

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075539.D
 Acq On : 02 Dec 2022 18:05
 Operator : JC\MD
 Sample : N5843-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WOOD-SILICA-1201

Quant Time: Dec 03 00:36:32 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

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	168154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	269305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	44681	49.501	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.000%		
35) Dibromofluoromethane	8.177	113	56971	53.852	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.700%		
50) Toluene-d8	10.571	98	123319	51.755	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.520%		
62) 4-Bromofluorobenzene	12.853	95	95197	54.129	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.260%		
Target Compounds					Qvalue	
8) Diethyl Ether	3.977	74	1452	1.438	ug/l	83
11) Tert butyl alcohol	5.542	59	25018m	66.026	ug/l	
16) Acetone	4.442	43	92426	109.779	ug/l	95
18) Methyl Acetate	5.042	43	12767	4.845	ug/l	96
25) 2-Butanone	7.494	43	19370	16.479	ug/l #	88
31) Cyclohexane	8.265	56	35391	12.341	ug/l #	91
39) Methylcyclohexane	9.600	83	57532	19.925	ug/l	96
40) Benzene	8.612	78	721626	102.162	ug/l	99
43) Isopropyl Acetate	8.700	43	15567	4.669	ug/l	91
52) Toluene	10.635	92	2163327	475.264	ug/l	99
67) Ethyl Benzene	11.965	91	269732	30.978	ug/l	98
68) m/p-Xylenes	12.071	106	733960	207.577	ug/l	99
69) o-Xylene	12.400	106	213048	60.644	ug/l	96
73) Isopropylbenzene	12.694	105	50699	5.658	ug/l	96
78) n-propylbenzene	13.035	91	44545	4.455	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	232029	31.169	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	456288	61.107	ug/l	98
85) sec-Butylbenzene	13.617	105	17347	1.884	ug/l	78
86) p-Isopropyltoluene	13.729	119	24725	3.191	ug/l	98
89) n-Butylbenzene	14.059	91	9150	1.398	ug/l #	76
95) Naphthalene	15.647	128	8031	1.219	ug/l	95

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

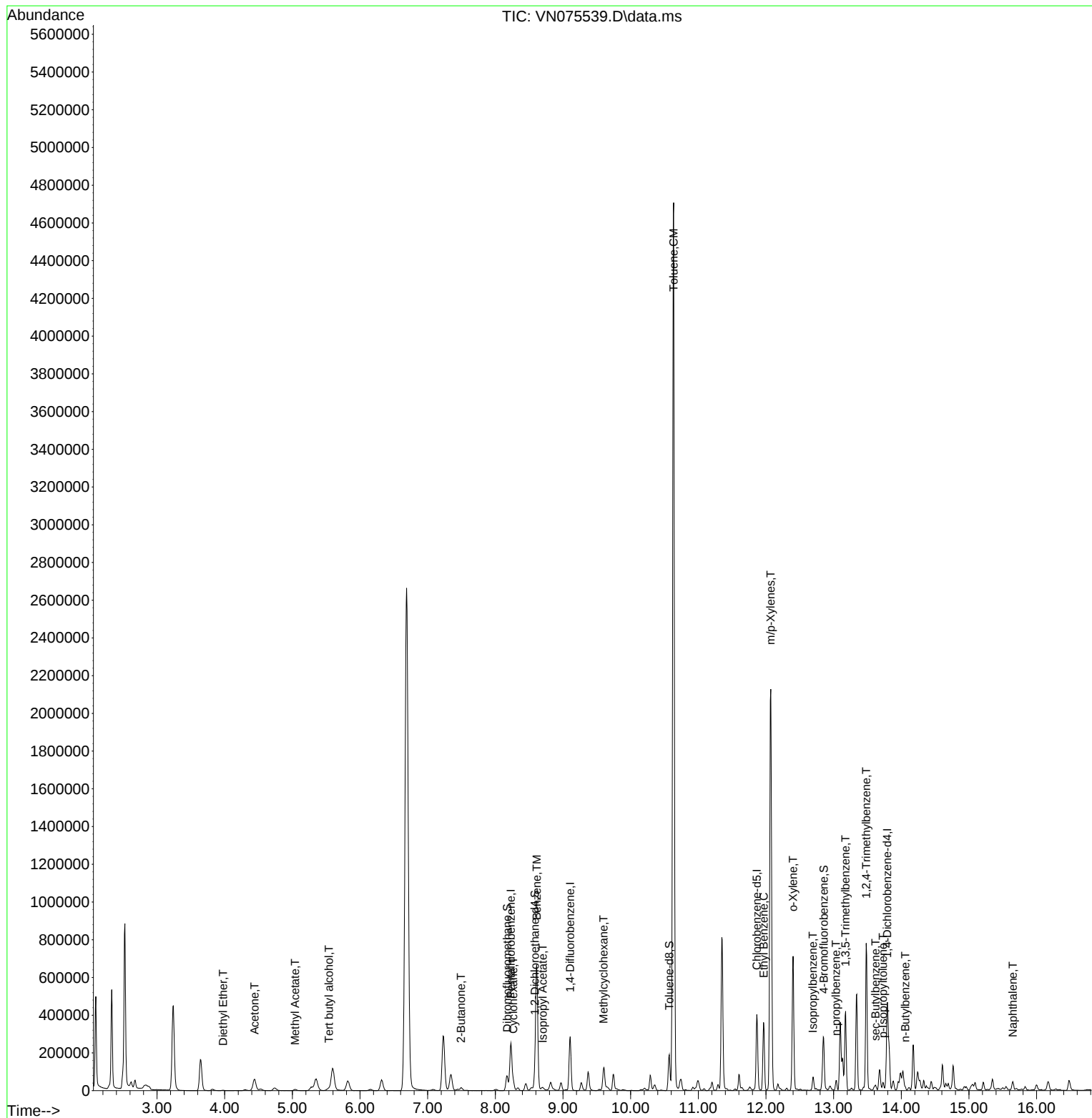
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
Data File : VN075539.D
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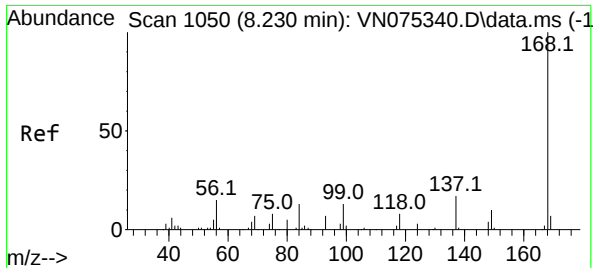
Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201

Quant Time: Dec 03 00:36:32 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

Manual Integrations
APPROVED

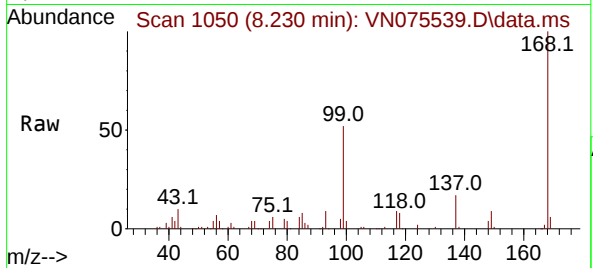
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

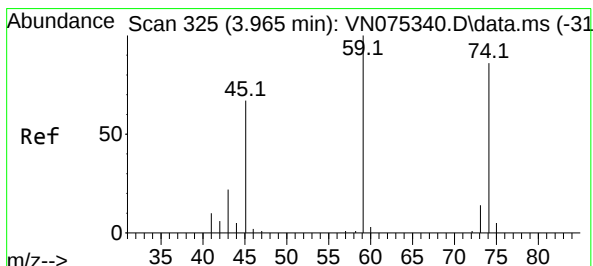
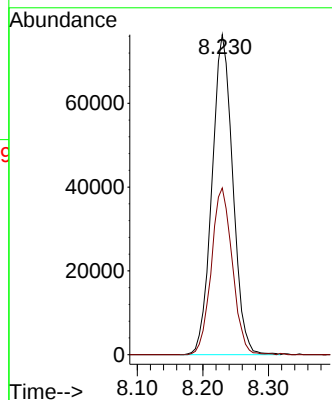
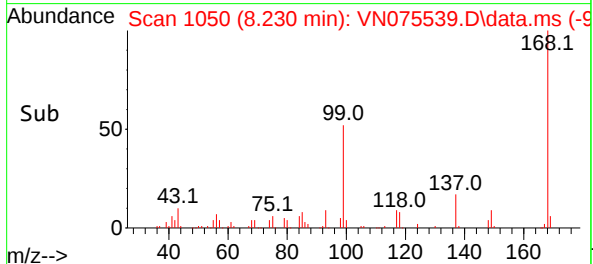
Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201



