

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031522\
 Data File : VX027451.D
 Acq On : 15 Mar 2022 16:45
 Operator : JC/MD
 Sample : N1947-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1074

Quant Time: Mar 16 04:19:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

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

Internal Standards						
1) Pentafluorobenzene	5.574	168	346766	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	6.781	114	576105	50.000	ug/l	0.02
63) Chlorobenzene-d5	10.061	117	580562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	288043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.983	65	212526	52.556	ug/l	0.02
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.120%			
35) Dibromofluoromethane	5.416	113	174139	46.845	ug/l	0.02
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.680%			
50) Toluene-d8	8.671	98	722651	51.492	ug/l	0.02
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.980%			
62) 4-Bromofluorobenzene	11.085	95	280439	52.430	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.860%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.001	59	3422840m	4317.673	ug/l	
16) Acetone	2.367	43	114665629m	74016.928	ug/l	
19) Methyl tert-butyl Ether	3.129	73	22111m	1.985	ug/l	
25) 2-Butanone	4.593	43	10306542	3700.118	ug/l	97
37) Ethyl Acetate	4.739	43	121485m	22.330	ug/l	
43) Isopropyl Acetate	6.361	43	76686	9.351	ug/l	94
48) Methyl methacrylate	7.708	41	34606	8.485	ug/l	90
51) 4-Methyl-2-Pentanone	8.622	43	24146238	4397.609	ug/l #	86
52) Toluene	8.744	92	31082563m	3101.626	ug/l	
66) 1,1,1,2-Tetrachloroethane	10.159	131	4925m	1.153	ug/l	
67) Ethyl Benzene	10.201	91	6994784	332.076	ug/l #	87
68) m/p-Xylenes	10.311	106	10013698	1211.997	ug/l #	70
69) o-Xylene	10.646	106	4267675	523.178	ug/l	86
70) Styrene	10.659	104	1263598m	93.322	ug/l	
73) Isopropylbenzene	10.963	105	79276	3.763	ug/l	98
78) n-propylbenzene	11.305	91	95735	4.040	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	134248	7.433	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	590577	32.970	ug/l	99

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

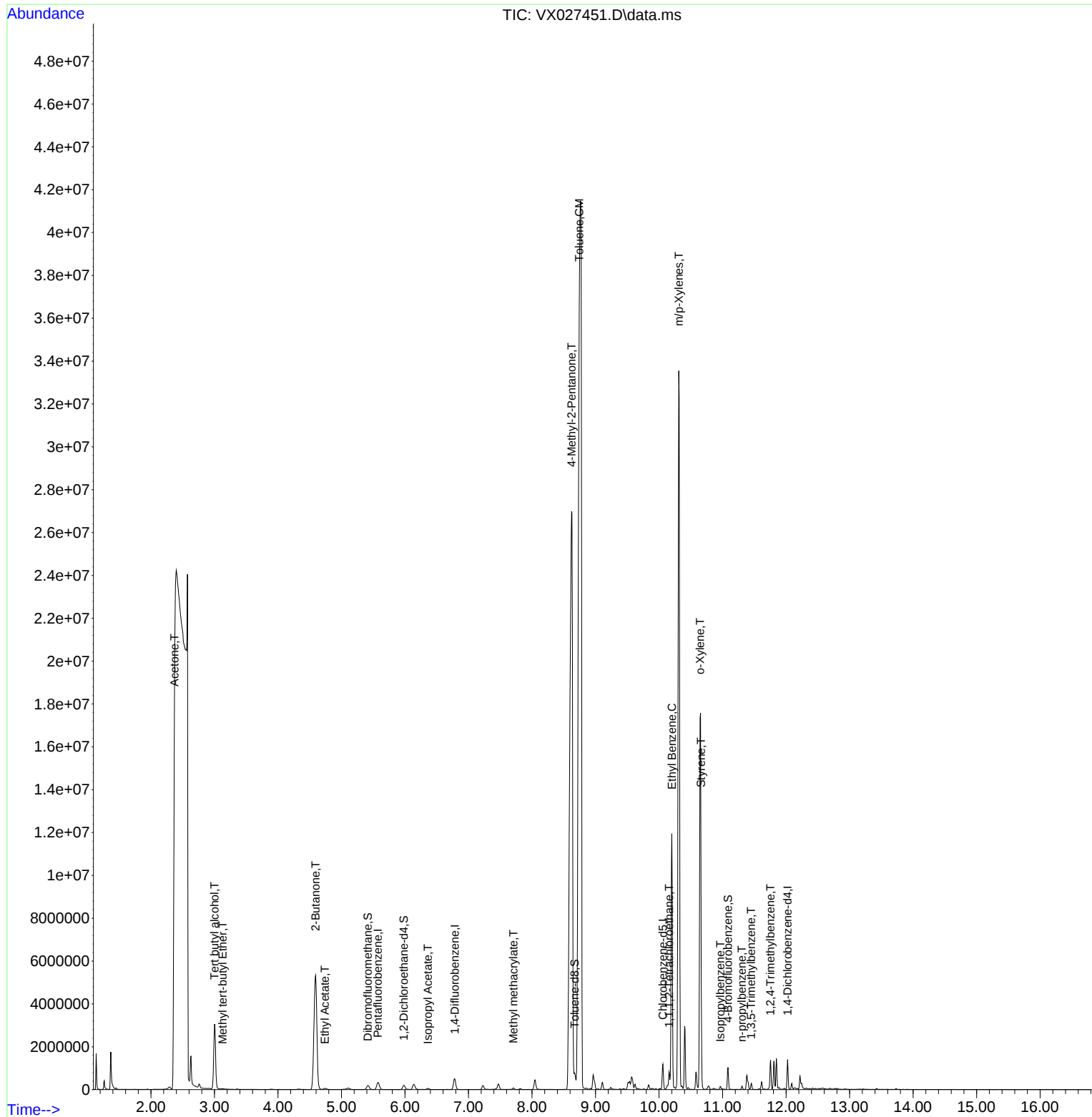
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031522\
Data File : VX027451.D
Acq On : 15 Mar 2022 16:45
Operator : JC/MD
Sample : N1947-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

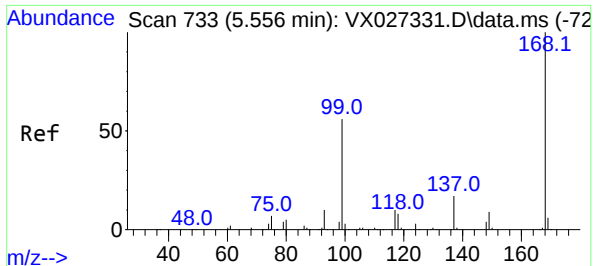
Instrument :
MSVOA_X
ClientSampleId :
NWB-1074

Quant Time: Mar 16 04:19:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

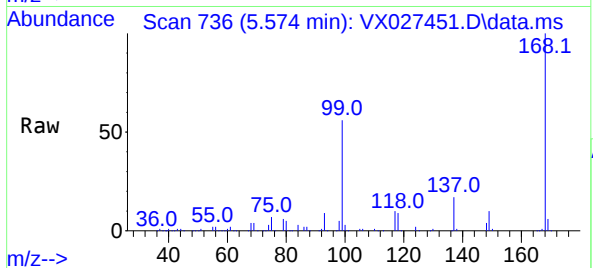
Reviewed By : John Carlone 03/16/2022
Supervised By : Mahesh Dadoda 03/16/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.574 min Scan# 71
Delta R.T. 0.018 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

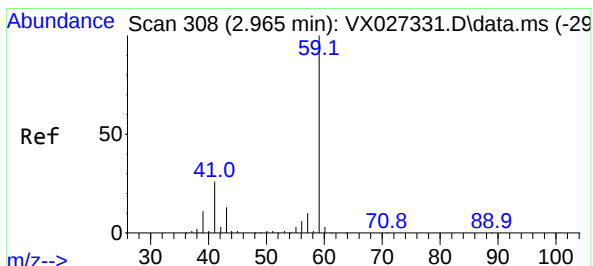
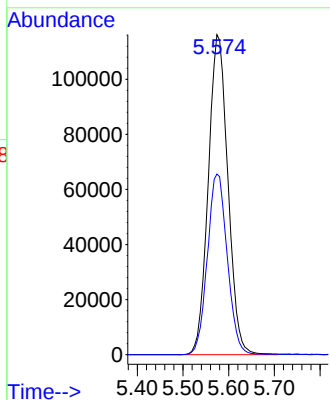
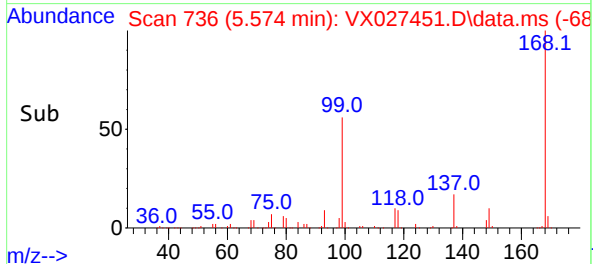
Instrument :
MSVOA_X
ClientSampleId :
NWB-1074



