

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074298.D
 Acq On : 02 Sep 2022 20:35
 Operator : JC\MD
 Sample : N4376-02DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 03 04:41:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	255010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	460599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	452203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	202873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	179126	45.061	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.120%		
35) Dibromofluoromethane	7.957	113	156331	51.220	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.440%		
50) Toluene-d8	10.380	98	546293	45.391	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.780%		
62) 4-Bromofluorobenzene	12.668	95	202233	46.153	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.300%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.281	59	65341	90.602	ug/l	98
19) Methyl tert-butyl Ether	5.545	73	22254m	2.237	ug/l	
22) Diisopropyl ether	6.428	45	4347	0.459	ug/l #	73
40) Benzene	8.392	78	218168	15.965	ug/l	100
67) Ethyl Benzene	11.780	91	4909	0.269	ug/l #	67
73) Isopropylbenzene	12.521	105	7961	0.448	ug/l	92
78) n-propylbenzene	12.863	91	9029	0.445	ug/l	98

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

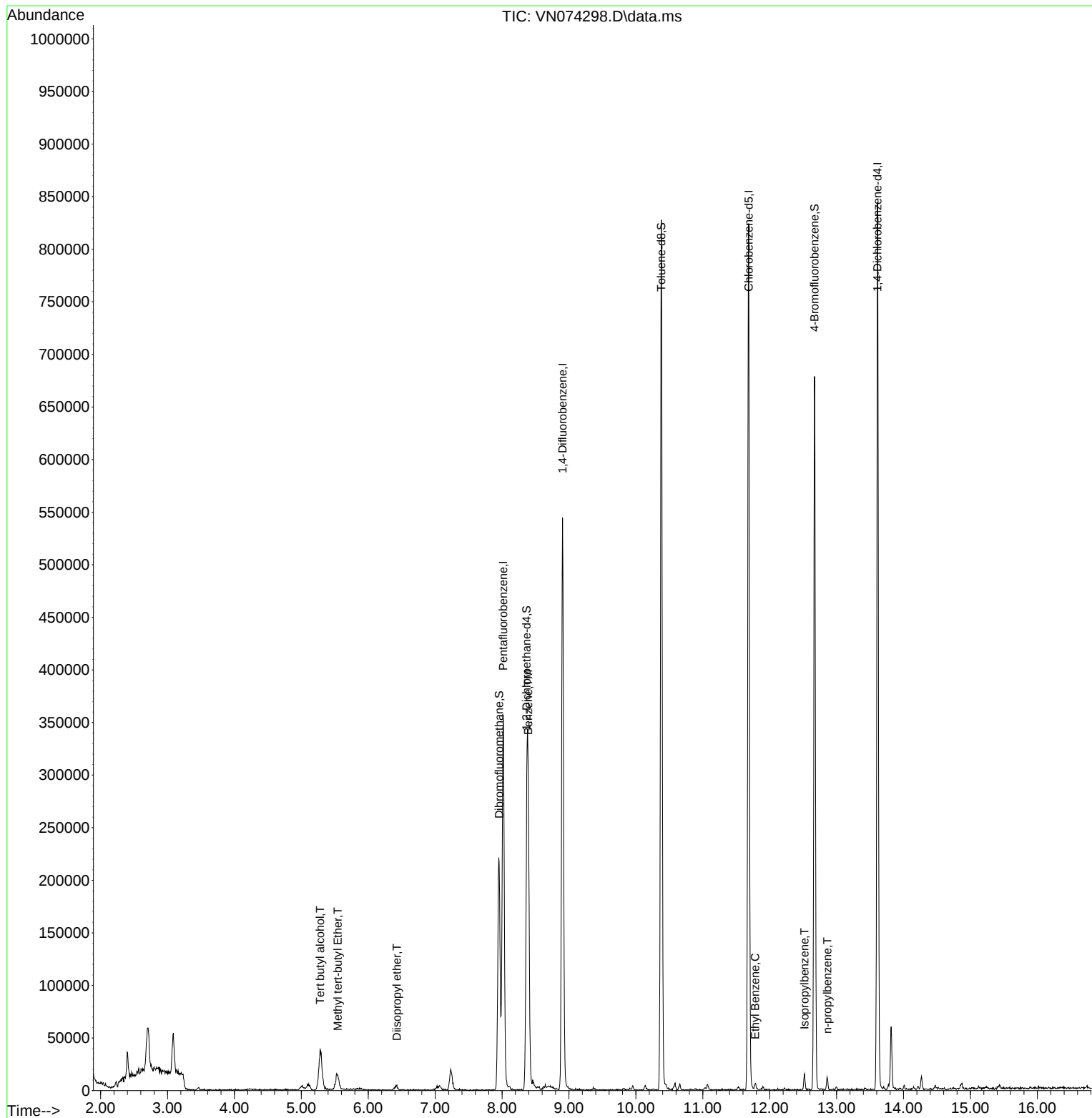
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
Data File : VN074298.D
Acq On : 02 Sep 2022 20:35
Operator : JC\MD
Sample : N4376-02DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

