

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075592.D
 Acq On : 06 Dec 2022 18:14
 Operator : JC\MD
 Sample : N5876-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Dec 07 00:18:09 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	8.229	168	209354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	305681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	57388	51.067	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.140%			
35) Dibromofluoromethane	8.177	113	72178	53.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.940%			
50) Toluene-d8	10.570	98	155017	51.465	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.940%			
62) 4-Bromofluorobenzene	12.853	95	115640	52.014	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.020%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.530	59	13888	29.439	ug/l #	72
16) Acetone	4.453	43	26422	25.207	ug/l #	87
25) 2-Butanone	7.500	43	17259	11.793	ug/l	97
40) Benzene	8.612	78	161177	18.050	ug/l	98
43) Isopropyl Acetate	8.694	43	10658m	2.529	ug/l	
52) Toluene	10.635	92	230849	40.119	ug/l	97
67) Ethyl Benzene	11.964	91	25100	2.331	ug/l	97
68) m/p-Xylenes	12.070	106	57419	13.129	ug/l	99
69) o-Xylene	12.400	106	22178	5.104	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	10366	1.174	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	23079	2.606	ug/l	100

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

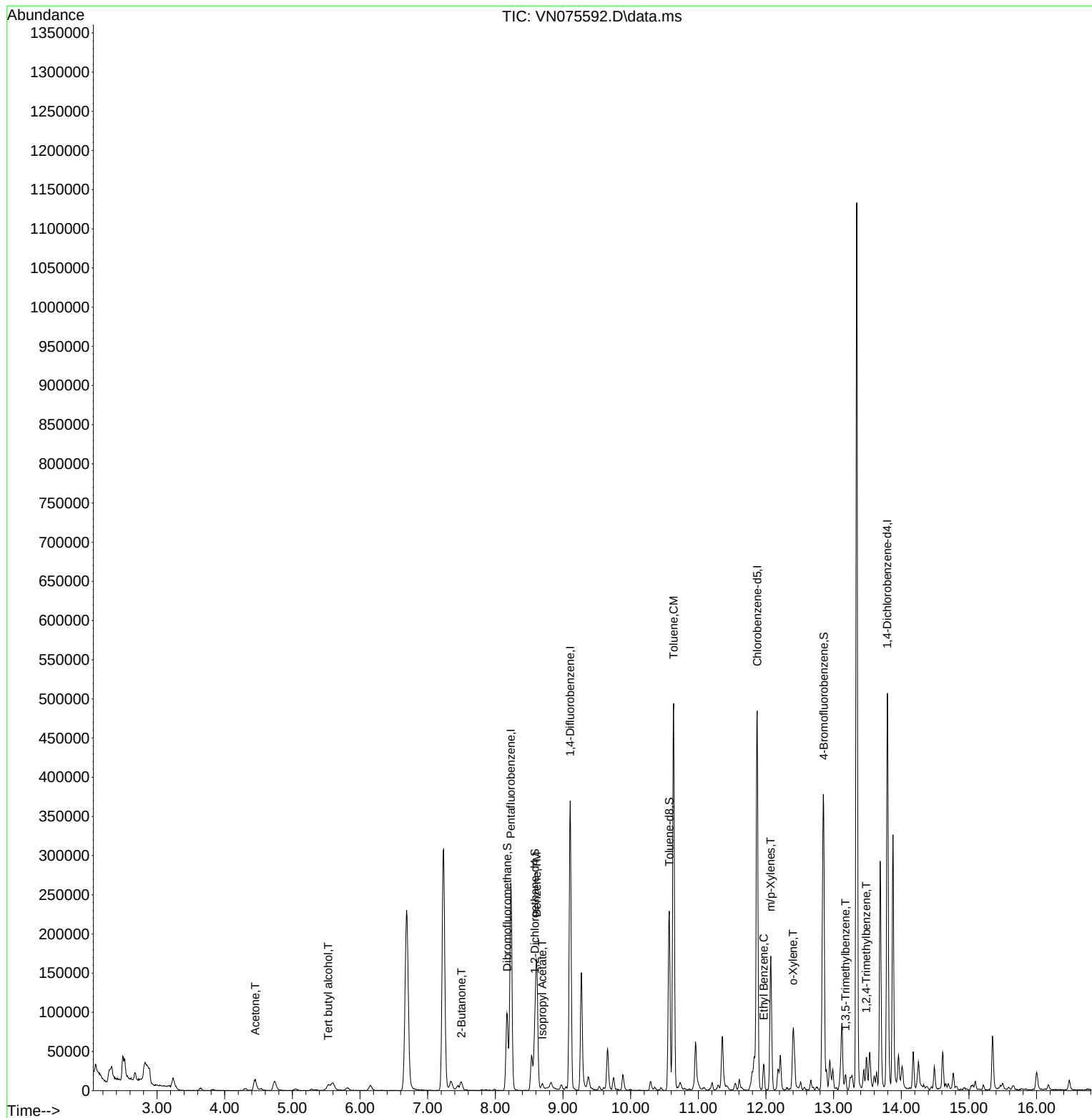
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
Data File : VN075592.D
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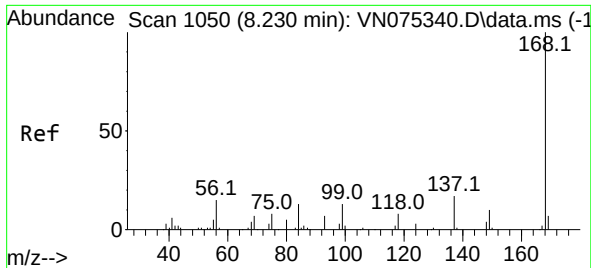
Instrument :
MSVOA_N
ClientSampleId :
BER-12-02-SIL

Quant Time: Dec 07 00:18:09 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

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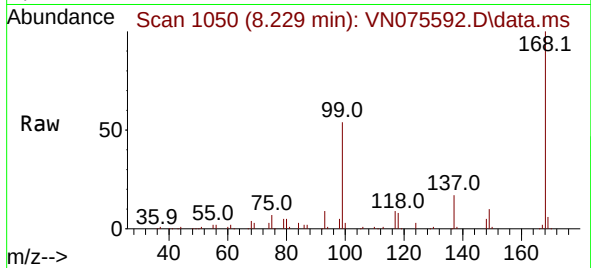
Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075592.D
Acq: 06 Dec 2022 18:14