Tgt Ion:168 Resp: 168154
Ion Ratio Lower Upper
168 100
99 52.1 51.6 77.4

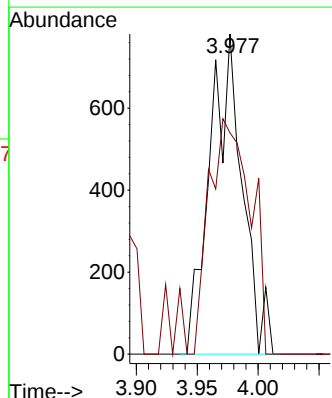
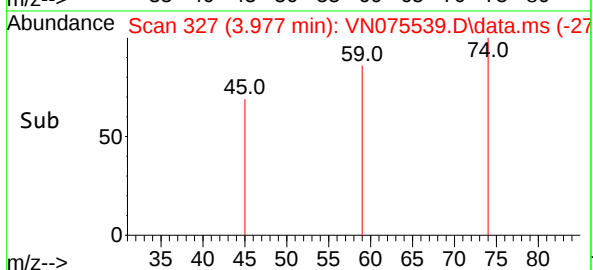
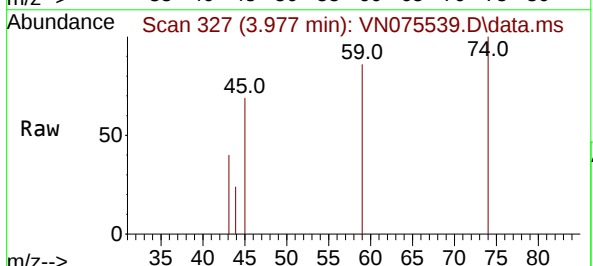
Manual Integrations
APPROVED

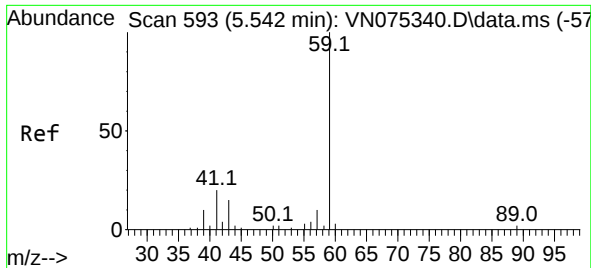
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#8
Diethyl Ether
Concen: 1.438 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.012 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

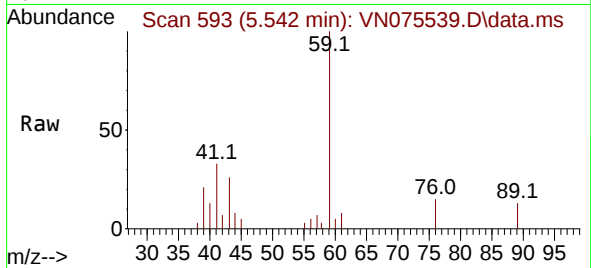
Tgt Ion: 74 Resp: 1452
Ion Ratio Lower Upper
74 100
45 93.9 39.3 117.9





#11
Tert butyl alcohol
Concen: 66.026 ug/l m
RT: 5.542 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

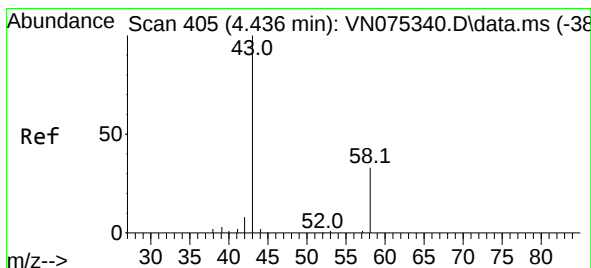
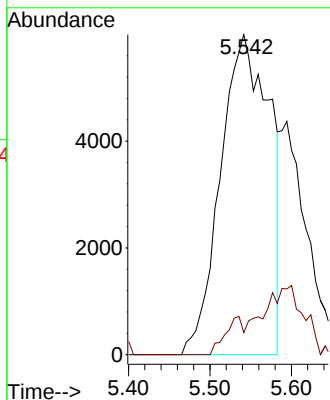
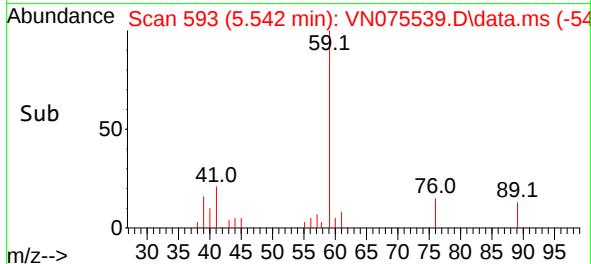
Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201



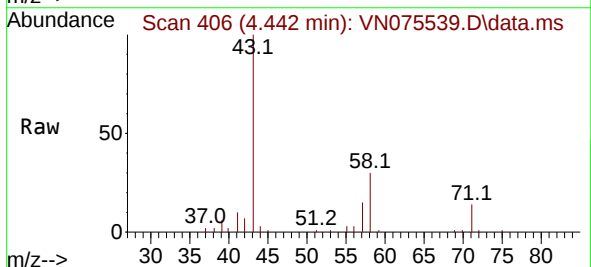
Tgt Ion: 59 Resp: 25018
Ion Ratio Lower Upper
59 100
57 4.4 8.5 12.7

Manual Integrations
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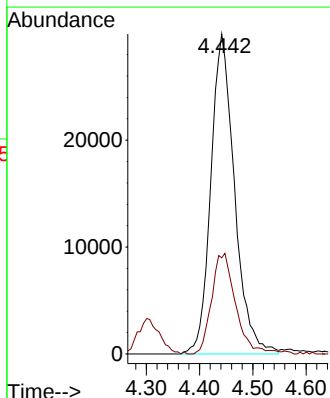
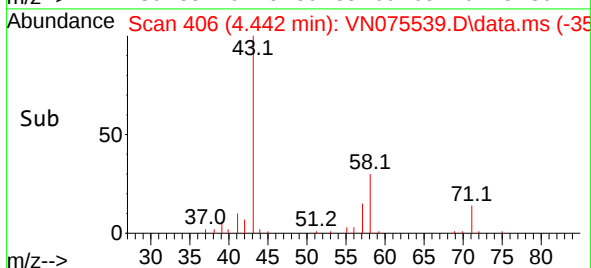
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

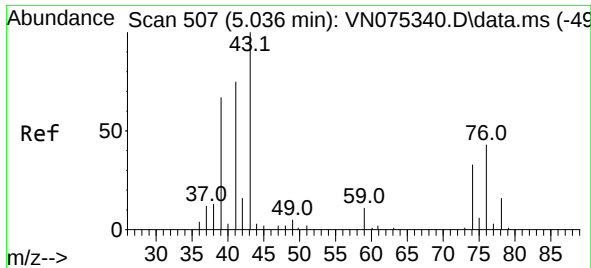


#16
Acetone
Concen: 109.779 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05



Tgt Ion: 43 Resp: 92426
Ion Ratio Lower Upper
43 100
58 29.4 25.5 38.3





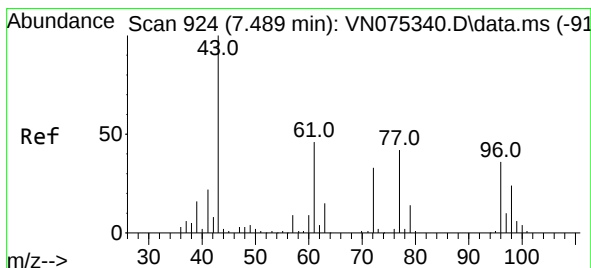
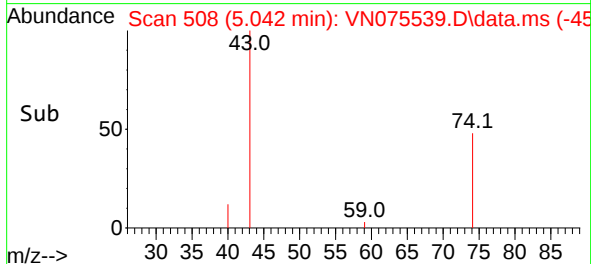
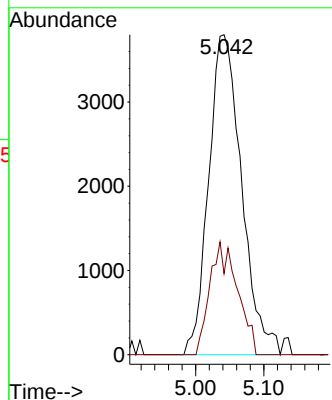
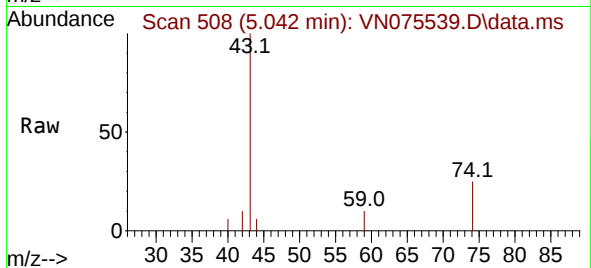
#18
Methyl Acetate
Concen: 4.845 ug/l
RT: 5.042 min Scan# 507
Delta R.T. 0.006 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201

