

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026078.D
 Acq On : 27 Dec 2021 22:18
 Operator : JC/MD
 Sample : M5174-10MEMS
 Misc : 3.87g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBC20MEMS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/28/2021
 Supervised By : Mahesh Dadoda 12/28/2021

Quant Time: Dec 28 02:54:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 28 02:17:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	248265	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	231094	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.030	152	122839	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	102127	58.009	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 116.020%			
7) Chloroethane-d5	1.666	69	62732	44.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.180%			
11) 1,1-Dichloroethene-d2	2.294	63	215088	61.651	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 123.300%			
21) 2-Butanone-d5	4.489	46	164958	108.072	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.070%			
24) Chloroform-d	5.068	84	207622	58.930	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.860%			
26) 1,2-Dichloroethane-d4	5.964	65	131811	55.258	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.520%			
32) Benzene-d6	5.976	84	400105	60.151	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.300%			
36) 1,2-Dichloropropane-d6	7.312	67	124304	60.119	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 120.240%#			
41) Toluene-d8	8.653	98	357536	57.569	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.140%			
43) trans-1,3-Dichloroprop...	8.952	79	55966	62.214	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 124.420%			
47) 2-Hexanone-d5	9.415	63	116800	109.455	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.450%			
56) 1,1,2,2-Tetrachloroeth...	11.201	84	171929	56.392	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 112.780%			
66) 1,2-Dichlorobenzene-d4	12.323	152	137912	59.413	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 118.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	144696	58.314	ug/L	99
3) Chloromethane	1.294	50	133739	58.066	ug/L	98
5) Vinyl chloride	1.380	62	133749	58.508	ug/L	99
6) Bromomethane	1.611	94	61443	47.070	ug/L	99
8) Chloroethane	1.685	64	61908	44.851	ug/L	98
9) Trichlorofluoromethane	1.867	101	133737	38.661	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	121994	68.391	ug/L	93
12) 1,1-Dichloroethene	2.306	96	108994	65.330	ug/L	89
13) Acetone	2.410	43	117204	140.454	ug/L	95
14) Carbon disulfide	2.502	76	263440	57.172	ug/L	99
15) Methyl Acetate	2.721	43	142893	62.133	ug/L #	91
16) Methylene chloride	2.788	84	119444	61.578	ug/L	92
17) trans-1,2-Dichloroethene	3.087	96	113946	64.139	ug/L	93
18) Methyl tert-butyl Ether	3.129	73	376214	65.187	ug/L	97
19) 1,1-Dichloroethane	3.611	63	211092	63.002	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	124302	62.693	ug/L	94
22) 2-Butanone	4.586	43	189613	122.038	ug/L #	67
23) Bromochloromethane	4.910	128	60078	60.738	ug/L	89
25) Chloroform	5.105	83	213109	60.963	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026078.D
 Acq On : 27 Dec 2021 22:18
 Operator : JC/MD
 Sample : M5174-10MEMS
 Misc : 3.87g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GBC20MEMS

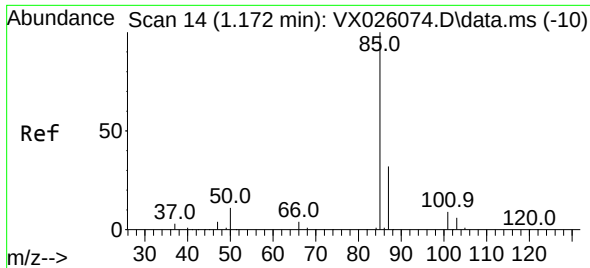
Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/28/2021
 Supervised By : Mahesh Dadoda 12/28/2021

Quant Time: Dec 28 02:54:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 28 02:17:03 2021
 Response via : Initial Calibration

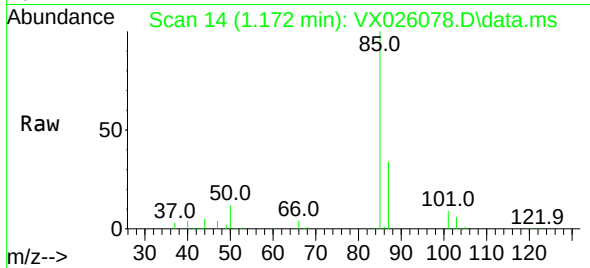
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	167973	58.253	ug/L	97
29) Cyclohexane	5.470	56	202267	66.638	ug/L	93
30) 1,1,1-Trichloroethane	5.385	97	185156	65.800	ug/L	95
31) Carbon tetrachloride	5.678	117	159434	65.375	ug/L	100
33) Benzene	6.037	78	462087	62.970	ug/L	100
34) Trichloroethene	7.129	95	122921	65.486	ug/L	94
35) Methylcyclohexane	7.379	83	196640	66.186	ug/L	95
37) 1,2-Dichloropropane	7.434	63	117391	63.024	ug/L	98
38) Bromodichloromethane	7.830	83	154074	63.118	ug/L	100
39) cis-1,3-Dichloropropene	8.372	75	178965	66.864	ug/L	98
40) 4-Methyl-2-pentanone	8.586	43	367206m	117.263	ug/L	
42) Toluene	8.720	91	491295	62.867	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	165631	65.209	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	112023	62.265	ug/L	98
46) Tetrachloroethene	9.275	164	102246	71.400	ug/L	98
48) 2-Hexanone	9.458	43	292786	122.928	ug/L	94
49) Dibromochloromethane	9.525	129	120160	64.669	ug/L	96
50) 1,2-Dibromoethane	9.616	107	118098	61.468	ug/L	99
51) Chlorobenzene	10.086	112	303463	61.691	ug/L	99
52) Ethylbenzene	10.195	91	532515	62.829	ug/L	96
53) m,p-Xylene	10.305	106	206517	63.830	ug/L	96
54) o-Xylene	10.646	106	199551	62.267	ug/L	89
55) Styrene	10.659	104	343165	63.430	ug/L	89
57) 1,1,2,2-Tetrachloroethane	11.219	83	176686	58.441	ug/L	97
59) Bromoform	10.811	173	81960	64.604	ug/L	98
60) Isopropylbenzene	10.963	105	528687	62.644	ug/L	97
61) 1,2,3-Trichloropropane	11.250	75	141837	57.788	ug/L	97
62) 1,3,5-Trimethylbenzene	11.457	105	445103	62.989	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	448288	63.326	ug/L #	81
64) 1,3-Dichlorobenzene	11.975	146	234744	62.338	ug/L	99
65) 1,4-Dichlorobenzene	12.049	146	236279	62.322	ug/L	99
67) 1,2-Dichlorobenzene	12.341	146	232945	62.566	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	38330	59.275	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.115	180	162918	64.447	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	149824	66.552	ug/L	98
71) Naphthalene	13.780	128	554534	65.159	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	151853	65.317	ug/L	99

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



#2
 Dichlorodifluoromethane
 Concen: 58.314 ug/L
 RT: 1.172 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX026078.D
 Acq: 27 Dec 2021 22:18

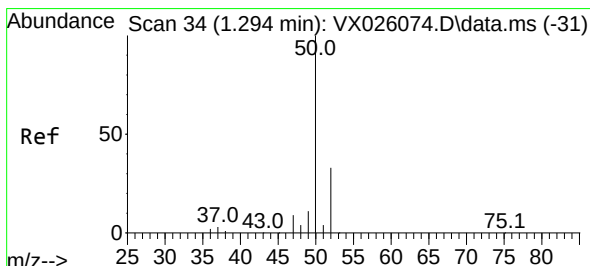
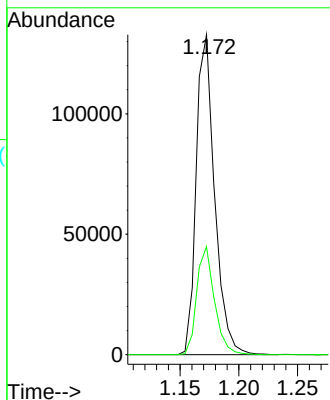
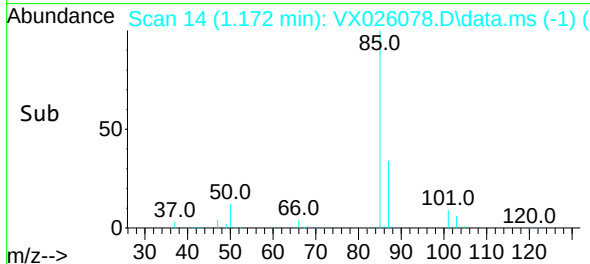
Instrument :
 MSVOA_X
 ClientSampleId :
 GBC20MEMS



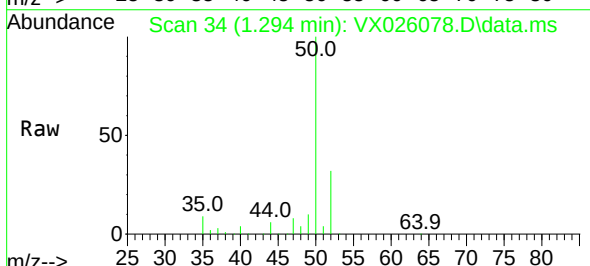
Tgt Ion: 85 Resp: 144690
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6

Manual Integrations
 APPROVED

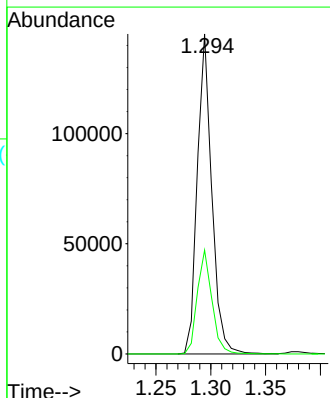
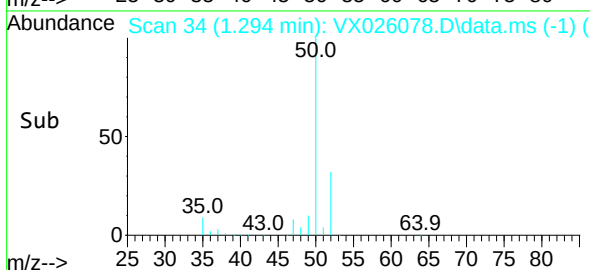
Reviewed By :John Carlone 12/28/2021
 Supervised By :Mahesh Dadoda 12/28/2021

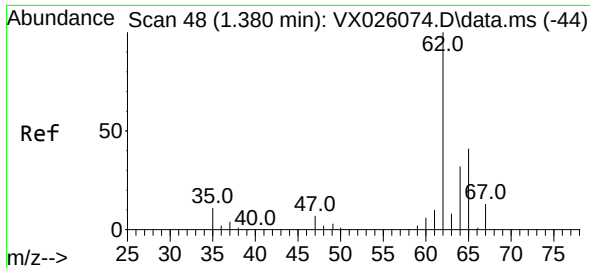


#3
 Chloromethane
 Concen: 58.066 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX026078.D
 Acq: 27 Dec 2021 22:18



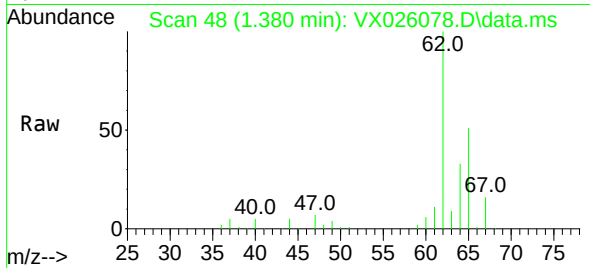
Tgt Ion: 50 Resp: 133739
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.0 40.8





#5
 Vinyl chloride
 Concen: 58.508 ug/L
 RT: 1.380 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: VX026078.D
 Acq: 27 Dec 2021 22:18