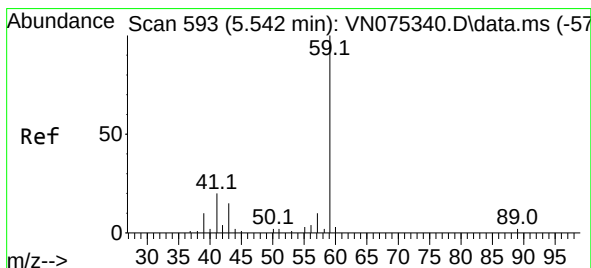
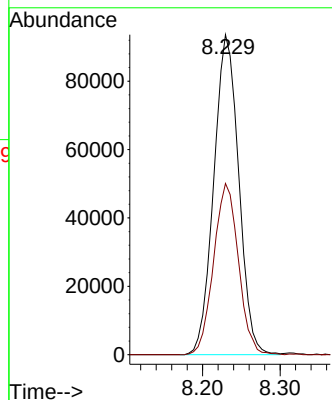
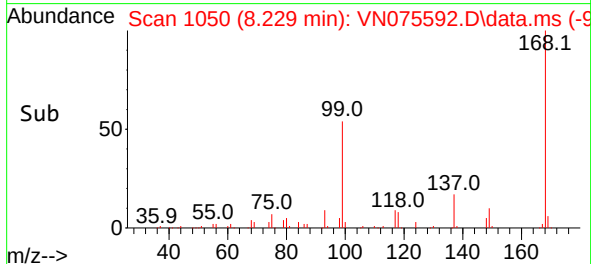
Instrument :
MSVOA_N
ClientSampleId :
BER-12-02-SIL



Tgt Ion:168 Resp: 209354
Ion Ratio Lower Upper
168 100
99 53.5 51.6 77.4

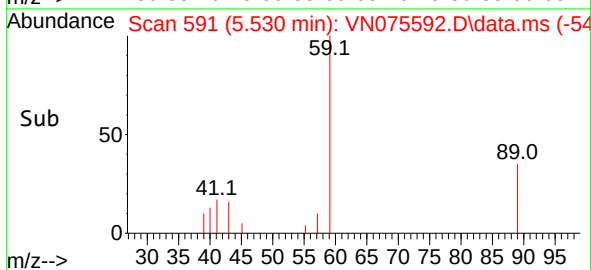
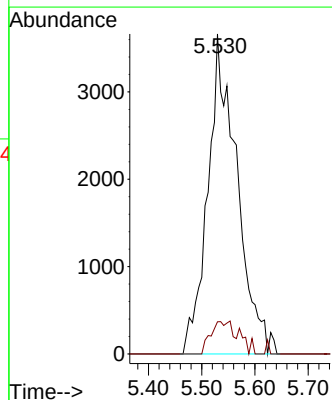
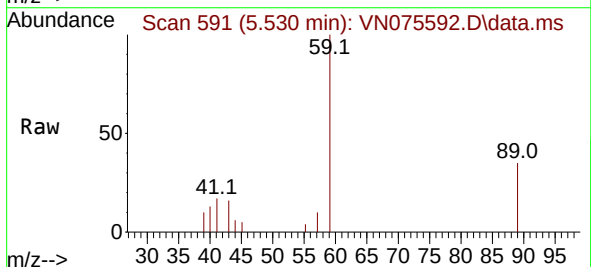
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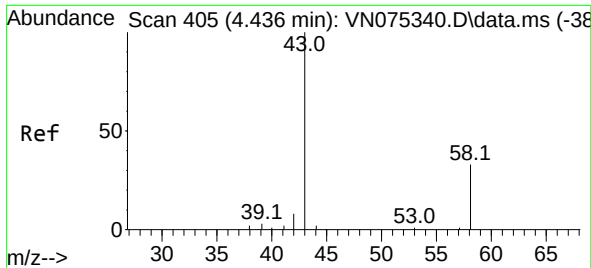
Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022



#11
Tert butyl alcohol
Concen: 29.439 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075592.D
Acq: 06 Dec 2022 18:14

Tgt Ion: 59 Resp: 13888
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





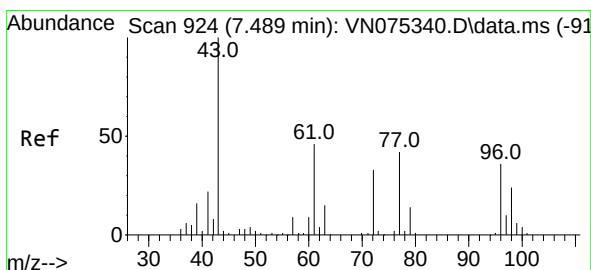
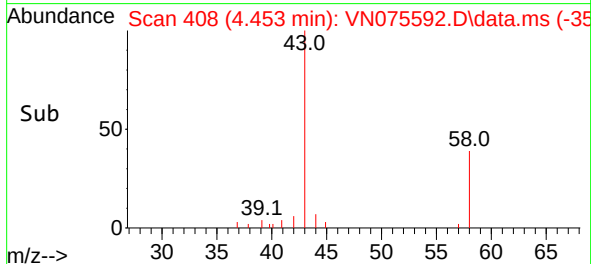
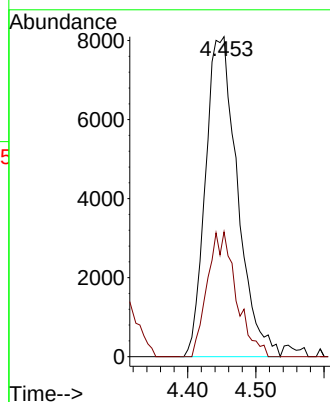
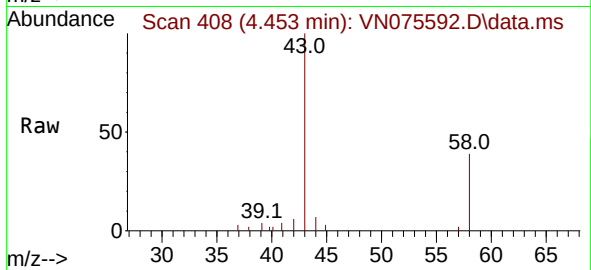
#16
Acetone
Concen: 25.207 ug/l
RT: 4.453 min Scan# 405
Delta R.T. 0.017 min
Lab File: VN075592.D
Acq: 06 Dec 2022 18:14

