

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075591.D
 Acq On : 06 Dec 2022 17:50
 Operator : JC\MD
 Sample : N5876-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BRI-12-02-SIL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 07 00:17:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	212993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	347009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	314896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	56391	49.322	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.640%		
35) Dibromofluoromethane	8.171	113	71669	52.575	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.160%		
50) Toluene-d8	10.571	98	157788	51.393	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.780%		
62) 4-Bromofluorobenzene	12.853	95	118572	52.323	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.640%		
Target Compounds					Qvalue	
16) Acetone	4.448	43	29399	27.568	ug/l	96
25) 2-Butanone	7.494	43	22915m	15.391	ug/l	
40) Benzene	8.612	78	44328	4.870	ug/l	92
49) 1,4-Dioxane	9.700	88	5567m	98.683	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	6396	2.337	ug/l	90
52) Toluene	10.635	92	42571	7.258	ug/l	93
67) Ethyl Benzene	11.965	91	28793	2.595	ug/l	97
68) m/p-Xylenes	12.071	106	48618	10.791	ug/l	99
69) o-Xylene	12.400	106	29838	6.666	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	9807	1.003	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	53558	5.459	ug/l	96
95) Naphthalene	15.641	128	10100	1.167	ug/l #	74

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

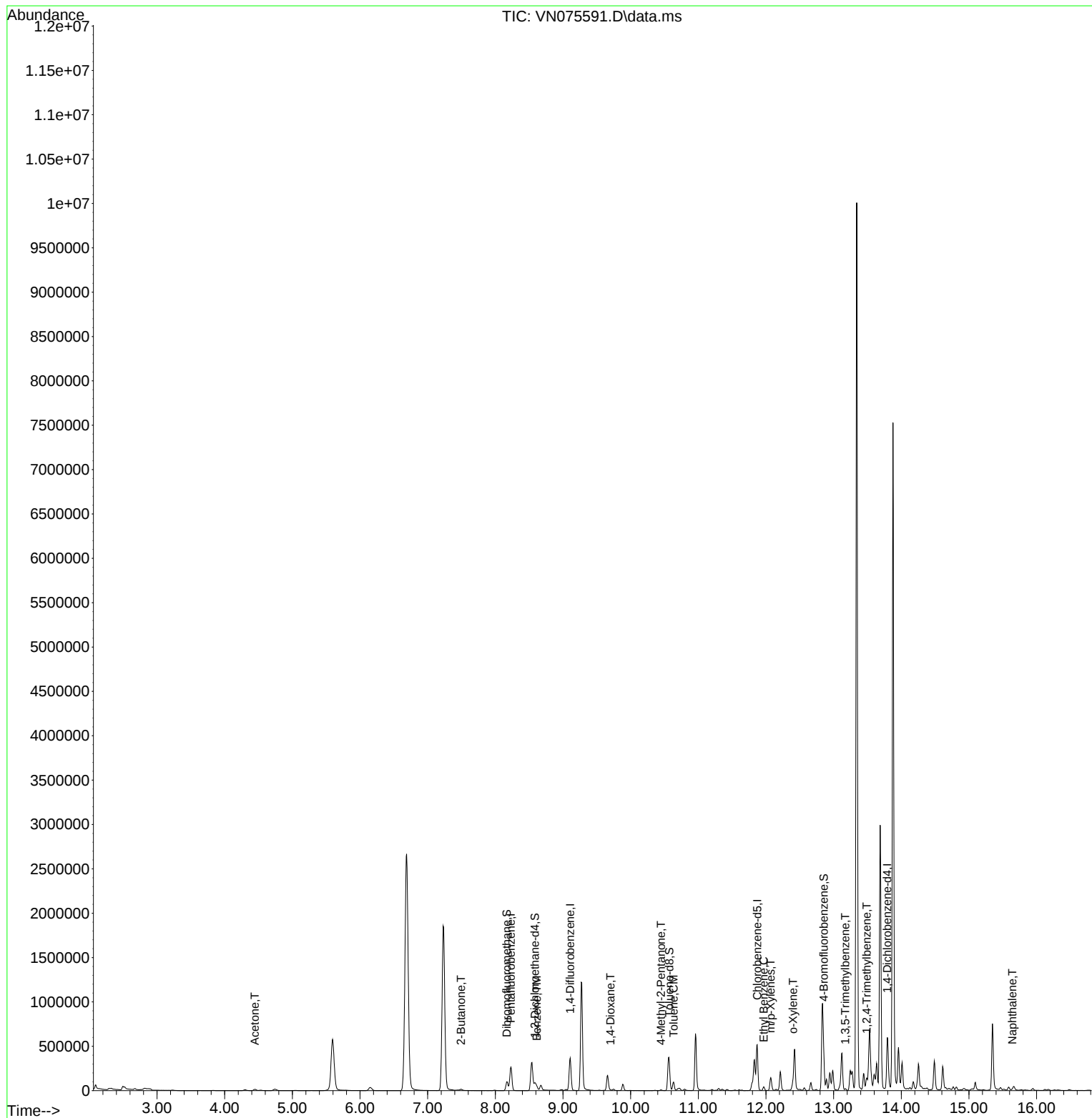
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
Data File : VN075591.D
Acq On : 06 Dec 2022 17:50
Operator : JC\MD
Sample : N5876-05 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

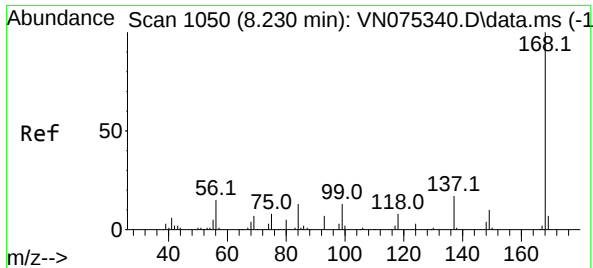
Instrument :
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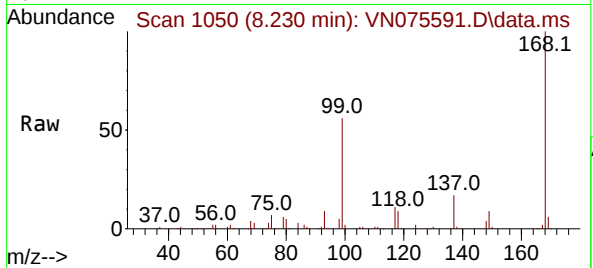
Quant Time: Dec 07 00:17:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075591.D
Acq: 06 Dec 2022 17:50