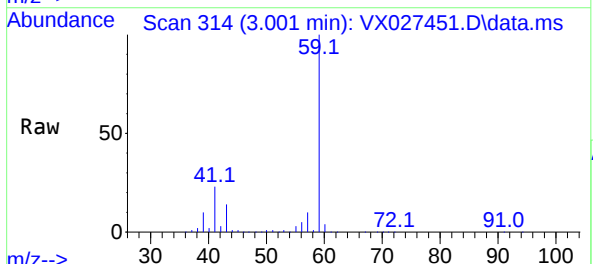
Tgt Ion:168 Resp: 346760
Ion Ratio Lower Upper
168 100
99 56.5 41.7 62.5

Manual Integrations
APPROVED

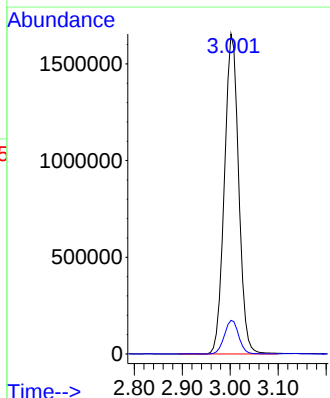
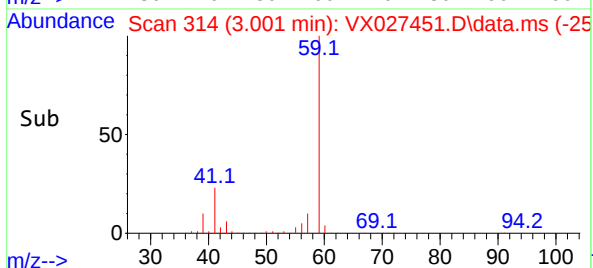
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

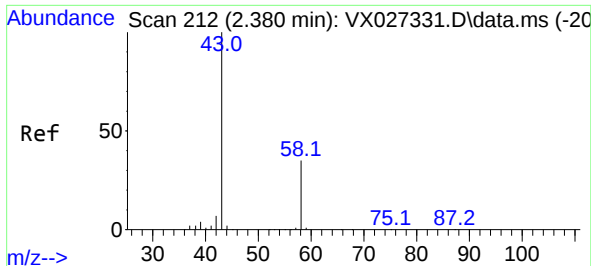


#11
Tert butyl alcohol
Concen: 4317.673 ug/l m
RT: 3.001 min Scan# 314
Delta R.T. 0.036 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45



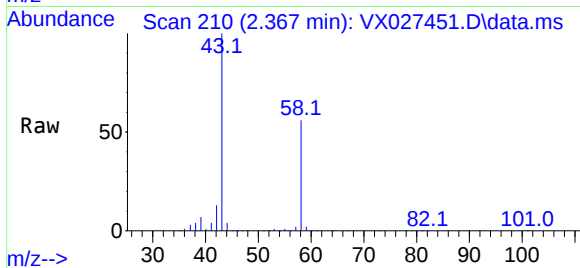
Tgt Ion: 59 Resp: 3422840
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 74016.928 ug/l m
RT: 2.367 min Scan# 212
Delta R.T. -0.013 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

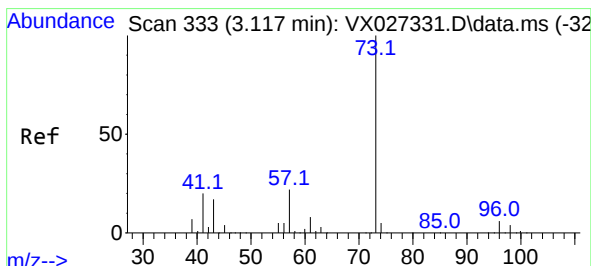
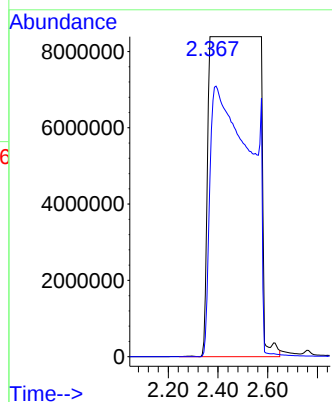
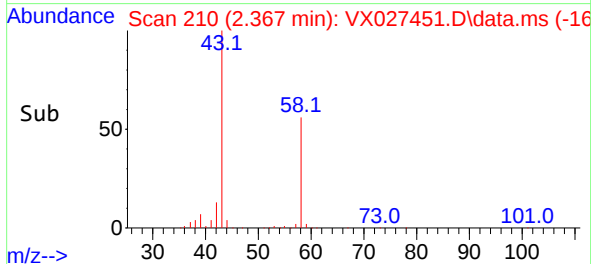
Instrument :
MSVOA_X
ClientSampleId :
NWB-1074



Tgt Ion: 43 Resp:11466562
Ion Ratio Lower Upper
43 100
58 55.9 28.8 43.2

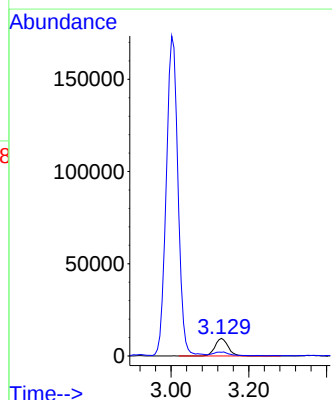
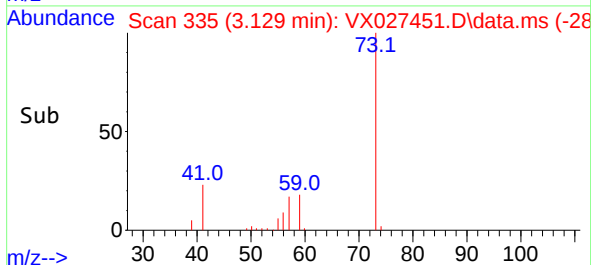
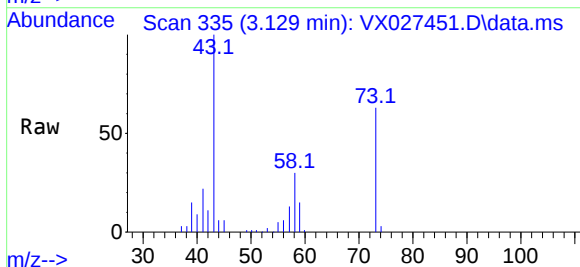
Manual Integrations
APPROVED

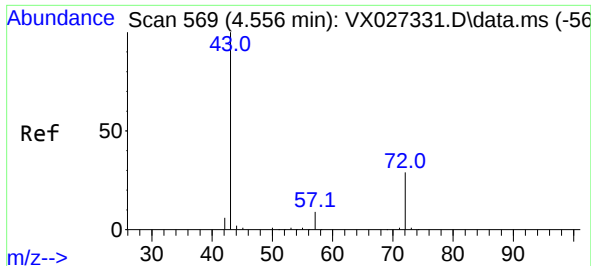
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#19
Methyl tert-butyl Ether
Concen: 1.985 ug/l m
RT: 3.129 min Scan# 335
Delta R.T. 0.012 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

Tgt Ion: 73 Resp: 22111
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2





#25

2-Butanone

Concen: 3700.118 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX027451.D

Acq: 15 Mar 2022 16:45

Instrument :

MSVOA_X

ClientSampleId :