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

Tgt Ion: 43 Resp: 2642
Ion Ratio Lower Upper
43 100
58 39.0 25.5 38.3

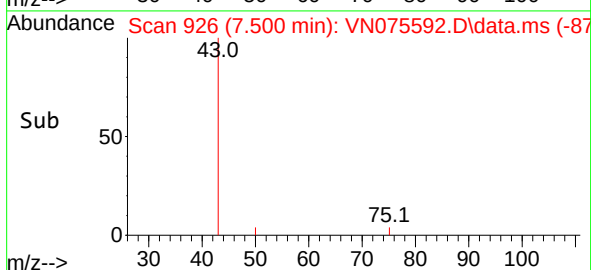
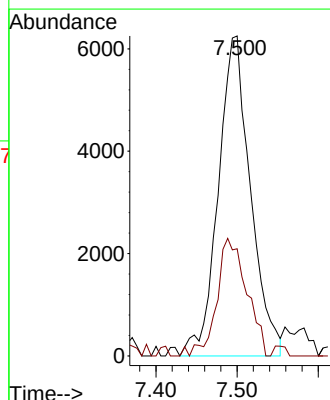
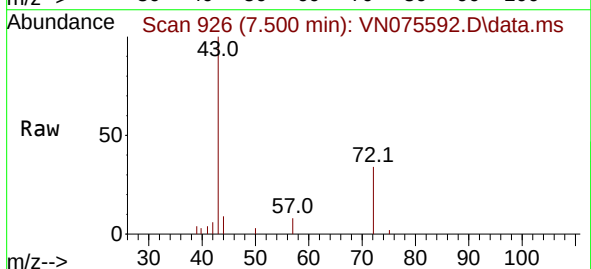
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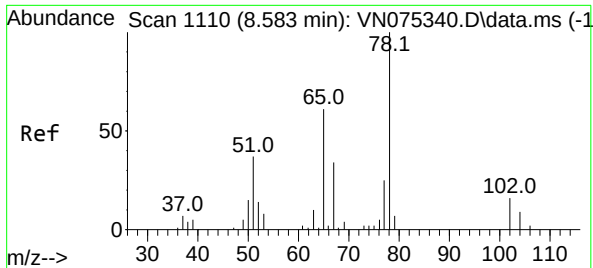
Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022



#25
2-Butanone
Concen: 11.793 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.011 min
Lab File: VN075592.D
Acq: 06 Dec 2022 18:14

Tgt Ion: 43 Resp: 17259
Ion Ratio Lower Upper
43 100
72 33.5 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 51.067 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075592.D

Acq: 06 Dec 2022 18:14

Instrument :

MSVOA_N

ClientSampleId :

BER-12-02-SIL

Tgt Ion: 65 Resp: 5738

Ion Ratio Lower Upper

65 100

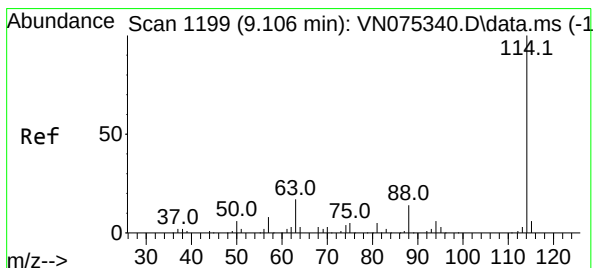
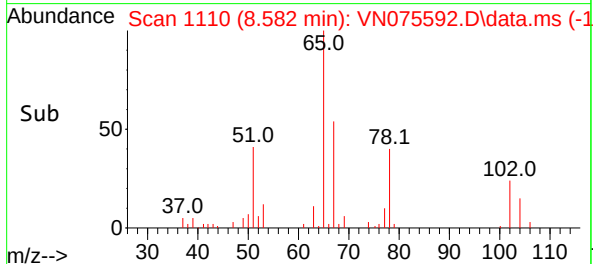
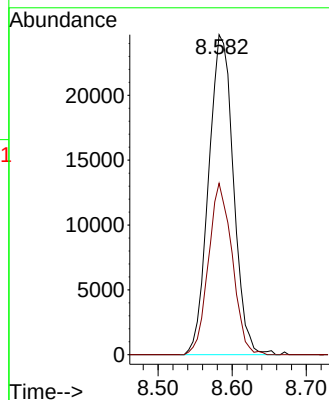
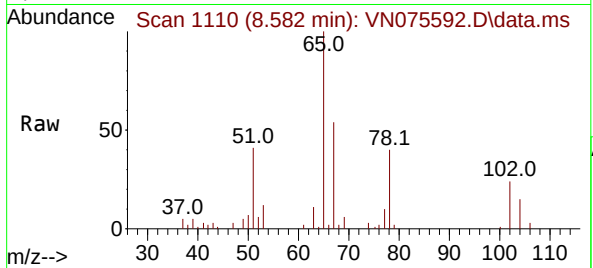
67 51.3 0.0 102.0

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Supervised By :Mahesh Dadoda 12/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075592.D

Acq: 06 Dec 2022 18:14

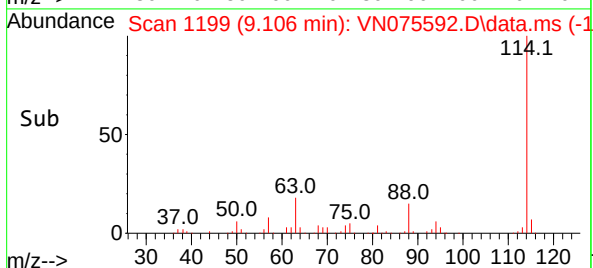
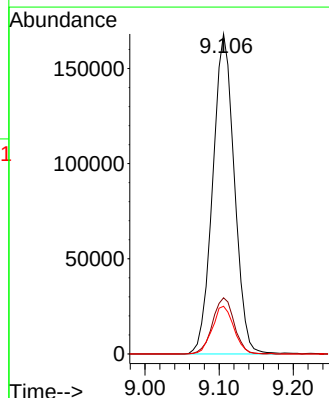
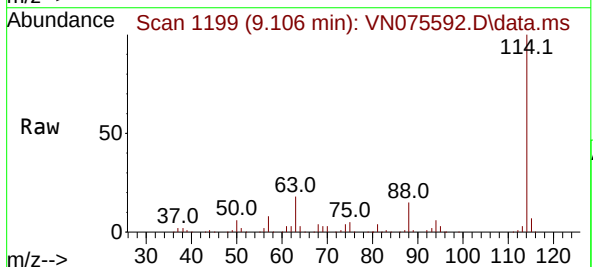
Tgt Ion:114 Resp: 340435