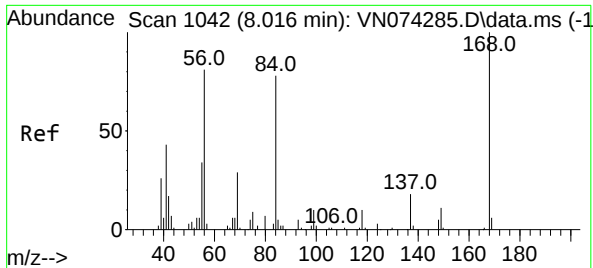
Instrument :
MSVOA_N
ClientSampleId :
MW-28DL

Quant Time: Sep 03 04:41:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 03 04:35:33 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

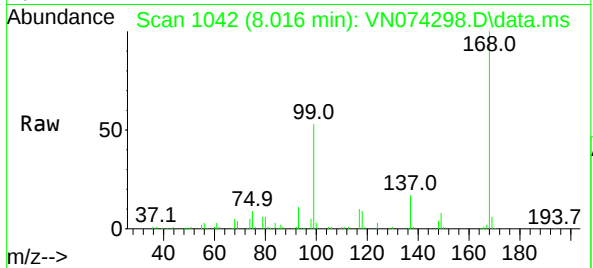
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074298.D
Acq: 02 Sep 2022 20:35

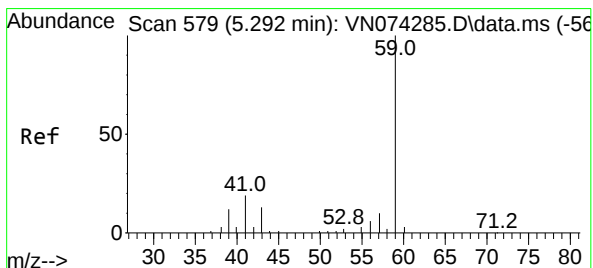
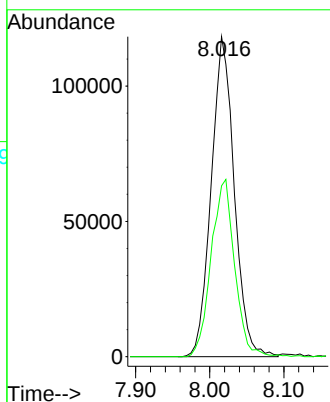
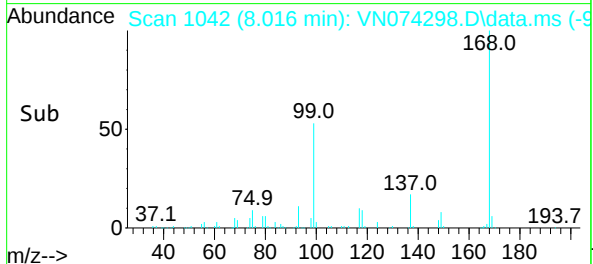
Instrument :
MSVOA_N
ClientSampleId :
MW-28DL



Tgt Ion:168 Resp: 255010
Ion Ratio Lower Upper
168 100
99 53.4 42.3 63.5

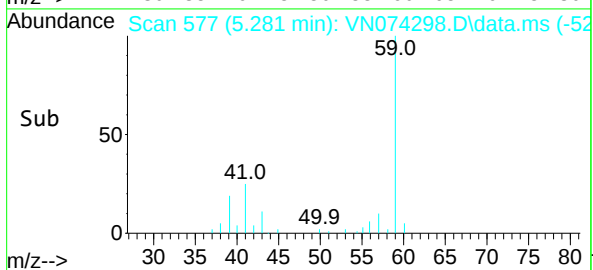
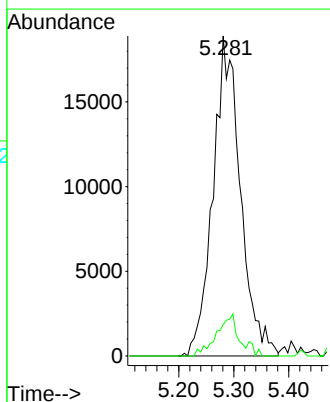
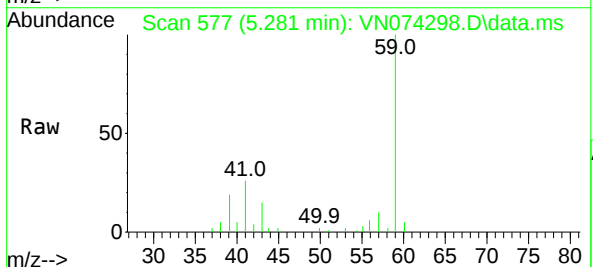
Manual Integrations
APPROVED