Tgt Ion: 43 Resp: 1276
Ion Ratio Lower Upper
43 100
74 29.6 22.0 33.0

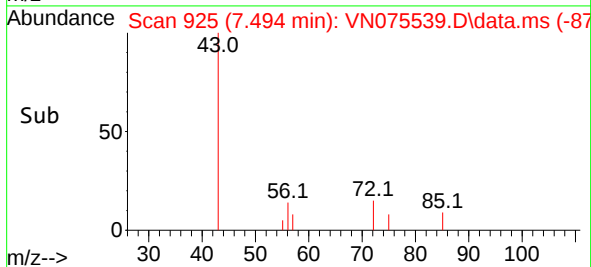
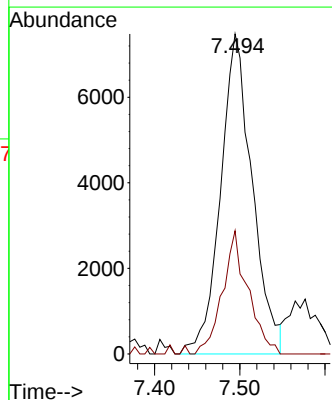
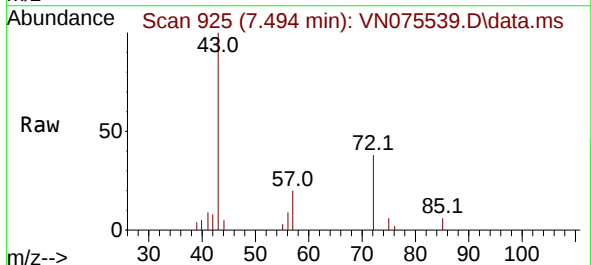
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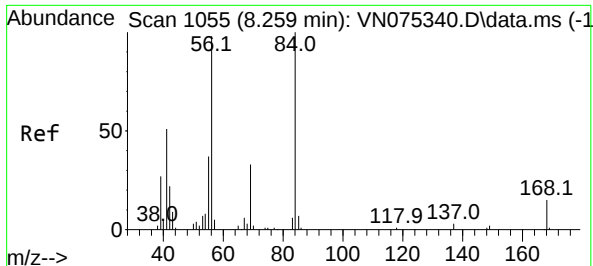
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#25
2-Butanone
Concen: 16.479 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.005 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

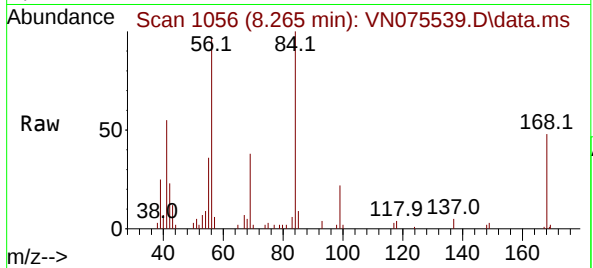
Tgt Ion: 43 Resp: 19370
Ion Ratio Lower Upper
43 100
72 38.5 25.5 38.3#





#31
Cyclohexane
Concen: 12.341 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

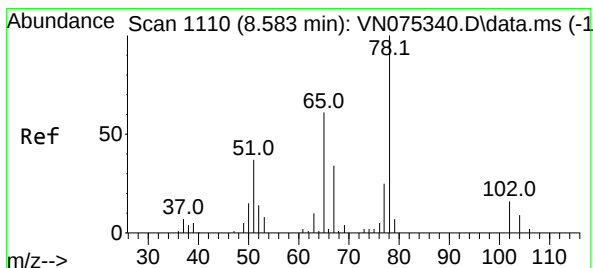
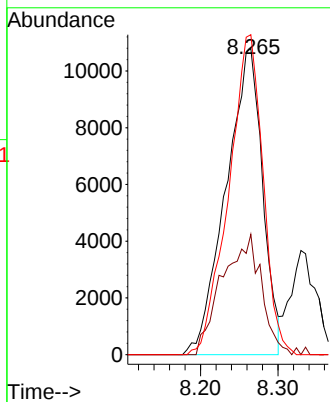
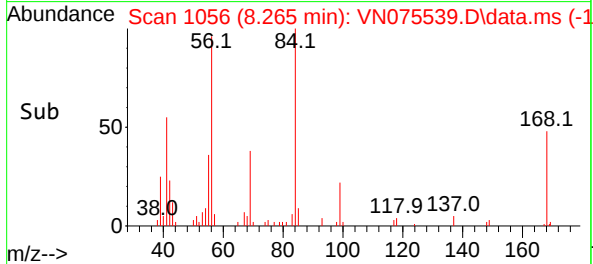
Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201



Tgt Ion: 56 Resp: 3539
Ion Ratio Lower Upper
56 100
69 39.3 25.2 37.8
84 104.5 77.8 116.8

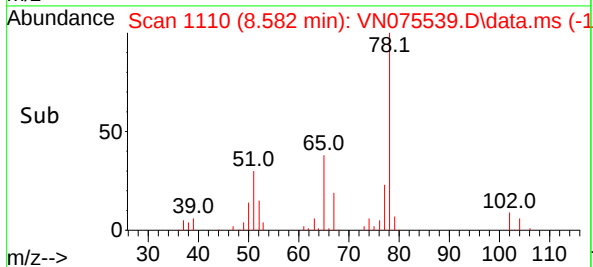
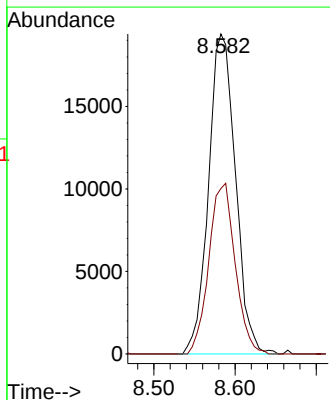
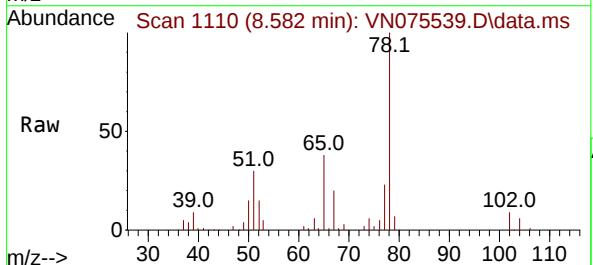
Manual Integrations
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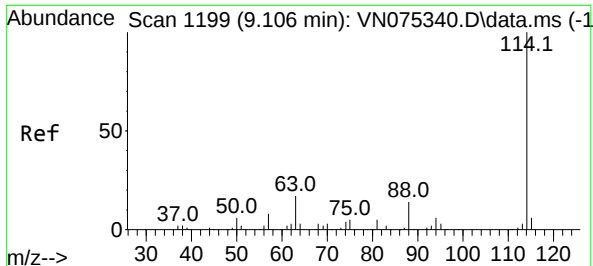
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#33
1,2-Dichloroethane-d4
Concen: 49.501 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

Tgt Ion: 65 Resp: 44681
Ion Ratio Lower Upper
65 100
67 52.2 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: VN075539.D

Acq: 02 Dec 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

WOOD-SILICA-1201

Tgt Ion:114 Resp: 26930

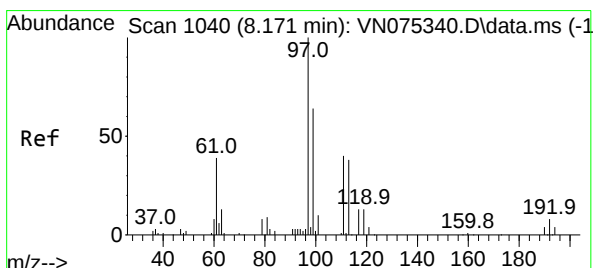
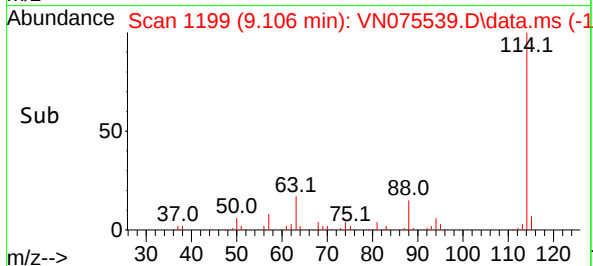
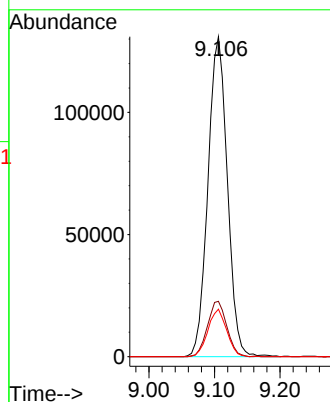
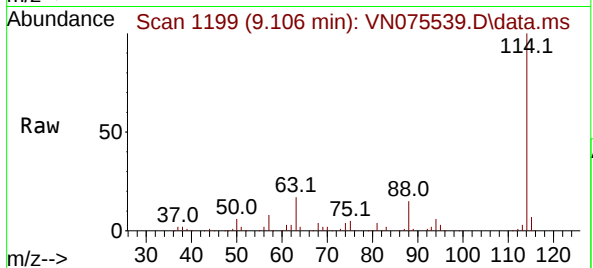
Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	39.6
88	14.9	0.0	29.0