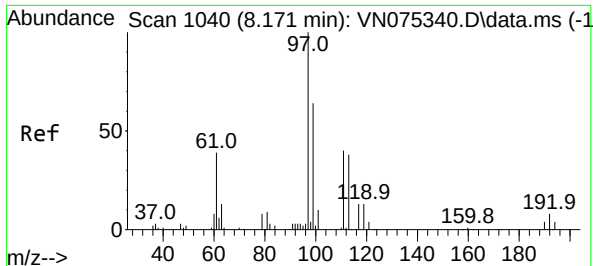
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.971 ug/l

RT: 8.177 min Scan# 1113

Delta R.T. 0.006 min

Lab File: VN075592.D

Acq: 06 Dec 2022 18:14

Instrument :

MSVOA_N

ClientSampleId :

BER-12-02-SIL

Tgt Ion:113 Resp: 72178

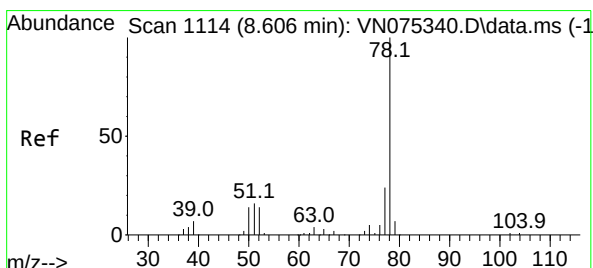
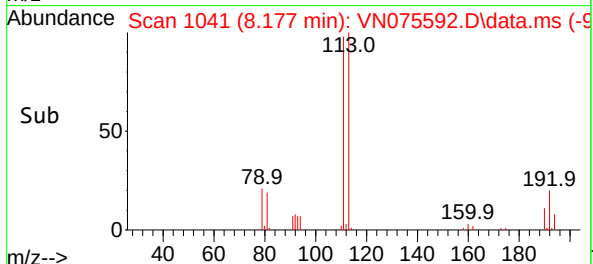
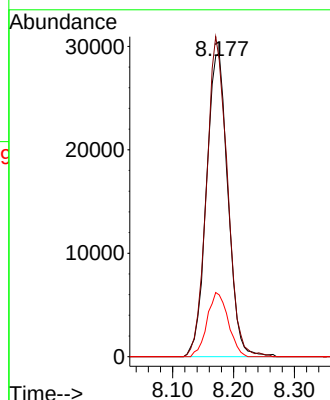
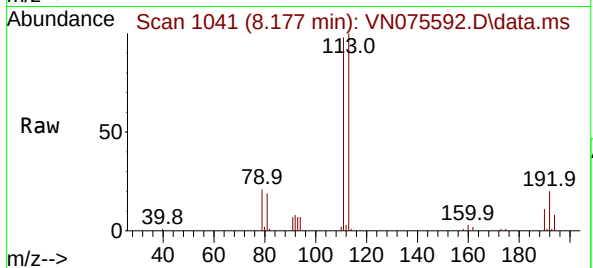
Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.5	120.7
192	20.6	13.2	19.8

Manual Integrations

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Supervised By :Mahesh Dadoda 12/07/2022



#40

Benzene

Concen: 18.050 ug/l

RT: 8.612 min Scan# 1115

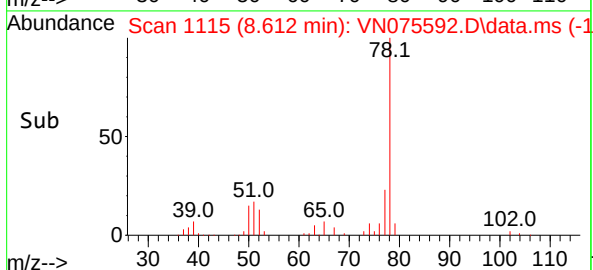
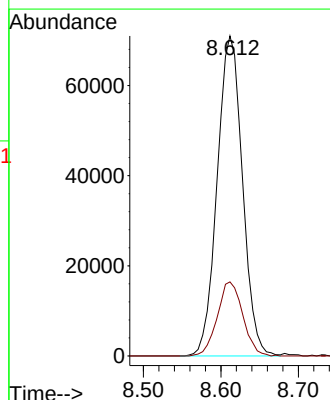
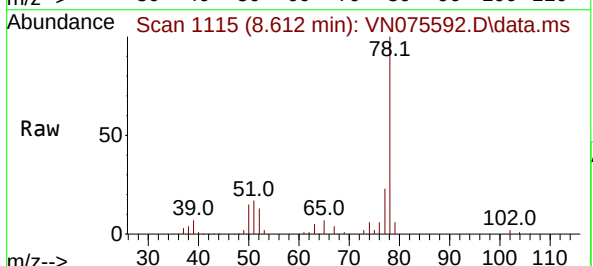
Delta R.T. 0.006 min

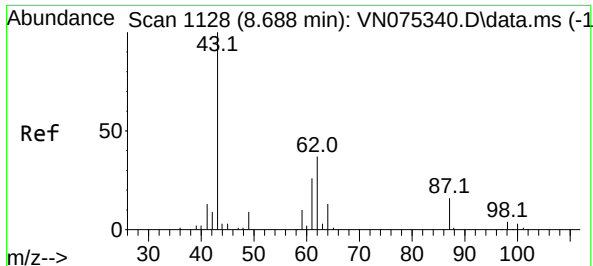
Lab File: VN075592.D

Acq: 06 Dec 2022 18:14

Tgt Ion: 78 Resp: 161177

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.0





#43

Isopropyl Acetate

Concen: 2.529 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075592.D

Acq: 06 Dec 2022 18:14

Instrument :

MSVOA_N

ClientSampleId :

