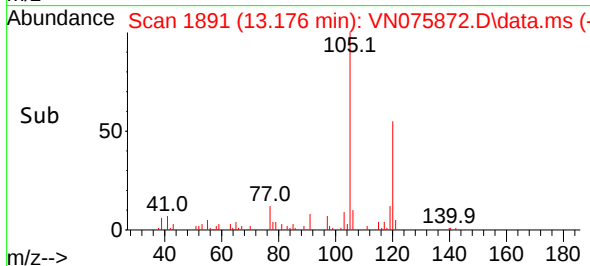
Instrument :
 MSVOA_N
 ClientSampleId :
 5922DL



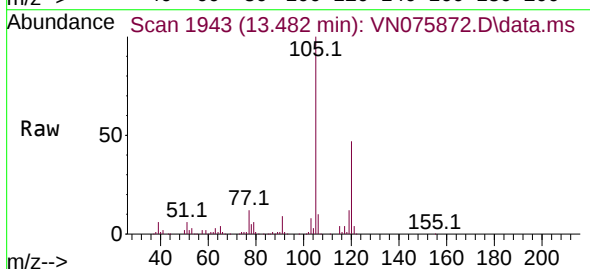
Tgt Ion:105 Resp: 44522
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.7 74.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/19/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#84
 1,2,4-Trimethylbenzene
 Concen: 12.197 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.000 min
 Lab File: VN075872.D
 Acq: 19 Dec 2022 15:34



Tgt Ion:105 Resp: 173523
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.3 69.8