Manual Integrations

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Supervised By :Mahesh Dadoda 12/05/2022



#35

Dibromofluoromethane

Concen: 53.852 ug/l

RT: 8.177 min Scan# 1041

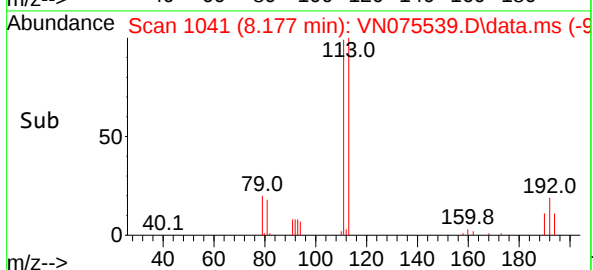
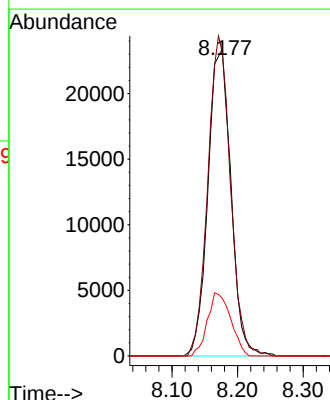
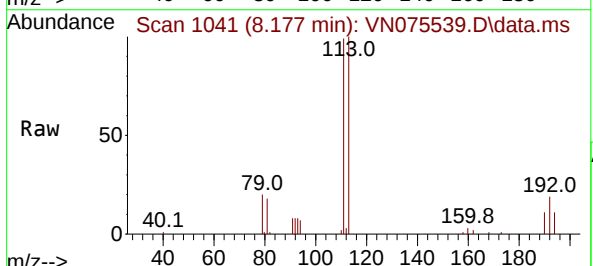
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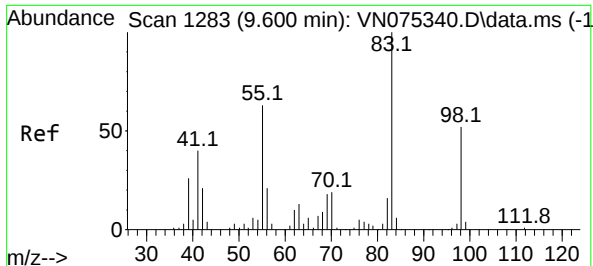
Lab File: VN075539.D

Acq: 02 Dec 2022 18:05

Tgt Ion:113 Resp: 56971

Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.5	120.7
192	20.8	13.2	19.8





#39

Methylcyclohexane

Concen: 19.925 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075539.D

Acq: 02 Dec 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

WOOD-SILICA-1201

Tgt Ion: 83 Resp: 5753

Ion Ratio Lower Upper

83 100

55 61.7 53.6 80.4

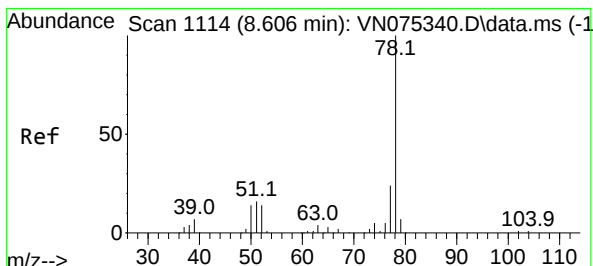
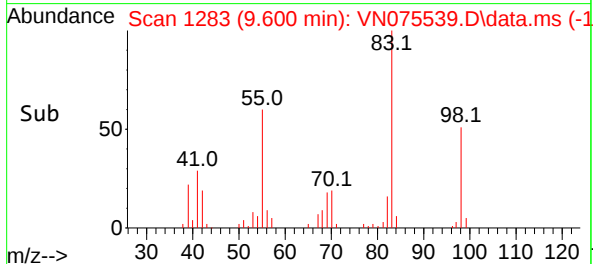
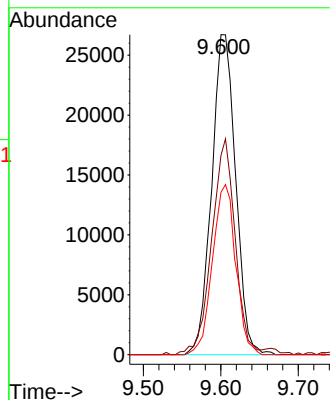
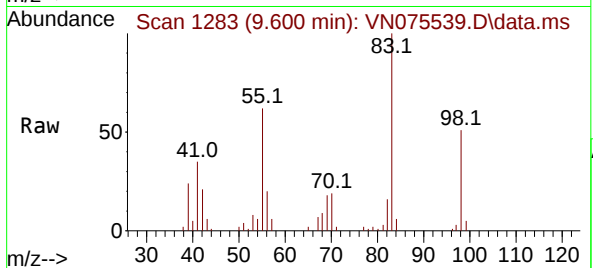
98 50.8 41.1 61.7

Manual Integrations

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Supervised By :Mahesh Dadoda 12/05/2022



#40

Benzene

Concen: 102.162 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075539.D

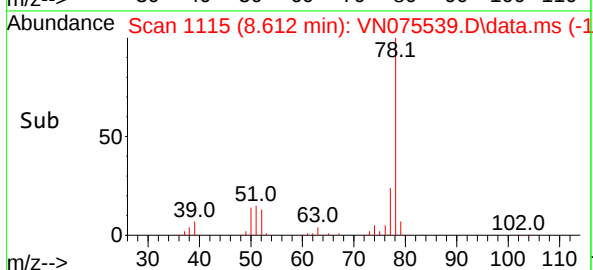
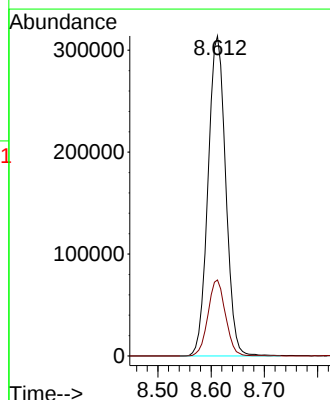
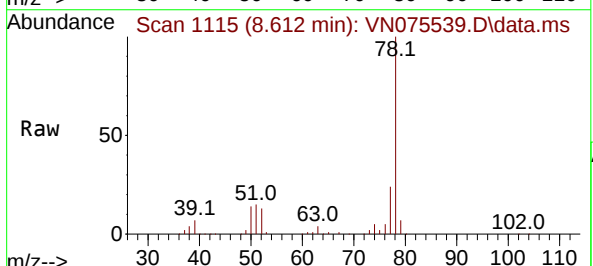
Acq: 02 Dec 2022 18:05

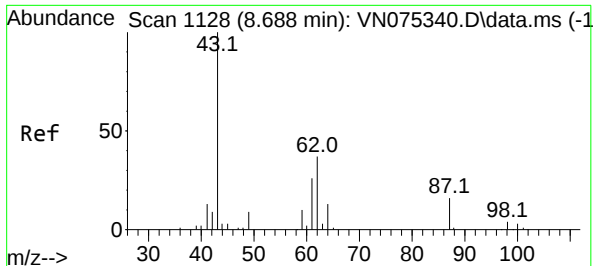
Tgt Ion: 78 Resp: 721626

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0





#43

Isopropyl Acetate

Concen: 4.669 ug/l

RT: 8.700 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VN075539.D

Acq: 02 Dec 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

WOOD-SILICA-1201

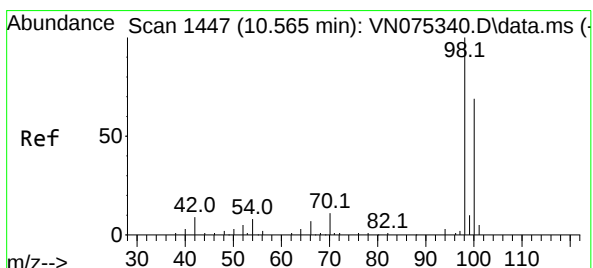
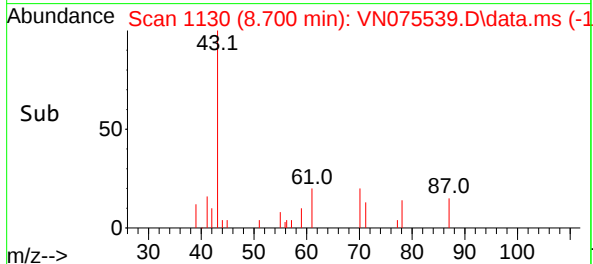
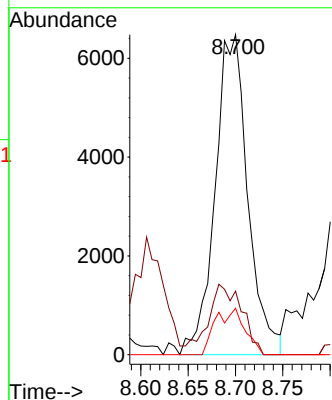
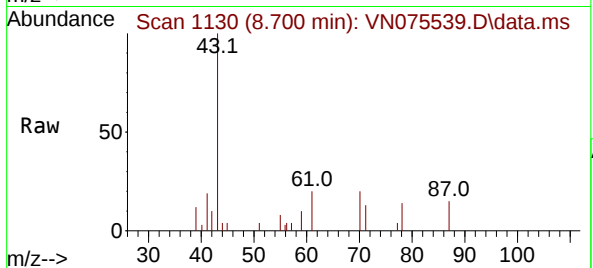
Tgt Ion: 43	Resp: 1556
Ion Ratio	Lower Upper
43 100	
61 22.6	22.4 33.6
87 13.1	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#50

