

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
 Data File : VN075562.D
 Acq On : 05 Dec 2022 16:31
 Operator : JC\MD
 Sample : N5840-01DL 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP-SILICA-1201DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

Quant Time: Dec 06 03:25:33 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	171881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	281937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	249238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	44253	47.964	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.920%		
35) Dibromofluoromethane	8.171	113	56740	51.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.460%		
50) Toluene-d8	10.571	98	115828	46.433	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.860%		
62) 4-Bromofluorobenzene	12.853	95	86060	46.741	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.480%		
Target Compounds					Qvalue	
8) Diethyl Ether	3.971	74	15724	15.237	ug/l	98
11) Tert butyl alcohol	5.541	59	17850m	46.087	ug/l	
16) Acetone	4.447	43	29634	34.434	ug/l	97
18) Methyl Acetate	5.041	43	6847	1.910	ug/l	92
19) Methyl tert-butyl Ether	5.812	73	8783	1.558	ug/l	97
25) 2-Butanone	7.488	43	10795	8.985	ug/l #	88
40) Benzene	8.612	78	260623	35.244	ug/l	98
43) Isopropyl Acetate	8.694	43	4504	1.290	ug/l #	81
52) Toluene	10.635	92	360775	75.708	ug/l	99
67) Ethyl Benzene	11.965	91	36181	4.120	ug/l	90
68) m/p-Xylenes	12.070	106	111327	31.219	ug/l	99
69) o-Xylene	12.400	106	37533	10.593	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	21587	3.155	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	37844	5.515	ug/l	98

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

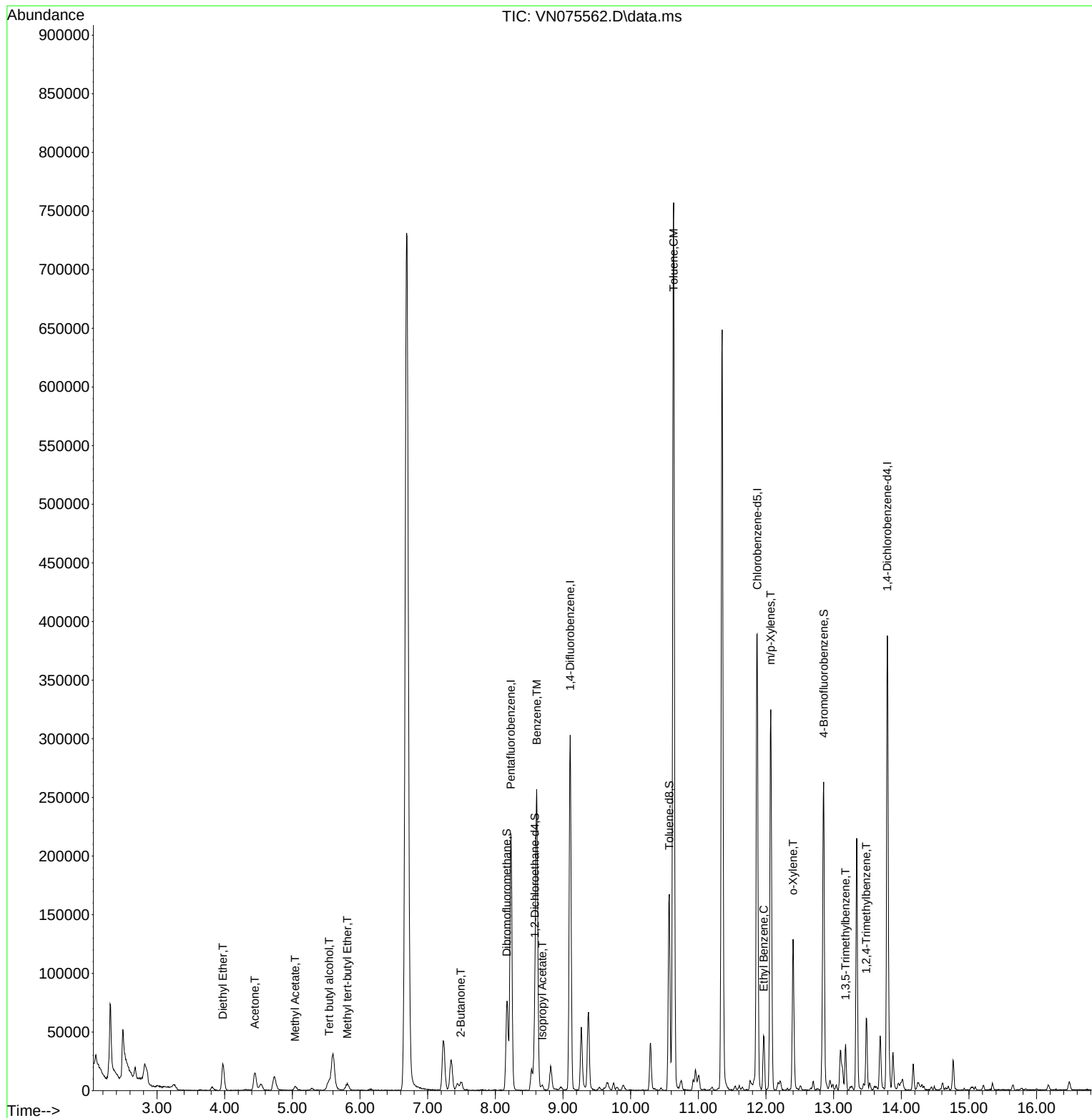
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120522\
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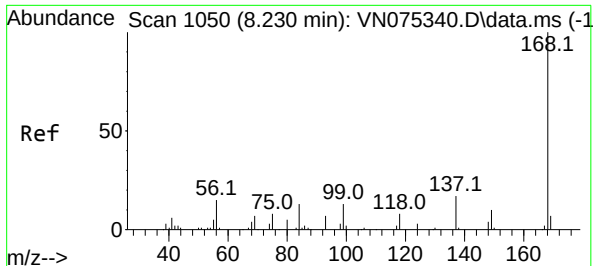
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

Quant Time: Dec 06 03:25:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
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Supervised By :Mahesh Dadoda 12/06/2022





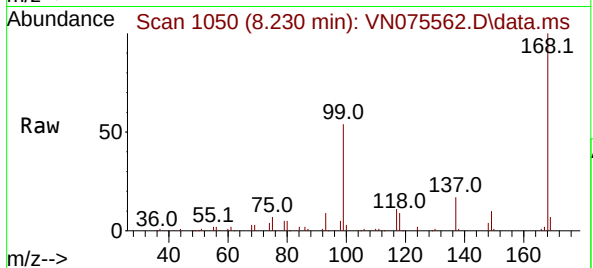
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Instrument :

MSVOA_N

ClientSampleId :