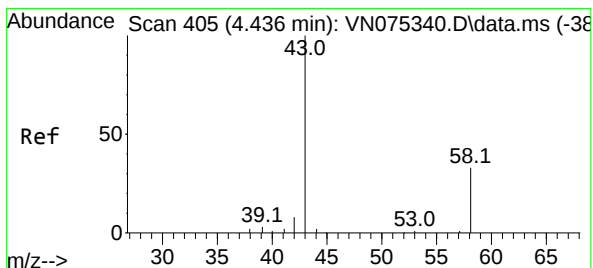
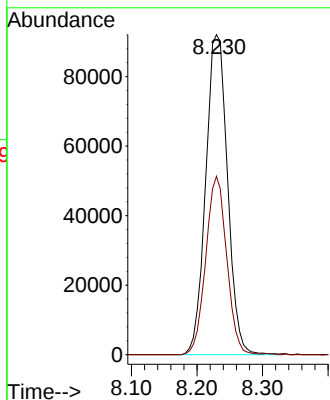
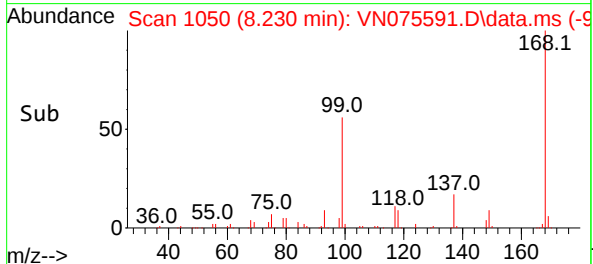
Instrument :
MSVOA_N
ClientSampleId :
BRI-12-02-SIL



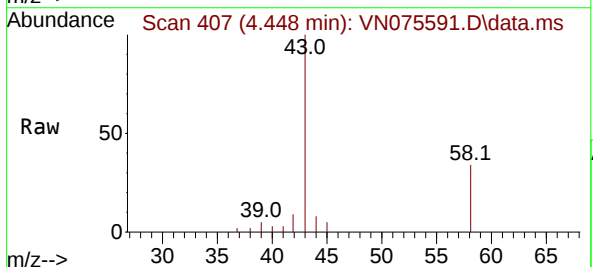
Tgt Ion:168 Resp: 21299
Ion Ratio Lower Upper
168 100
99 55.7 51.6 77.4

Manual Integrations
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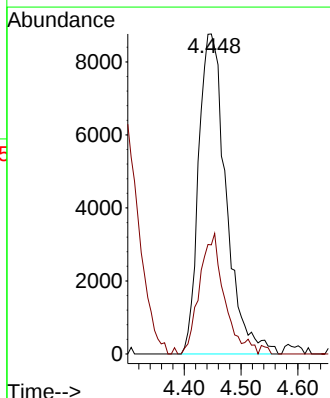
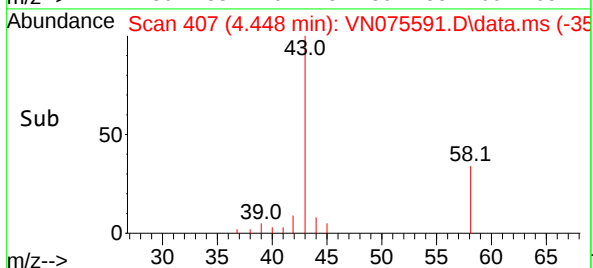
Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022

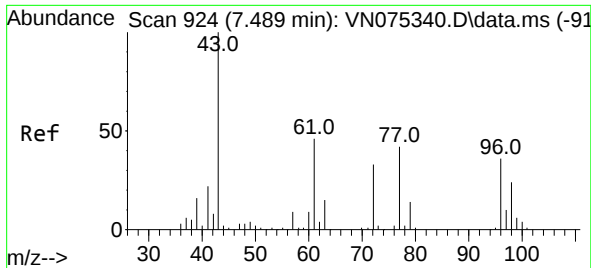


#16
Acetone
Concen: 27.568 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN075591.D
Acq: 06 Dec 2022 17:50



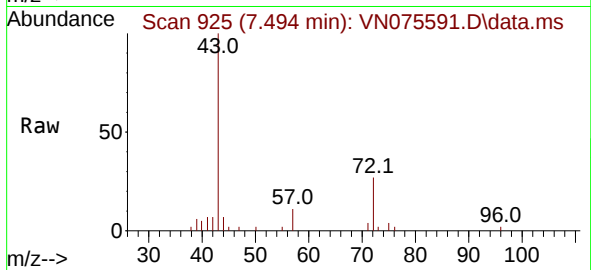
Tgt Ion: 43 Resp: 29399
Ion Ratio Lower Upper
43 100
58 34.1 25.5 38.3





#25
2-Butanone
Concen: 15.391 ug/l m
RT: 7.494 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075591.D
Acq: 06 Dec 2022 17:50

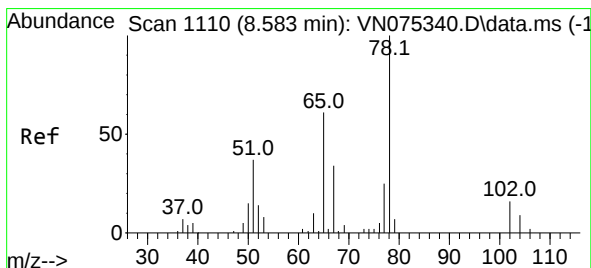
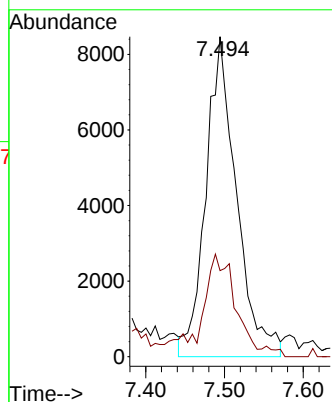
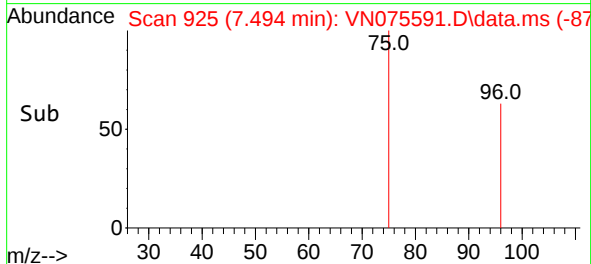
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 43 Resp: 22915
Ion Ratio Lower Upper
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72 26.9 25.5 38.3