NWB-1074

Tgt Ion: 43 Resp:1030654

Ion Ratio Lower Upper

43 100

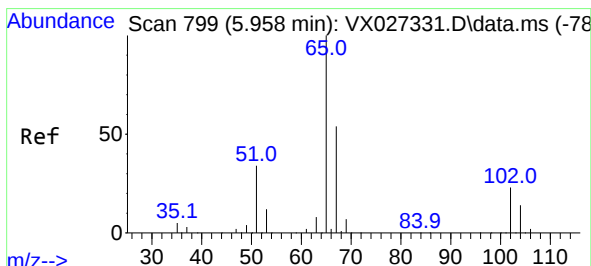
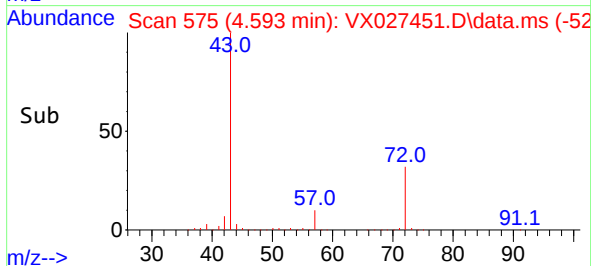
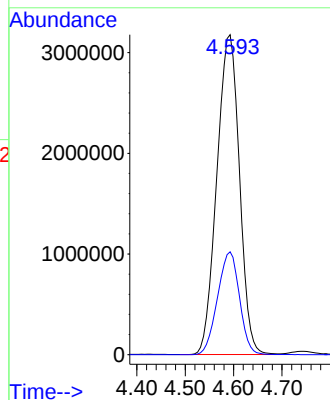
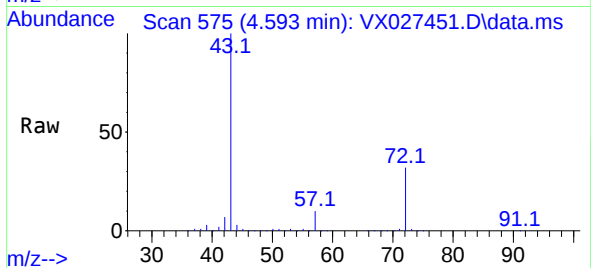
72 32.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/16/2022

Supervised By :Mahesh Dadoda 03/16/2022



#33

1,2-Dichloroethane-d4

Concen: 52.556 ug/l

RT: 5.983 min Scan# 803

Delta R.T. 0.025 min

Lab File: VX027451.D

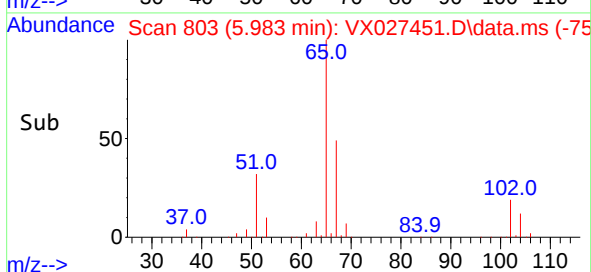
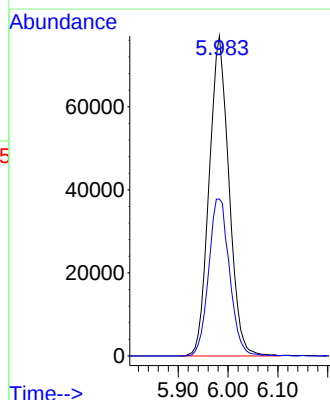
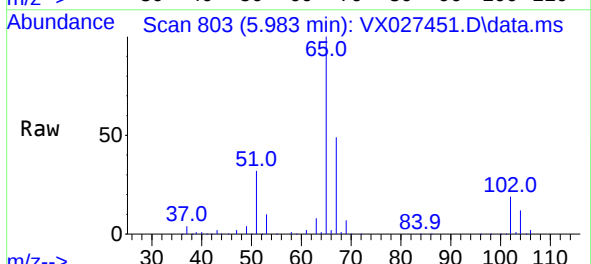
Acq: 15 Mar 2022 16:45

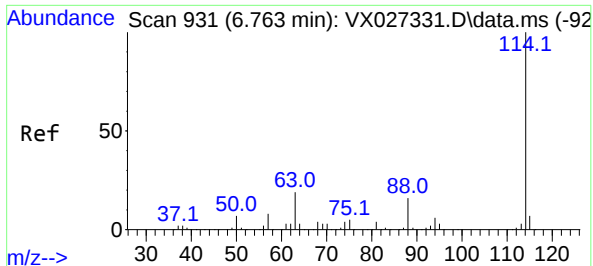
Tgt Ion: 65 Resp: 212526

Ion Ratio Lower Upper

65 100

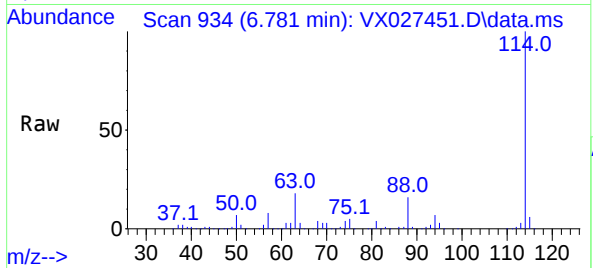
67 51.7 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.781 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

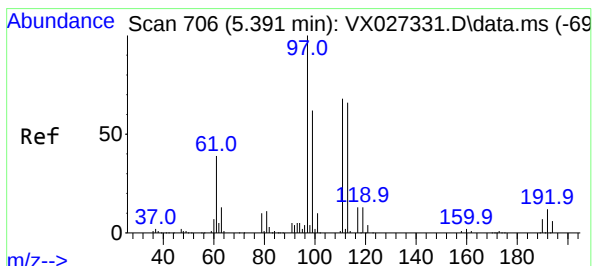
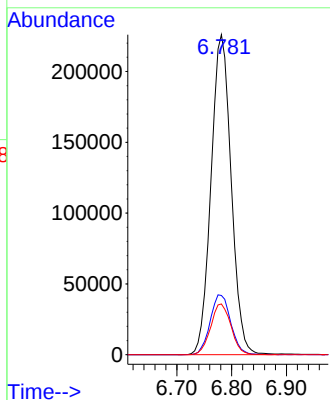
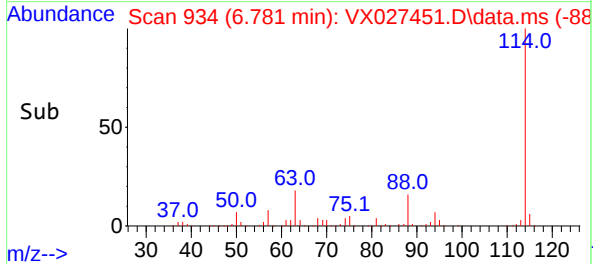
Instrument :
MSVOA_X
ClientSampleId :
NWB-1074



Tgt Ion:114 Resp: 57610
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.8
88 15.8 0.0 32.4

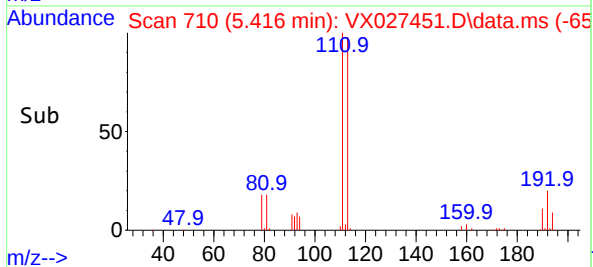
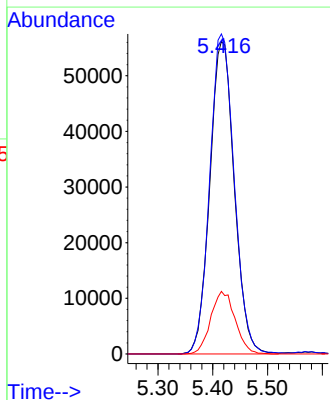
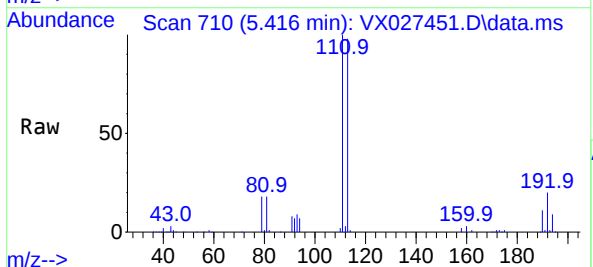
Manual Integrations
APPROVED