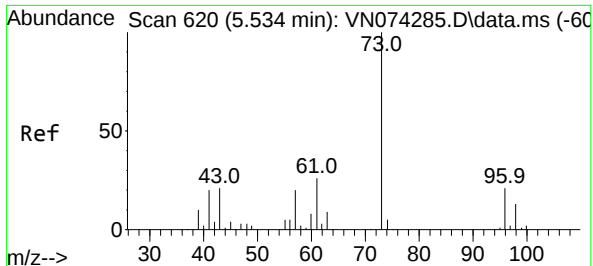
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#11
Tert butyl alcohol
Concen: 90.602 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.006 min
Lab File: VN074298.D
Acq: 02 Sep 2022 20:35

Tgt Ion: 59 Resp: 65341
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5





#19

Methyl tert-butyl Ether

Concen: 2.237 ug/l m

RT: 5.545 min Scan# 61

Delta R.T. 0.011 min

Lab File: VN074298.D

Acq: 02 Sep 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

MW-28DL

Tgt Ion: 73 Resp: 22254

Ion Ratio Lower Upper

73 100

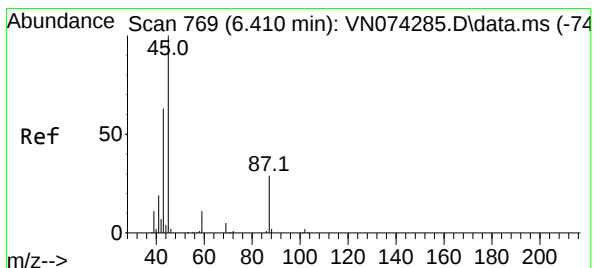
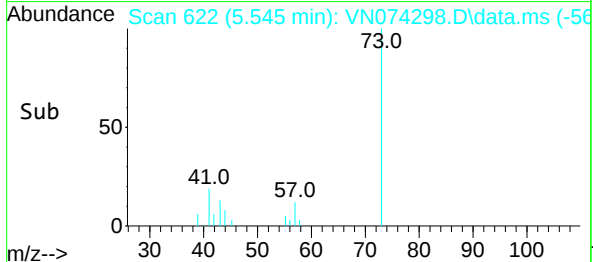
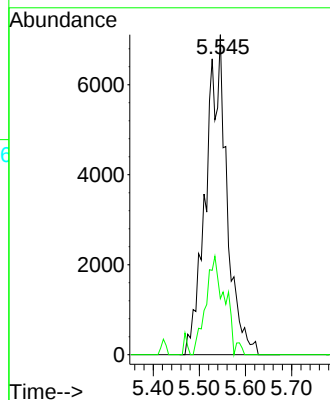
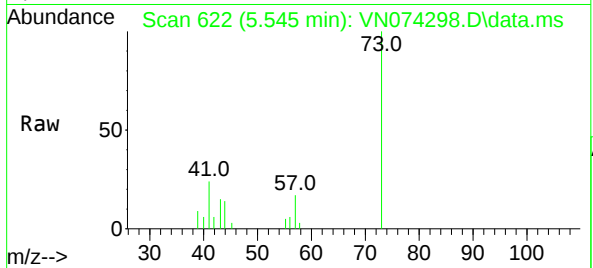
57 17.5 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#22

Diisopropyl ether

Concen: 0.459 ug/l

RT: 6.428 min Scan# 772

Delta R.T. 0.012 min

Lab File: VN074298.D

Acq: 02 Sep 2022 20:35

Tgt Ion: 45 Resp: 4347

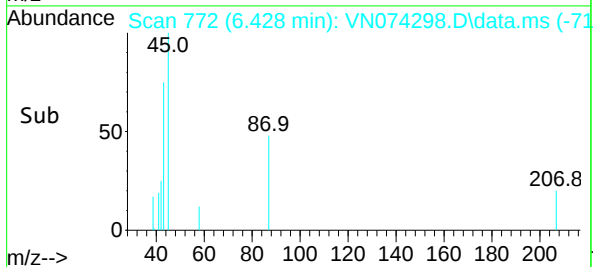
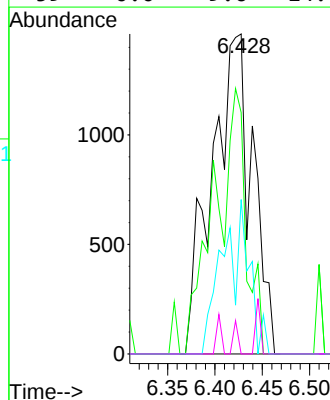
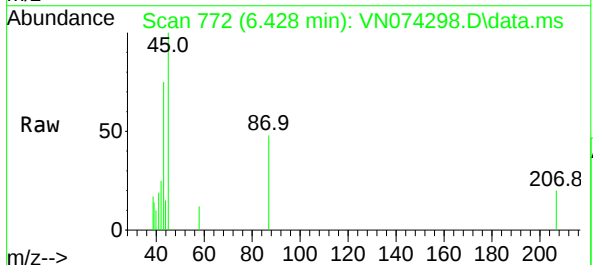
Ion Ratio Lower Upper