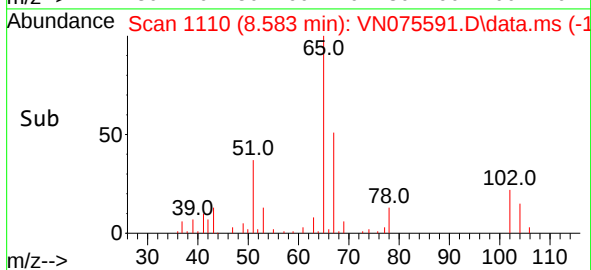
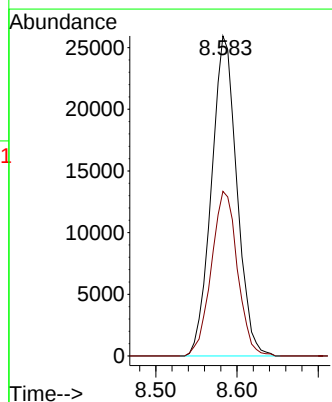
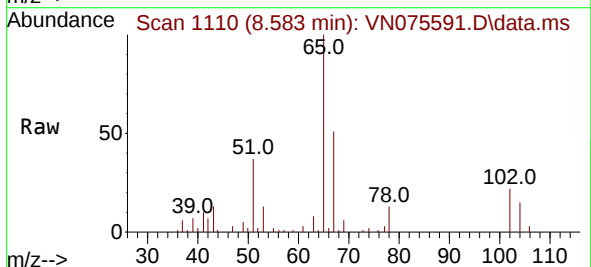
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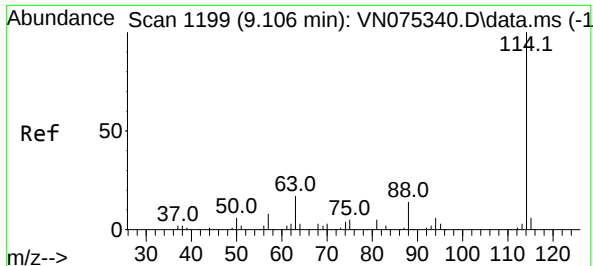
Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022



#33
1,2-Dichloroethane-d4
Concen: 49.322 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075591.D
Acq: 06 Dec 2022 17:50

Tgt Ion: 65 Resp: 56391
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075591.D

Acq: 06 Dec 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

BRI-12-02-SIL

Tgt Ion:114 Resp: 347009

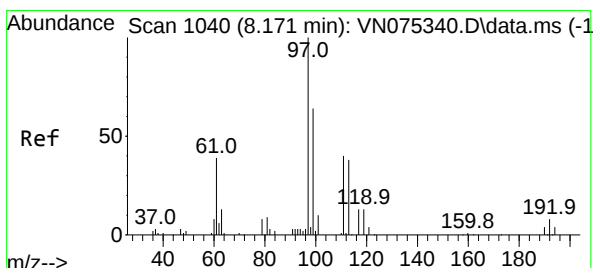
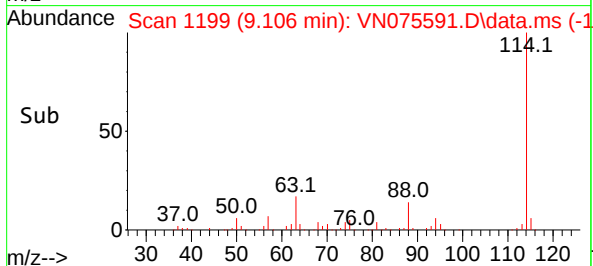
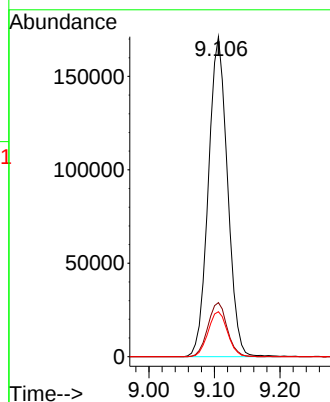
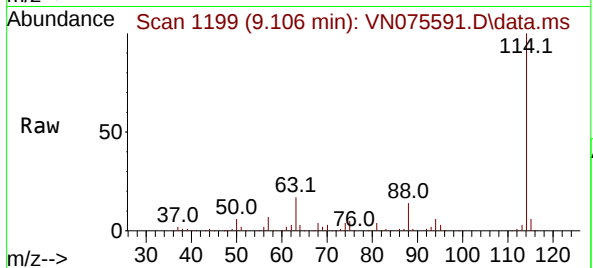
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	39.6
88	14.0	0.0	29.0

Manual Integrations

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Supervised By :Mahesh Dadoda 12/07/2022



#35

Dibromofluoromethane

Concen: 52.575 ug/l

RT: 8.171 min Scan# 1040

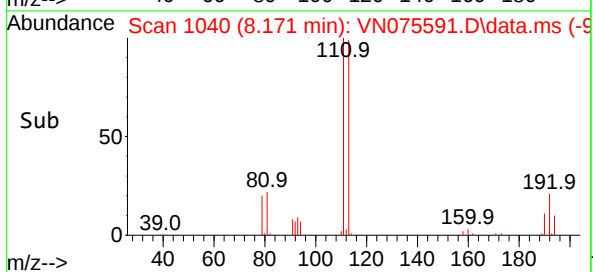
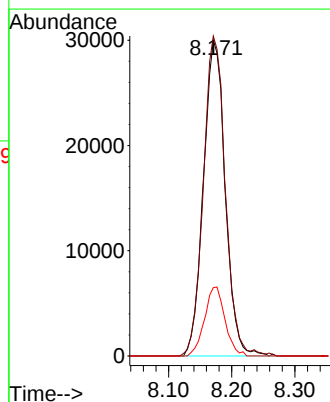
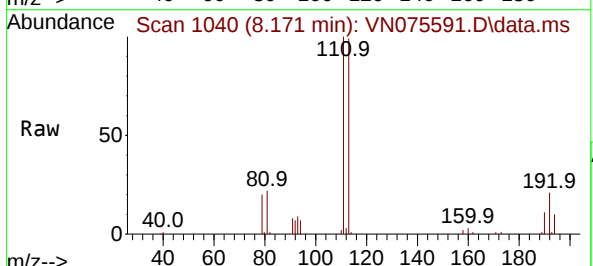
Delta R.T. -0.000 min