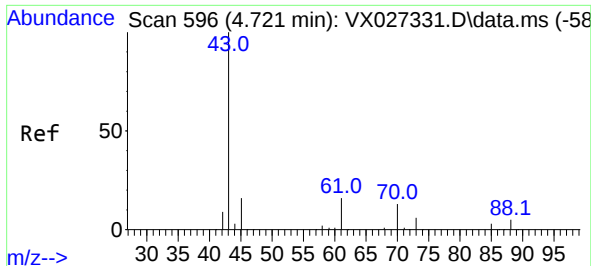
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#35
Dibromofluoromethane
Concen: 46.845 ug/l
RT: 5.416 min Scan# 710
Delta R.T. 0.025 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

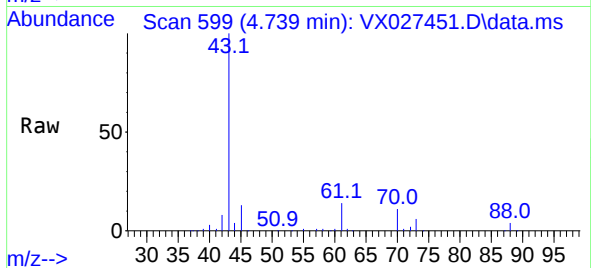
Tgt Ion:113 Resp: 174139
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.9 16.9 25.3





#37
Ethyl Acetate
Concen: 22.330 ug/l m
RT: 4.739 min Scan# 596
Delta R.T. 0.018 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

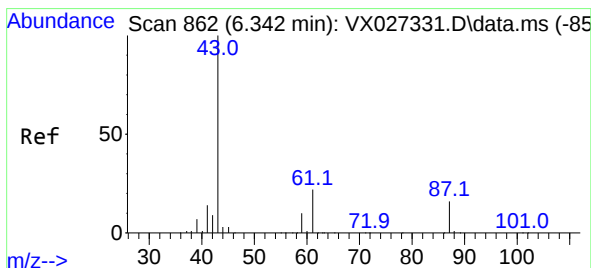
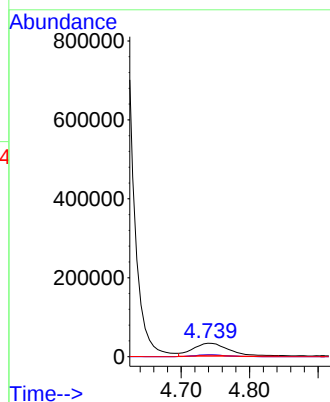
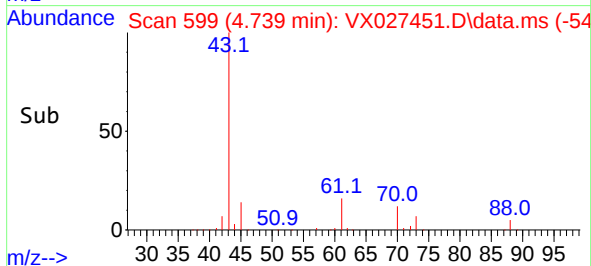
Instrument :
MSVOA_X
ClientSampleId :
NWB-1074



Tgt Ion: 43 Resp: 121485
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0
70 0.0 10.2 15.2

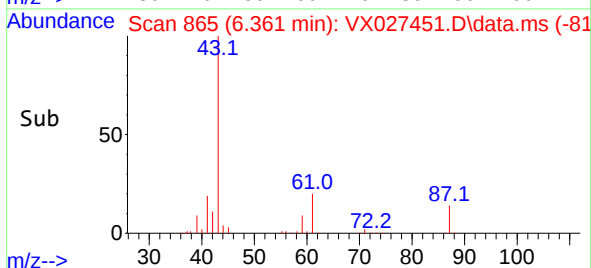
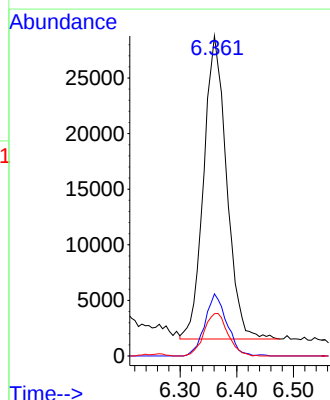
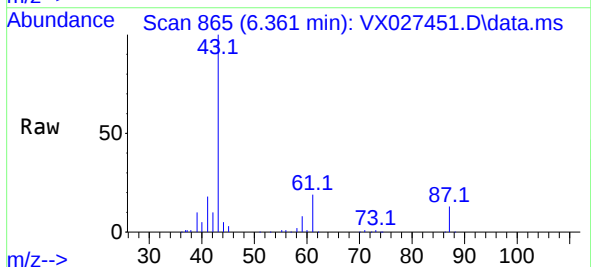
Manual Integrations
APPROVED

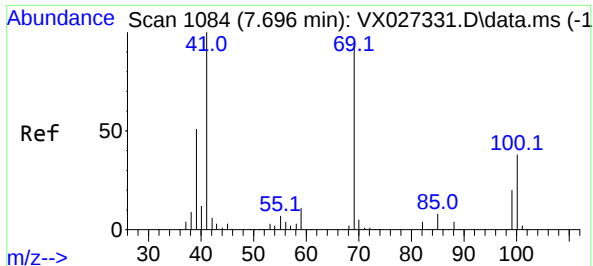
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#43
Isopropyl Acetate
Concen: 9.351 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.019 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

Tgt Ion: 43 Resp: 76686
Ion Ratio Lower Upper
43 100
61 19.5 18.5 27.7
87 14.6 13.0 19.6





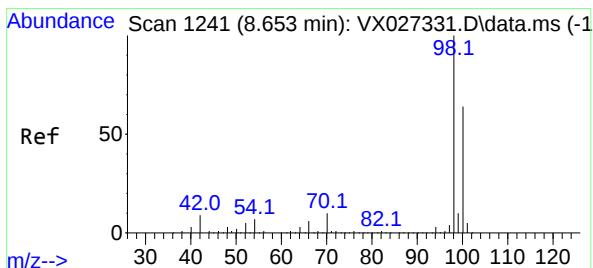
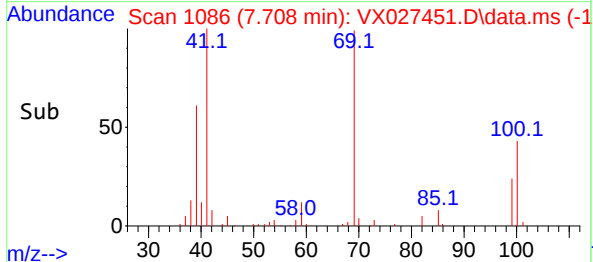
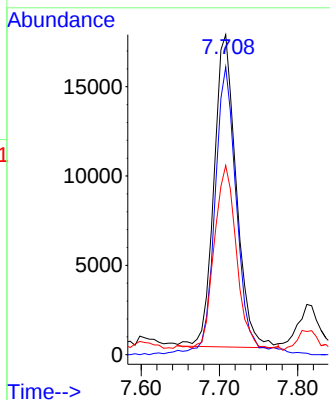
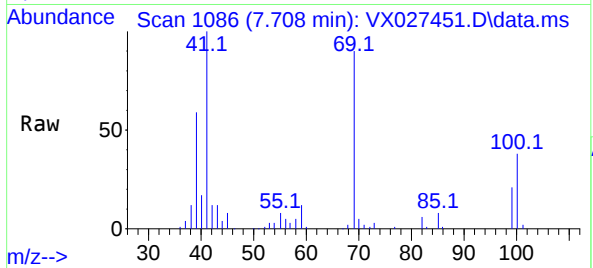
#48
Methyl methacrylate
Concen: 8.485 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

Instrument :
MSVOA_X
ClientSampleId :
NWB-1074

Tgt Ion: 41 Resp: 34600
Ion Ratio Lower Upper
41 100
69 91.8 82.5 123.7
39 59.9 43.8 65.8