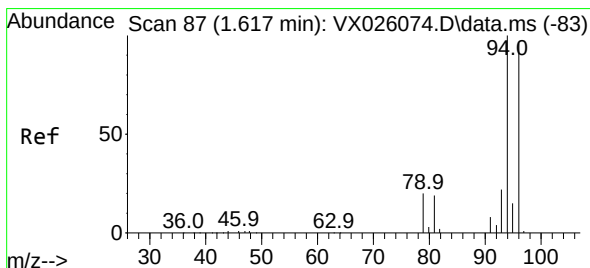
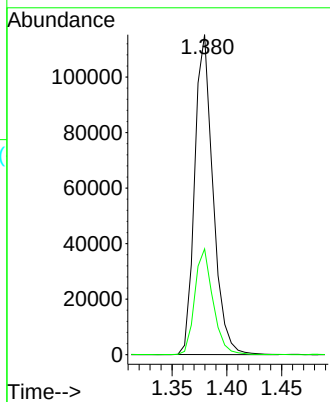
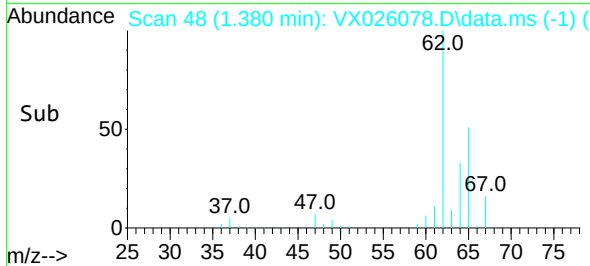
Instrument :
 MSVOA_X
 ClientSampleId :
 GBC20MEMS



Tgt Ion: 62 Resp: 133749
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.9 42.5

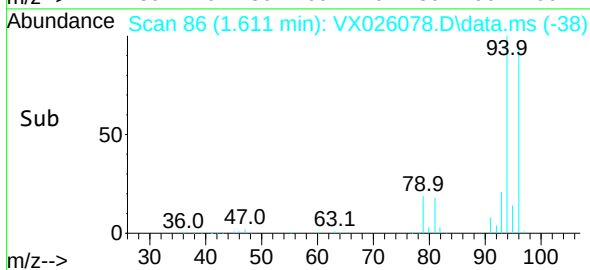
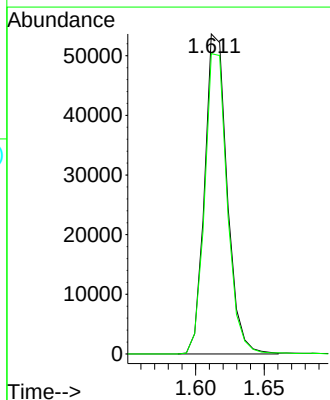
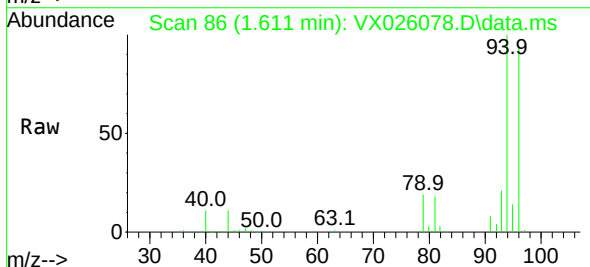
Manual Integrations
 APPROVED

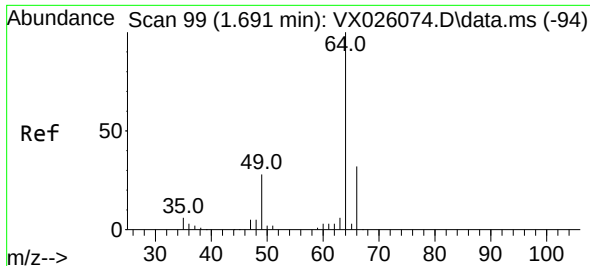
Reviewed By :John Carlone 12/28/2021
 Supervised By :Mahesh Dadoda 12/28/2021



#6
 Bromomethane
 Concen: 47.070 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. -0.006 min
 Lab File: VX026078.D
 Acq: 27 Dec 2021 22:18

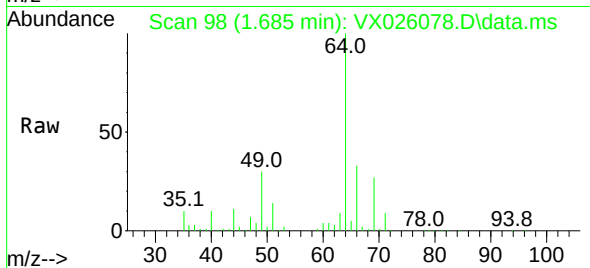
Tgt Ion: 94 Resp: 61443
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.7 123.9





#8
Chloroethane
Concen: 44.851 ug/L
RT: 1.685 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

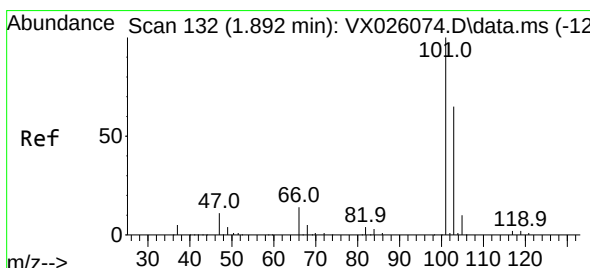
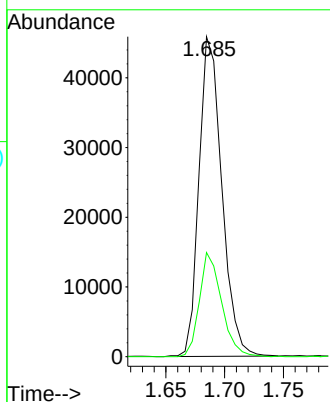
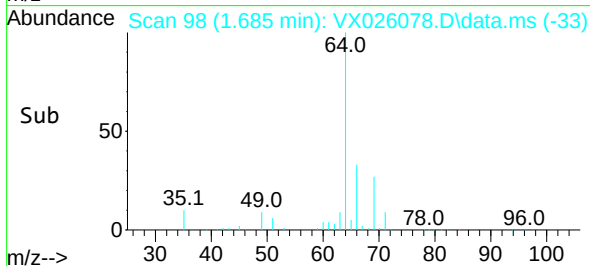
Instrument :
MSVOA_X
ClientSampleId :
GBC20MEMS



Tgt Ion: 64 Resp: 61908
Ion Ratio Lower Upper
64 100
66 32.5 22.0 40.8

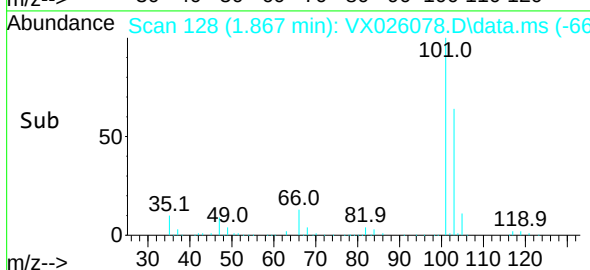
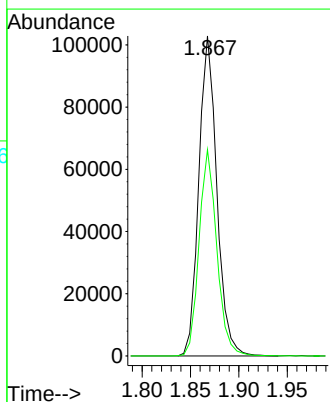
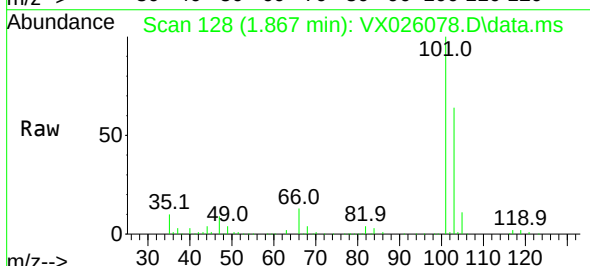
Manual Integrations
APPROVED

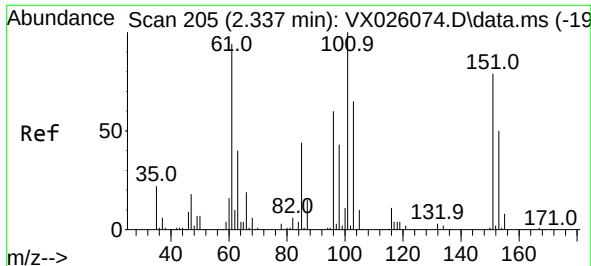
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#9
Trichlorofluoromethane
Concen: 38.661 ug/L
RT: 1.867 min Scan# 128
Delta R.T. -0.024 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Tgt Ion:101 Resp: 133737
Ion Ratio Lower Upper
101 100
103 63.2 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 68.391 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.024 min

Lab File: VX026078.D

Acq: 27 Dec 2021 22:18

Instrument :

MSVOA_X

ClientSampleId :

GBC20MEMS

Tgt Ion:101 Resp: 121994

Ion Ratio Lower Upper

101 100

85 44.5 34.3 51.5

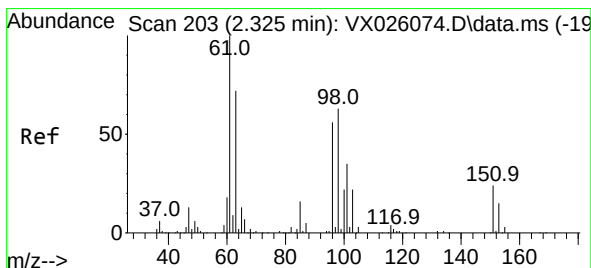
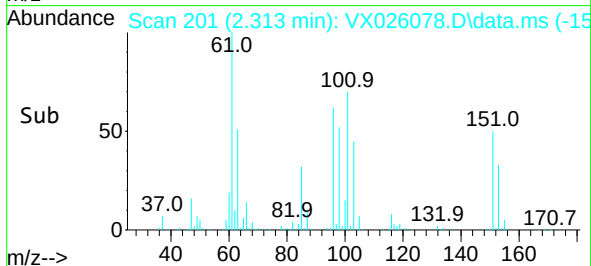
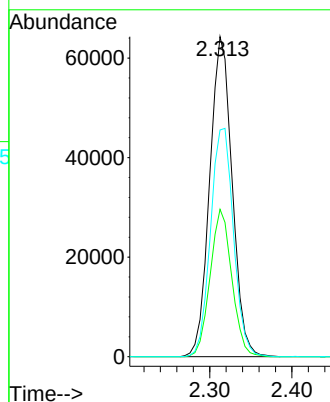
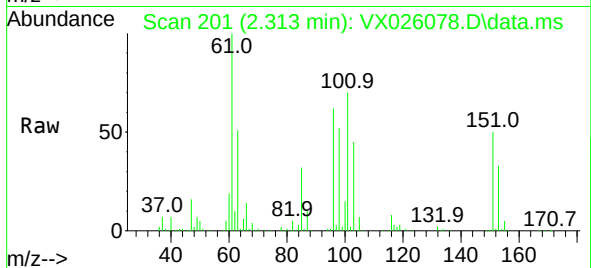
151 73.1 65.2 97.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#12

1,1-Dichloroethene

Concen: 65.330 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.018 min

Lab File: VX026078.D

Acq: 27 Dec 2021 22:18

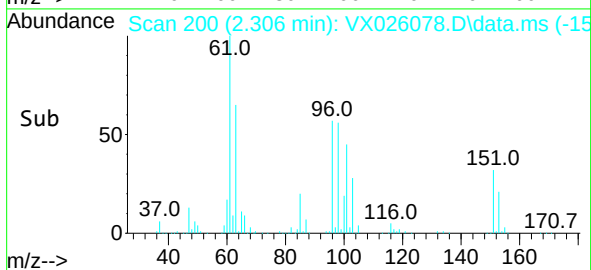
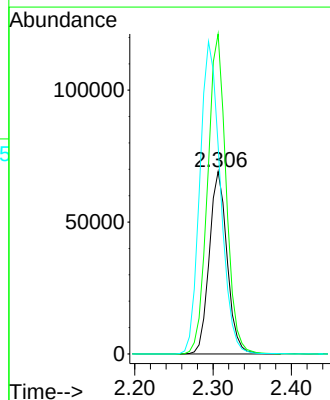
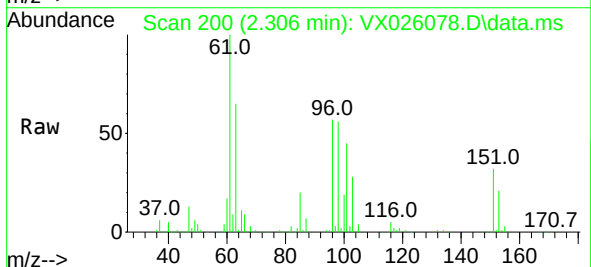
Tgt Ion: 96 Resp: 108994