SP-SILICA-1201DL



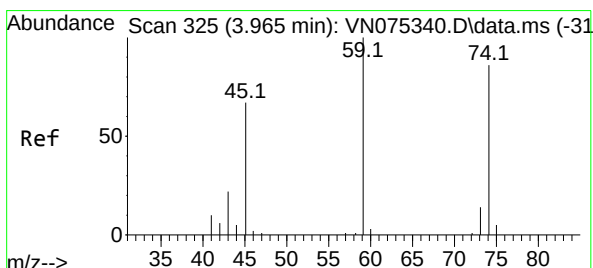
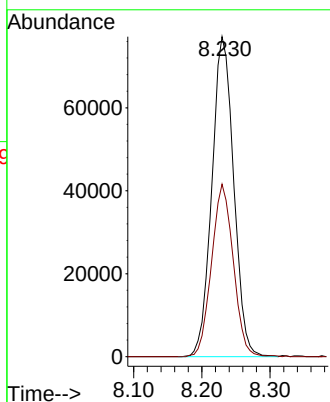
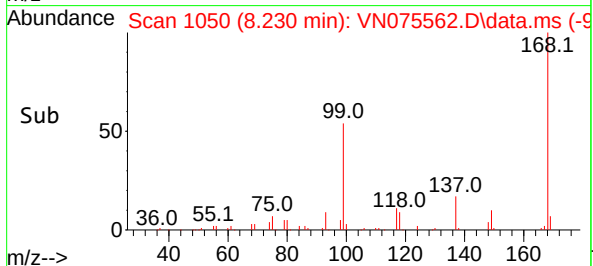
Tgt Ion:168 Resp: 17188
Ion Ratio Lower Upper
168 100
99 53.9 51.6 77.4

Manual Integrations

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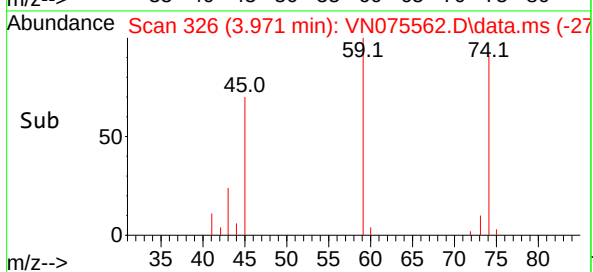
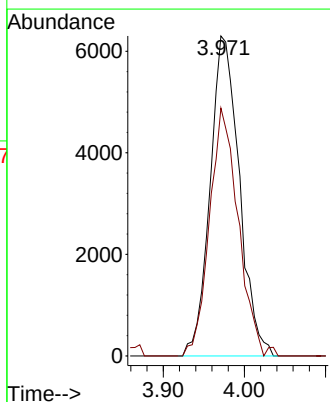
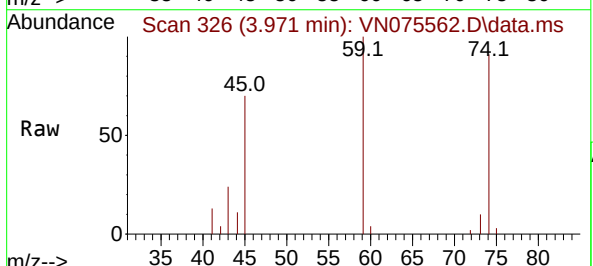
Reviewed By :Krupa Patel 12/06/2022

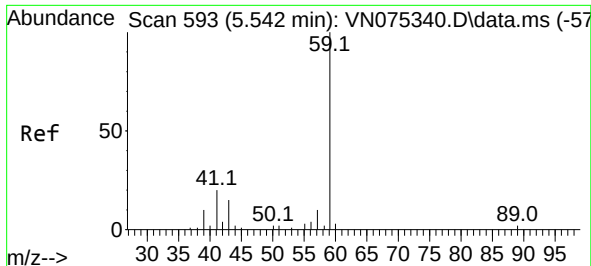
Supervised By :Mahesh Dadoda 12/06/2022



#8
Diethyl Ether
Concen: 15.237 ug/l
RT: 3.971 min Scan# 326
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

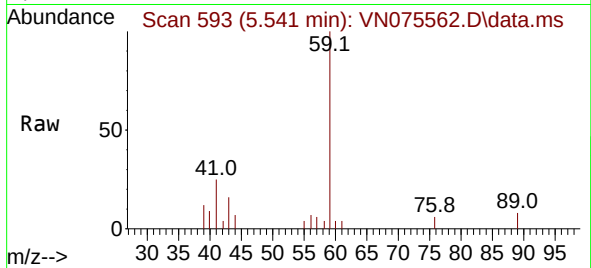
Tgt Ion: 74 Resp: 15724
Ion Ratio Lower Upper
74 100
45 76.5 39.3 117.9





#11
Tert butyl alcohol
Concen: 46.087 ug/l m
RT: 5.541 min Scan# 593
Delta R.T. -0.001 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

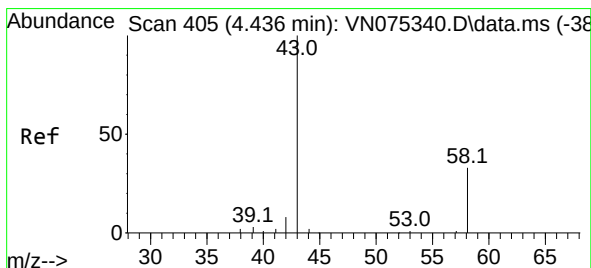
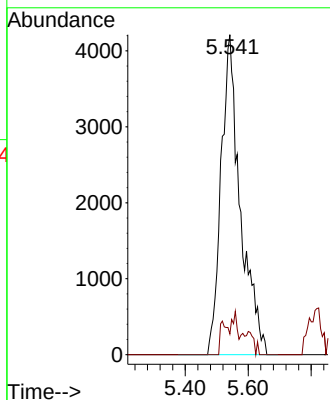
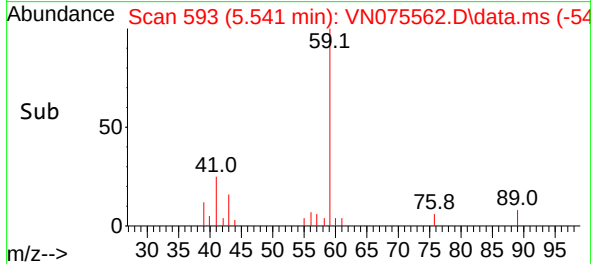
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL



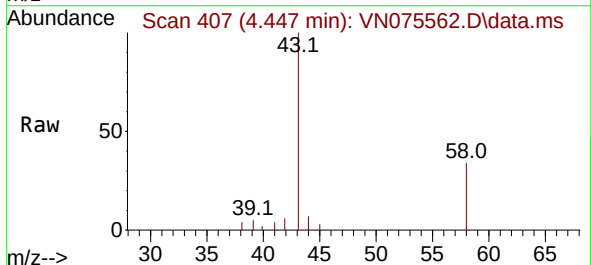
Tgt Ion: 59 Resp: 17850
Ion Ratio Lower Upper
59 100
57 2.3 8.5 12.7