Toluene-d8

Concen: 51.755 ug/l

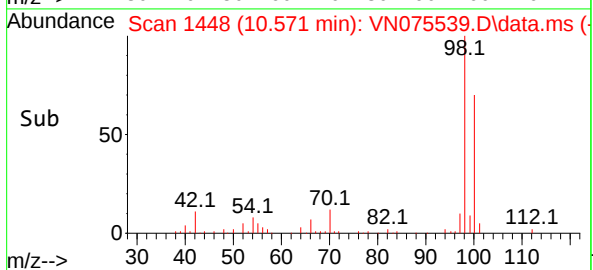
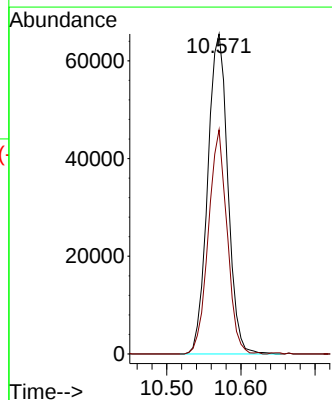
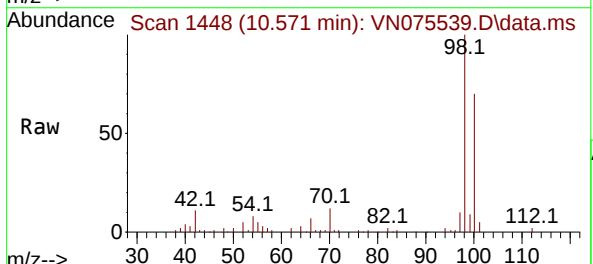
RT: 10.571 min Scan# 1448

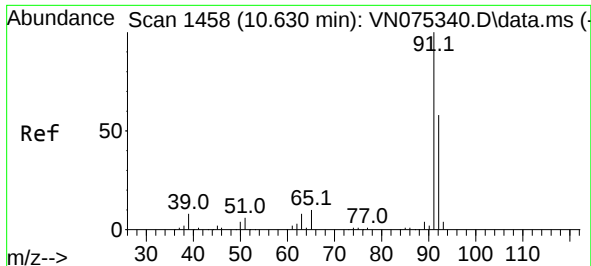
Delta R.T. 0.006 min

Lab File: VN075539.D

Acq: 02 Dec 2022 18:05

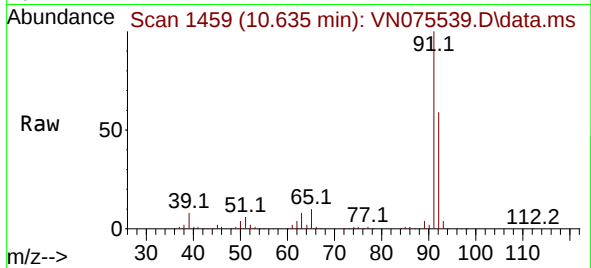
Tgt Ion: 98	Resp: 123319
Ion Ratio	Lower Upper
98 100	
100 65.2	53.0 79.6





#52
Toluene
Concen: 475.264 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

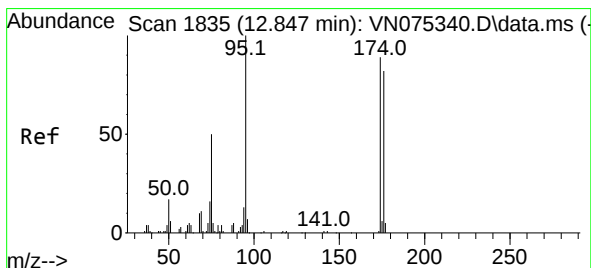
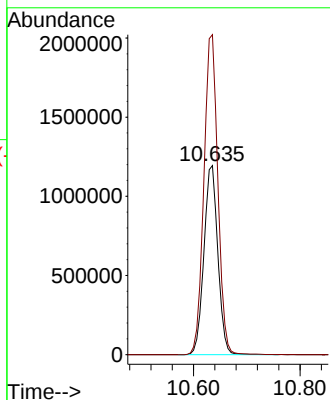
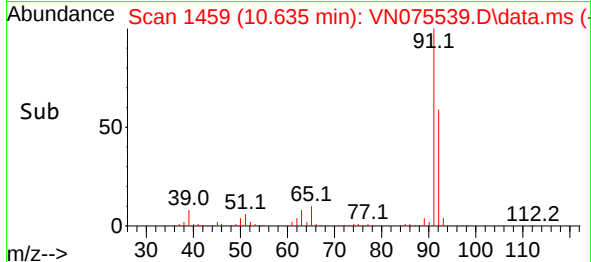
Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201



Tgt Ion: 92 Resp: 216332
Ion Ratio Lower Upper
92 100
91 170.3 135.4 203.2

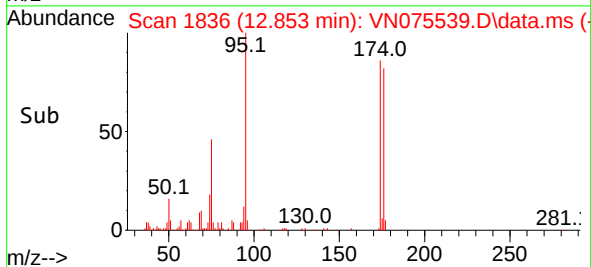
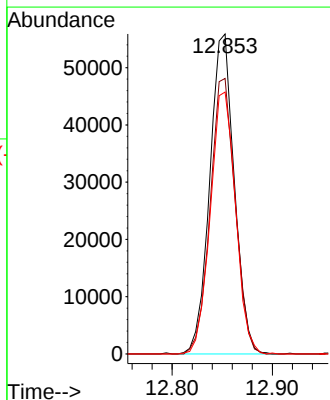
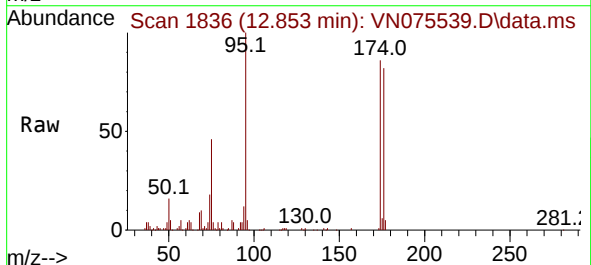
Manual Integrations
APPROVED

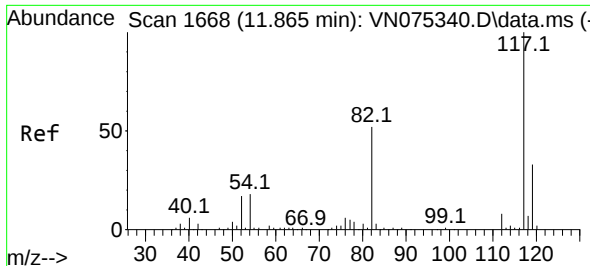
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#62
4-Bromofluorobenzene
Concen: 54.129 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

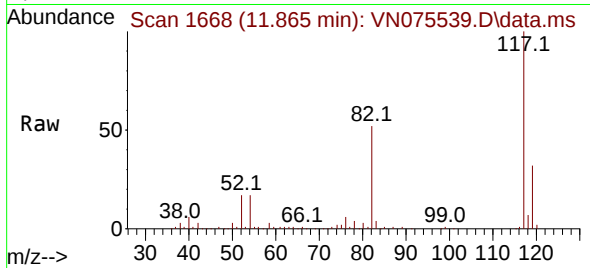
Tgt Ion: 95 Resp: 95197
Ion Ratio Lower Upper
95 100
174 87.3 0.0 147.4
176 84.0 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

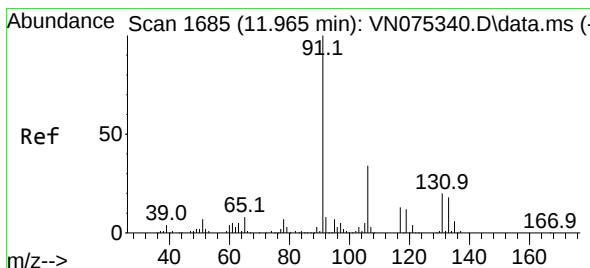
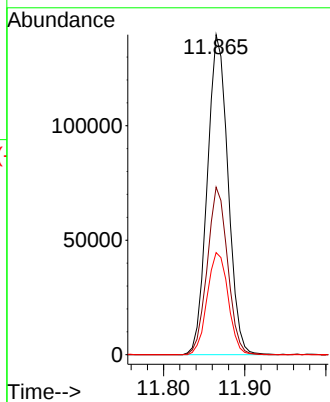
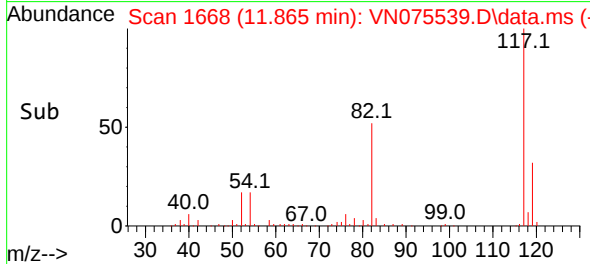
Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201