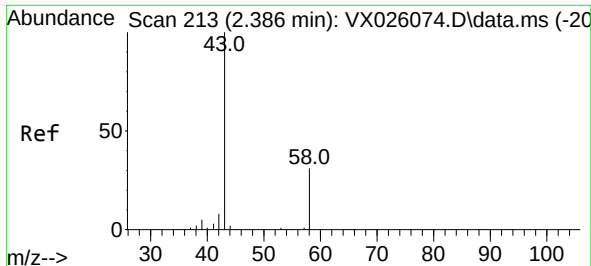
Ion Ratio Lower Upper

96 100

61 175.4 108.7 201.9

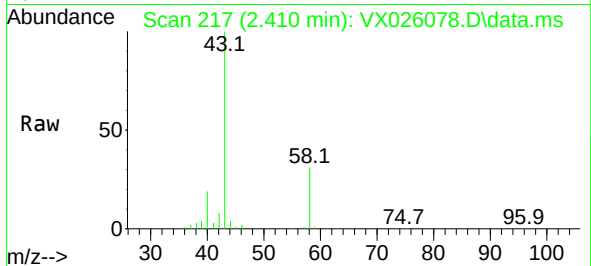
63 114.4 76.3 141.7





#13
Acetone
Concen: 140.454 ug/L
RT: 2.410 min Scan# 213
Delta R.T. 0.024 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

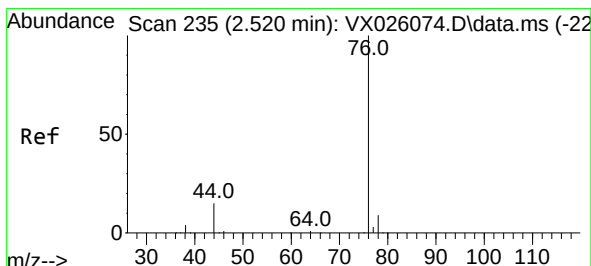
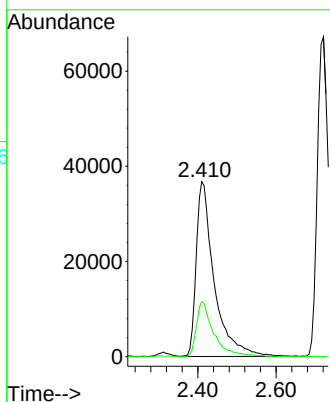
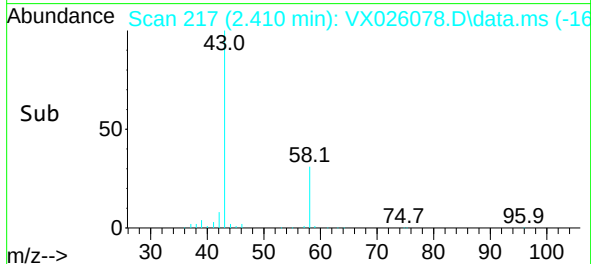
Instrument :
MSVOA_X
ClientSampleId :
GBC20MEMS



Tgt Ion: 43 Resp: 117204
Ion Ratio Lower Upper
43 100
58 29.7 0.0 65.6

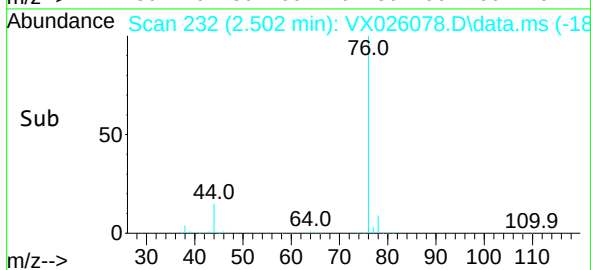
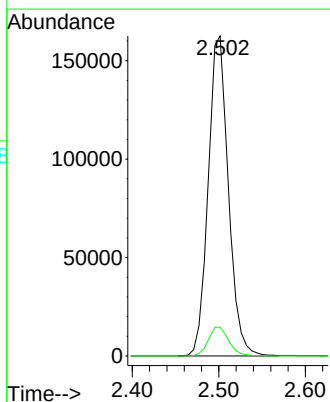
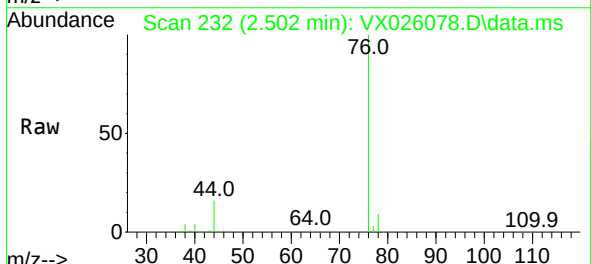
Manual Integrations
APPROVED

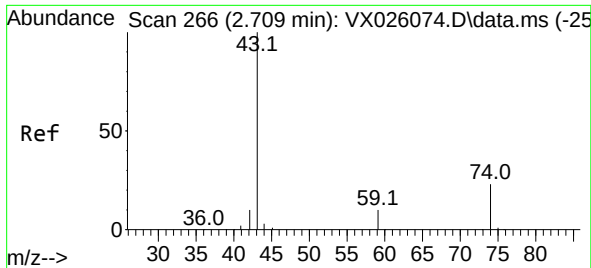
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#14
Carbon disulfide
Concen: 57.172 ug/L
RT: 2.502 min Scan# 232
Delta R.T. -0.018 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Tgt Ion: 76 Resp: 263440
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2





#15
Methyl Acetate
Concen: 62.133 ug/L
RT: 2.721 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Instrument :

MSVOA_X

ClientSampleId :

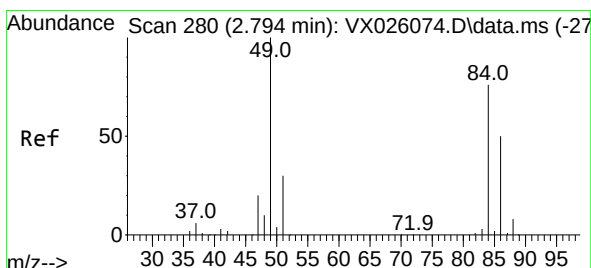
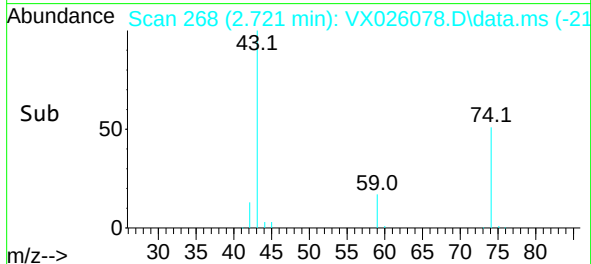
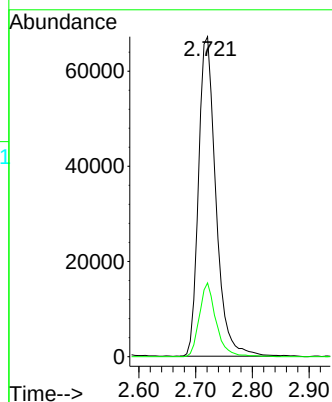
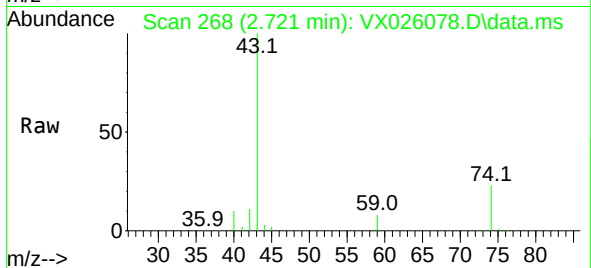
GBC20MEMS

Tgt Ion: 43 Resp: 14289
Ion Ratio Lower Upper
43 100
74 21.9 0.1 0.1

Manual Integrations

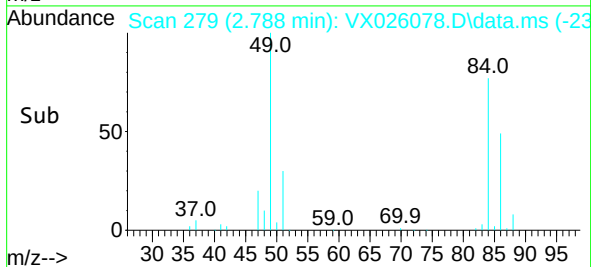
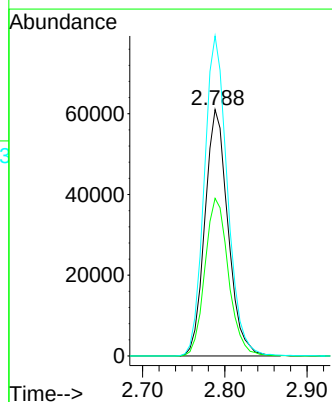
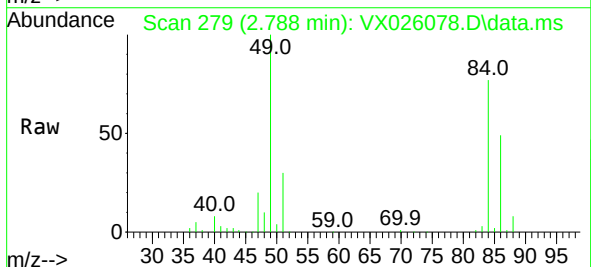
APPROVED

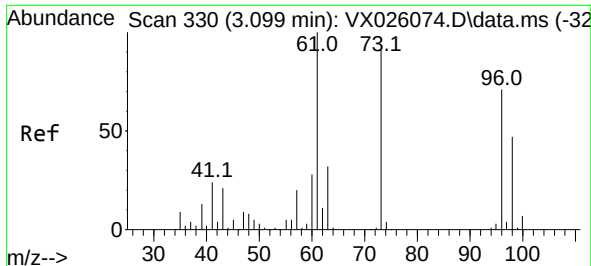
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#16
Methylene chloride
Concen: 61.578 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Tgt Ion: 84 Resp: 119444
Ion Ratio Lower Upper
84 100
86 64.0 45.1 83.9
49 129.9 82.3 152.8





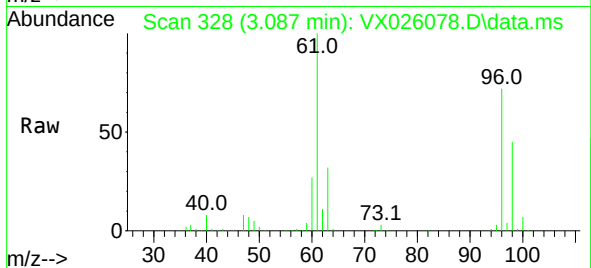
#17
trans-1,2-Dichloroethene
Concen: 64.139 ug/L
RT: 3.087 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Instrument :

MSVOA_X

ClientSampleId :