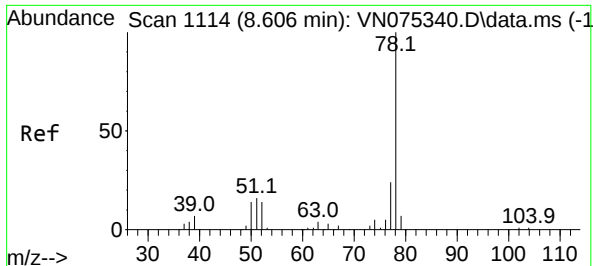
Lab File: VN075591.D

Acq: 06 Dec 2022 17:50

Tgt Ion:113 Resp: 71669

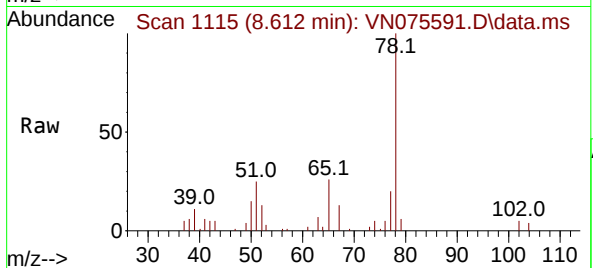
Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.5	120.7
192	20.5	13.2	19.8





#40
Benzene
Concen: 4.870 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075591.D
Acq: 06 Dec 2022 17:50

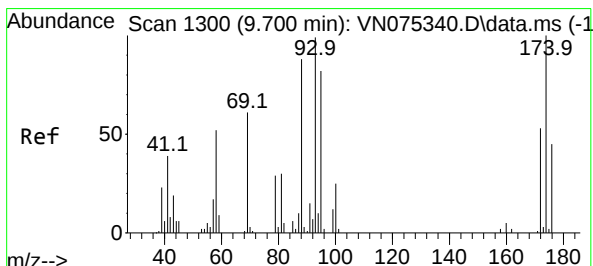
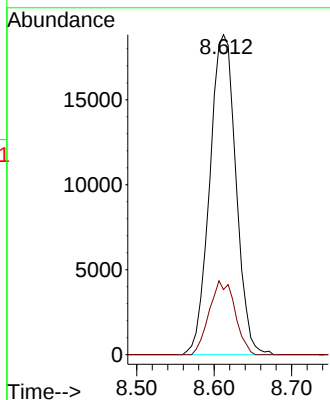
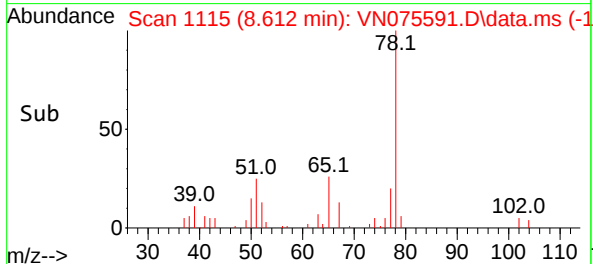
Instrument :
MSVOA_N
ClientSampleId :
BRI-12-02-SIL



Tgt Ion: 78 Resp: 44328
Ion Ratio Lower Upper
78 100
77 20.3 19.4 29.0

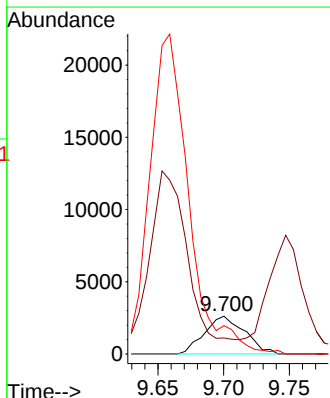
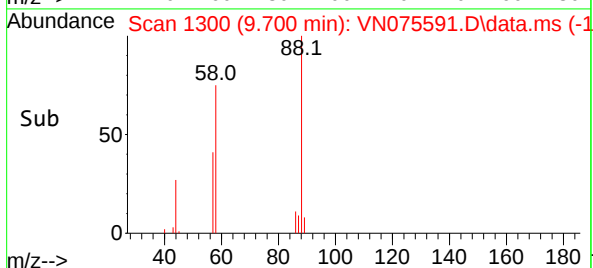
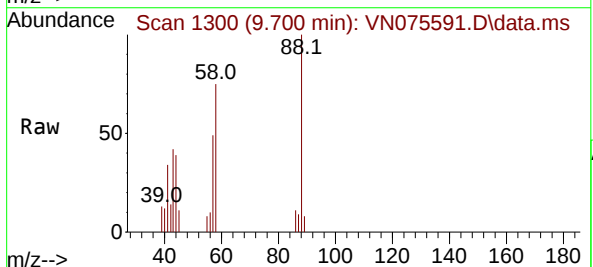
Manual Integrations
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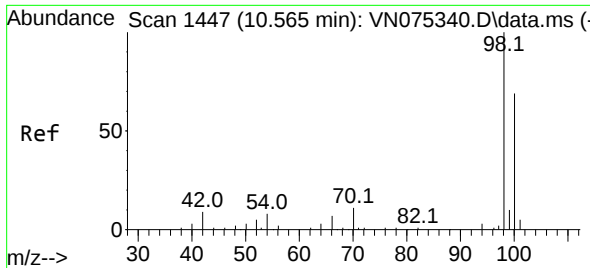
Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022



#49
1,4-Dioxane
Concen: 98.683 ug/l m
RT: 9.700 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN075591.D
Acq: 06 Dec 2022 17:50

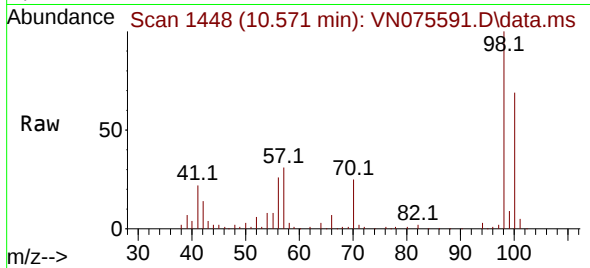
Tgt Ion: 88 Resp: 5567
Ion Ratio Lower Upper
88 100
43 0.0 17.5 26.3#
58 0.0 49.8 74.8#





#50
Toluene-d8
Concen: 51.393 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075591.D
Acq: 06 Dec 2022 17:50