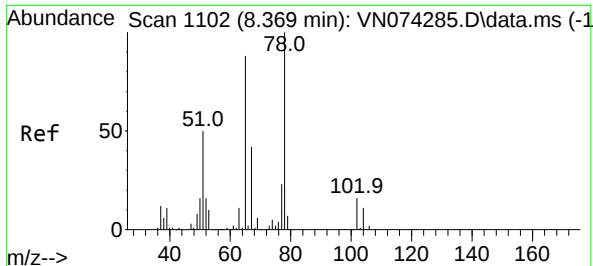
45 100

43 75.4 46.6 70.0#

87 48.3 24.3 36.5#

59 0.0 9.6 14.4#





#33

1,2-Dichloroethane-d4

Concen: 45.061 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074298.D

Acq: 02 Sep 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

MW-28DL

Tgt Ion: 65 Resp: 179120

Ion Ratio Lower Upper

65 100

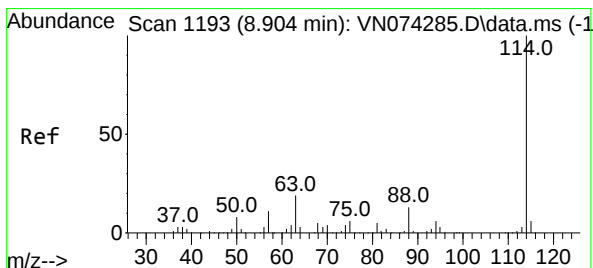
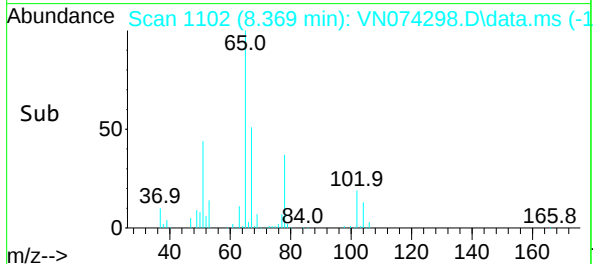
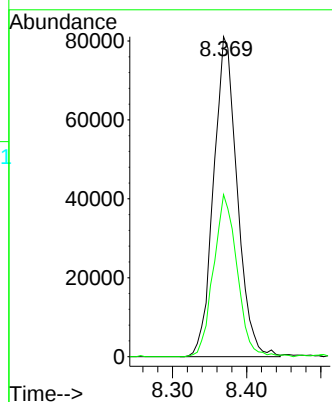
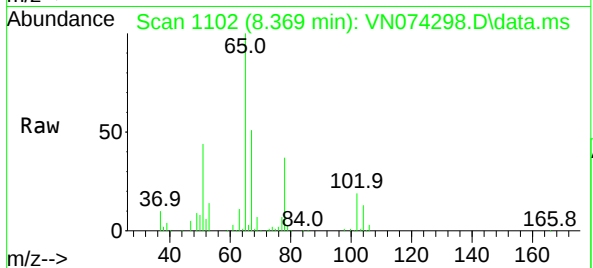
67 50.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074298.D

Acq: 02 Sep 2022 20:35

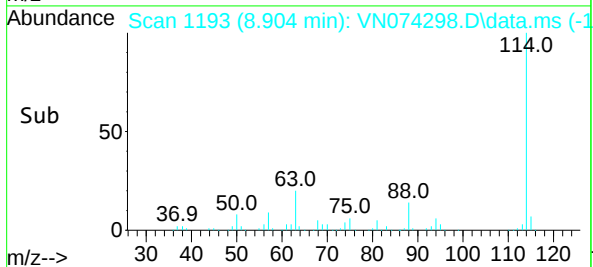
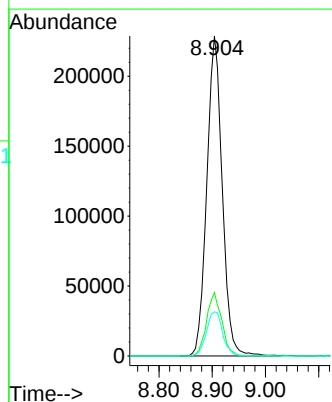
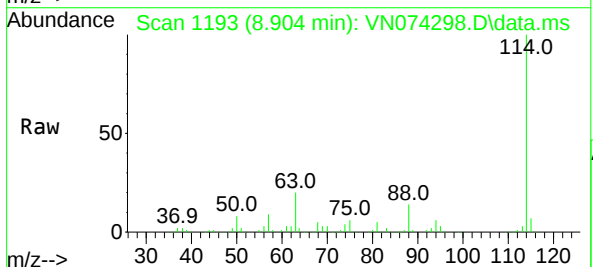
Tgt Ion:114 Resp: 460599

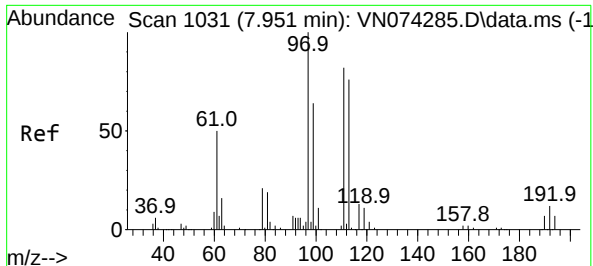
Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