Manual Integrations
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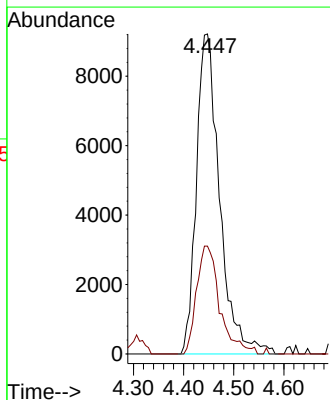
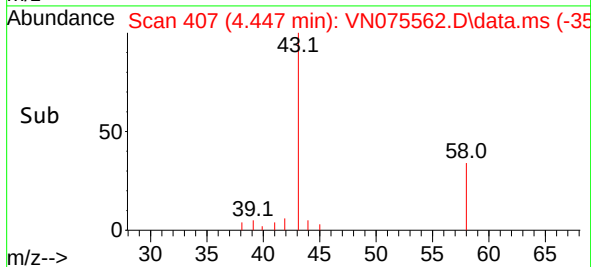
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

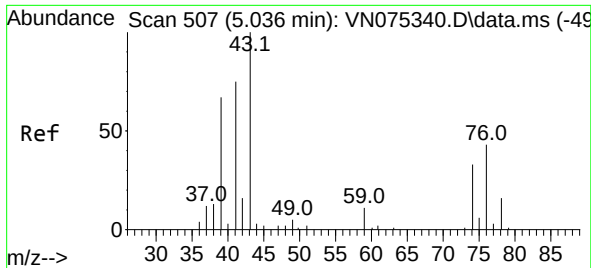


#16
Acetone
Concen: 34.434 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.011 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31



Tgt Ion: 43 Resp: 29634
Ion Ratio Lower Upper
43 100
58 33.7 25.5 38.3





#18
Methyl Acetate
Concen: 1.910 ug/l
RT: 5.041 min Scan# 507
Delta R.T. 0.005 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Instrument :

MSVOA_N

ClientSampleId :

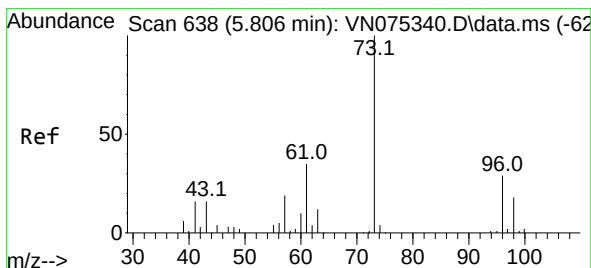
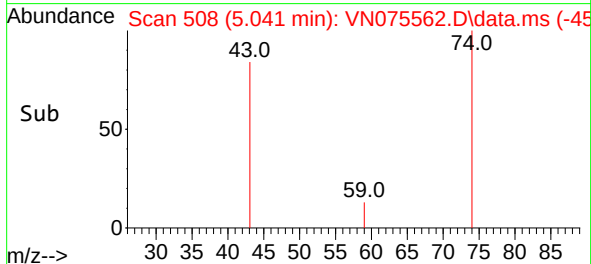
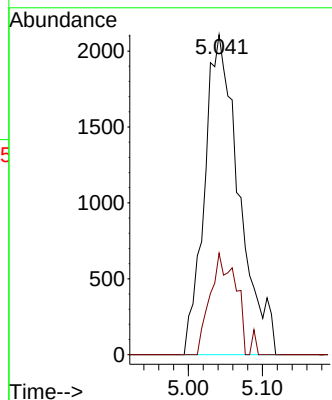
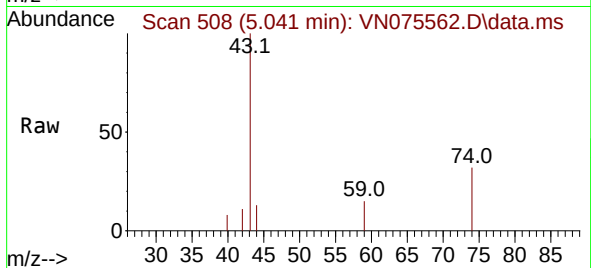
SP-SILICA-1201DL

Tgt Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
74 23.1 22.0 33.0

Manual Integrations

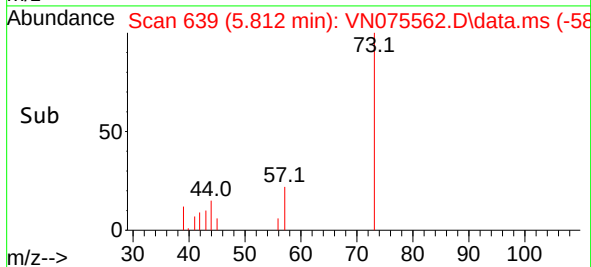
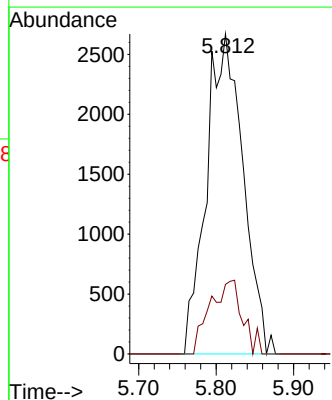
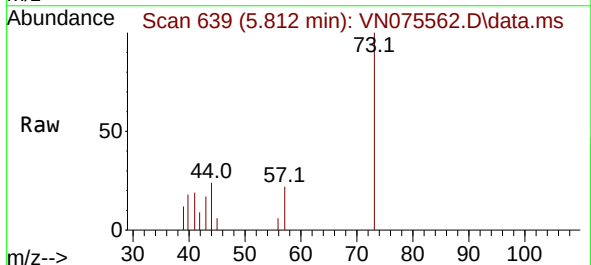
APPROVED

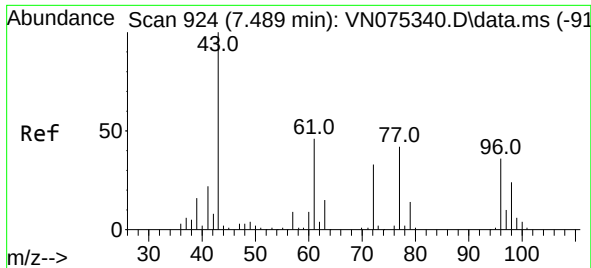
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#19
Methyl tert-butyl Ether
Concen: 1.558 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

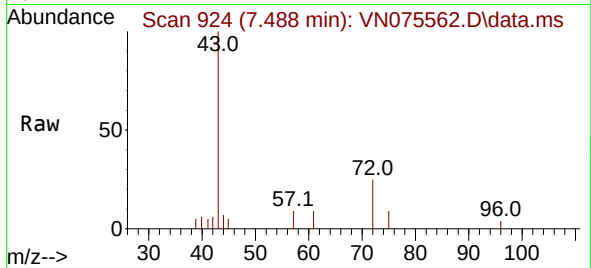
Tgt Ion: 73 Resp: 8783
Ion Ratio Lower Upper
73 100
57 21.8 16.3 24.5