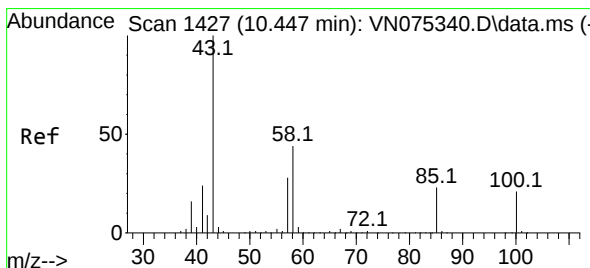
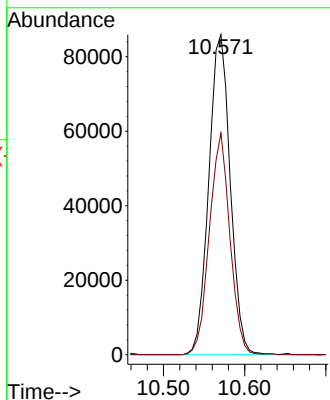
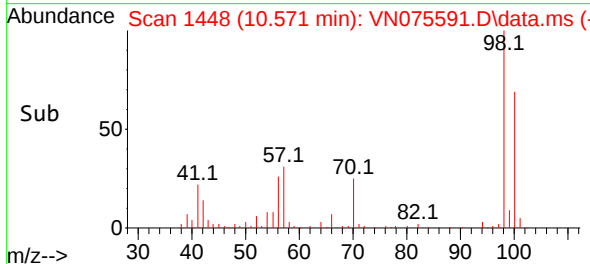
Instrument :
MSVOA_N
ClientSampleId :
BRI-12-02-SIL



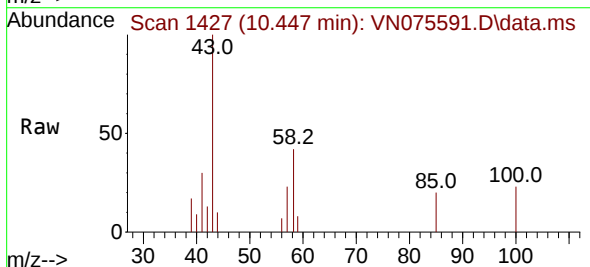
Tgt Ion: 98 Resp: 15778
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.6

Manual Integrations
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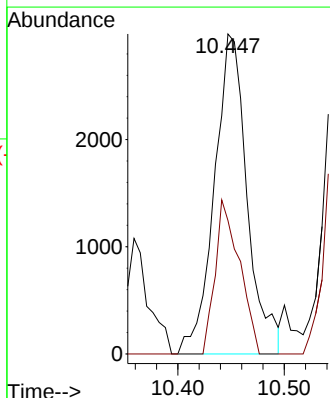
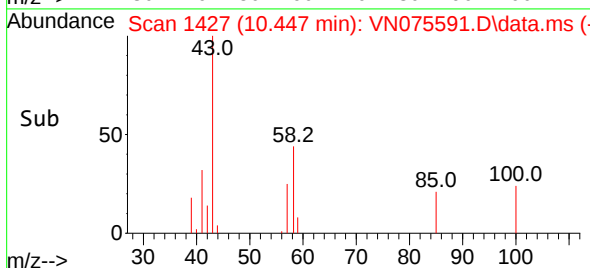
Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022

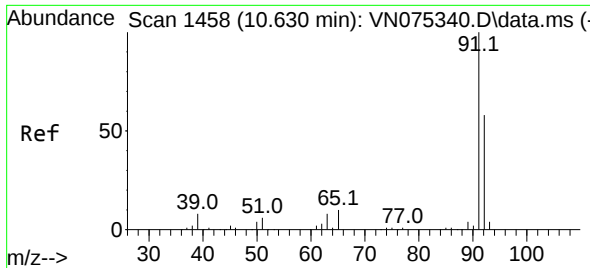


#51
4-Methyl-2-Pentanone
Concen: 2.337 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075591.D
Acq: 06 Dec 2022 17:50



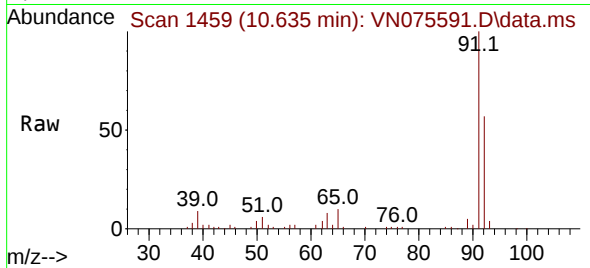
Tgt Ion: 43 Resp: 6396
Ion Ratio Lower Upper
43 100
58 35.6 33.6 50.4





#52
Toluene
Concen: 7.258 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075591.D
Acq: 06 Dec 2022 17:50

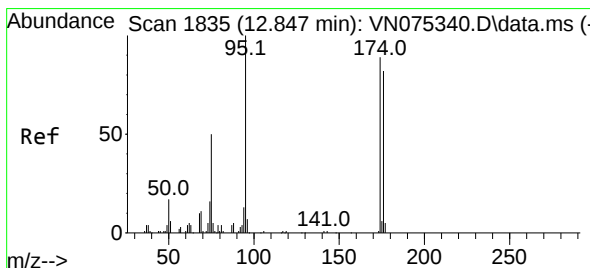
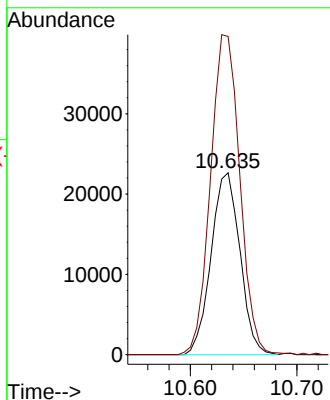
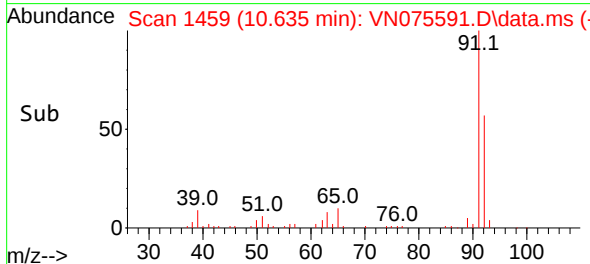
Instrument :
MSVOA_N
ClientSampleId :
BRI-12-02-SIL