GBC20MEMS

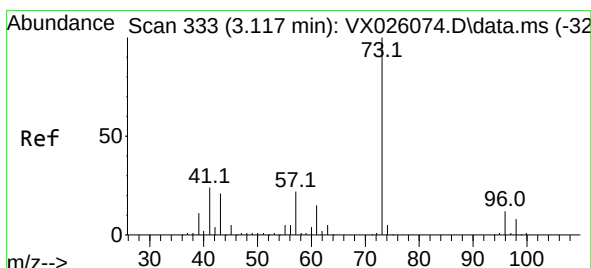
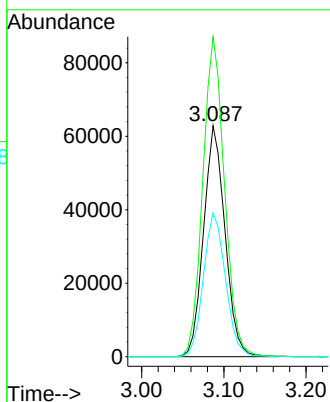
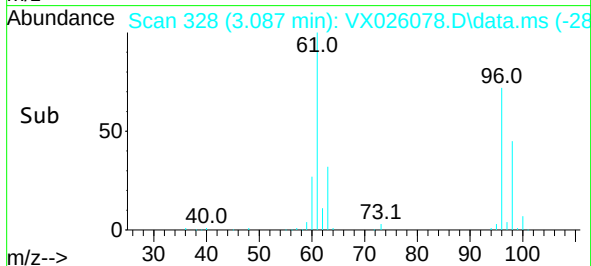


Tgt Ion: 96 Resp: 113940
Ion Ratio Lower Upper
96 100
61 138.5 88.5 164.4
98 62.3 44.3 82.3

Manual Integrations

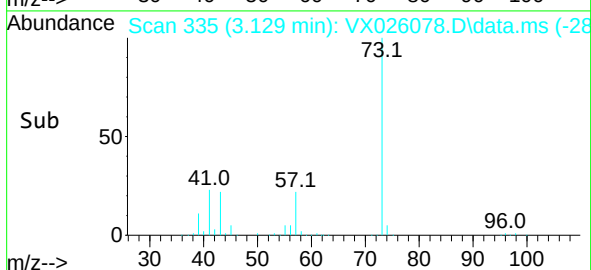
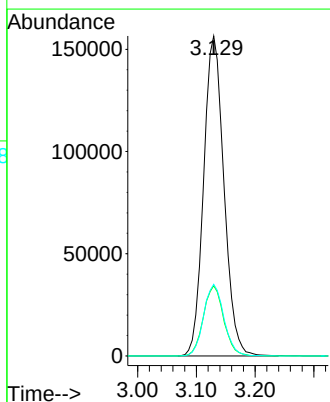
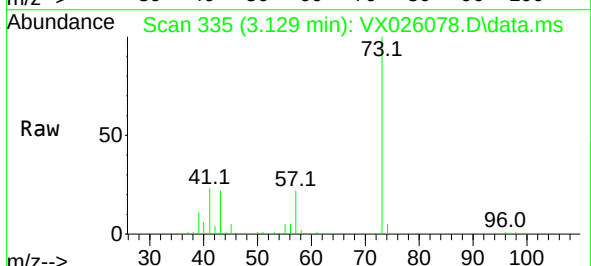
APPROVED

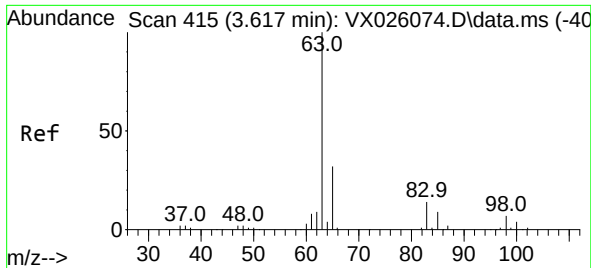
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#18
Methyl tert-butyl Ether
Concen: 65.187 ug/L
RT: 3.129 min Scan# 335
Delta R.T. 0.012 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

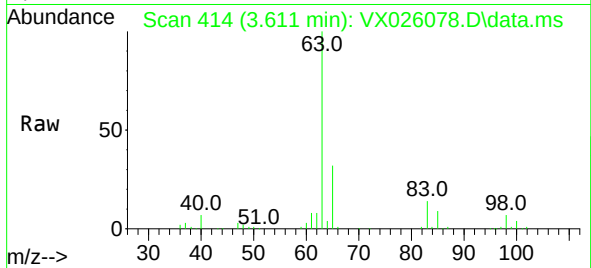
Tgt Ion: 73 Resp: 376214
Ion Ratio Lower Upper
73 100
43 21.9 15.7 23.5
57 22.3 17.3 25.9





#19
 1,1-Dichloroethane
 Concen: 63.002 ug/L
 RT: 3.611 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX026078.D
 Acq: 27 Dec 2021 22:18

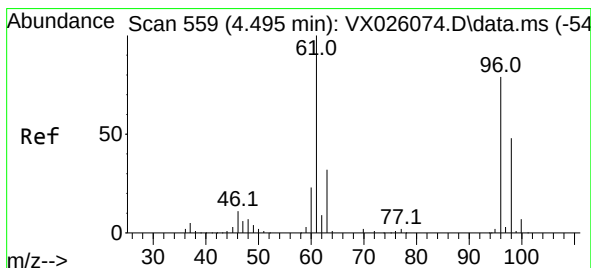
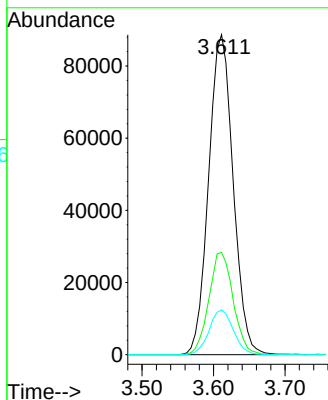
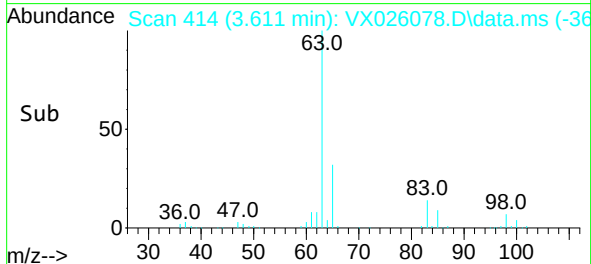
Instrument :
 MSVOA_X
 ClientSampleId :
 GBC20MEMS



Tgt Ion: 63 Resp: 211092
 Ion Ratio Lower Upper
 63 100
 65 32.0 22.2 41.2
 83 14.0 10.2 19.0

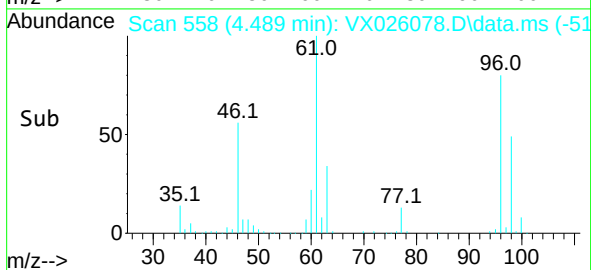
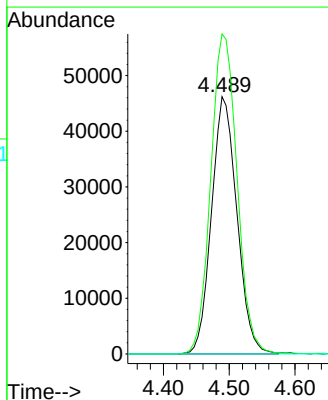
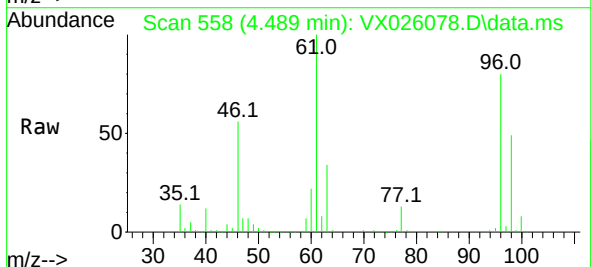
Manual Integrations
 APPROVED

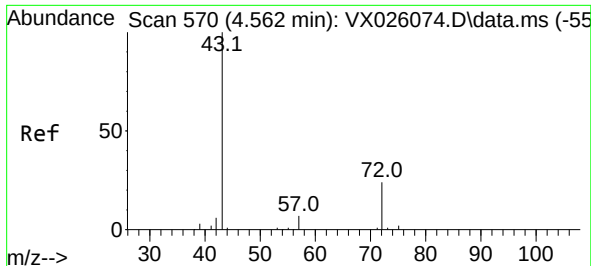
Reviewed By :John Carlone 12/28/2021
 Supervised By :Mahesh Dadoda 12/28/2021



#20
 cis-1,2-Dichloroethene
 Concen: 62.693 ug/L
 RT: 4.489 min Scan# 558
 Delta R.T. -0.006 min
 Lab File: VX026078.D
 Acq: 27 Dec 2021 22:18

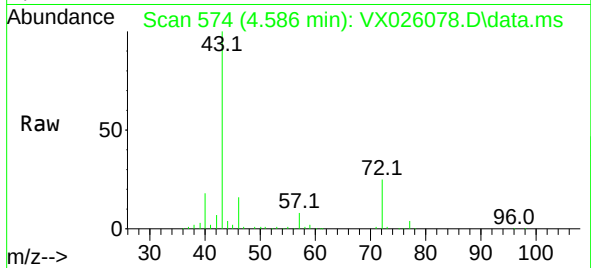
Tgt Ion: 96 Resp: 124302
 Ion Ratio Lower Upper
 96 100
 61 124.4 82.3 152.8
 68 0.0 0.0 0.0





#22
2-Butanone
Concen: 122.038 ug/L
RT: 4.586 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

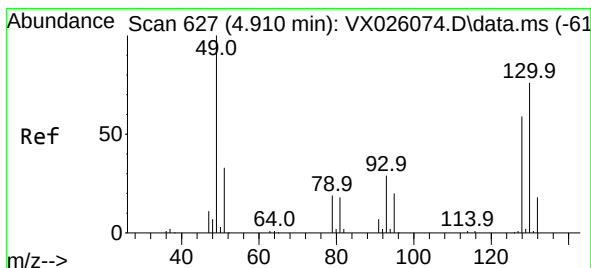
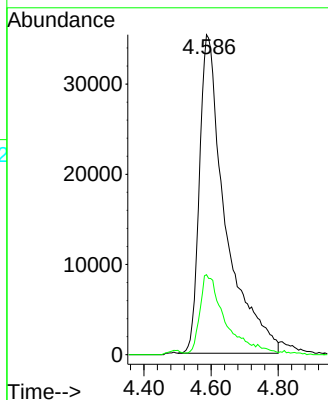
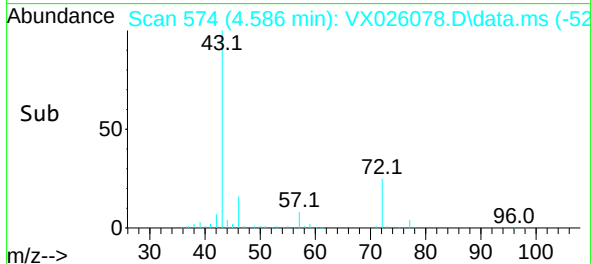
Instrument :
MSVOA_X
ClientSampleId :
GBC20MEMS



Tgt Ion: 43 Resp: 18961
Ion Ratio Lower Upper
43 100
72 10.2 13.8 41.3

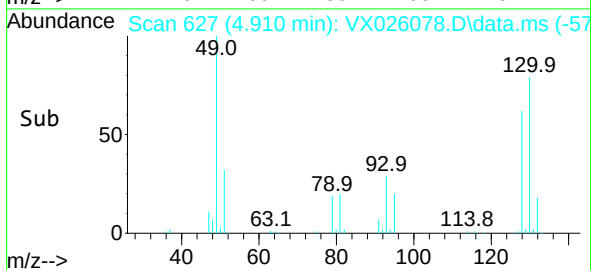
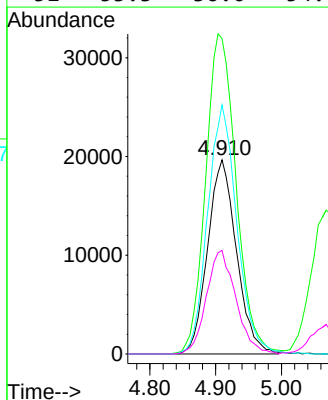
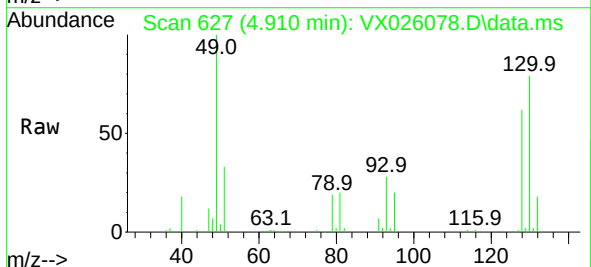
Manual Integrations
APPROVED