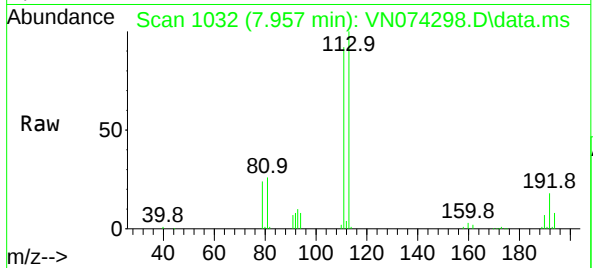
88 13.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.220 ug/l
RT: 7.957 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074298.D
Acq: 02 Sep 2022 20:35

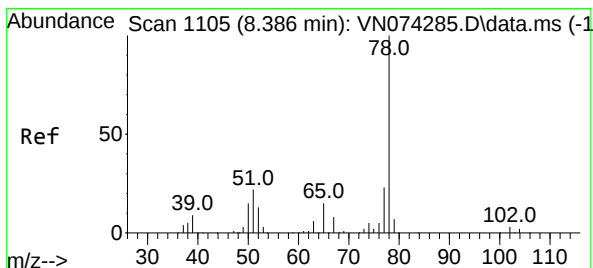
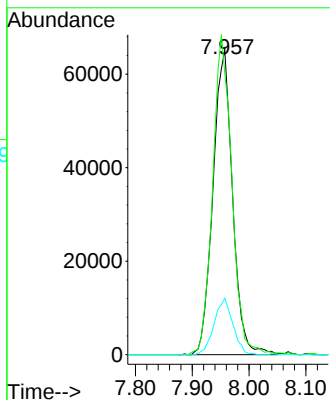
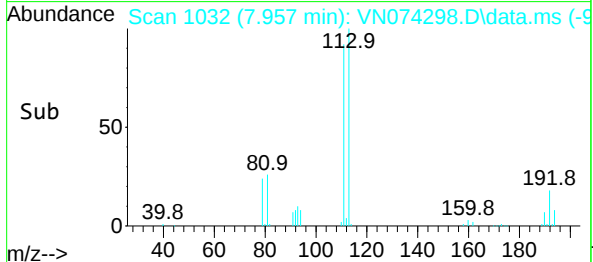
Instrument :
MSVOA_N
ClientSampleId :
MW-28DL



Tgt Ion:113 Resp: 15633
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.0
192 17.7 17.0 25.6

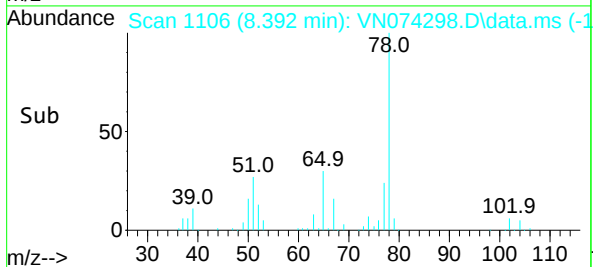
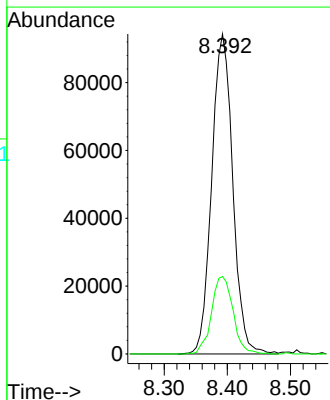
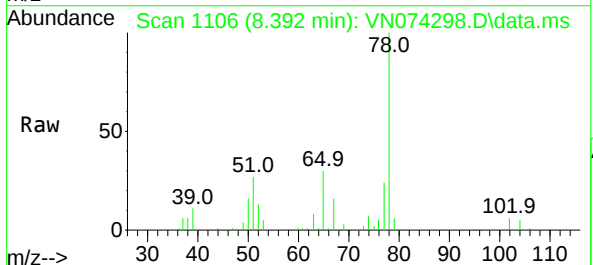
Manual Integrations
APPROVED

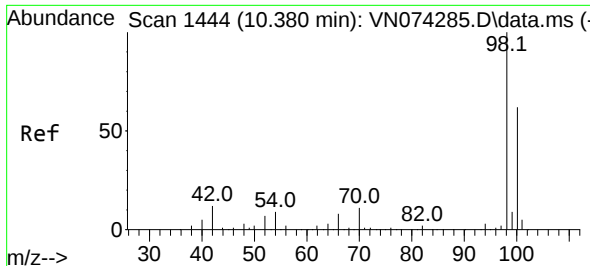
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#40
Benzene
Concen: 15.965 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074298.D
Acq: 02 Sep 2022 20:35

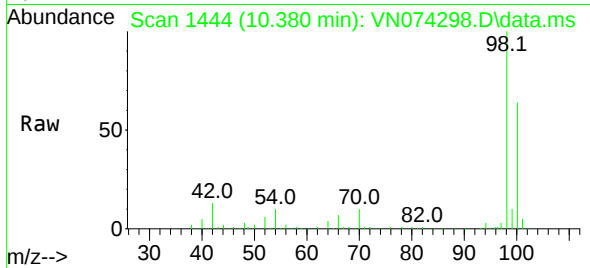
Tgt Ion: 78 Resp: 218168
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0