Tgt Ion: 92 Resp: 42572
Ion Ratio Lower Upper
92 100
91 179.1 135.4 203.2

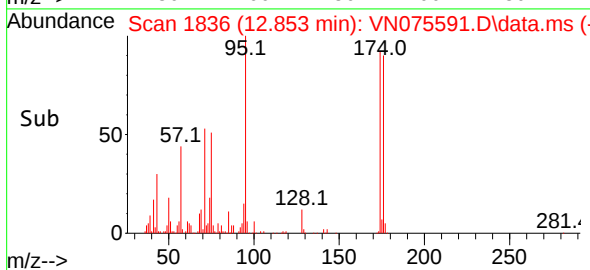
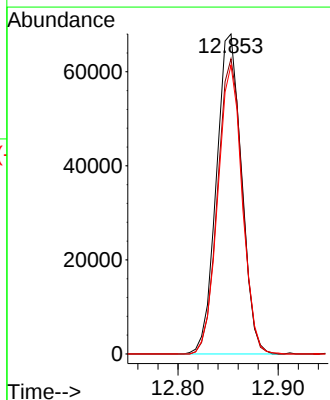
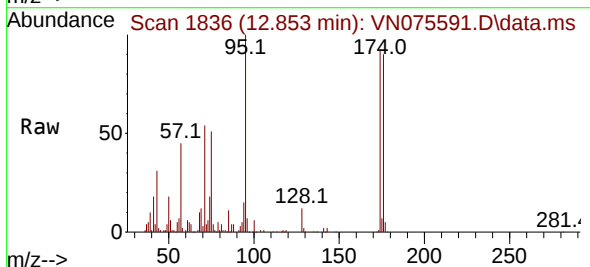
Manual Integrations
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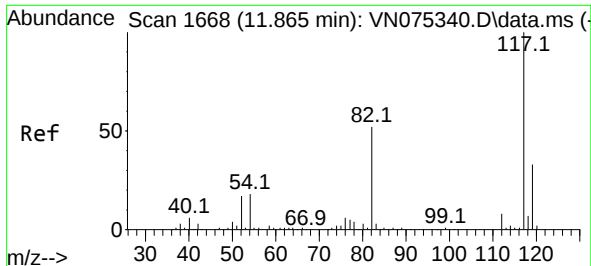
Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022



#62
4-Bromofluorobenzene
Concen: 52.323 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075591.D
Acq: 06 Dec 2022 17:50

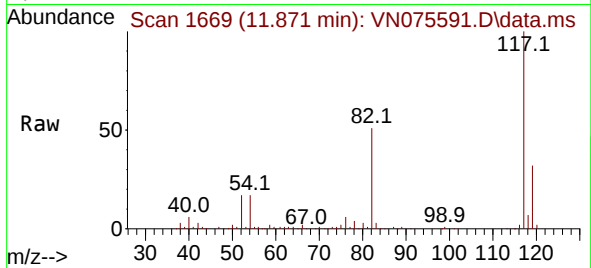
Tgt Ion: 95 Resp: 118572
Ion Ratio Lower Upper
95 100
174 90.4 0.0 147.4
176 87.5 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075591.D
Acq: 06 Dec 2022 17:50

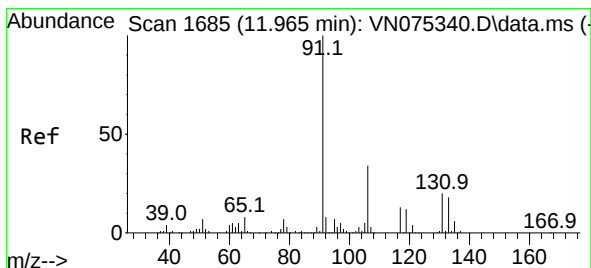
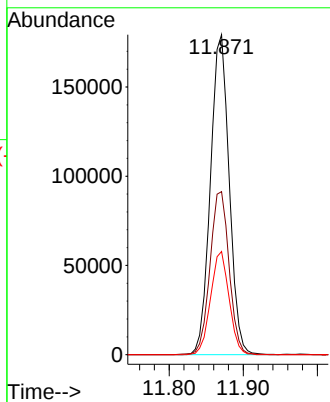
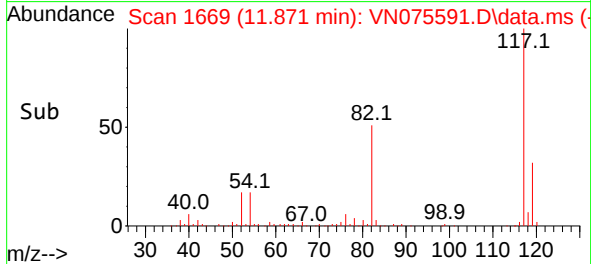
Instrument :
MSVOA_N
ClientSampleId :
BRI-12-02-SIL



Tgt Ion:117 Resp: 314890
Ion Ratio Lower Upper
117 100
82 51.0 43.1 64.7
119 32.3 25.5 38.3

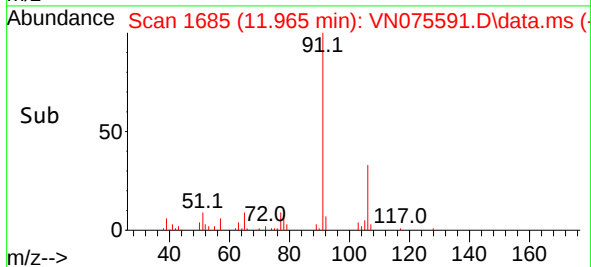
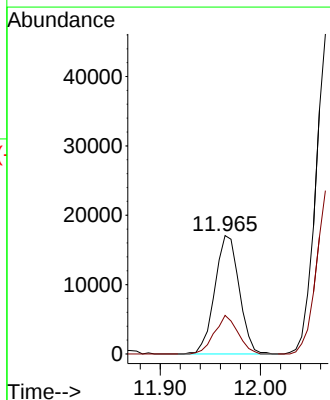
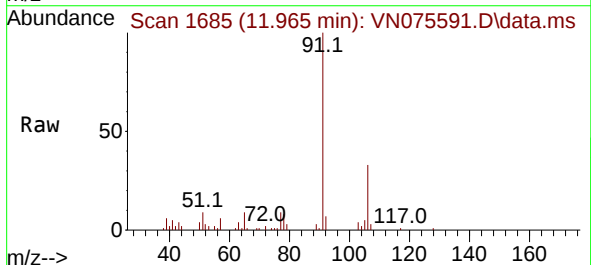
Manual Integrations
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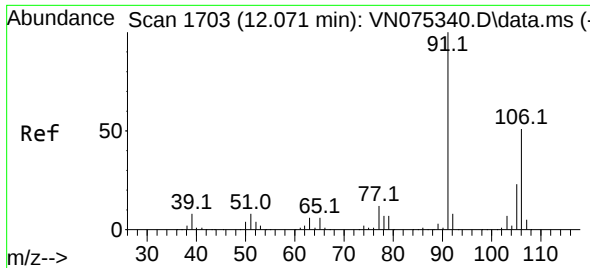
Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022