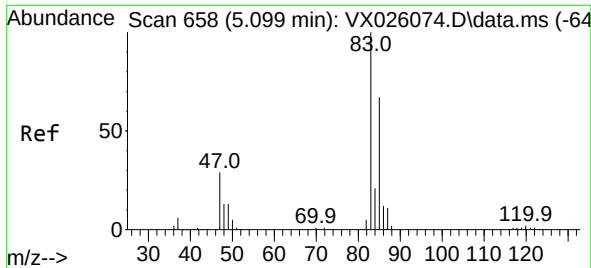
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#23
Bromochloromethane
Concen: 60.738 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

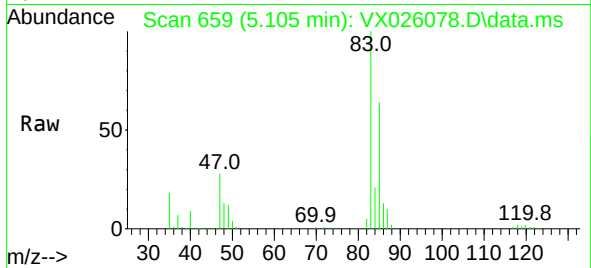
Tgt Ion:128 Resp: 60078
Ion Ratio Lower Upper
128 100
49 162.5 97.7 181.5
130 128.3 88.2 163.8
51 53.3 36.0 54.0





#25
Chloroform
Concen: 60.963 ug/L
RT: 5.105 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

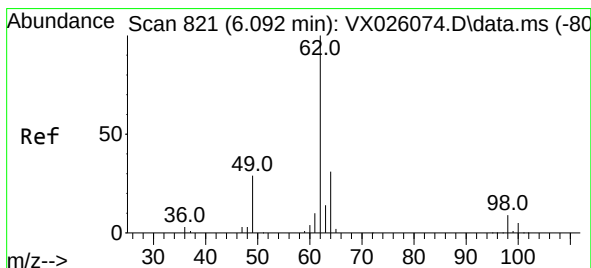
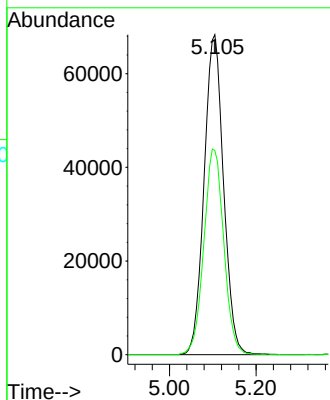
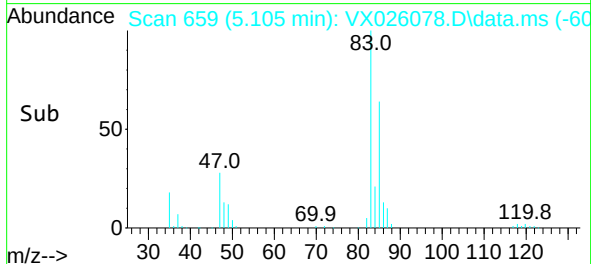
Instrument :
MSVOA_X
ClientSampleId :
GBC20MEMS



Tgt Ion: 83 Resp: 213109
Ion Ratio Lower Upper
83 100
85 63.8 44.9 83.5

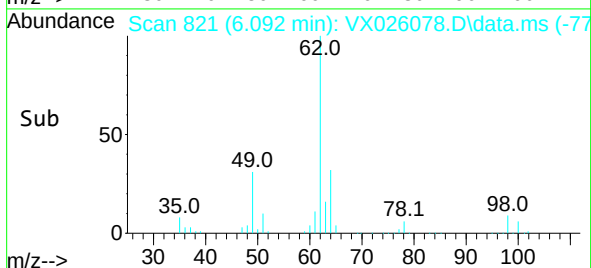
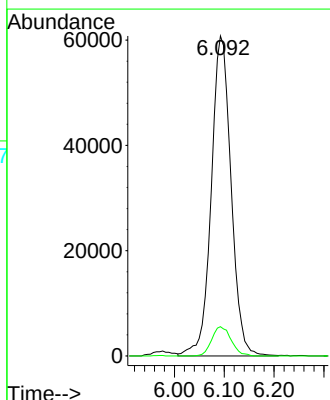
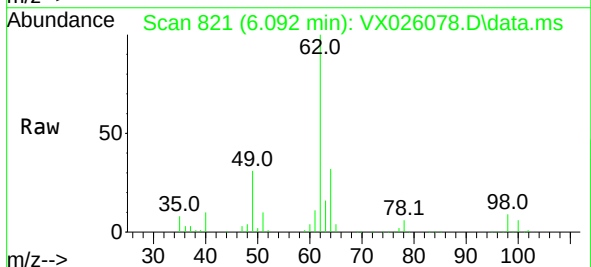
Manual Integrations
APPROVED

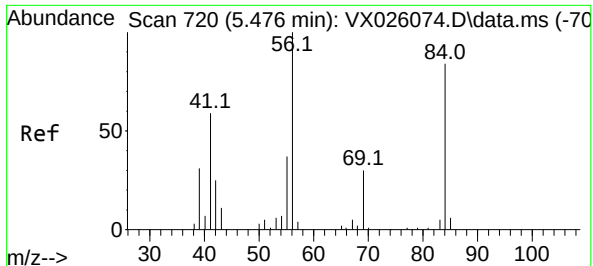
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#27
1,2-Dichloroethane
Concen: 58.253 ug/L
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

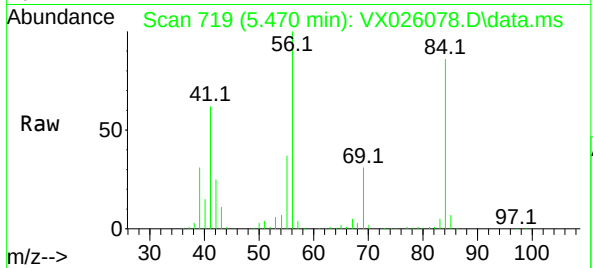
Tgt Ion: 62 Resp: 167973
Ion Ratio Lower Upper
62 100
98 9.1 8.2 12.2





#29
Cyclohexane
Concen: 66.638 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

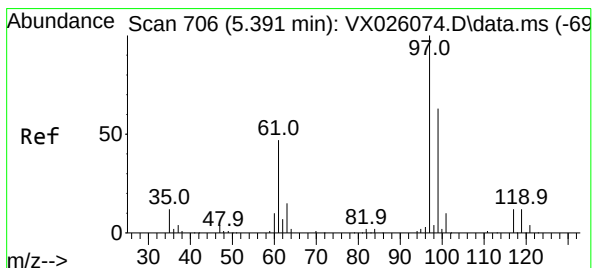
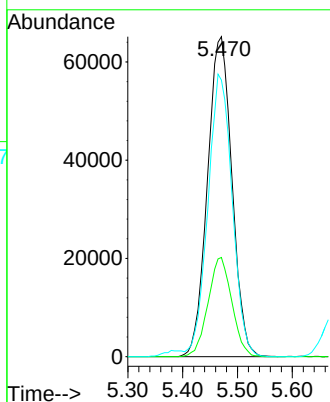
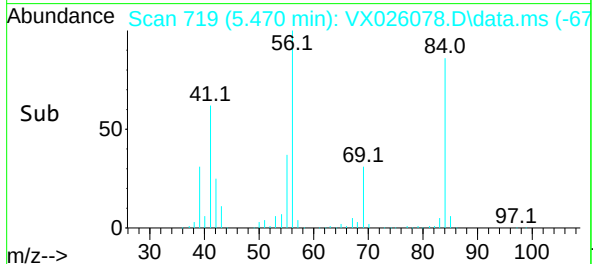
Instrument :
MSVOA_X
ClientSampleId :
GBC20MEMS



Tgt Ion: 56 Resp: 20226
Ion Ratio Lower Upper
56 100
69 30.1 25.4 38.2
84 87.5 76.6 114.8

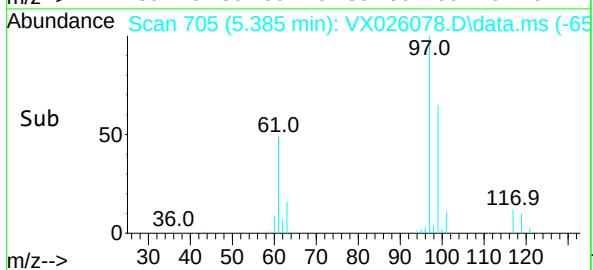
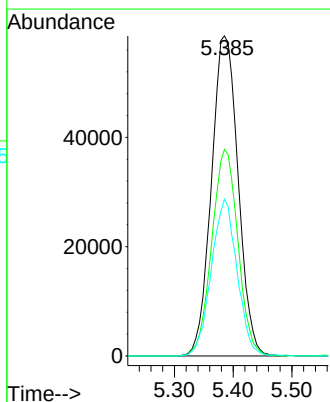
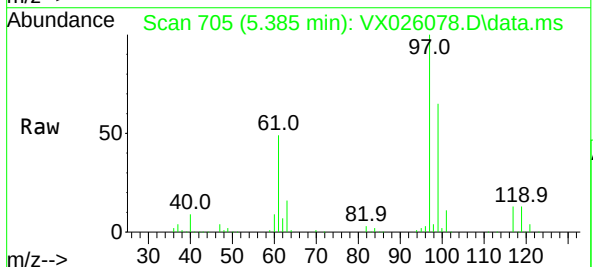
Manual Integrations
APPROVED

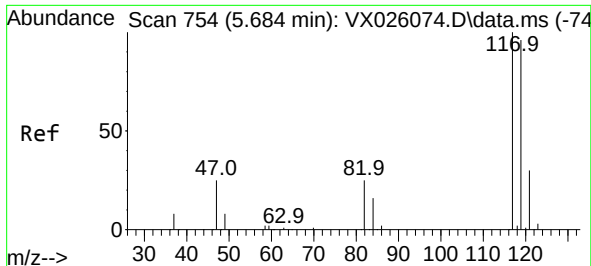
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#30
1,1,1-Trichloroethane
Concen: 65.800 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

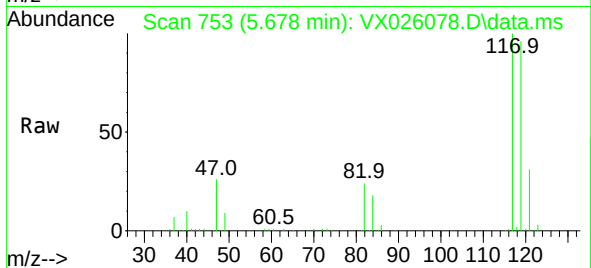
Tgt Ion: 97 Resp: 185156
Ion Ratio Lower Upper
97 100
99 63.1 51.5 77.3
61 47.1 33.1 49.7





#31
Carbon tetrachloride
Concen: 65.375 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