BER-12-02-SIL

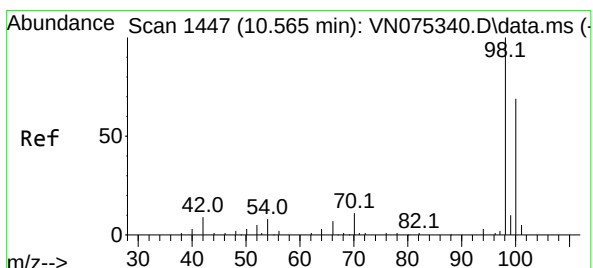
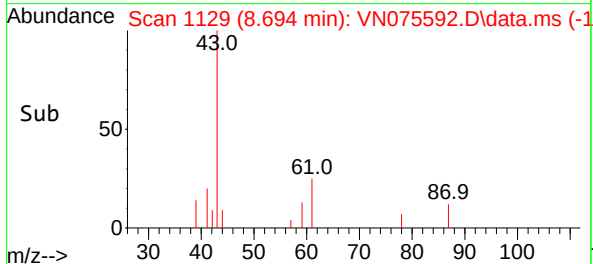
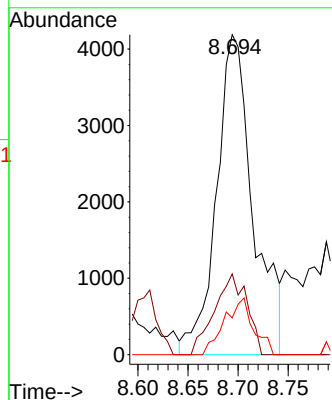
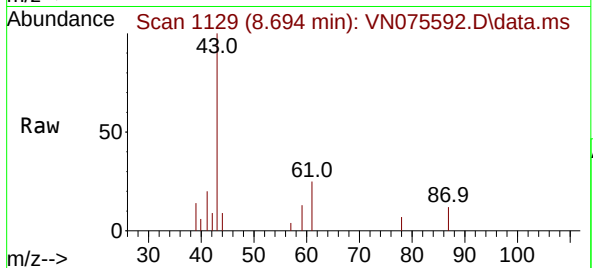
Tgt Ion: 43	Resp: 10658
Ion Ratio	Lower Upper
43 100	
61 22.4	22.4 33.6
87 14.0	12.5 18.7

Manual Integrations

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Reviewed By :Krupa Patel 12/07/2022

Supervised By :Mahesh Dadoda 12/07/2022



#50

Toluene-d8

Concen: 51.465 ug/l

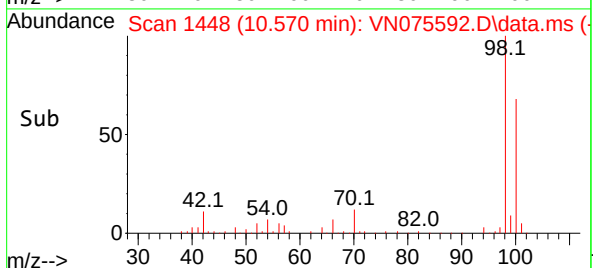
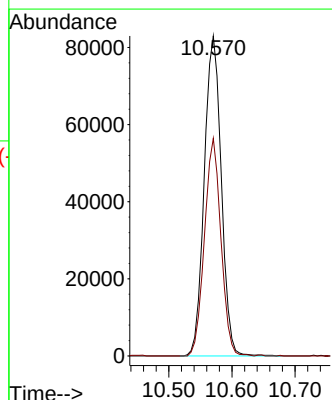
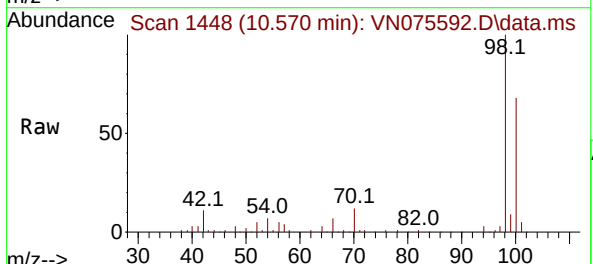
RT: 10.570 min Scan# 1448

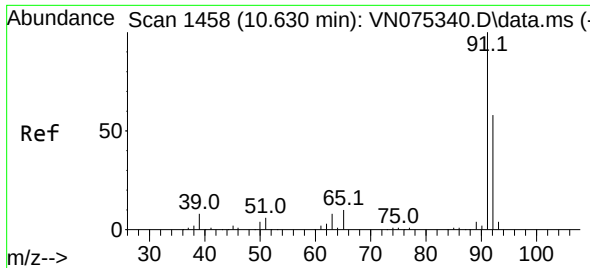
Delta R.T. 0.005 min

Lab File: VN075592.D

Acq: 06 Dec 2022 18:14

Tgt Ion: 98	Resp: 155017
Ion Ratio	Lower Upper
98 100	
100 65.8	53.0 79.6





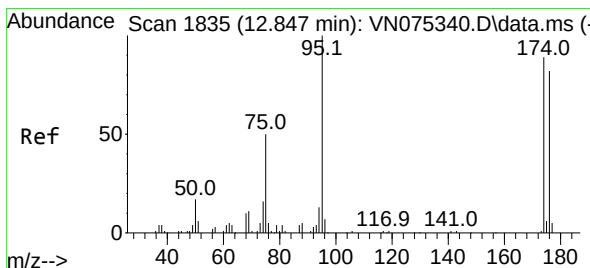
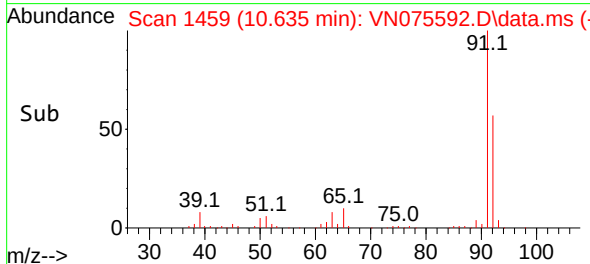
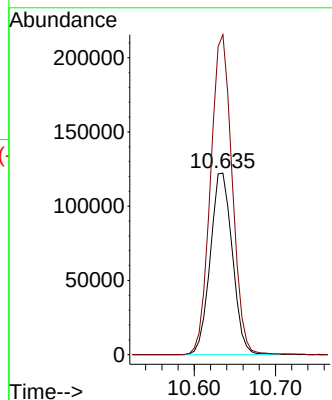
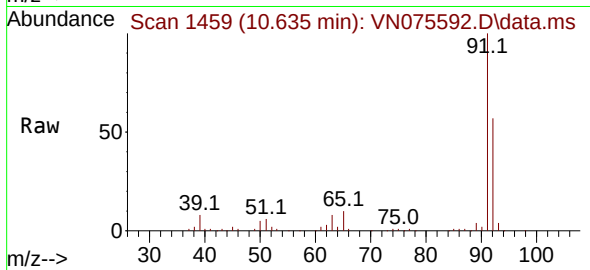
#52
Toluene
Concen: 40.119 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075592.D
Acq: 06 Dec 2022 18:14