#25
2-Butanone
Concen: 8.985 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

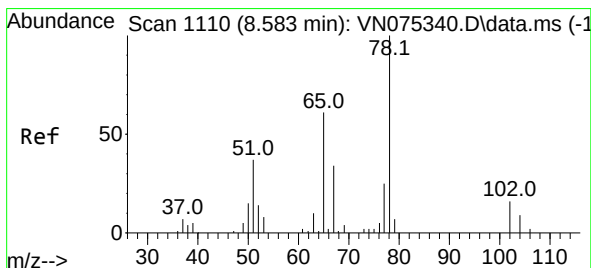
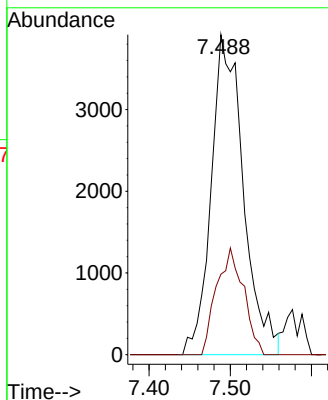
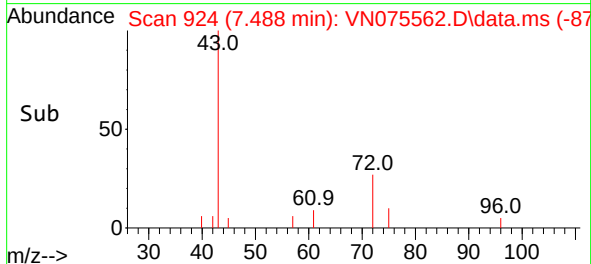
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL



Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
72 25.2 25.5 38.3

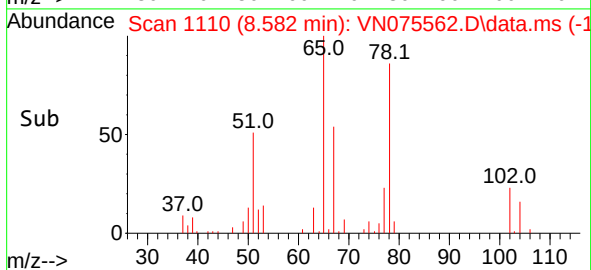
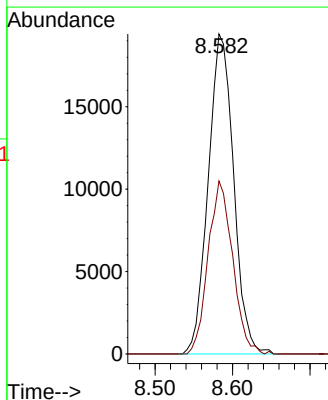
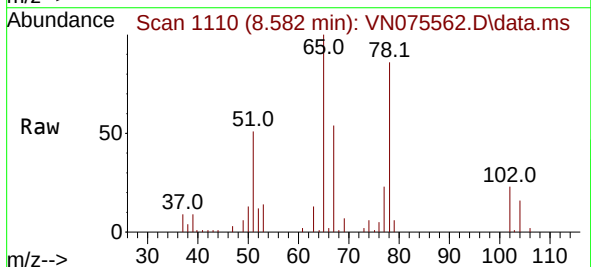
Manual Integrations
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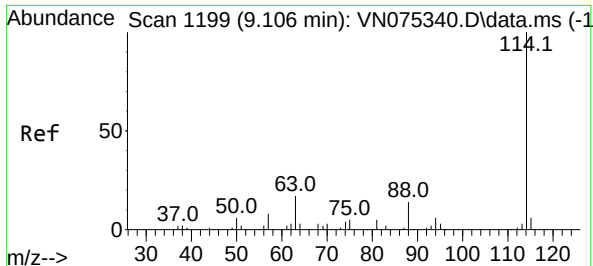
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#33
1,2-Dichloroethane-d4
Concen: 47.964 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 65 Resp: 44253
Ion Ratio Lower Upper
65 100
67 52.3 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: VN075562.D

Acq: 05 Dec 2022 16:31

Instrument :

MSVOA_N

ClientSampleId :

SP-SILICA-1201DL

Tgt Ion:114 Resp: 28193

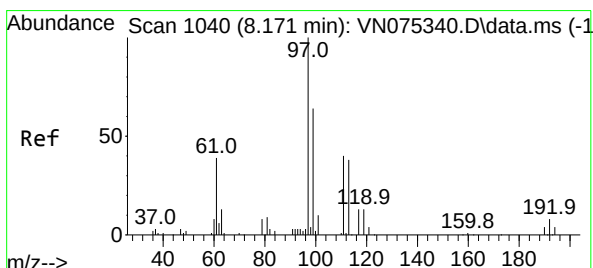
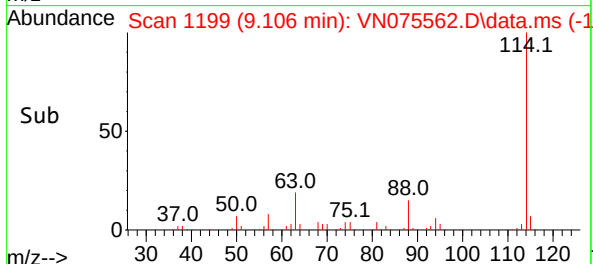
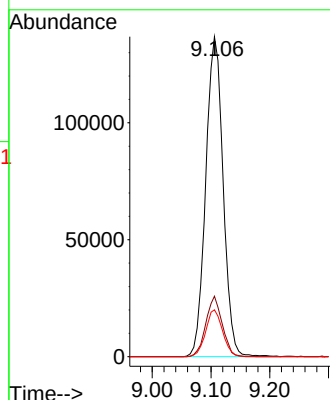
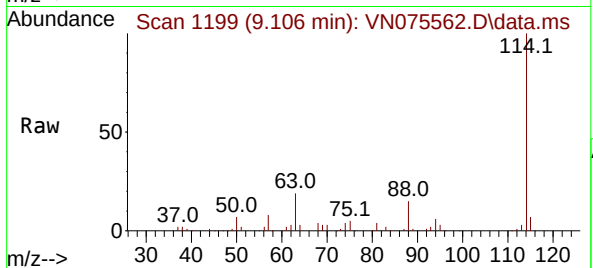
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.6
88	14.6	0.0	29.0

Manual Integrations

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Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#35