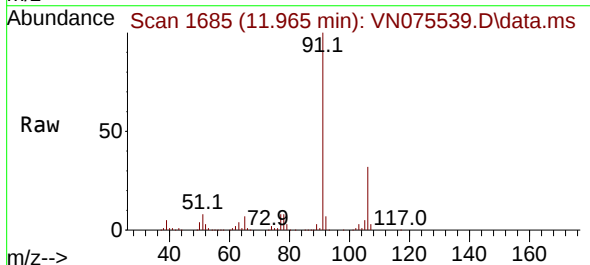
Tgt Ion: 117 Resp: 247129
Ion Ratio Lower Upper
117 100
82 52.4 43.1 64.7
119 31.9 25.5 38.3

Manual Integrations
APPROVED

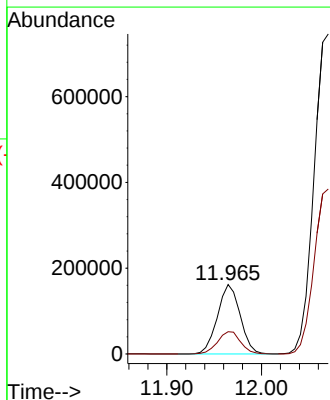
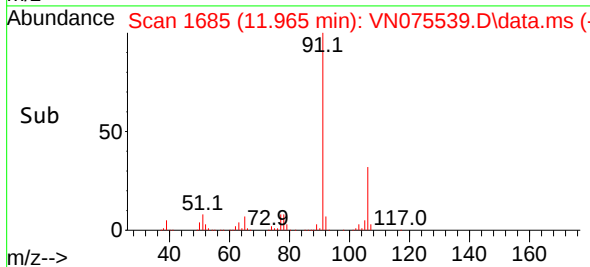
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

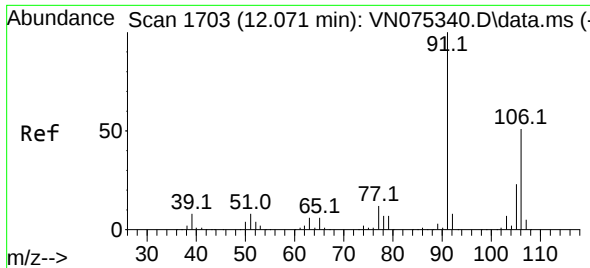


#67
Ethyl Benzene
Concen: 30.978 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05



Tgt Ion: 91 Resp: 269732
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3





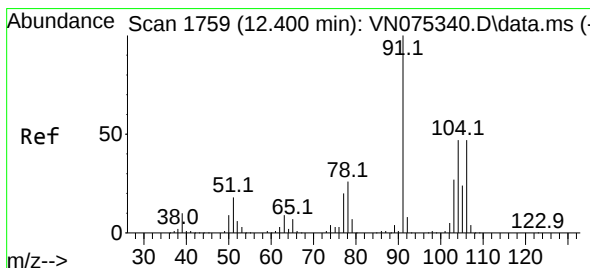
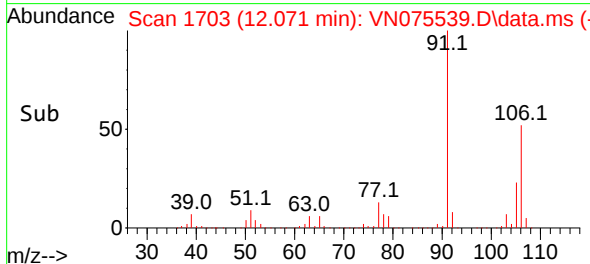
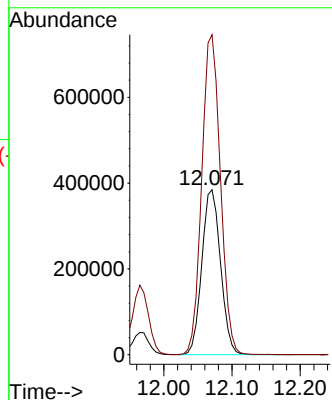
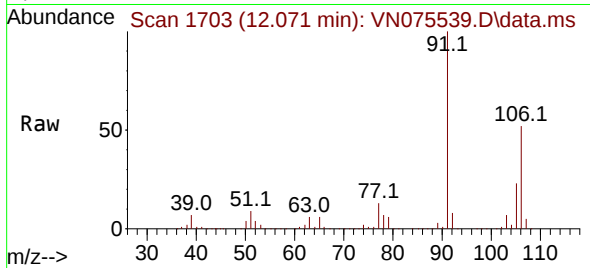
#68
m/p-Xylenes
Concen: 207.577 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201

Tgt Ion:106 Resp: 733960
Ion Ratio Lower Upper
106 100
91 193.4 156.0 234.0

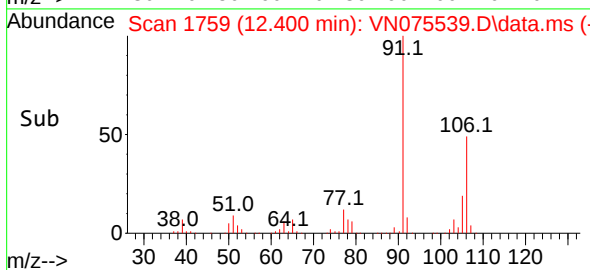
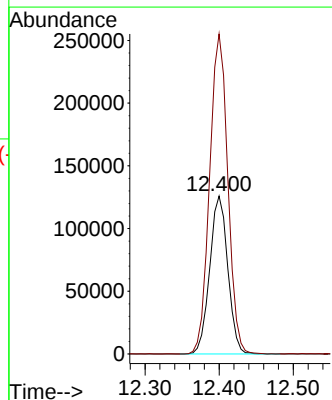
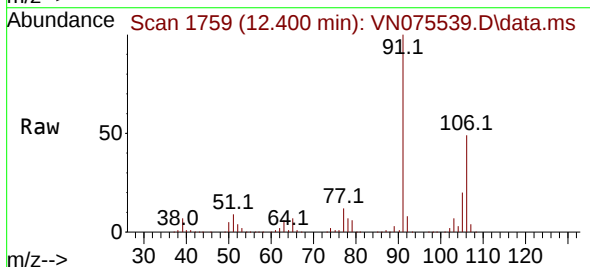
Manual Integrations
APPROVED

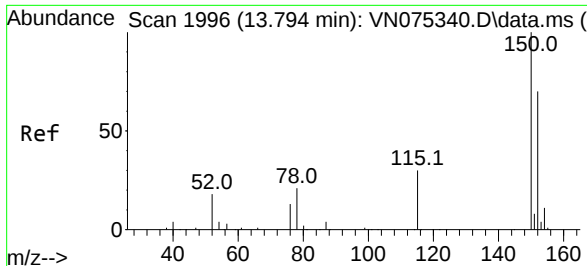
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#69
o-Xylene
Concen: 60.644 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

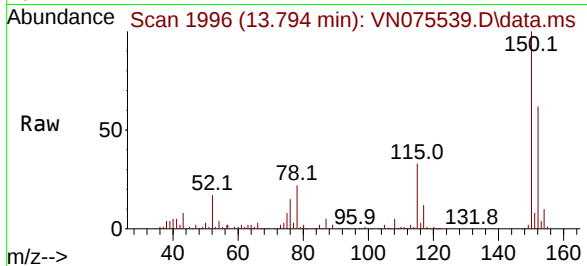
Tgt Ion:106 Resp: 213048
Ion Ratio Lower Upper
106 100
91 204.1 105.2 315.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

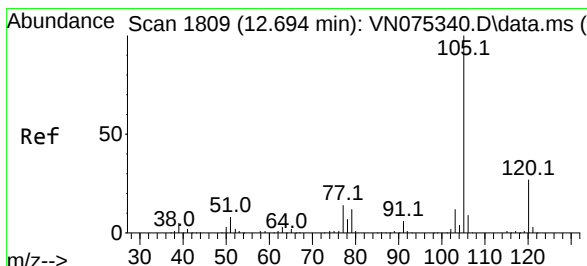
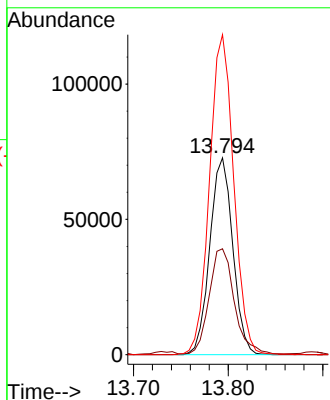
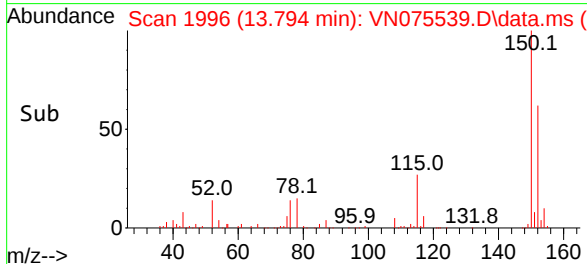
Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201