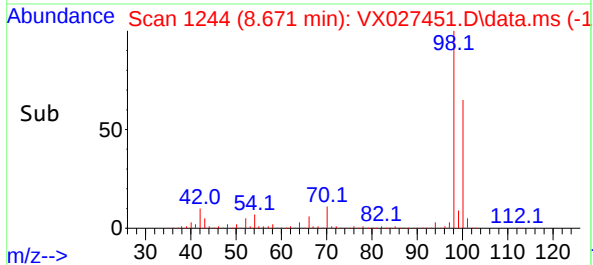
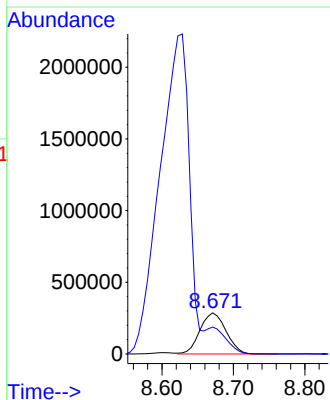
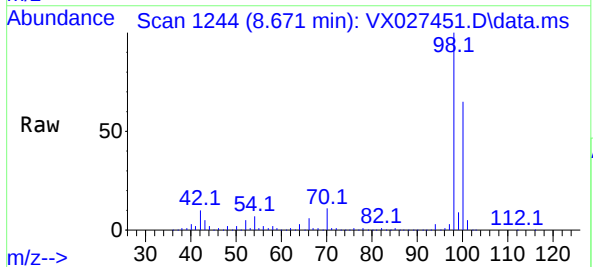
Manual Integrations
APPROVED

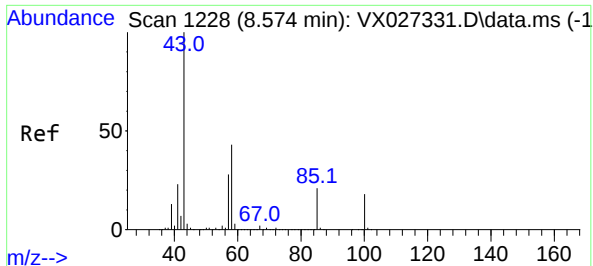
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#50
Toluene-d8
Concen: 51.492 ug/l
RT: 8.671 min Scan# 1244
Delta R.T. 0.018 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

Tgt Ion: 98 Resp: 722651
Ion Ratio Lower Upper
98 100
100 0.0 52.6 78.8#





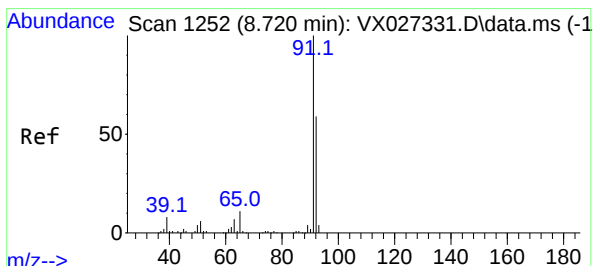
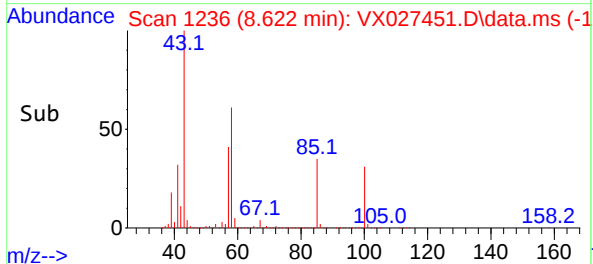
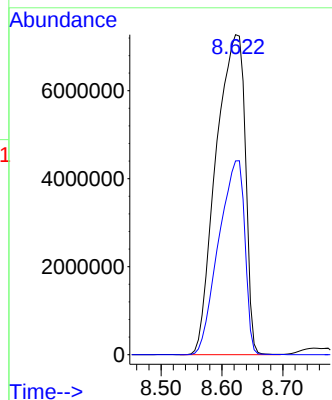
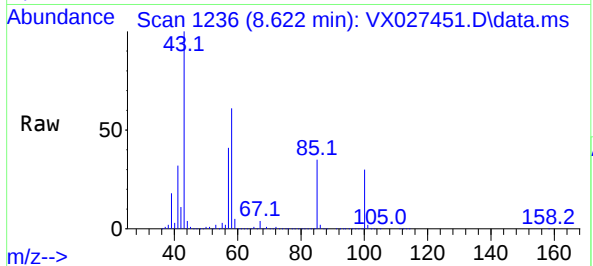
#51
4-Methyl-2-Pentanone
Concen: 4397.609 ug/l
RT: 8.622 min Scan# 1236
Delta R.T. 0.048 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

Instrument :
MSVOA_X
ClientSampleId :
NWB-1074

Tgt Ion: 43 Resp:24146238
Ion Ratio Lower Upper
43 100
58 54.2 36.1 54.1

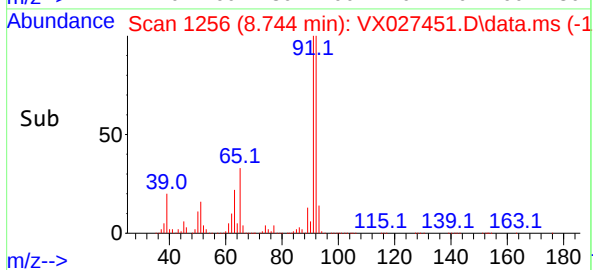
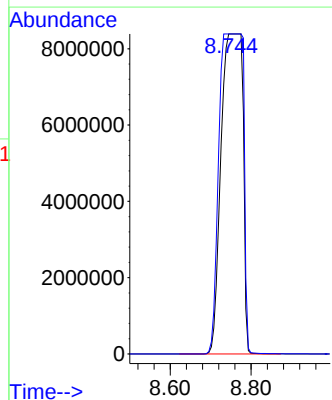
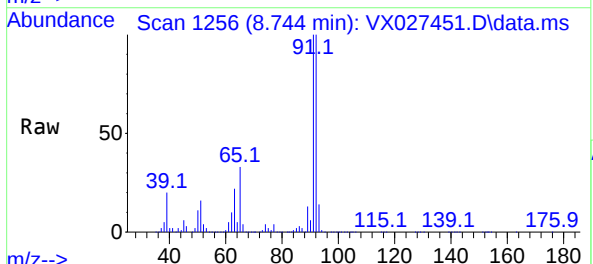
Manual Integrations
APPROVED

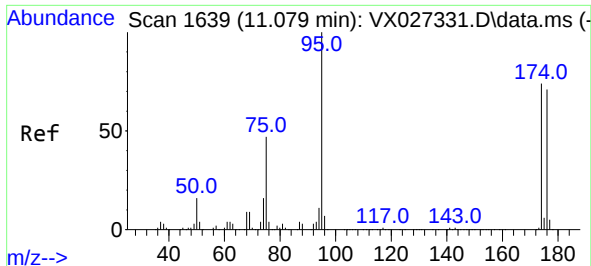
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#52
Toluene
Concen: 3101.626 ug/l m
RT: 8.744 min Scan# 1256
Delta R.T. 0.024 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

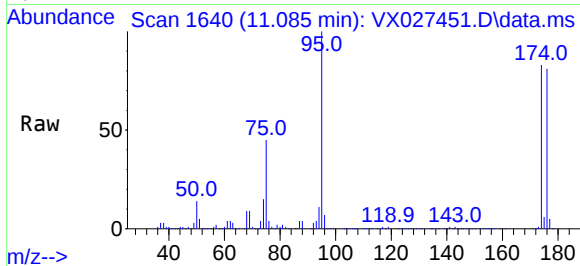
Tgt Ion: 92 Resp:31082563
Ion Ratio Lower Upper
92 100
91 0.0 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 52.430 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