Dibromofluoromethane

Concen: 51.231 ug/l

RT: 8.171 min Scan# 1040

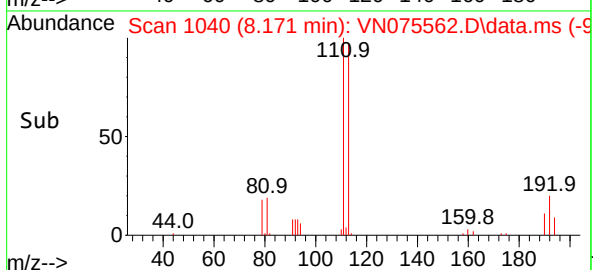
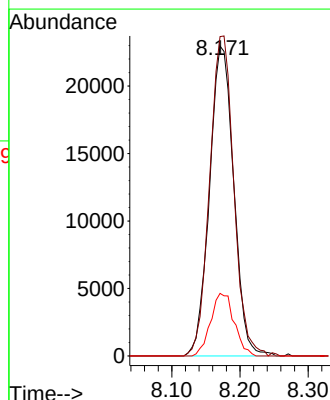
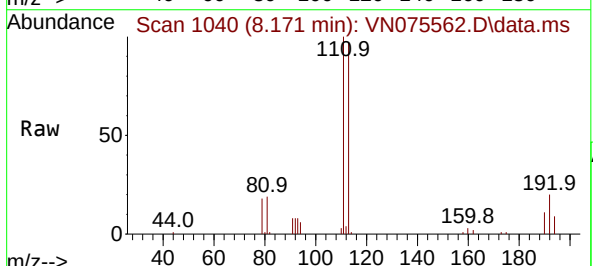
Delta R.T. -0.000 min

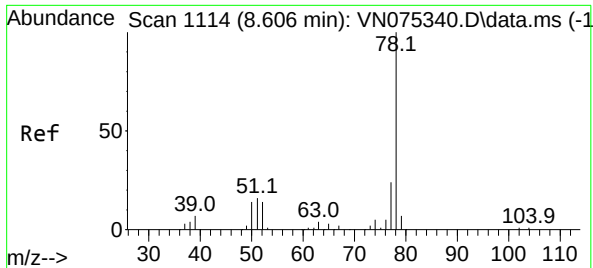
Lab File: VN075562.D

Acq: 05 Dec 2022 16:31

Tgt Ion:113 Resp: 56740

Ion	Ratio	Lower	Upper
113	100		
111	102.9	80.5	120.7
192	19.7	13.2	19.8





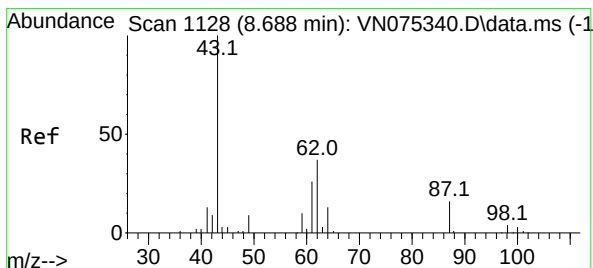
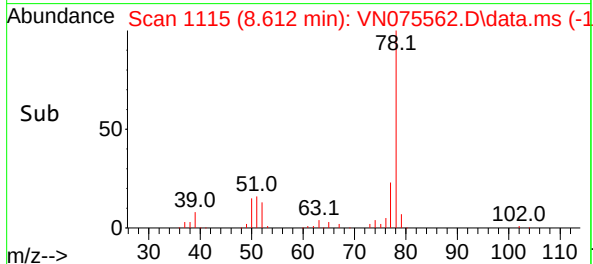
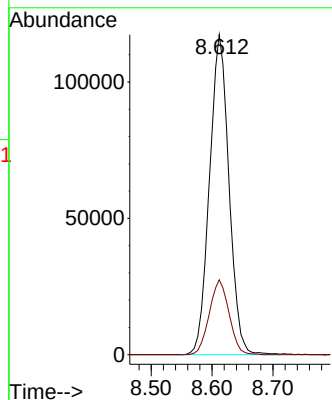
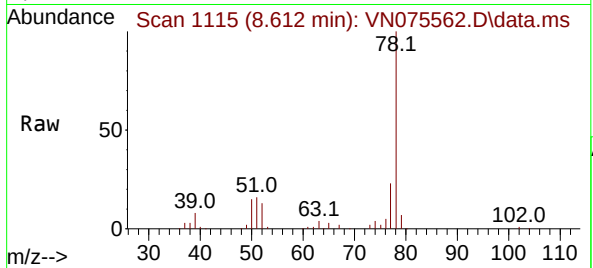
#40
Benzene
Concen: 35.244 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

Tgt Ion: 78 Resp: 26062
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0

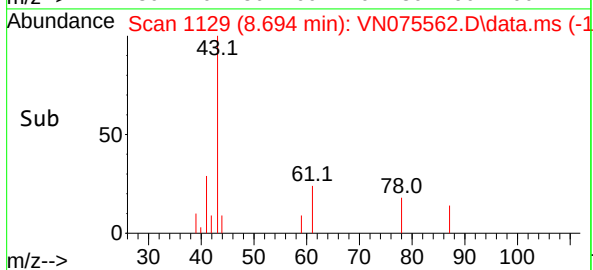
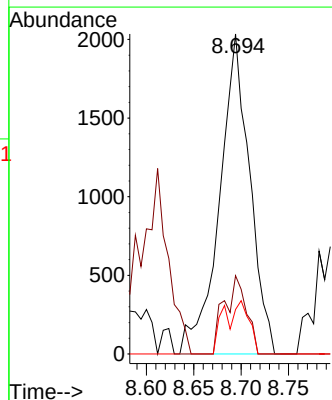
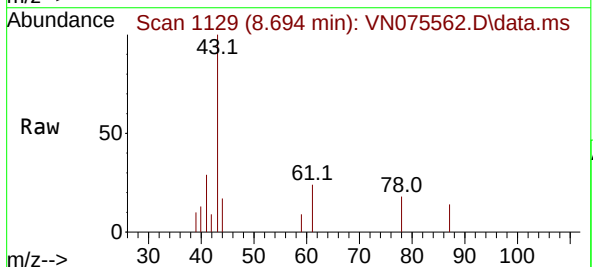
Manual Integrations
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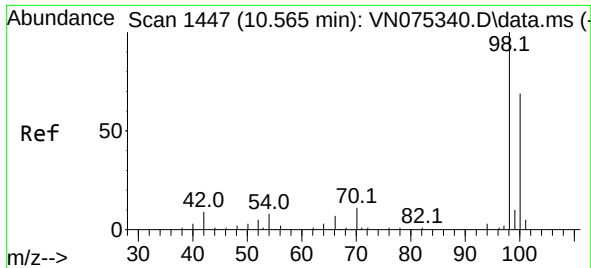
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#43
Isopropyl Acetate
Concen: 1.290 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion: 43 Resp: 4504
Ion Ratio Lower Upper
43 100
61 17.9 22.4 33.6#
87 8.2 12.5 18.7#