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

Tgt Ion: 92 Resp: 230849
Ion Ratio Lower Upper
92 100
91 173.1 135.4 203.2

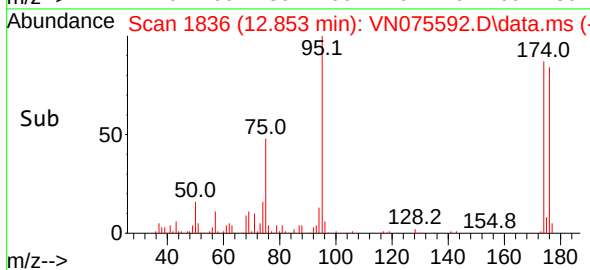
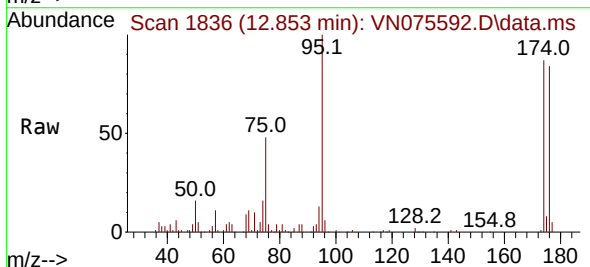
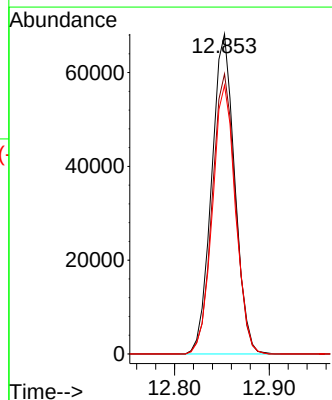
Manual Integrations
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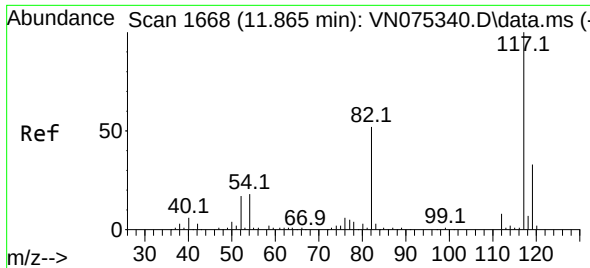
Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022



#62
4-Bromofluorobenzene
Concen: 52.014 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075592.D
Acq: 06 Dec 2022 18:14

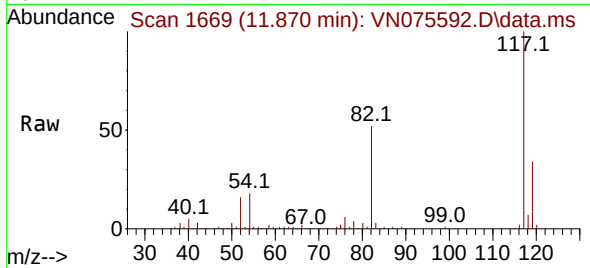
Tgt Ion: 95 Resp: 115640
Ion Ratio Lower Upper
95 100
174 87.7 0.0 147.4
176 83.9 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075592.D
Acq: 06 Dec 2022 18:14

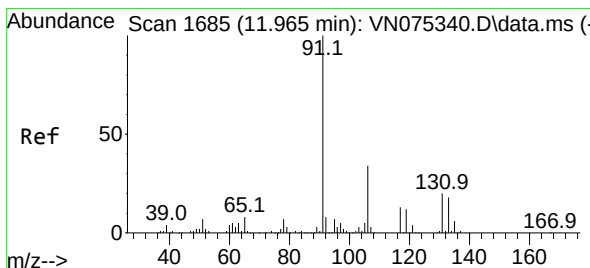
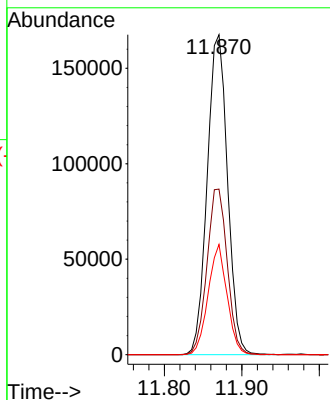
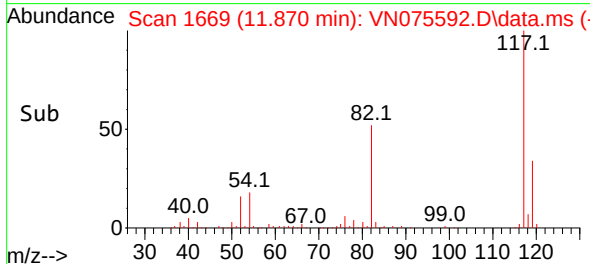
Instrument :
MSVOA_N
ClientSampleId :
BER-12-02-SIL



Tgt Ion: 117 Resp: 30568
Ion Ratio Lower Upper
117 100
82 51.7 43.1 64.7
119 34.5 25.5 38.3