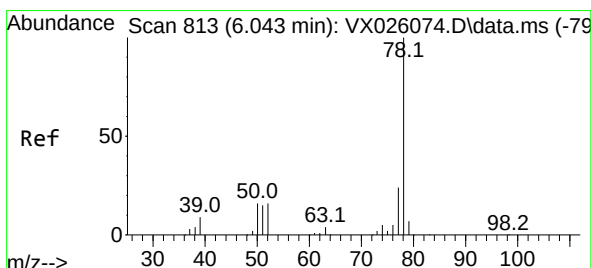
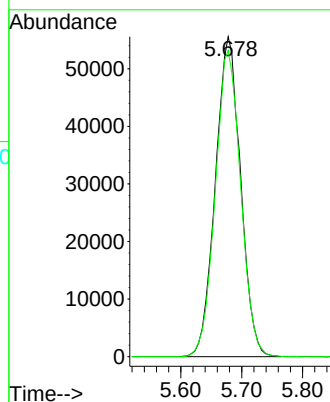
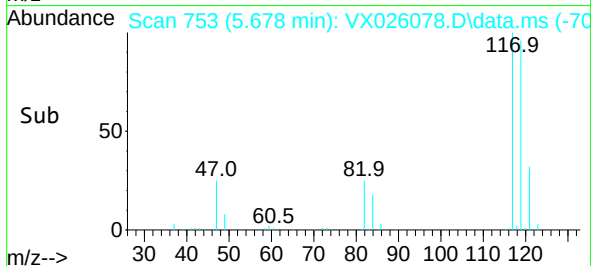
Instrument :
MSVOA_X
ClientSampleId :
GBC20MEMS



Tgt Ion:117 Resp: 159434
Ion Ratio Lower Upper
117 100
119 96.4 76.8 115.2

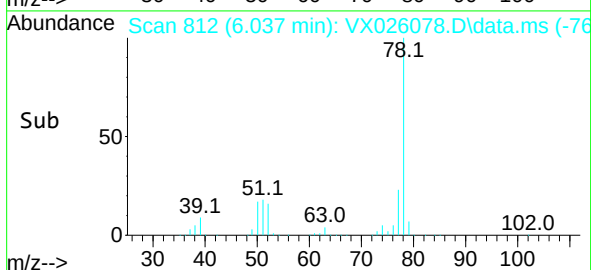
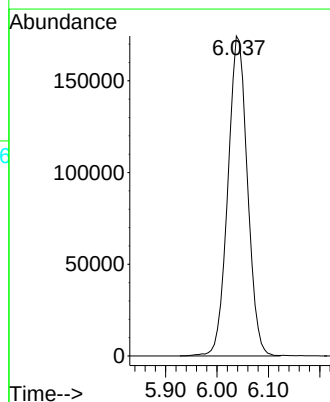
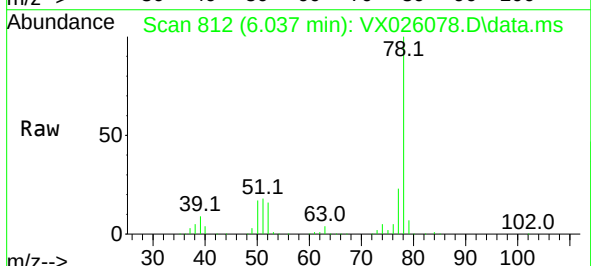
Manual Integrations
APPROVED

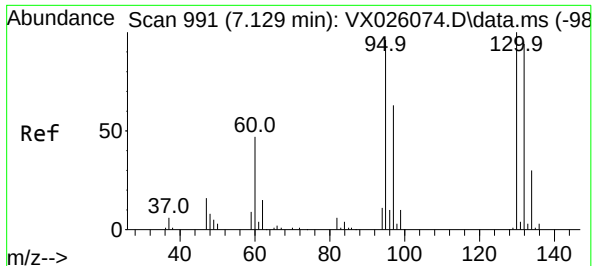
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#33
Benzene
Concen: 62.970 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Tgt Ion: 78 Resp: 462087





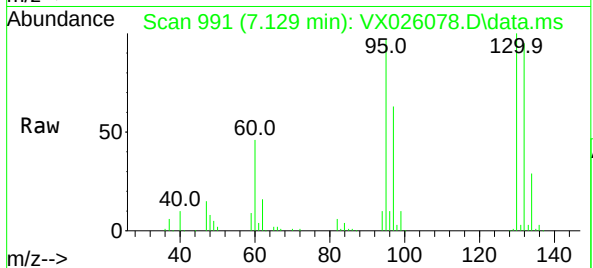
#34
Trichloroethene
Concen: 65.486 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Instrument :

MSVOA_X

ClientSampleId :

GBC20MEMS

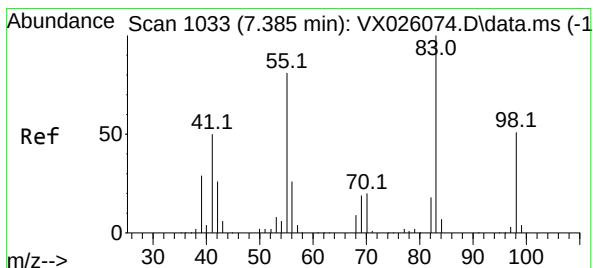
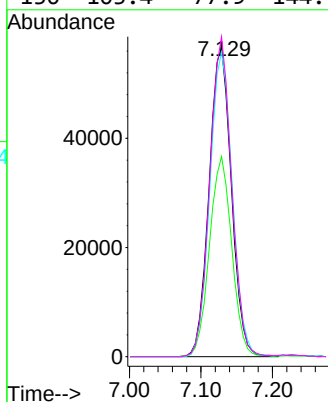


Tgt Ion: 95 Resp: 122921
Ion Ratio Lower Upper
95 100
97 64.7 46.0 85.4
132 98.4 75.0 139.2
130 103.4 77.9 144.7

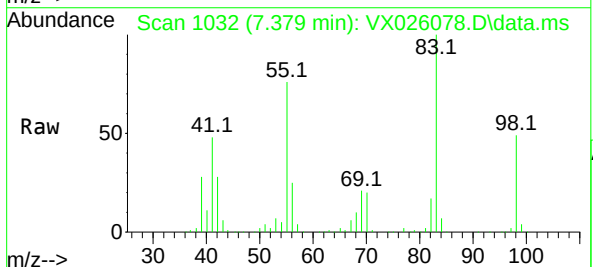
Manual Integrations

APPROVED

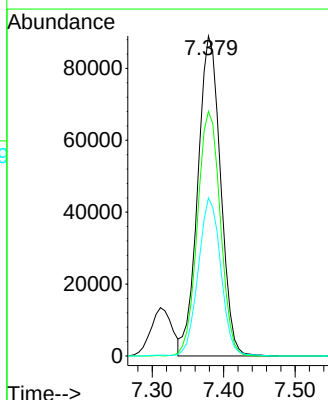
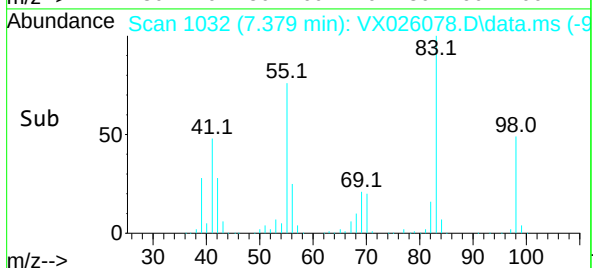
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

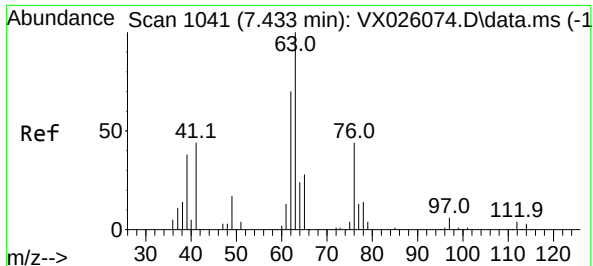


#35
Methylcyclohexane
Concen: 66.186 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18



Tgt Ion: 83 Resp: 196640
Ion Ratio Lower Upper
83 100
55 76.8 57.3 85.9
98 48.9 41.1 61.7





#37

1,2-Dichloropropane

Concen: 63.024 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX026078.D

Acq: 27 Dec 2021 22:18

Instrument :

MSVOA_X

ClientSampleId :

GBC20MEMS

Tgt Ion: 63 Resp: 11739

Ion Ratio Lower Upper

63 100

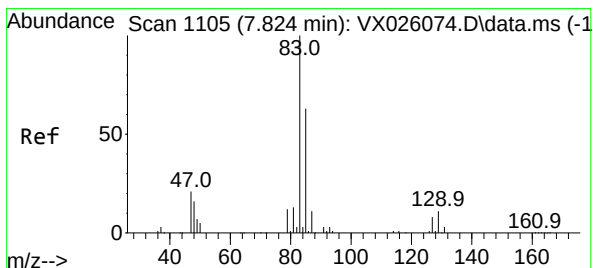
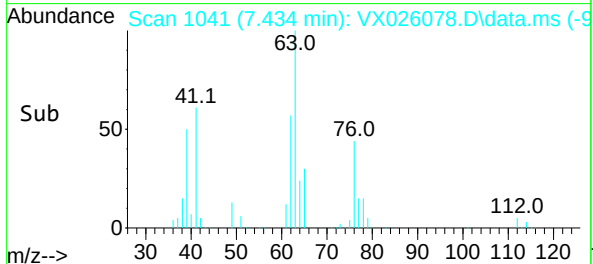
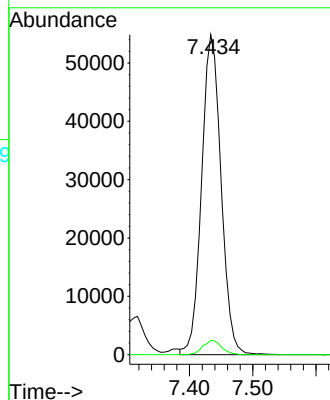
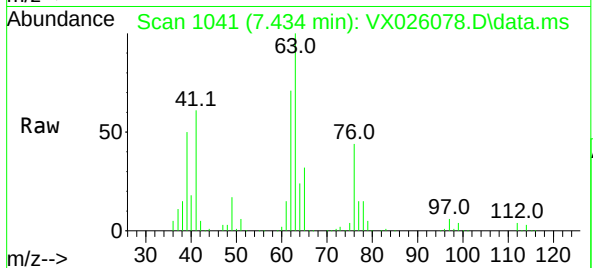
112 4.3 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#38

Bromodichloromethane

Concen: 63.118 ug/L

RT: 7.830 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VX026078.D

Acq: 27 Dec 2021 22:18

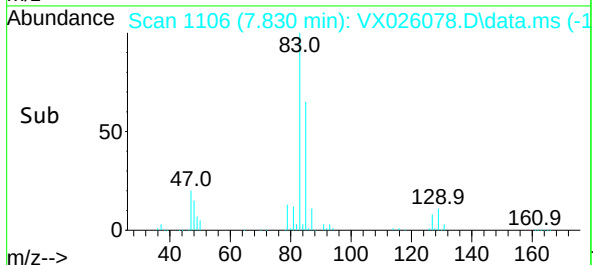
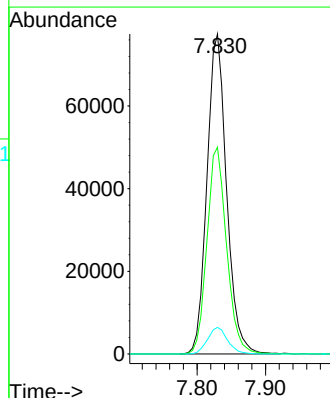
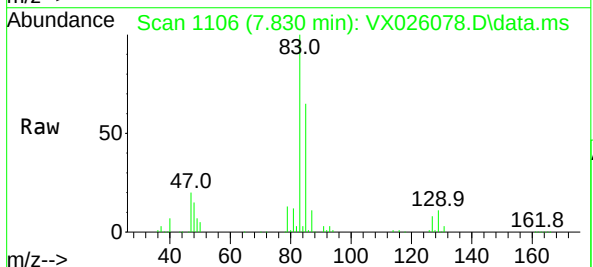
Tgt Ion: 83 Resp: 154074