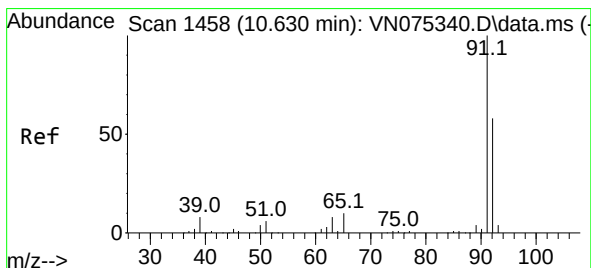
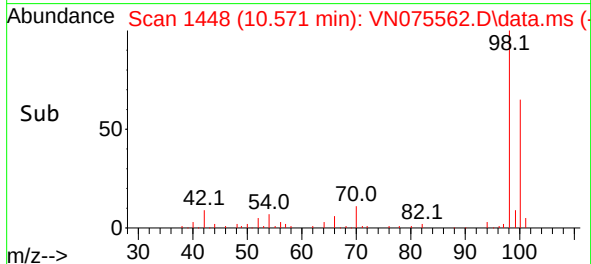
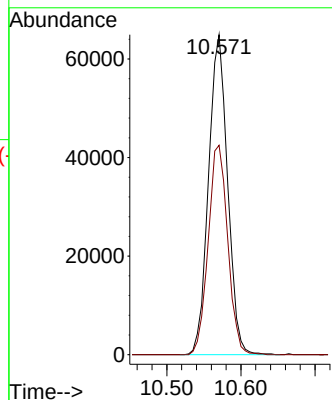
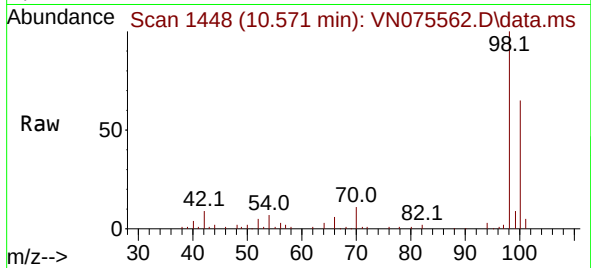
#50
Toluene-d8
Concen: 46.433 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

Tgt Ion: 98 Resp: 115828
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.6

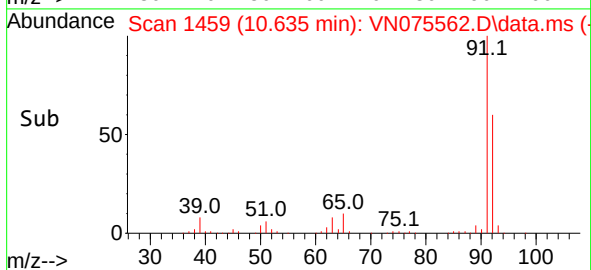
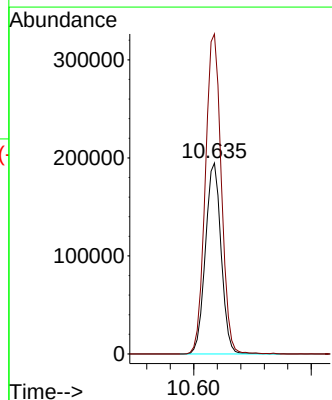
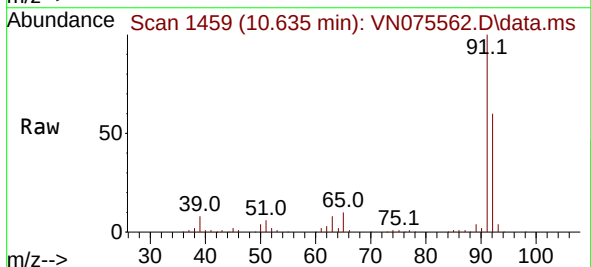
Manual Integrations
APPROVED

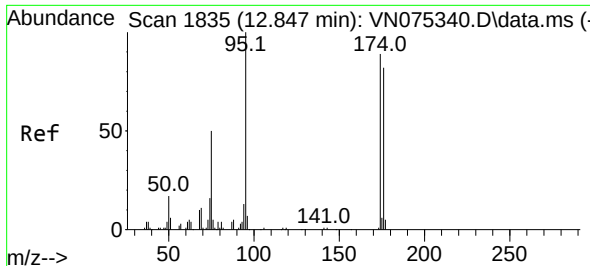
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#52
Toluene
Concen: 75.708 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

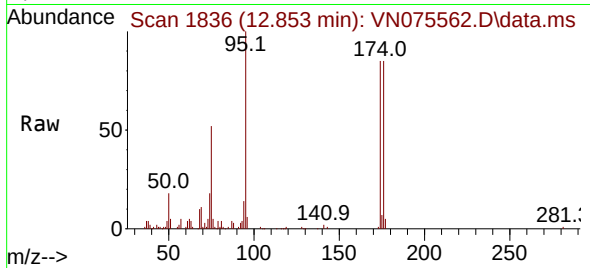
Tgt Ion: 92 Resp: 360775
Ion Ratio Lower Upper
92 100
91 170.4 135.4 203.2





#62
4-Bromofluorobenzene
Concen: 46.741 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

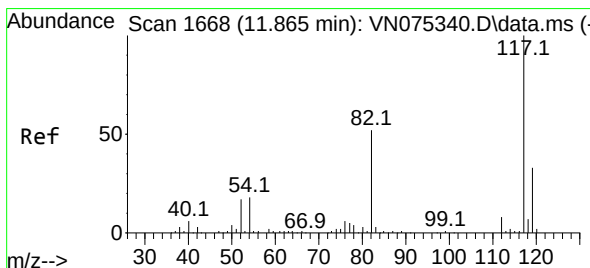
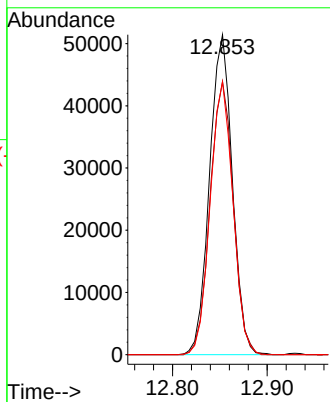
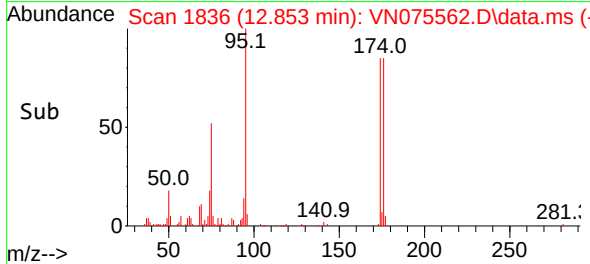
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL



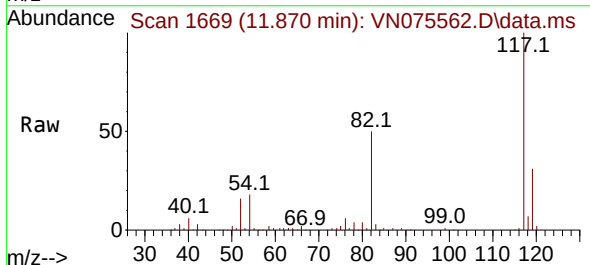
Tgt Ion: 95 Resp: 86060
Ion Ratio Lower Upper
95 100
174 86.6 0.0 147.4
176 85.1 0.0 142.2