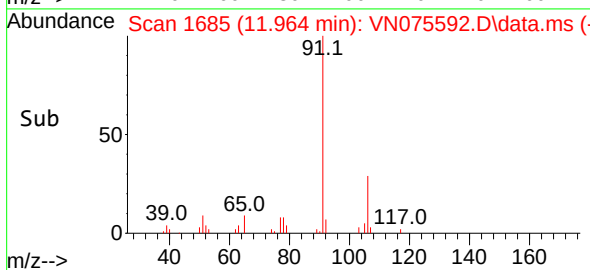
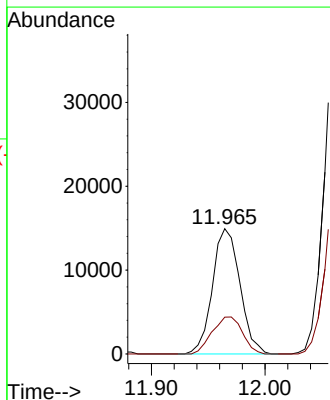
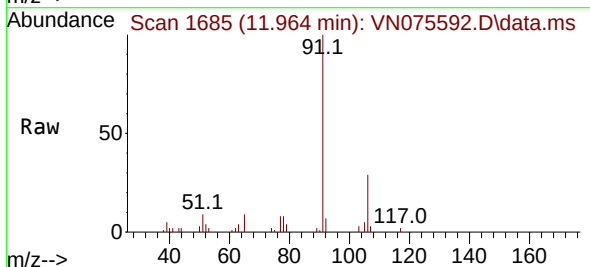
Manual Integrations
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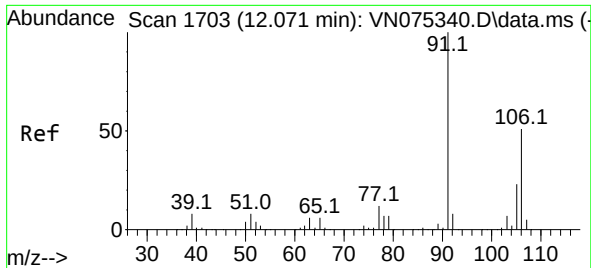
Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022



#67
Ethyl Benzene
Concen: 2.331 ug/l
RT: 11.964 min Scan# 1685
Delta R.T. -0.001 min
Lab File: VN075592.D
Acq: 06 Dec 2022 18:14

Tgt Ion: 91 Resp: 25100
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3





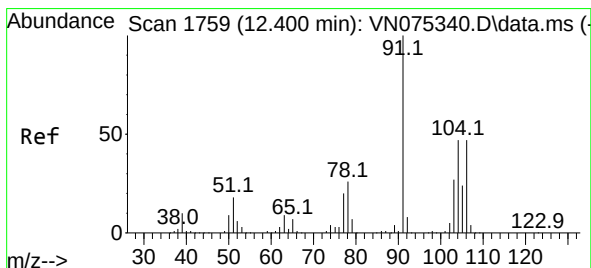
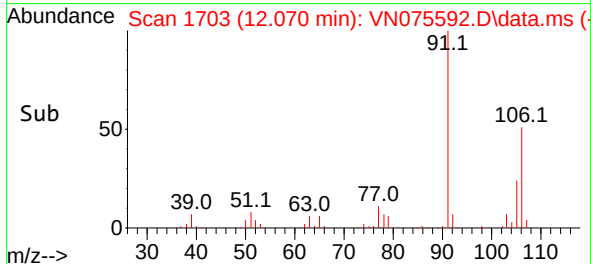
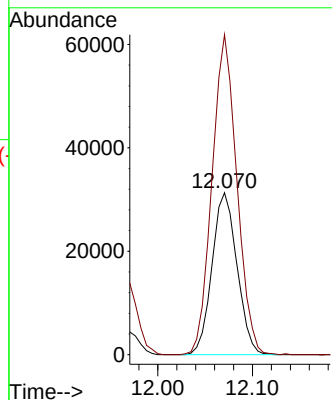
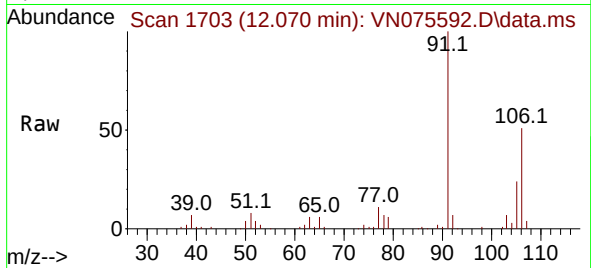
#68
m/p-Xylenes
Concen: 13.129 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075592.D
Acq: 06 Dec 2022 18:14

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

Tgt Ion:106 Resp: 57419
Ion Ratio Lower Upper
106 100
91 196.6 156.0 234.0

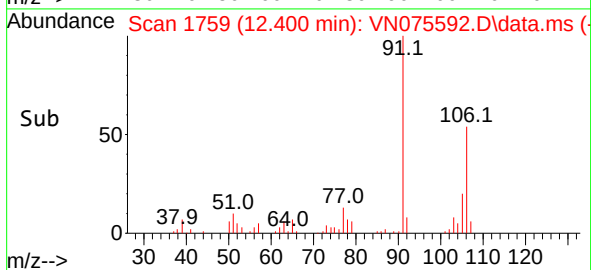
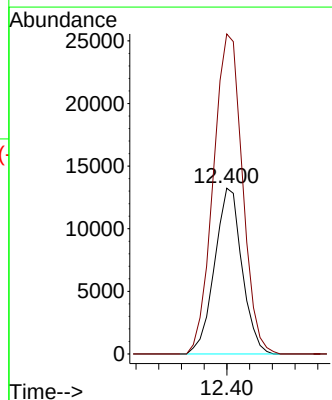
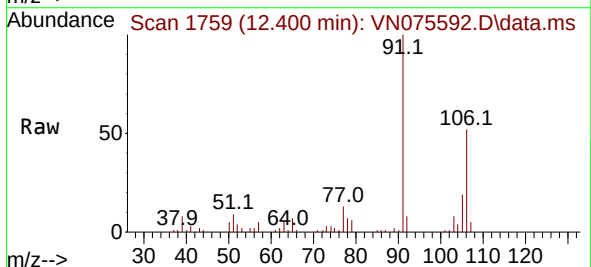
Manual Integrations
APPROVED

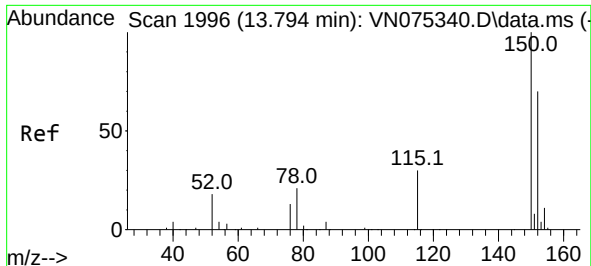
Reviewed By :Krupa Patel 12/07/2022
Supervised By :Mahesh Dadoda 12/07/2022