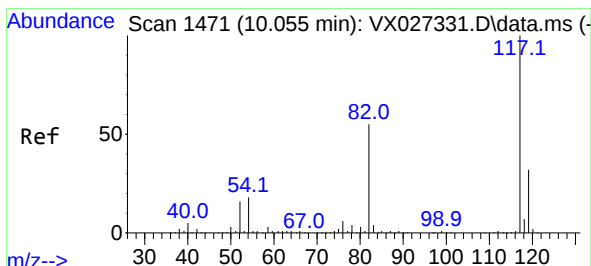
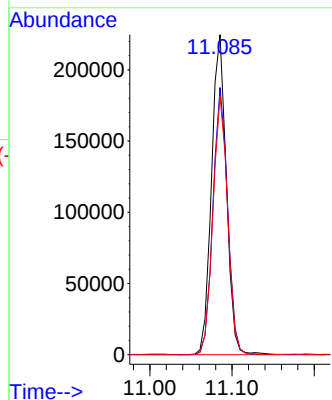
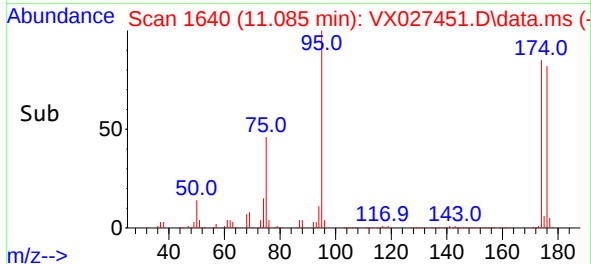
Instrument :
MSVOA_X
ClientSampleId :
NWB-1074



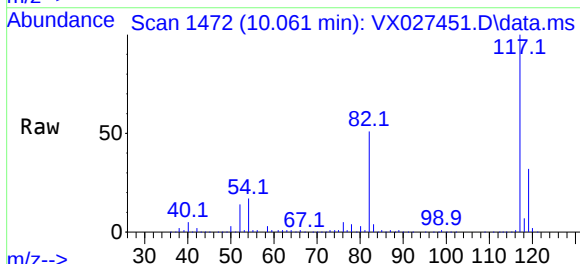
Tgt Ion: 95 Resp: 280439
Ion Ratio Lower Upper
95 100
174 83.0 0.0 163.0
176 80.4 0.0 155.0

Manual Integrations
APPROVED

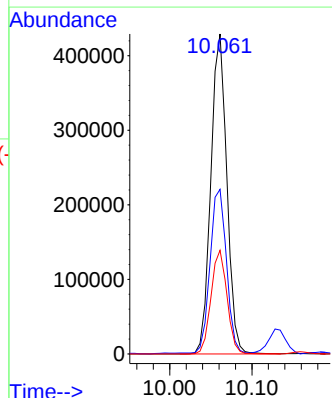
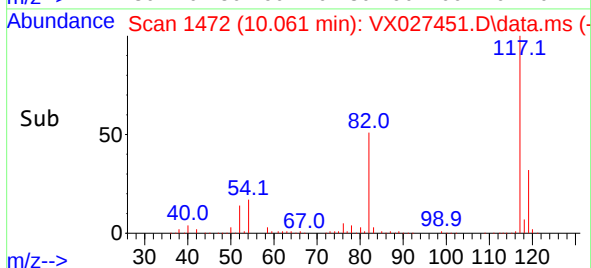
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

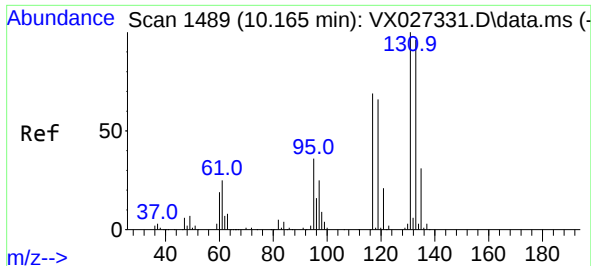


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45



Tgt Ion:117 Resp: 580562
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.8
119 32.4 24.8 37.2





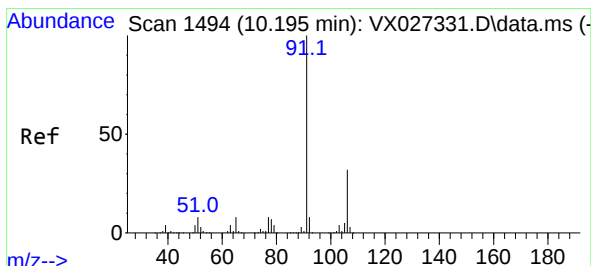
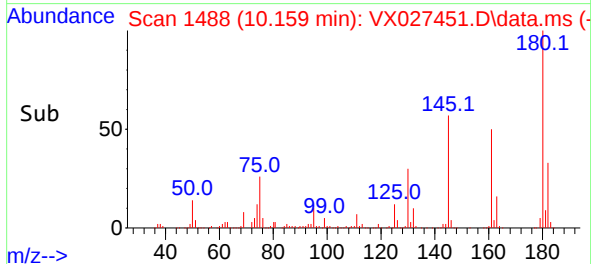
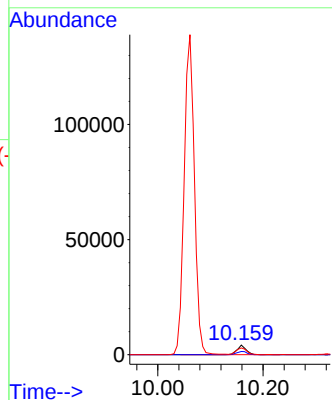
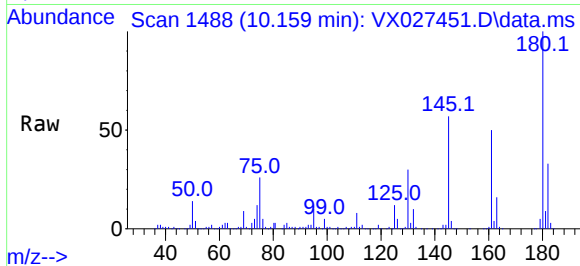
#66
1,1,1,2-Tetrachloroethane
Concen: 1.153 ug/l m
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

Instrument :
MSVOA_X
ClientSampleId :
NWB-1074

Tgt Ion:131 Resp: 4925
Ion Ratio Lower Upper
131 100
133 0.0 48.3 144.8
119 0.0 32.6 98.0

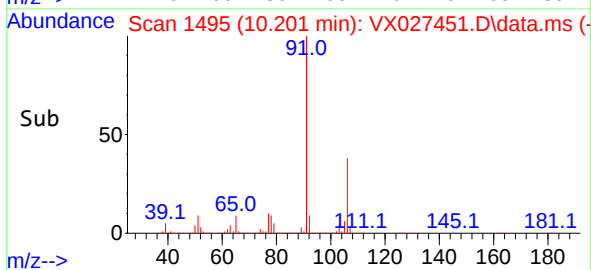
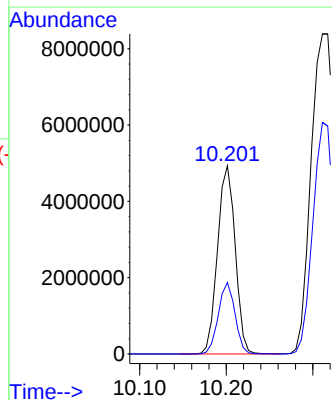
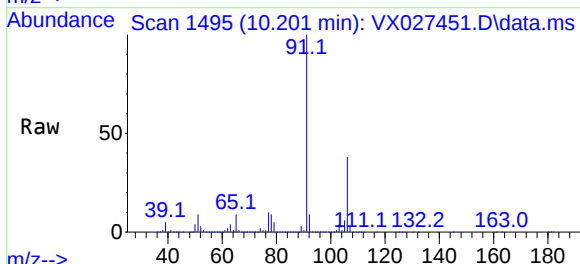
Manual Integrations
APPROVED

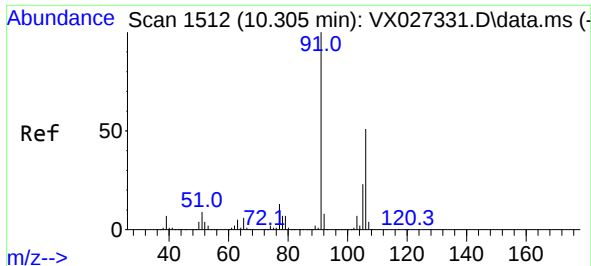
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#67
Ethyl Benzene
Concen: 332.076 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

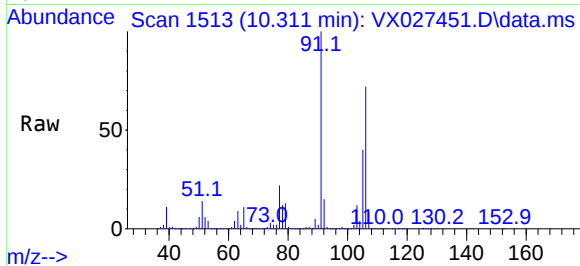
Tgt Ion: 91 Resp: 6994784
Ion Ratio Lower Upper
91 100
106 38.0 24.6 36.8