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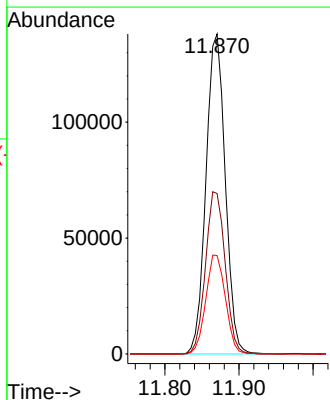
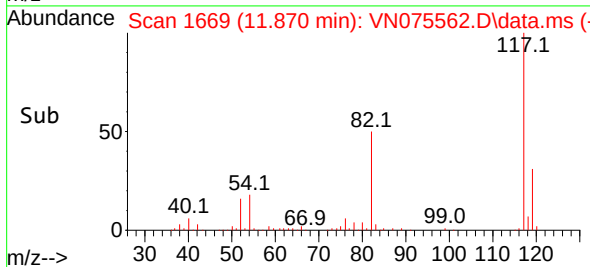
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

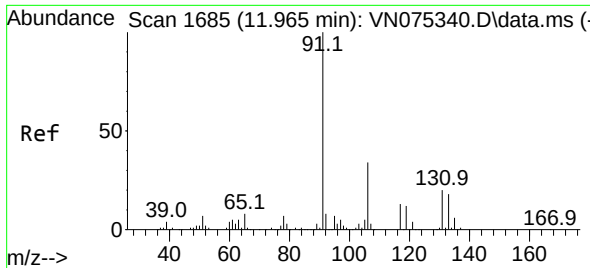


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31



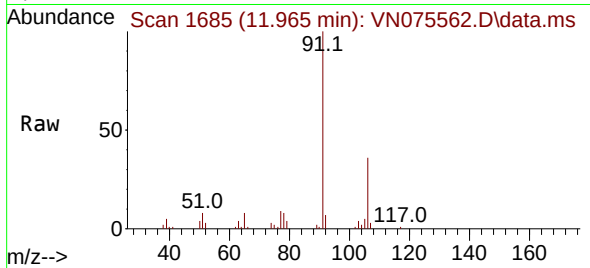
Tgt Ion:117 Resp: 249238
Ion Ratio Lower Upper
117 100
82 50.1 43.1 64.7
119 30.7 25.5 38.3





#67
Ethyl Benzene
Concen: 4.120 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

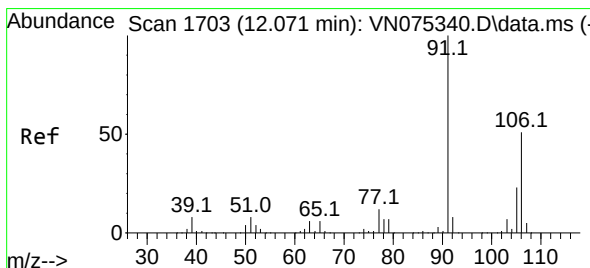
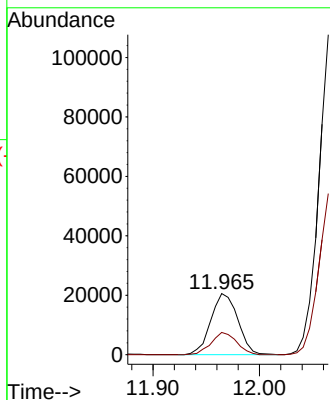
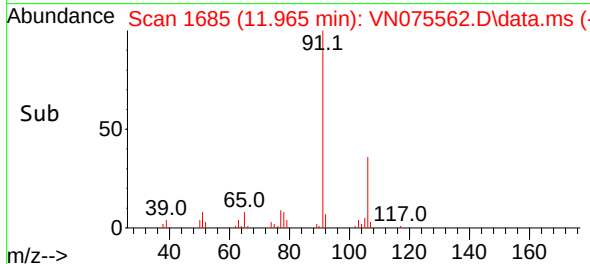
Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL



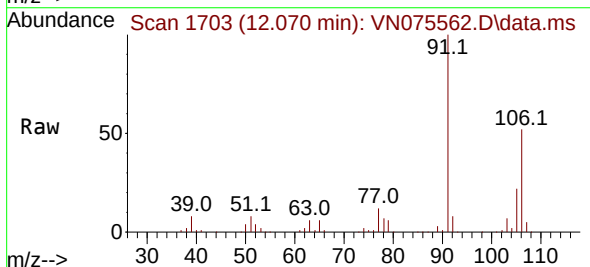
Tgt Ion: 91 Resp: 3618
Ion Ratio Lower Upper
91 100
106 36.3 24.9 37.3

Manual Integrations
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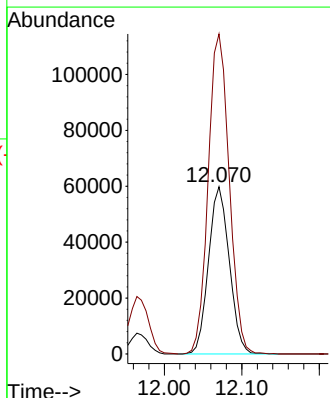
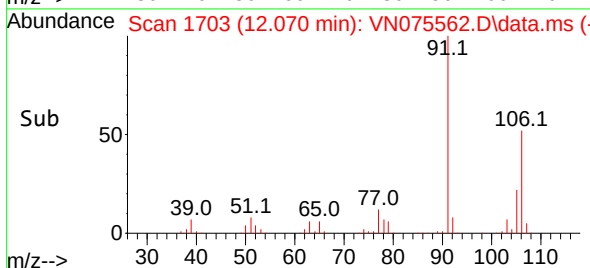
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

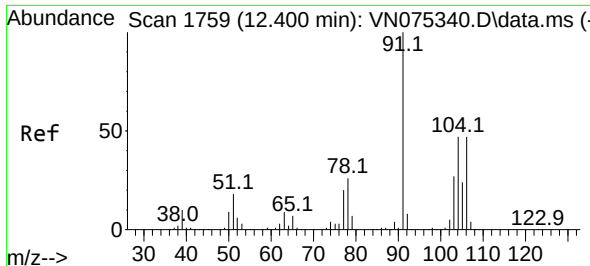


#68
m/p-Xylenes
Concen: 31.219 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31