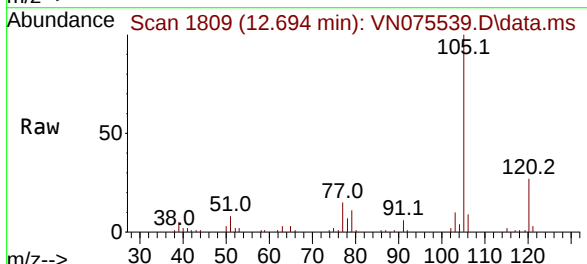
Tgt Ion:152 Resp: 12264
Ion Ratio Lower Upper
152 100
115 59.5 30.2 90.6
150 171.0 0.0 348.4

Manual Integrations
APPROVED

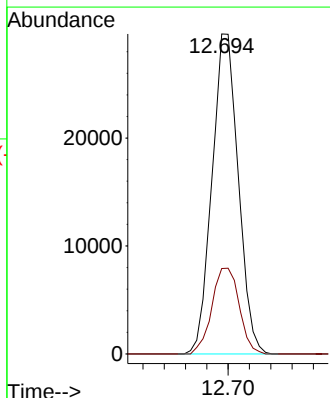
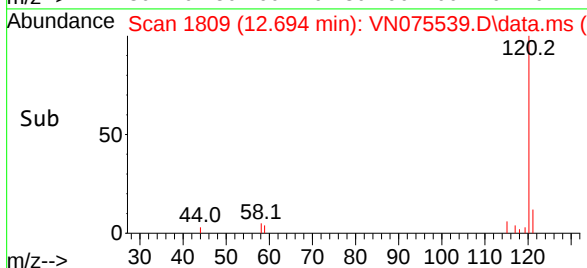
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

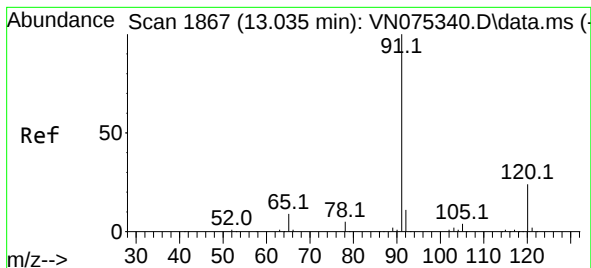


#73
Isopropylbenzene
Concen: 5.658 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05



Tgt Ion:105 Resp: 50699
Ion Ratio Lower Upper
105 100
120 27.9 13.1 39.1





#78

n-propylbenzene

Concen: 4.455 ug/l

RT: 13.035 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN075539.D

Acq: 02 Dec 2022 18:05

Instrument :

MSVOA_N

ClientSampleId :

WOOD-SILICA-1201

Tgt Ion: 91 Resp: 4454

Ion Ratio Lower Upper

91 100

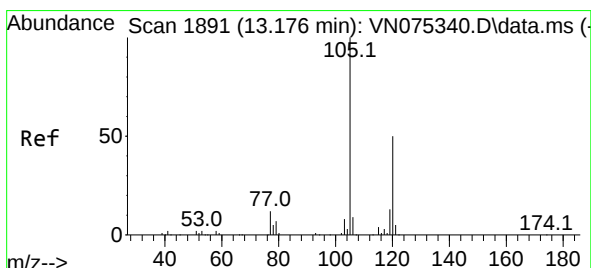
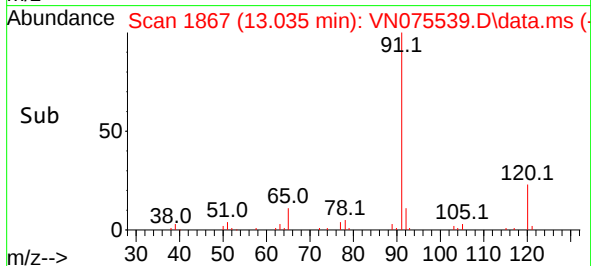
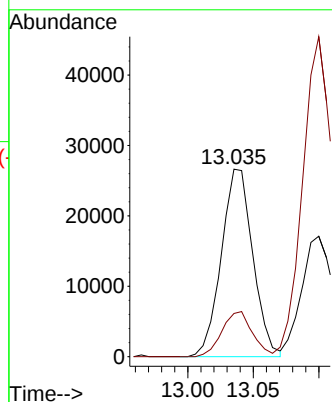
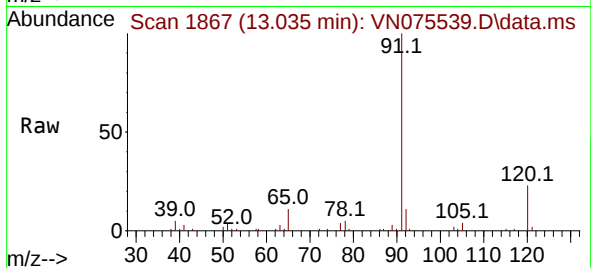
120 23.4 11.9 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#80

1,3,5-Trimethylbenzene

Concen: 31.169 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075539.D

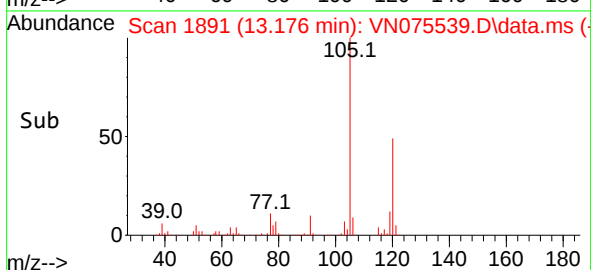
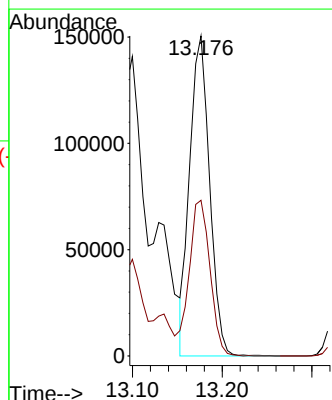
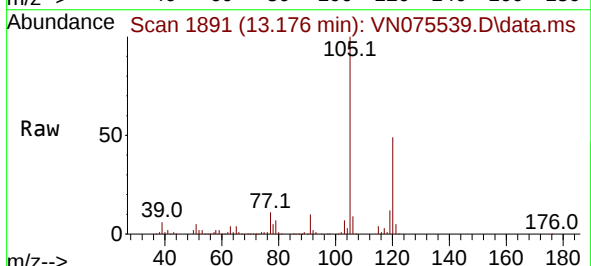
Acq: 02 Dec 2022 18:05

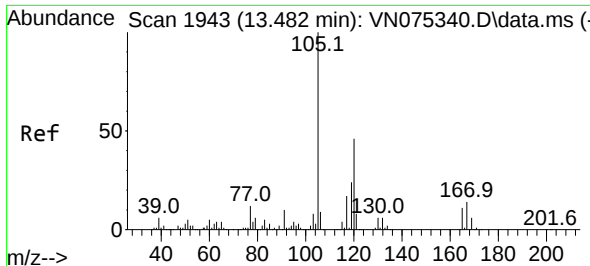
Tgt Ion:105 Resp: 232029

Ion Ratio Lower Upper

105 100

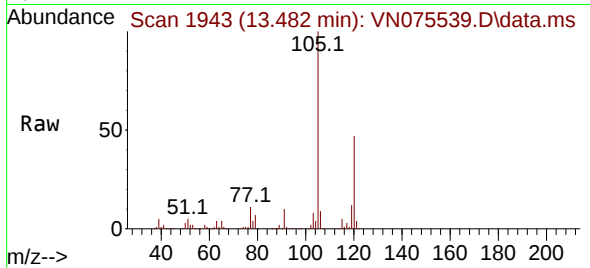
120 51.4 24.7 74.1





#84
1,2,4-Trimethylbenzene
Concen: 61.107 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