#67
Ethyl Benzene
Concen: 2.595 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075591.D
Acq: 06 Dec 2022 17:50

Tgt Ion: 91 Resp: 28793
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3





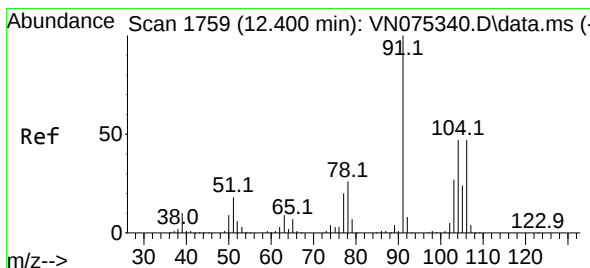
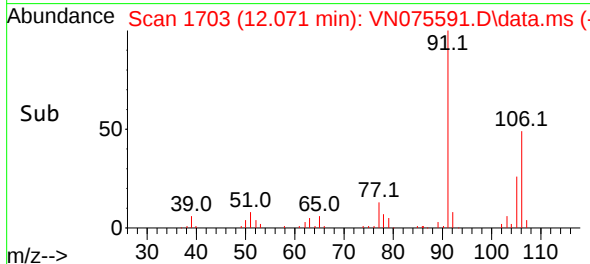
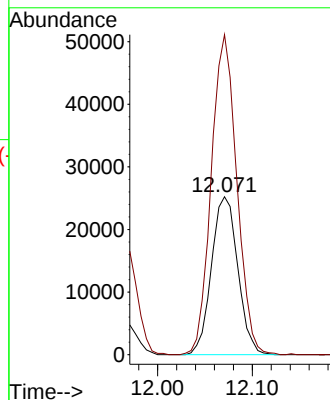
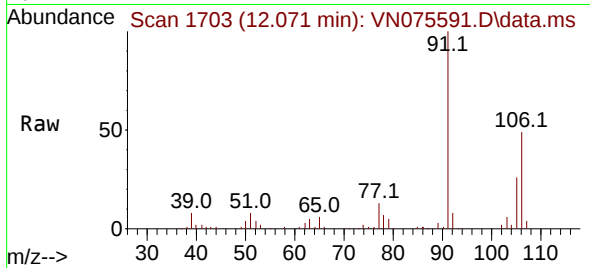
#68
m/p-Xylenes
Concen: 10.791 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075591.D
Acq: 06 Dec 2022 17:50

Instrument :
MSVOA_N
ClientSampleId :
BRI-12-02-SIL

Tgt Ion:106 Resp: 48618
Ion Ratio Lower Upper
106 100
91 197.1 156.0 234.0

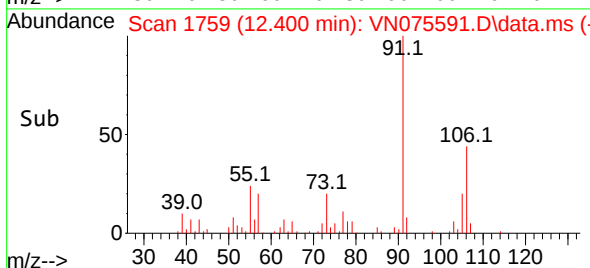
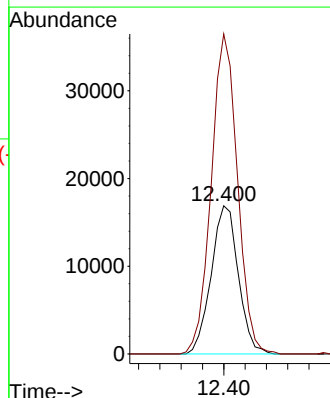
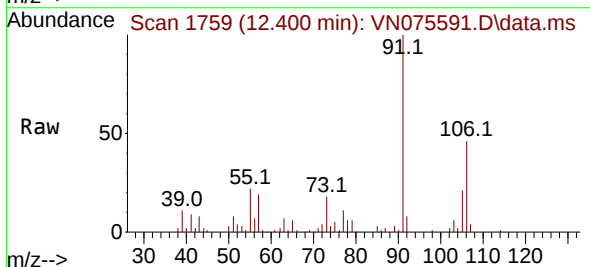
Manual Integrations
APPROVED

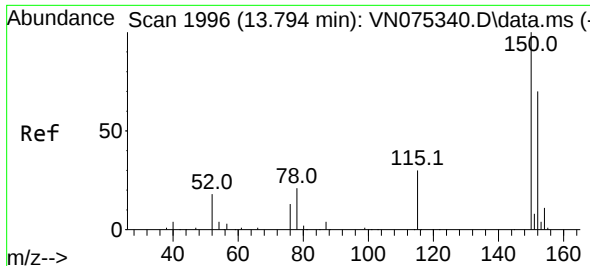
Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022



#69
o-Xylene
Concen: 6.666 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075591.D
Acq: 06 Dec 2022 17:50

Tgt Ion:106 Resp: 29838
Ion Ratio Lower Upper
106 100
91 208.9 105.2 315.5





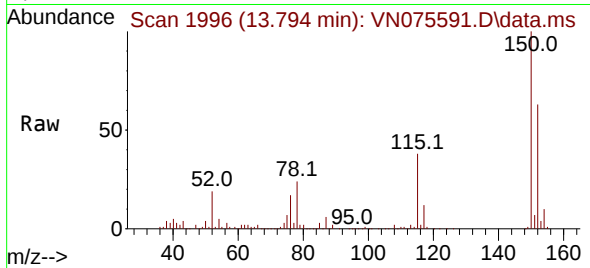
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075591.D
 Acq: 06 Dec 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