Tgt Ion:106 Resp: 111327
Ion Ratio Lower Upper
106 100
91 193.8 156.0 234.0





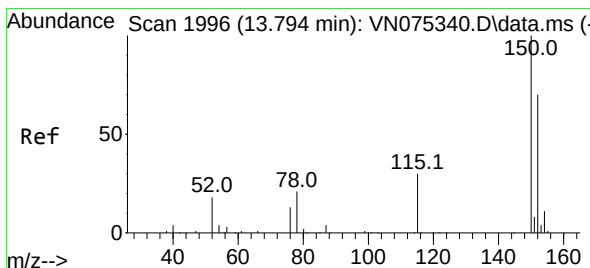
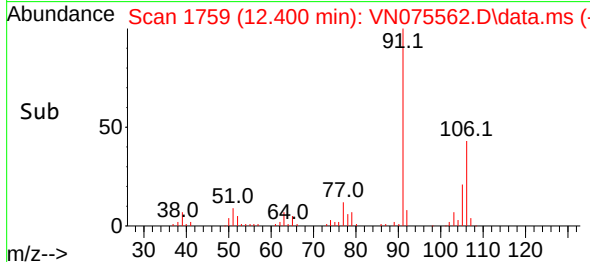
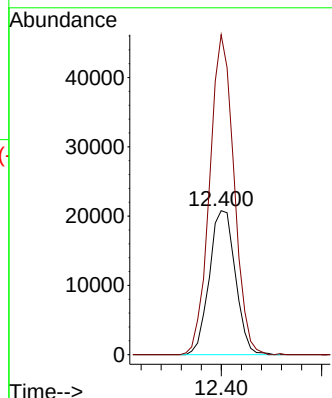
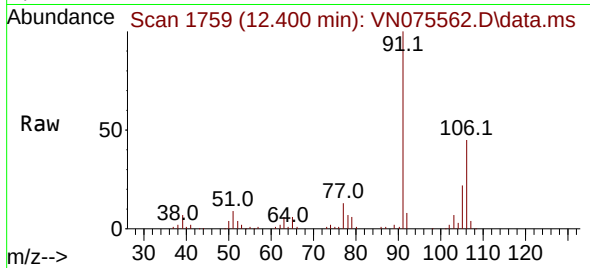
#69
o-Xylene
Concen: 10.593 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

Tgt Ion:106 Resp: 3753
Ion Ratio Lower Upper
106 100
91 207.5 105.2 315.5

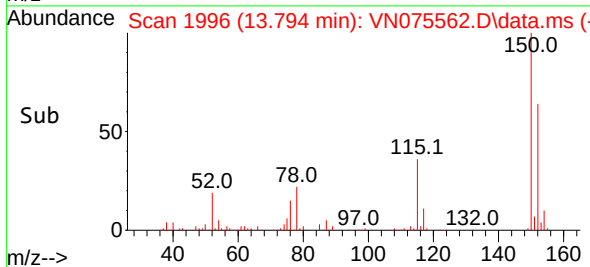
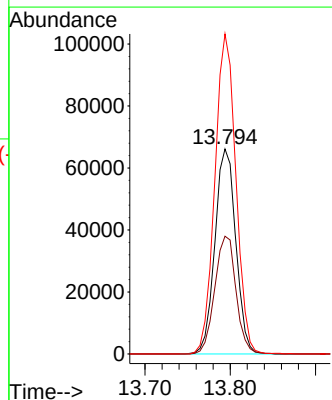
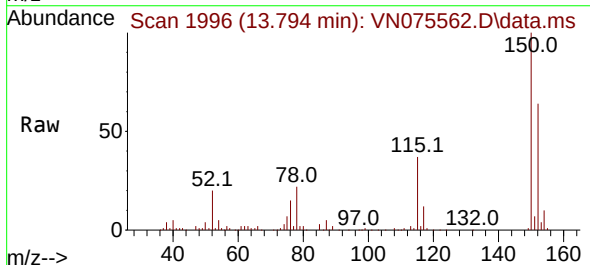
Manual Integrations
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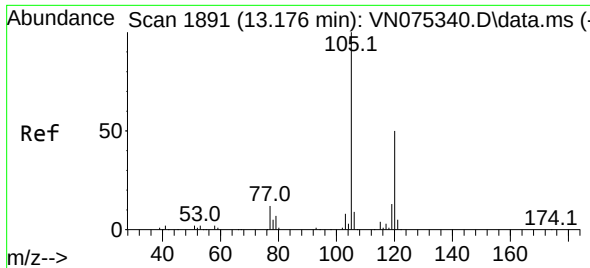
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion:152 Resp: 112706
Ion Ratio Lower Upper
152 100
115 58.4 30.2 90.6
150 156.8 0.0 348.4





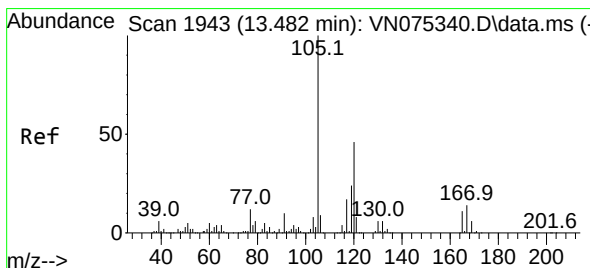
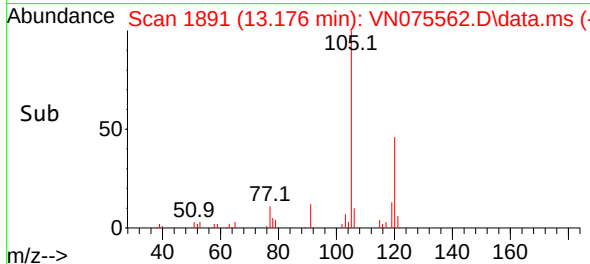
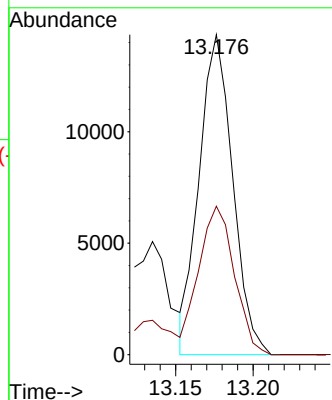
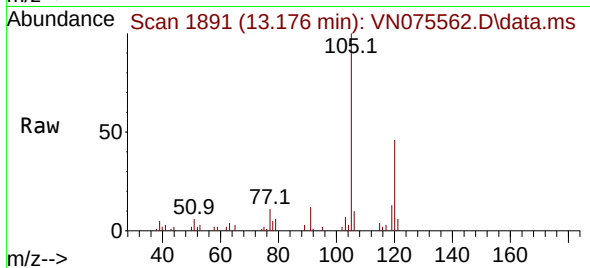
#80
1,3,5-Trimethylbenzene
Concen: 3.155 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Instrument :
MSVOA_N
ClientSampleId :
SP-SILICA-1201DL

Tgt Ion:105 Resp: 2158
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.515 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075562.D
Acq: 05 Dec 2022 16:31

Tgt Ion:105 Resp: 37844
Ion Ratio Lower Upper
105 100
120 46.5 22.7 68.1