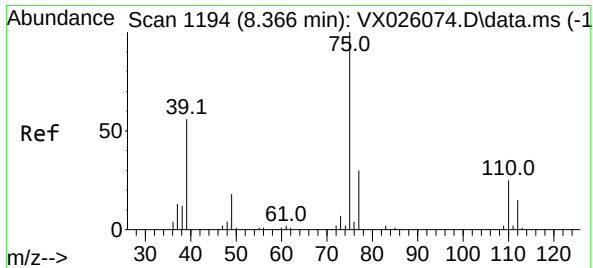
Ion Ratio Lower Upper

83 100

85 64.6 45.3 84.1

127 8.3 7.3 10.9





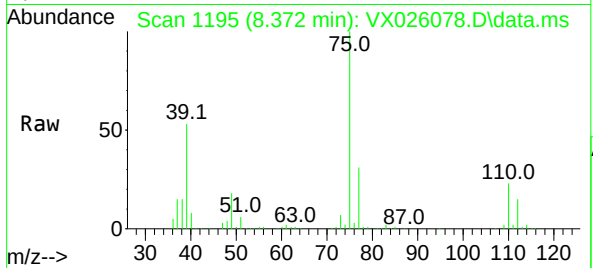
#39
 cis-1,3-Dichloropropene
 Concen: 66.864 ug/L
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.006 min
 Lab File: VX026078.D
 Acq: 27 Dec 2021 22:18

Instrument :

MSVOA_X

ClientSampleId :

GBC20MEMS

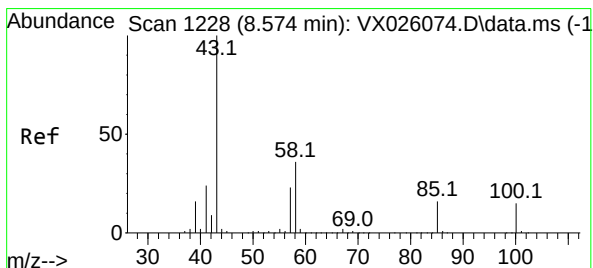
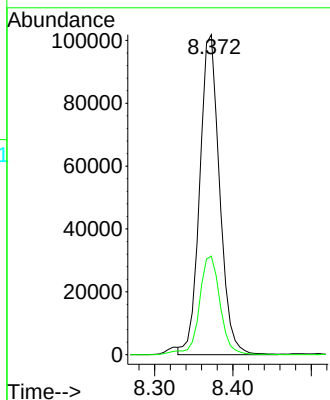
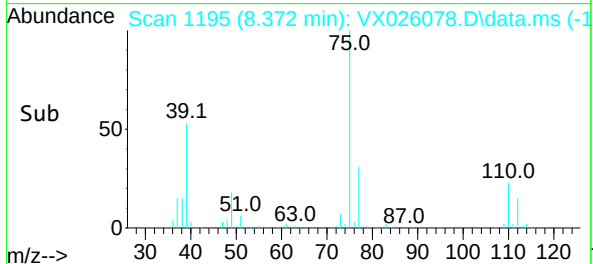


Tgt Ion: 75 Resp: 17896
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.3 41.3

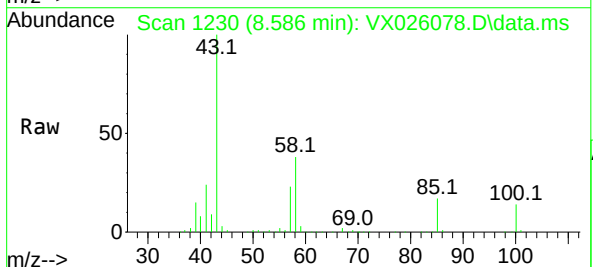
Manual Integrations

APPROVED

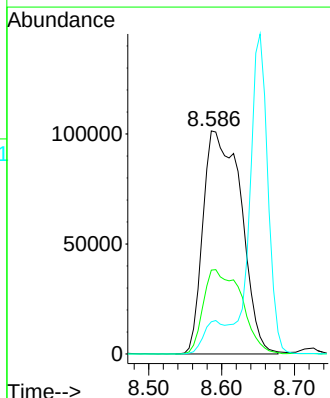
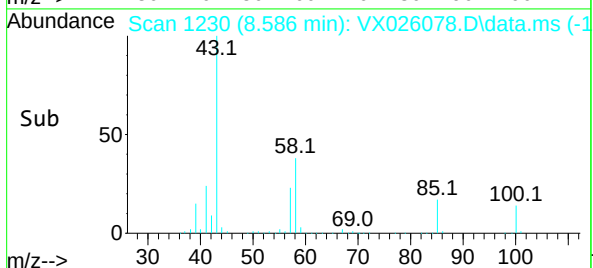
Reviewed By :John Carlone 12/28/2021
 Supervised By :Mahesh Dadoda 12/28/2021

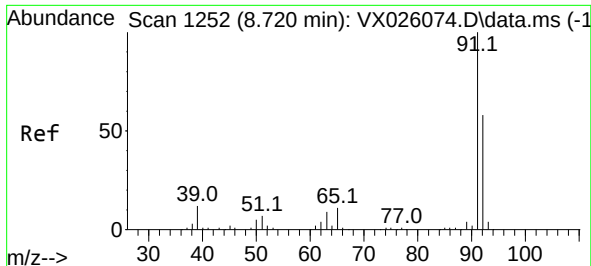


#40
 4-Methyl-2-pentanone
 Concen: 117.263 ug/L m
 RT: 8.586 min Scan# 1230
 Delta R.T. 0.012 min
 Lab File: VX026078.D
 Acq: 27 Dec 2021 22:18



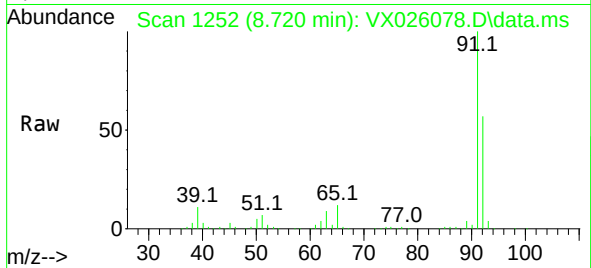
Tgt Ion: 43 Resp: 367206
 Ion Ratio Lower Upper
 43 100
 58 24.5 32.2 48.2#
 100 8.0 14.2 21.2#





#42
Toluene
Concen: 62.867 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

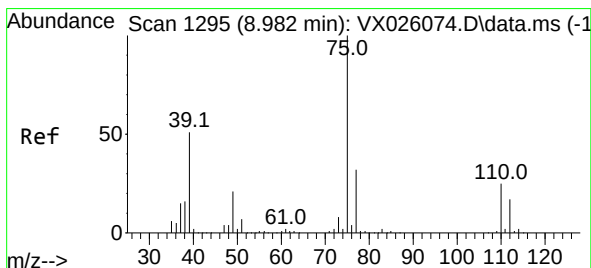
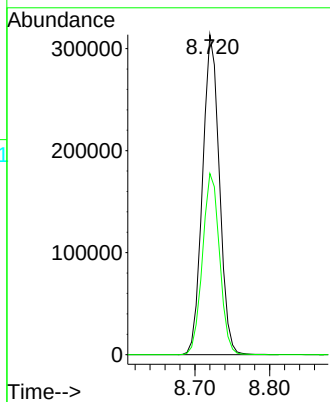
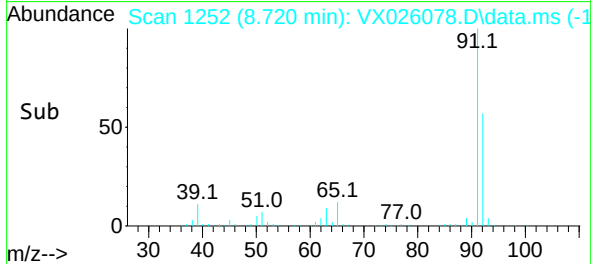
Instrument :
MSVOA_X
ClientSampleId :
GBC20MEMS



Tgt Ion: 91 Resp: 491295
Ion Ratio Lower Upper
91 100
92 56.6 41.2 76.6

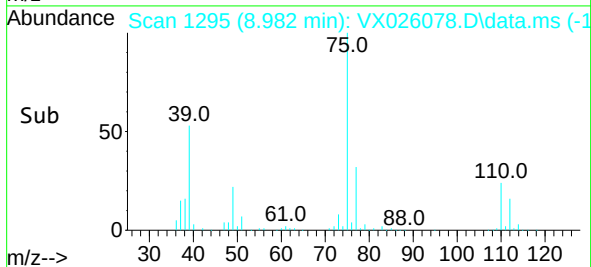
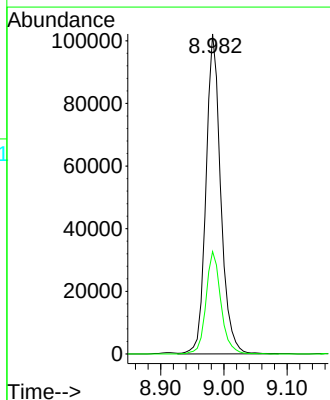
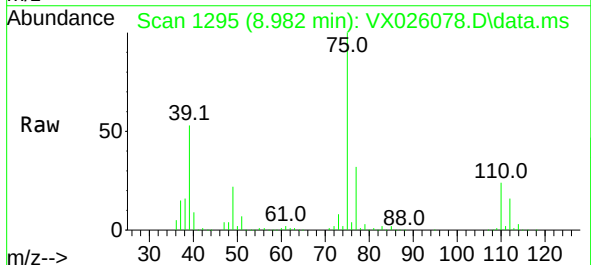
Manual Integrations
APPROVED

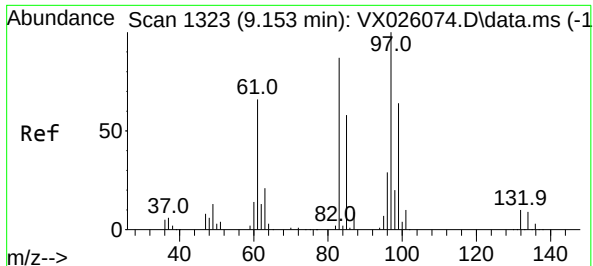
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#44
trans-1,3-Dichloropropene
Concen: 65.209 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Tgt Ion: 75 Resp: 165631
Ion Ratio Lower Upper
75 100
77 32.0 23.0 42.8





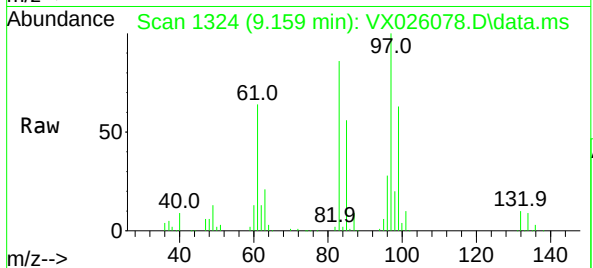
#45
1,1,2-Trichloroethane
Concen: 62.265 ug/L
RT: 9.159 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Instrument :

MSVOA_X

ClientSampleId :

GBC20MEMS



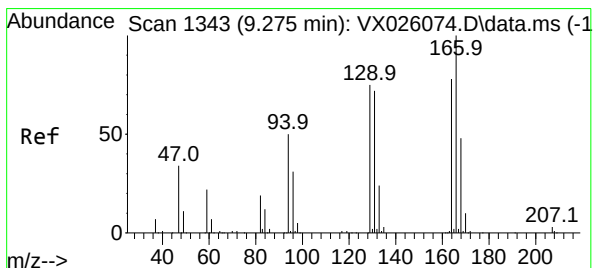
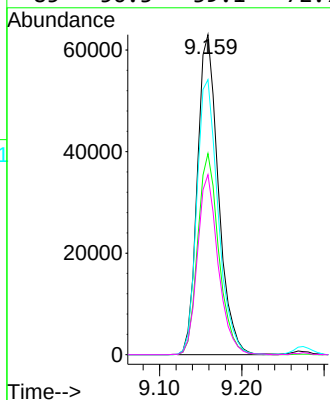
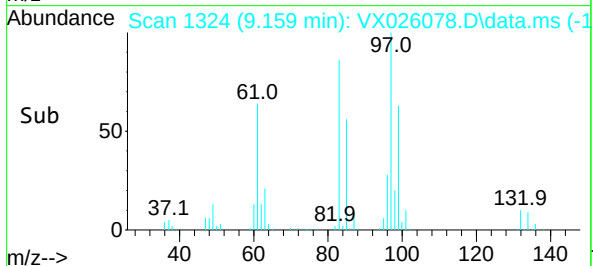
Tgt Ion: 97 Resp: 11202
Ion Ratio Lower Upper
97 100
99 62.9 46.0 85.4
83 85.9 59.6 110.8
85 56.3 39.1 72.7