BRI-12-02-SIL



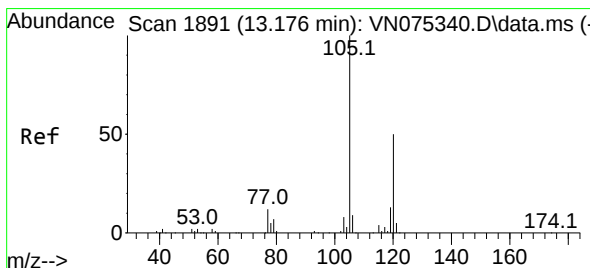
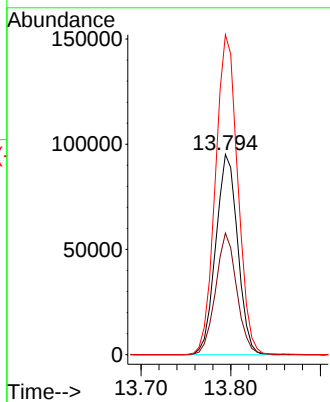
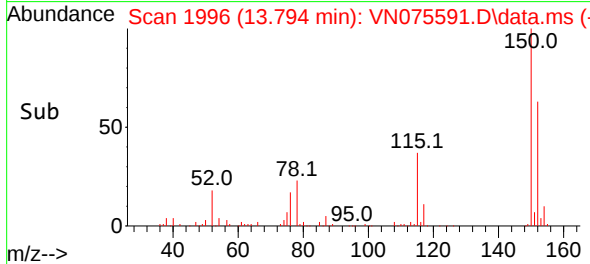
Tgt Ion:152 Resp: 161134
 Ion Ratio Lower Upper
 152 100
 115 58.9 30.2 90.6
 150 163.1 0.0 348.4

Manual Integrations

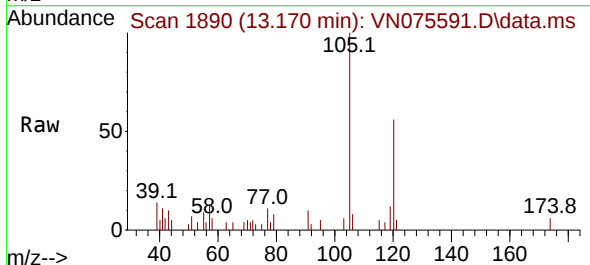
APPROVED

Reviewed By :Krupa Patel 12/07/2022

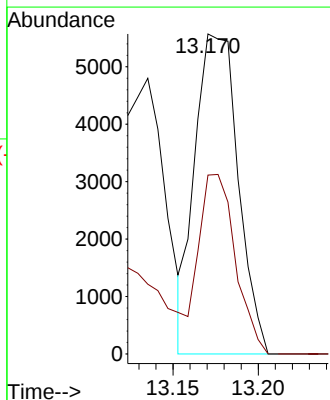
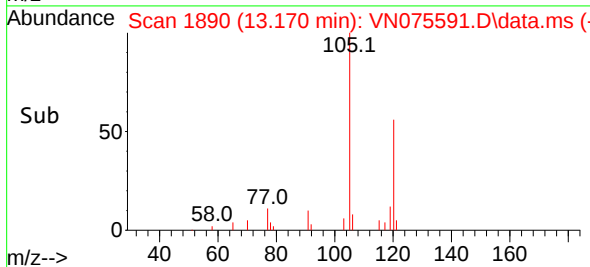
Supervised By :Mahesh Dadoda 12/07/2022

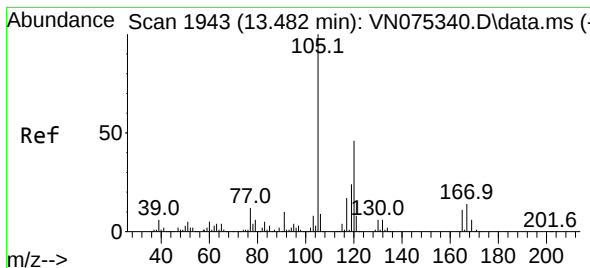


#80
 1,3,5-Trimethylbenzene
 Concen: 1.003 ug/l
 RT: 13.170 min Scan# 1890
 Delta R.T. -0.006 min
 Lab File: VN075591.D
 Acq: 06 Dec 2022 17:50



Tgt Ion:105 Resp: 9807
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 5.459 ug/l

RT: 13.488 min Scan# 1943

Delta R.T. 0.006 min

Lab File: VN075591.D

Acq: 06 Dec 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

BRI-12-02-SIL

Tgt Ion:105 Resp: 5355

Ion Ratio Lower Upper

105 100

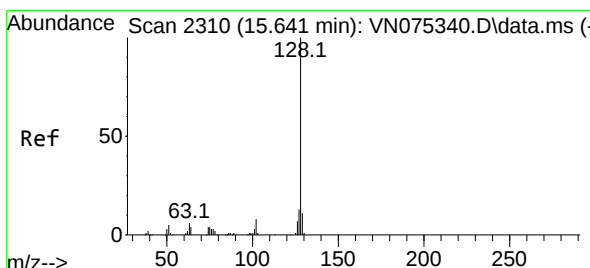
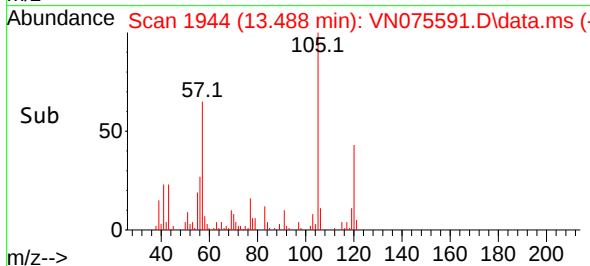
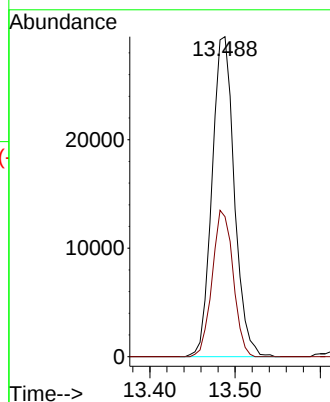
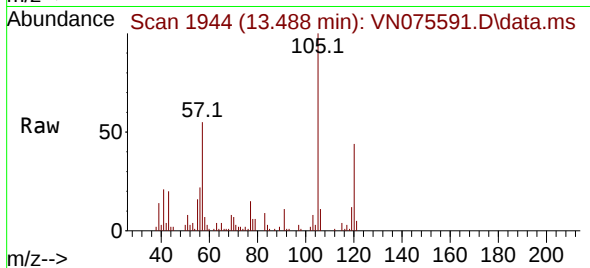
120 42.9 22.7 68.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/07/2022

Supervised By :Mahesh Dadoda 12/07/2022



#95

Naphthalene

Concen: 1.167 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075591.D

Acq: 06 Dec 2022 17:50

Tgt Ion:128 Resp: 10100

Ion Ratio Lower Upper

128 100

127 16.7 10.4 15.6#

129 28.0 8.6 12.8#