#50
Toluene-d8
Concen: 45.391 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074298.D
Acq: 02 Sep 2022 20:35

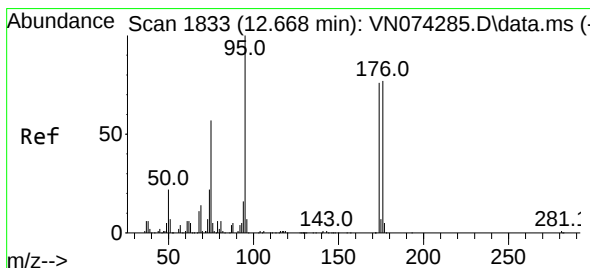
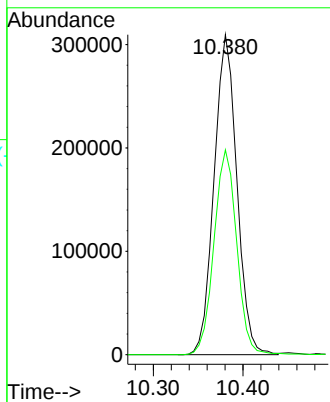
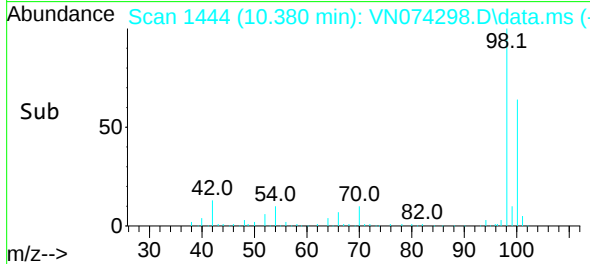
Instrument :
MSVOA_N
ClientSampleId :
MW-28DL



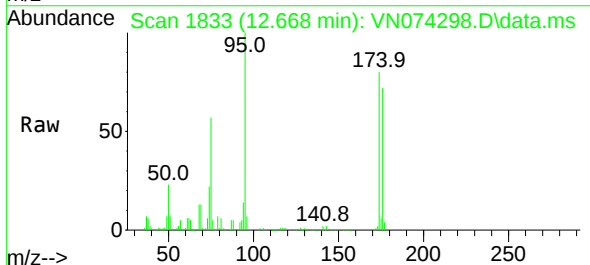
Tgt Ion: 98 Resp: 546293
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

Manual Integrations
APPROVED

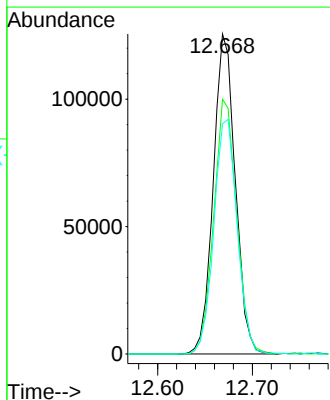
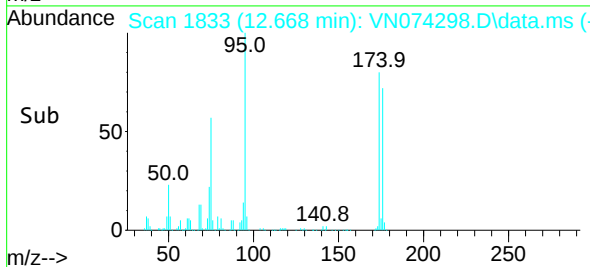
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

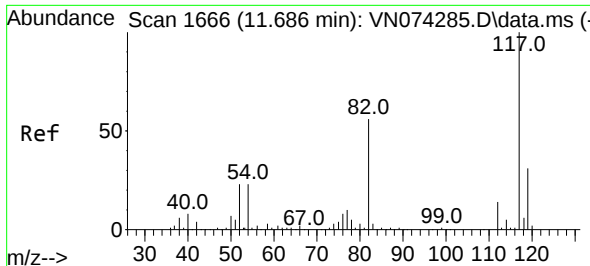


#62
4-Bromofluorobenzene
Concen: 46.153 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074298.D
Acq: 02 Sep 2022 20:35



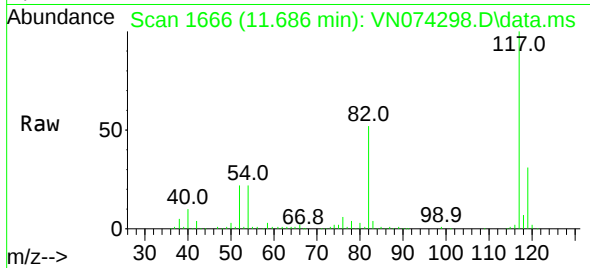
Tgt Ion: 95 Resp: 202233
Ion Ratio Lower Upper
95 100
174 83.1 0.0 167.6
176 77.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074298.D
Acq: 02 Sep 2022 20:35