#69
o-Xylene
Concen: 5.104 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075592.D
Acq: 06 Dec 2022 18:14

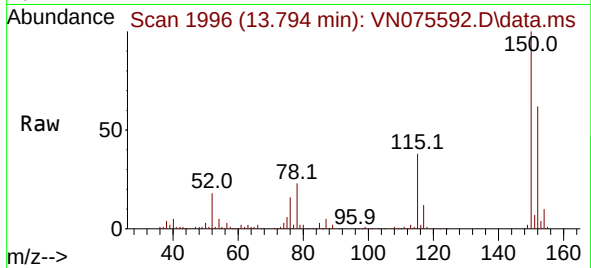
Tgt Ion:106 Resp: 22178
Ion Ratio Lower Upper
106 100
91 205.3 105.2 315.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075592.D
 Acq: 06 Dec 2022 18:14

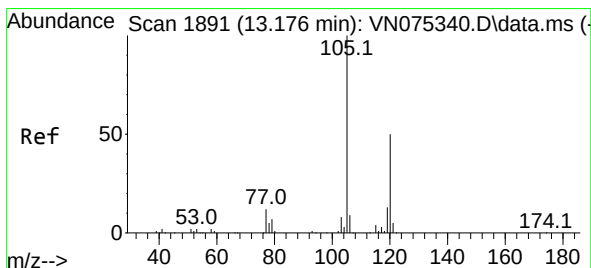
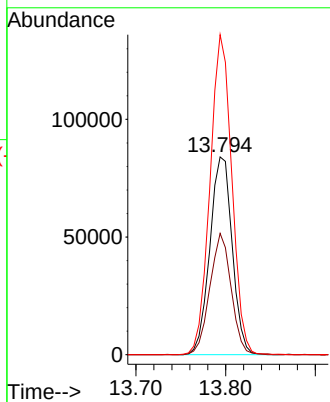
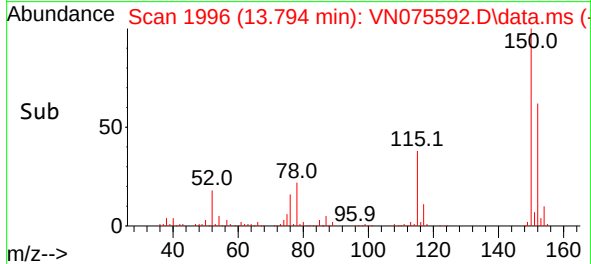
Instrument :
 MSVOA_N
 ClientSampleId :
 BER-12-02-SIL



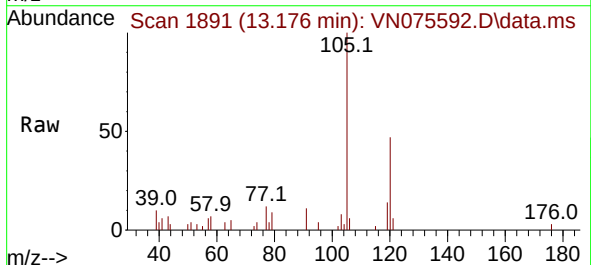
Tgt Ion:152 Resp: 14548
 Ion Ratio Lower Upper
 152 100
 115 58.4 30.2 90.6
 150 157.7 0.0 348.4

Manual Integrations
 APPROVED

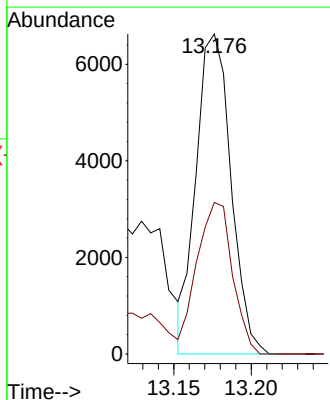
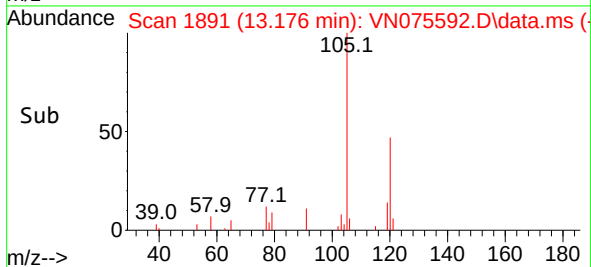
Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

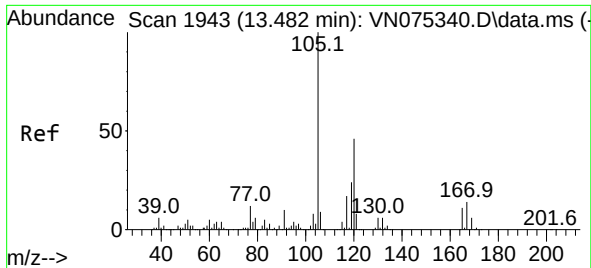


#80
 1,3,5-Trimethylbenzene
 Concen: 1.174 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN075592.D
 Acq: 06 Dec 2022 18:14



Tgt Ion:105 Resp: 10366
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.7 74.1





#84

1,2,4-Trimethylbenzene

Concen: 2.606 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075592.D

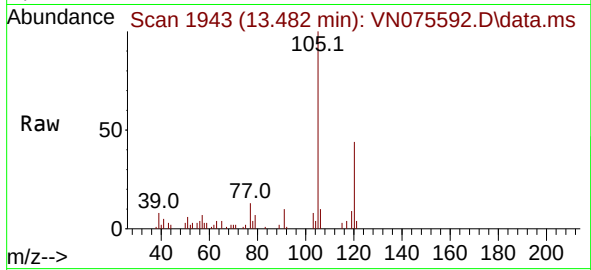
Acq: 06 Dec 2022 18:14

Instrument :

MSVOA_N

ClientSampleId :

BER-12-02-SIL



Tgt Ion:105 Resp: 23079

Ion Ratio Lower Upper

105 100

120 45.5 22.7 68.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/07/2022

Supervised By :Mahesh Dadoda 12/07/2022