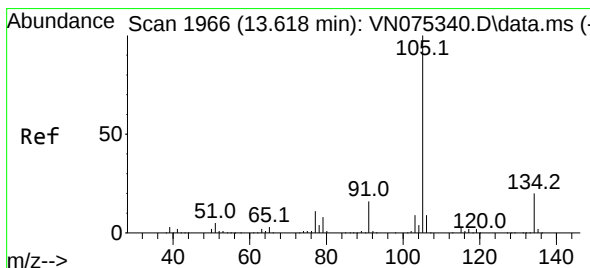
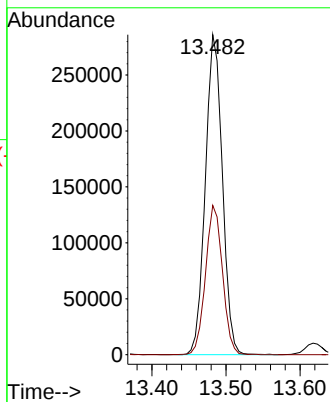
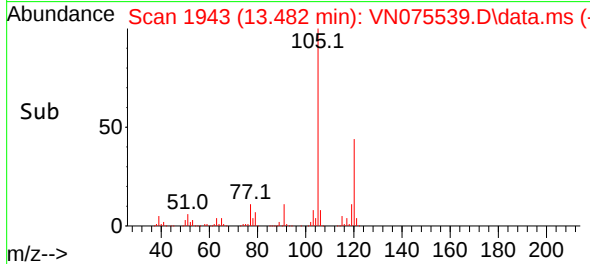
Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201



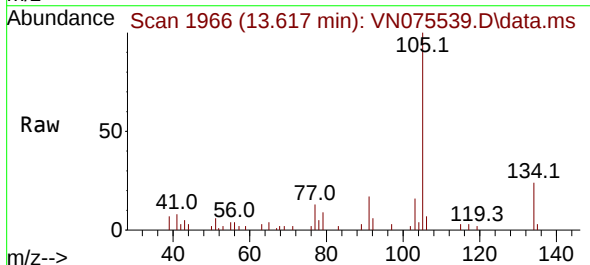
Tgt Ion:105 Resp: 45628
Ion Ratio Lower Upper
105 100
120 46.6 22.7 68.1

Manual Integrations
APPROVED

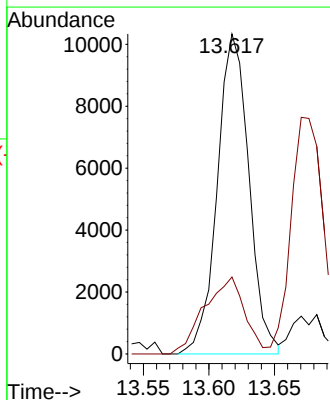
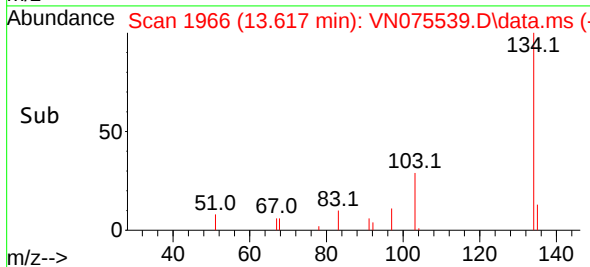
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

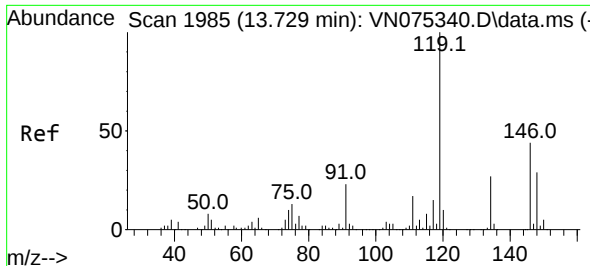


#85
sec-Butylbenzene
Concen: 1.884 ug/l
RT: 13.617 min Scan# 1966
Delta R.T. -0.001 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05



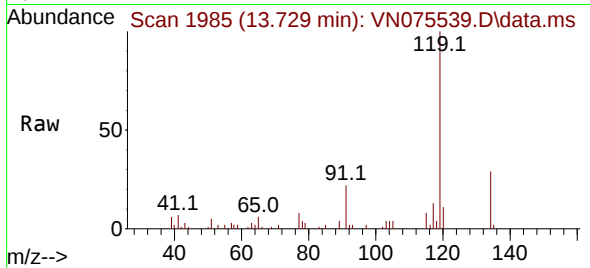
Tgt Ion:105 Resp: 17347
Ion Ratio Lower Upper
105 100
134 30.4 10.2 30.6





#86
p-Isopropyltoluene
Concen: 3.191 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

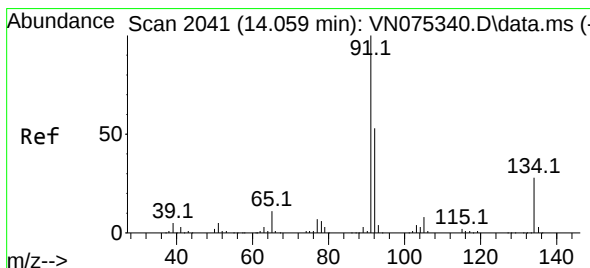
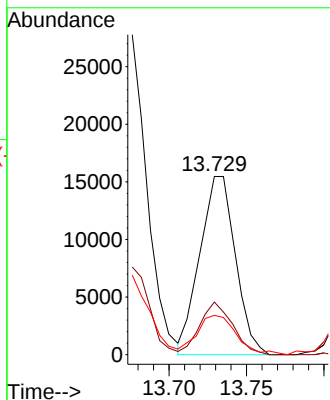
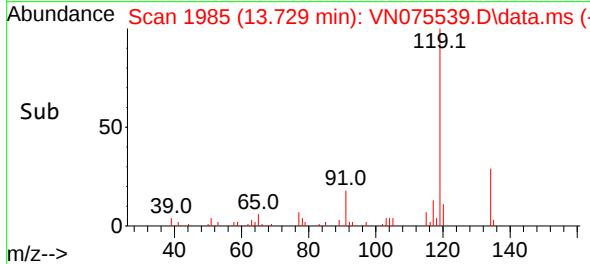
Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201



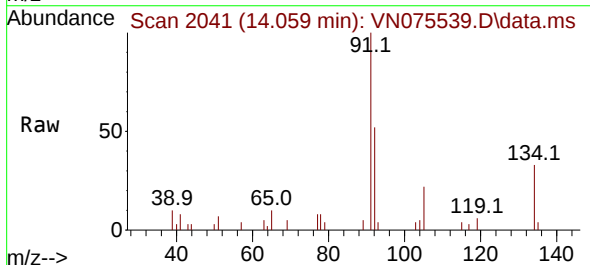
Tgt Ion: 119 Resp: 2472
Ion Ratio Lower Upper
119 100
134 27.1 13.1 39.3
91 24.4 11.9 35.5

Manual Integrations
APPROVED

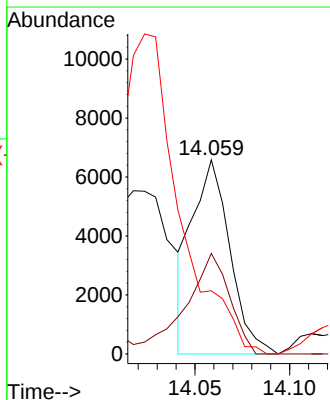
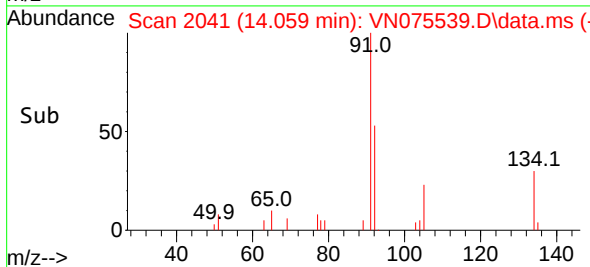
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

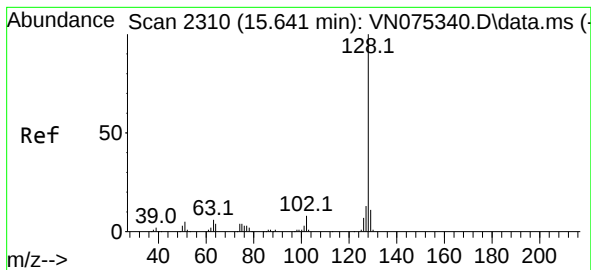


#89
n-Butylbenzene
Concen: 1.398 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05



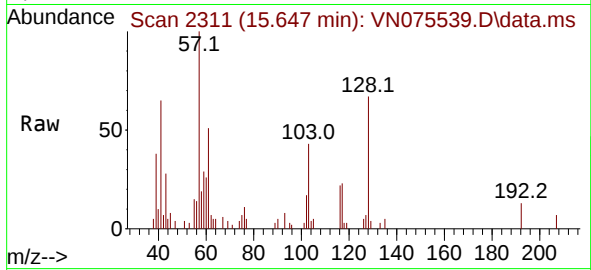
Tgt Ion: 91 Resp: 9150
Ion Ratio Lower Upper
91 100
92 60.6 26.5 79.4
134 0.0 13.0 39.0#





#95
Naphthalene
Concen: 1.219 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN075539.D
Acq: 02 Dec 2022 18:05

Instrument :
MSVOA_N
ClientSampleId :
WOOD-SILICA-1201



Tgt Ion:128 Resp: 803
Ion Ratio Lower Upper
128 100
127 10.5 10.4 15.6
129 11.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