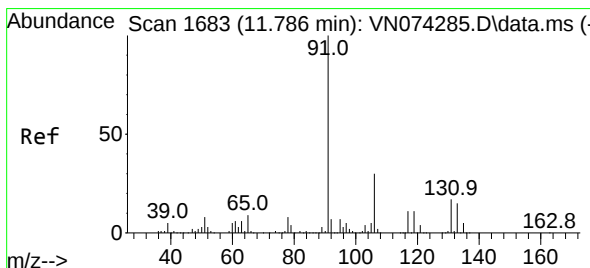
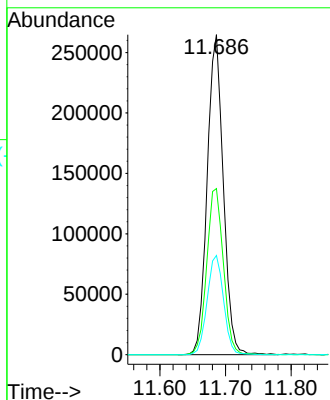
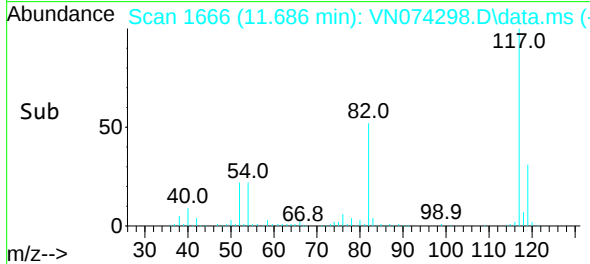
Instrument :
MSVOA_N
ClientSampleId :
MW-28DL



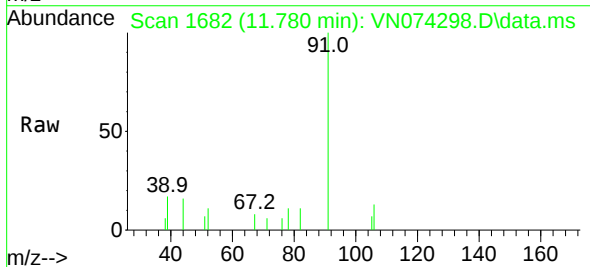
Tgt Ion: 117 Resp: 45220
Ion Ratio Lower Upper
117 100
82 51.9 44.2 66.2
119 31.0 25.4 38.0

Manual Integrations
APPROVED

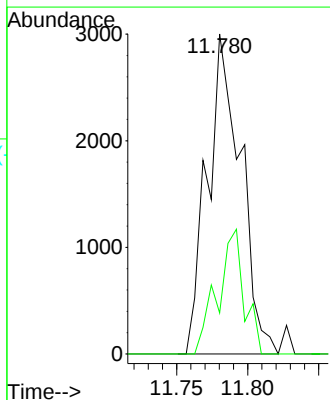
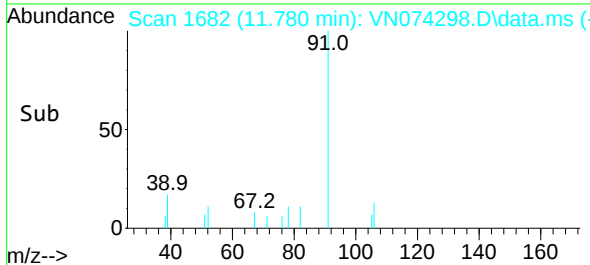
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

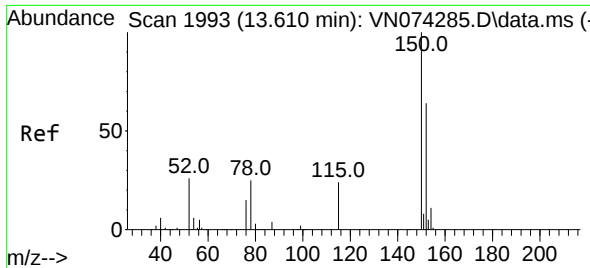


#67
Ethyl Benzene
Concen: 0.269 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN074298.D
Acq: 02 Sep 2022 20:35



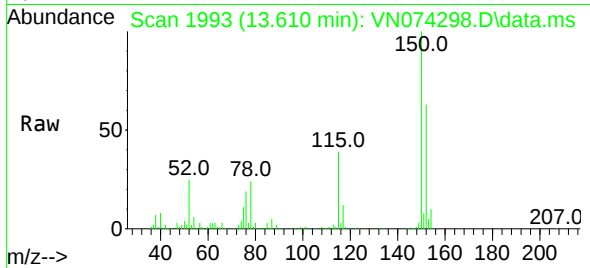
Tgt Ion: 91 Resp: 4909
Ion Ratio Lower Upper
91 100
106 12.8 24.9 37.3#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074298.D
Acq: 02 Sep 2022 20:35