#68
m/p-Xylenes
Concen: 1211.997 ug/l
RT: 10.311 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

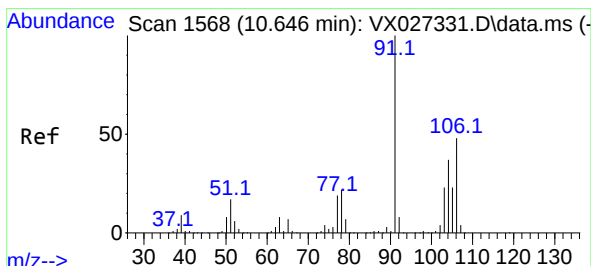
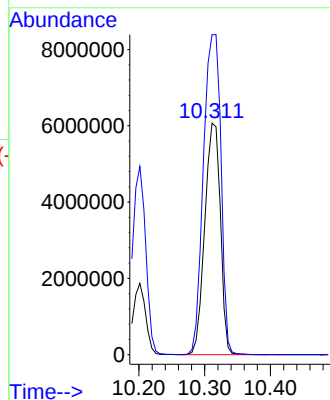
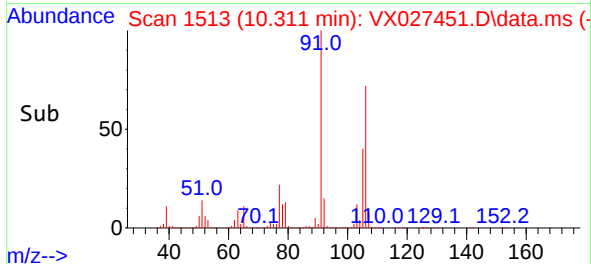
Instrument :
MSVOA_X
ClientSampleId :
NWB-1074



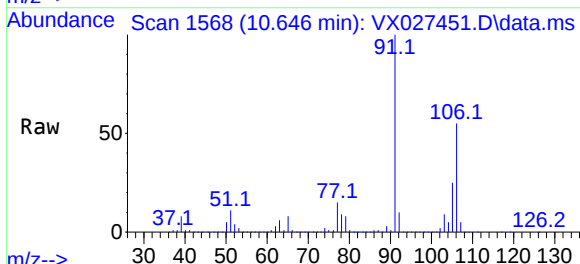
Tgt Ion:106 Resp:10013698
Ion Ratio Lower Upper
106 100
91 155.2 160.4 240.6

Manual Integrations
APPROVED

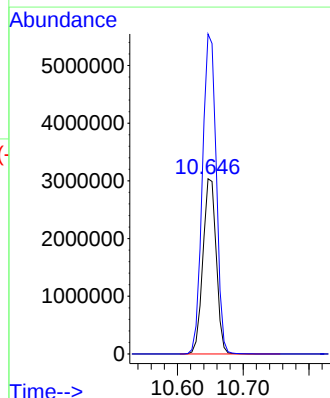
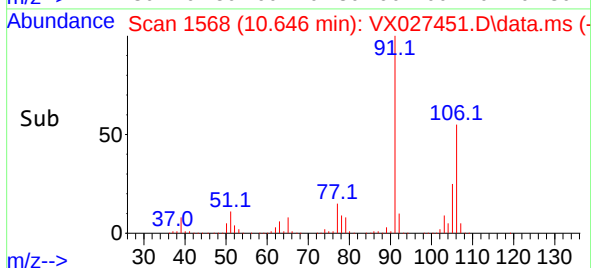
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

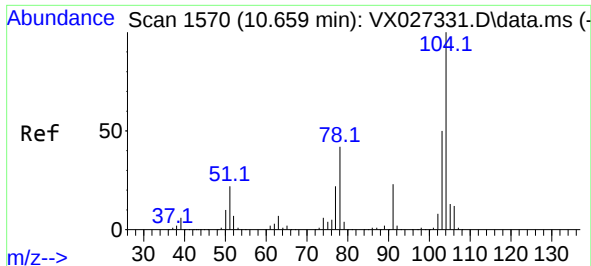


#69
o-Xylene
Concen: 523.178 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45



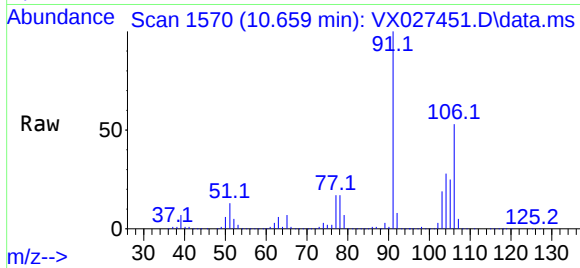
Tgt Ion:106 Resp: 4267675
Ion Ratio Lower Upper
106 100
91 189.8 106.1 318.1





#70
Styrene
Concen: 93.322 ug/l m
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

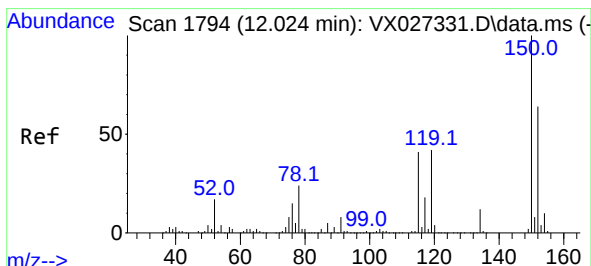
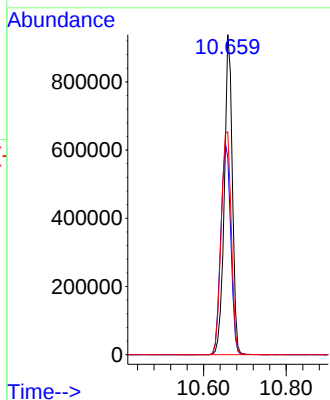
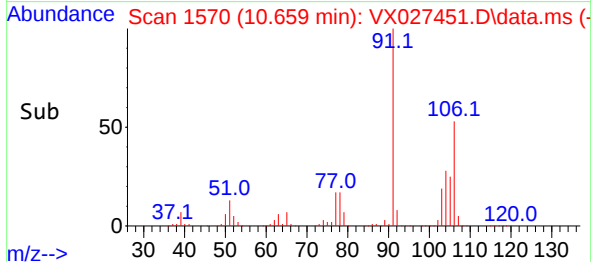
Instrument :
MSVOA_X
ClientSampleId :
NWB-1074



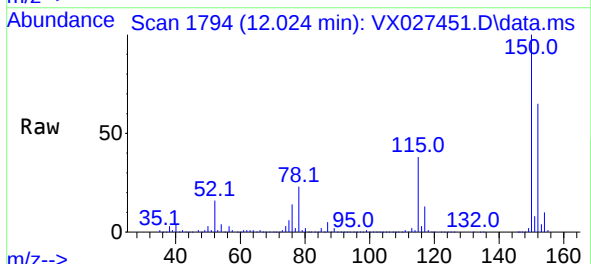
Tgt Ion:104 Resp: 1263598
Ion Ratio Lower Upper
104 100
78 0.0 38.6 57.8
103 0.0 43.8 65.8

Manual Integrations
APPROVED

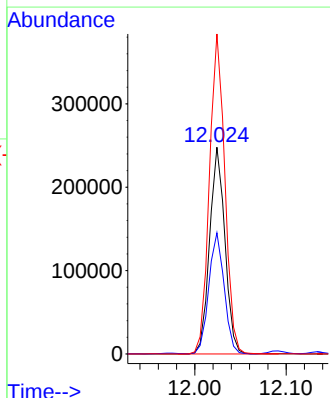
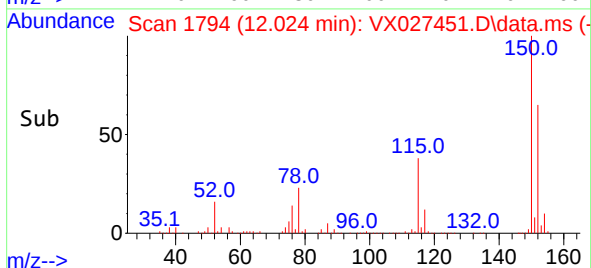
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