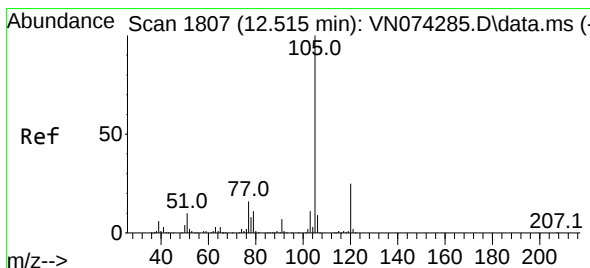
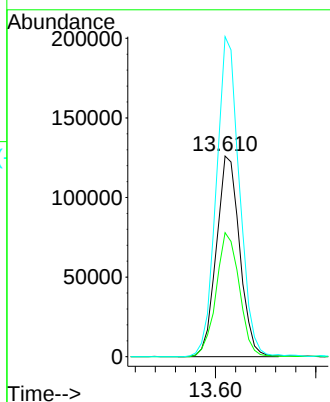
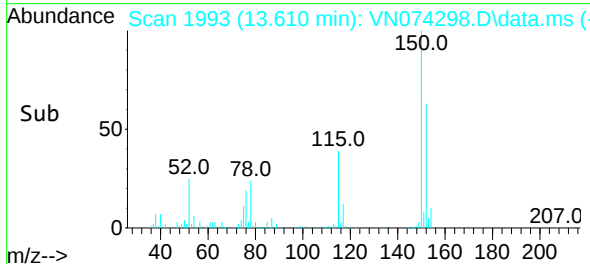
Instrument :
MSVOA_N
ClientSampleId :
MW-28DL



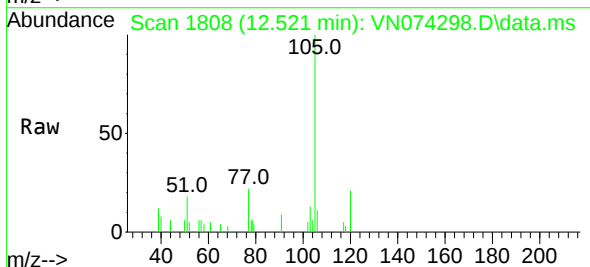
Tgt Ion:152 Resp: 20287
Ion Ratio Lower Upper
152 100
115 61.8 28.9 86.7
150 158.6 0.0 356.2

Manual Integrations
APPROVED

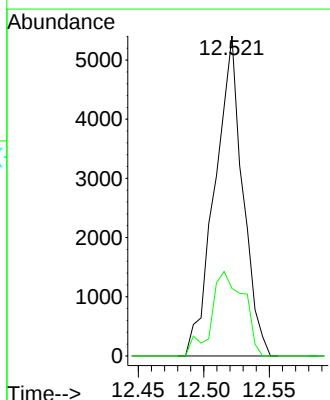
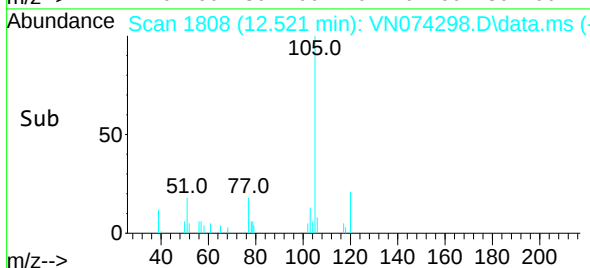
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

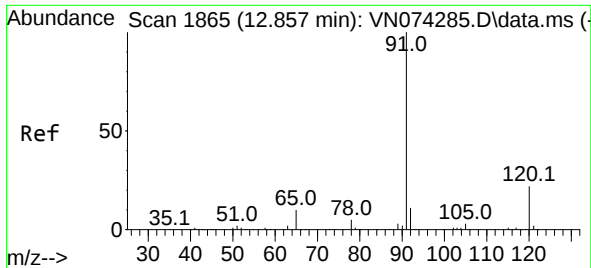


#73
Isopropylbenzene
Concen: 0.448 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.005 min
Lab File: VN074298.D
Acq: 02 Sep 2022 20:35



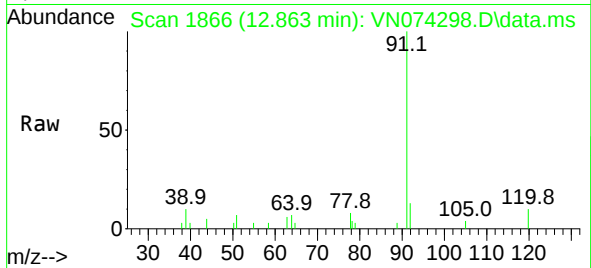
Tgt Ion:105 Resp: 7961
Ion Ratio Lower Upper
105 100
120 30.8 13.5 40.4





#78
n-propylbenzene
Concen: 0.445 ug/l
RT: 12.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074298.D
Acq: 02 Sep 2022 20:35

Instrument :
MSVOA_N
ClientSampleId :
MW-28DL



Tgt Ion: 91 Resp: 9029
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