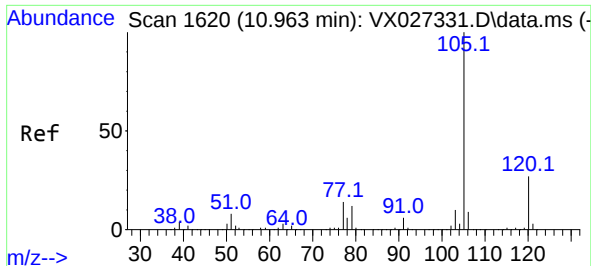


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45



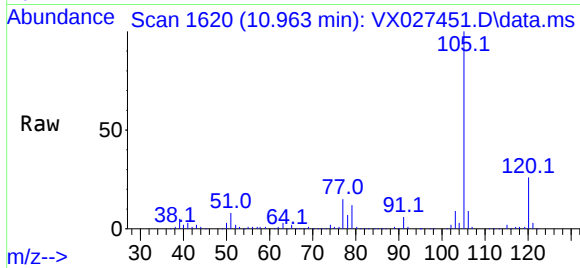
Tgt Ion:152 Resp: 288043
Ion Ratio Lower Upper
152 100
115 58.5 37.5 112.7
150 155.8 0.0 338.2





#73
Isopropylbenzene
Concen: 3.763 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

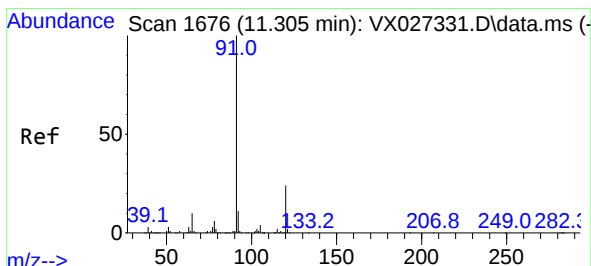
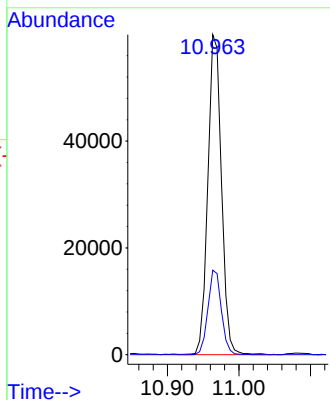
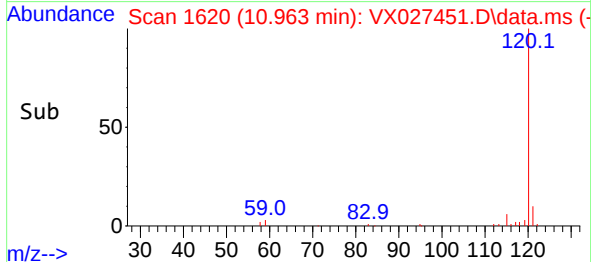
Instrument :
MSVOA_X
ClientSampleId :
NWB-1074



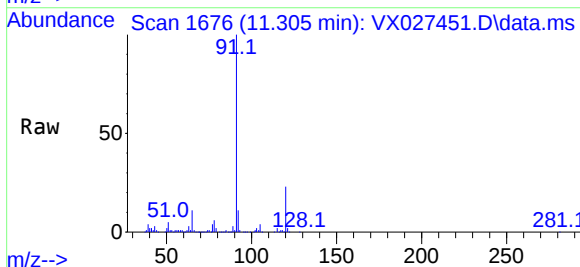
Tgt Ion:105 Resp: 79270
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.5

Manual Integrations
APPROVED

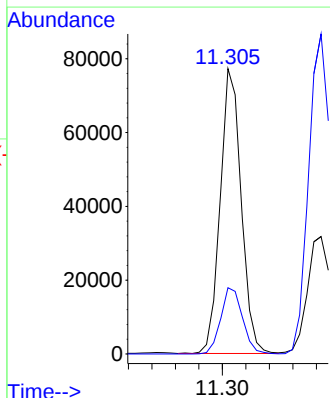
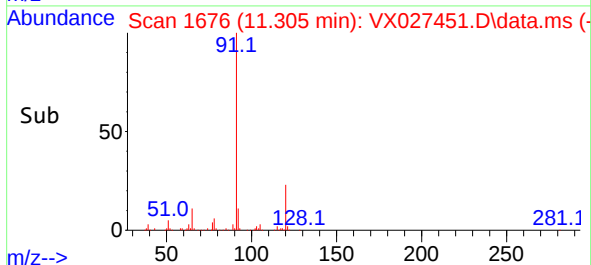
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022

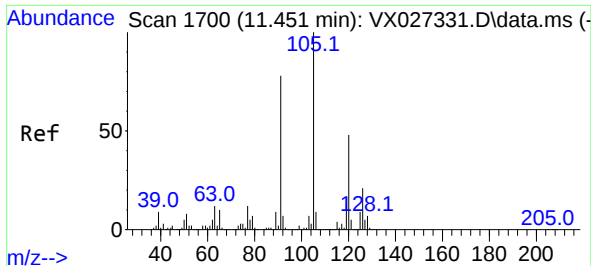


#78
n-propylbenzene
Concen: 4.040 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45



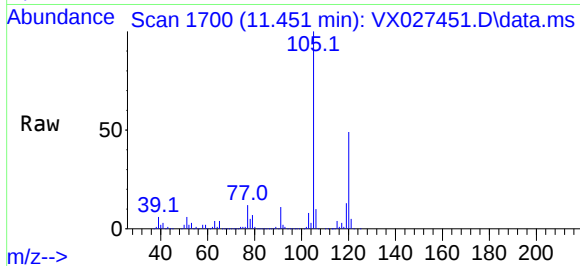
Tgt Ion: 91 Resp: 95735
Ion Ratio Lower Upper
91 100
120 24.1 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 7.433 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45

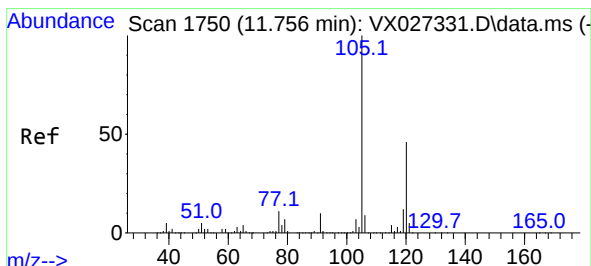
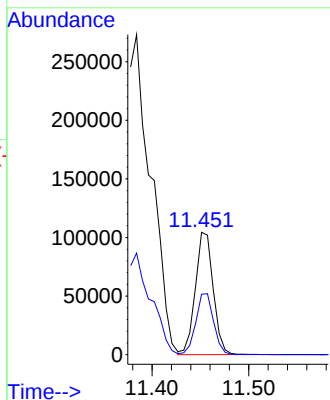
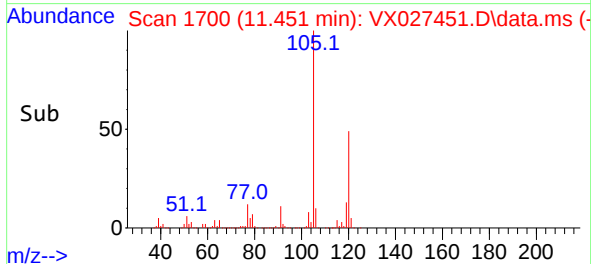
Instrument :
MSVOA_X
ClientSampleId :
NWB-1074



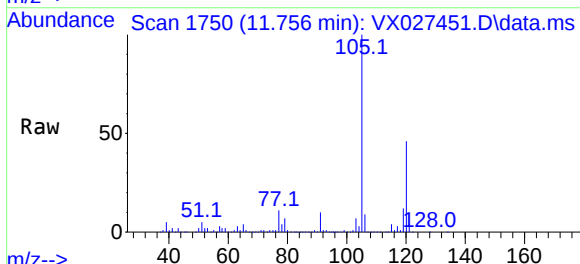
Tgt Ion:105 Resp: 134248
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/16/2022



#84
1,2,4-Trimethylbenzene
Concen: 32.970 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027451.D
Acq: 15 Mar 2022 16:45



Tgt Ion:105 Resp: 590577
Ion Ratio Lower Upper
105 100
120 45.9 22.6 67.8