Manual Integrations

APPROVED

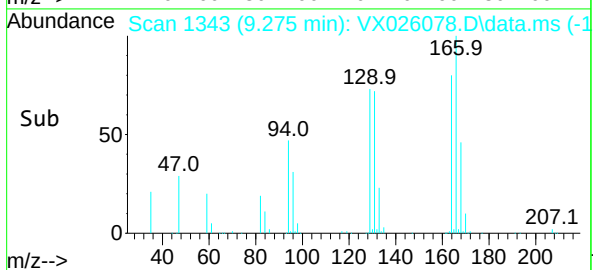
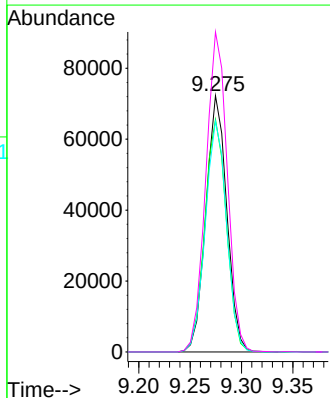
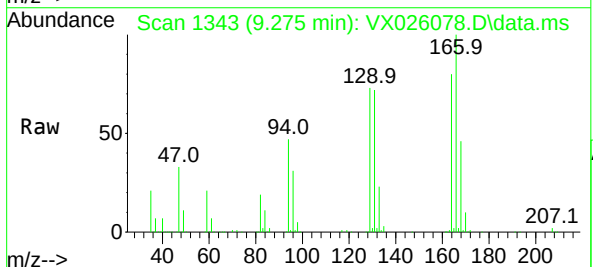
Reviewed By :John Carlone 12/28/2021

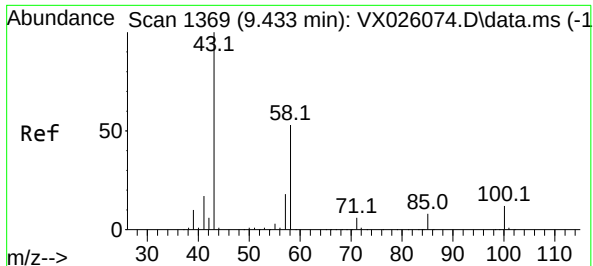
Supervised By :Mahesh Dadoda 12/28/2021



#46
Tetrachloroethene
Concen: 71.400 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Tgt Ion:164 Resp: 102246
Ion Ratio Lower Upper
164 100
129 90.7 64.7 120.1
131 90.1 63.2 117.4
166 124.8 90.1 167.3





#48

2-Hexanone

Concen: 122.928 ug/L

RT: 9.458 min Scan# 1373

Delta R.T. 0.024 min

Lab File: VX026078.D

Acq: 27 Dec 2021 22:18

Instrument :

MSVOA_X

ClientSampleId :

GBC20MEMS

Tgt Ion: 43 Resp: 292780

Ion Ratio Lower Upper

43 100

58 50.3 44.2 66.4

57 18.2 15.1 22.7

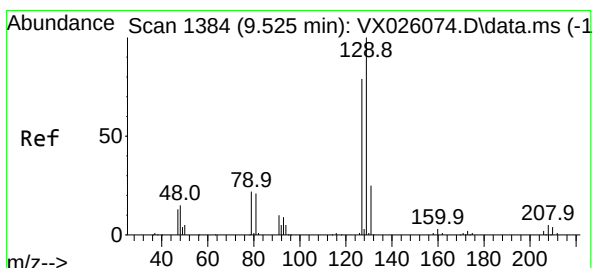
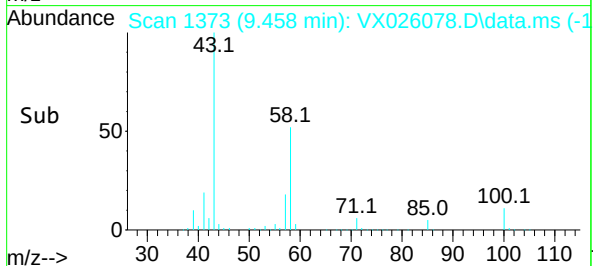
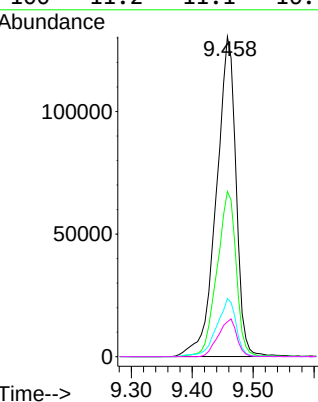
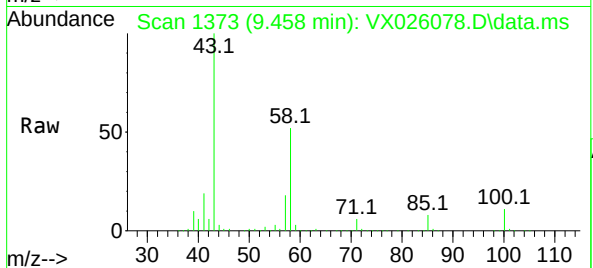
100 11.2 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#49

Dibromochloromethane

Concen: 64.669 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX026078.D

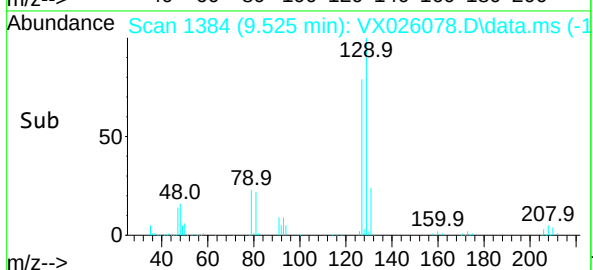
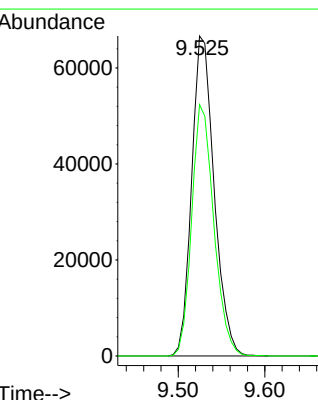
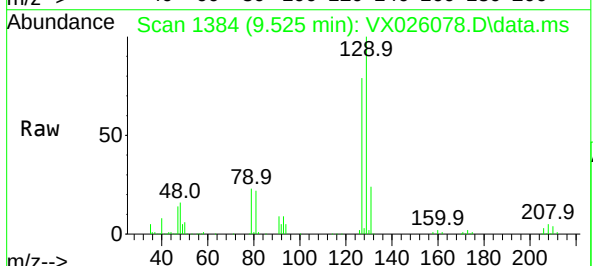
Acq: 27 Dec 2021 22:18

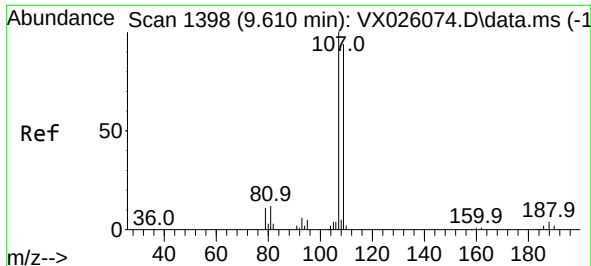
Tgt Ion:129 Resp: 120160

Ion Ratio Lower Upper

129 100

127 78.5 52.4 97.2





#50

1,2-Dibromoethane

Concen: 61.468 ug/L

RT: 9.616 min Scan# 118098

Delta R.T. 0.006 min

Lab File: VX026078.D

Acq: 27 Dec 2021 22:18

Instrument :

MSVOA_X

ClientSampleId :

GBC20MEMS

Tgt Ion:107 Resp: 118098

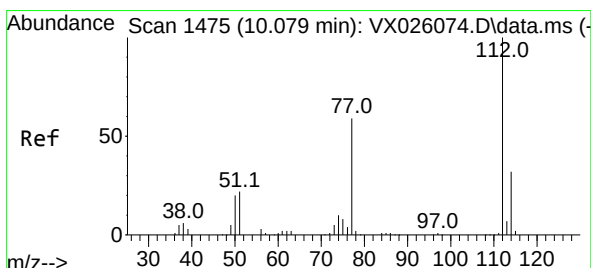
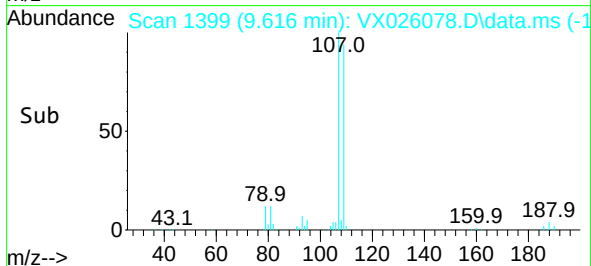
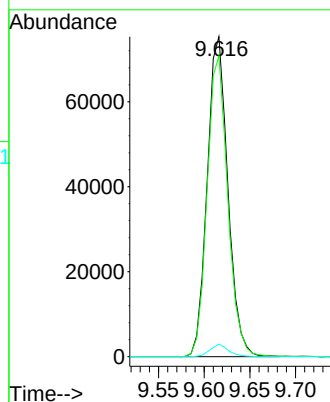
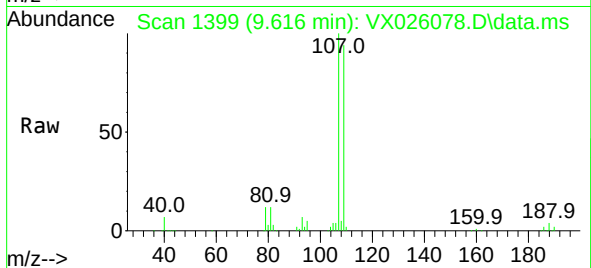
Ion	Ratio	Lower	Upper
107	100		
109	94.0	65.3	121.3
188	3.9	2.9	4.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#51

Chlorobenzene

Concen: 61.691 ug/L

RT: 10.086 min Scan# 1476

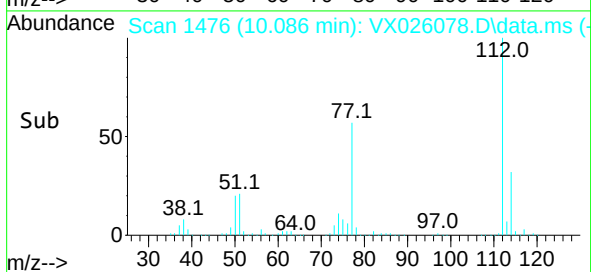
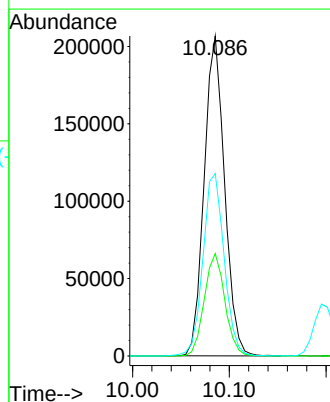
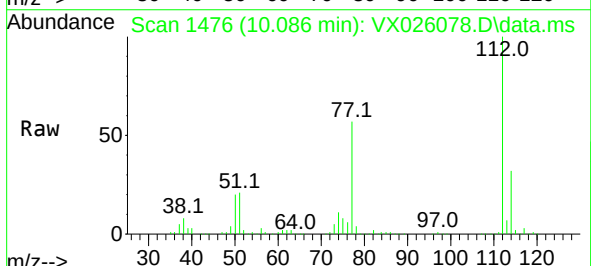
Delta R.T. 0.006 min

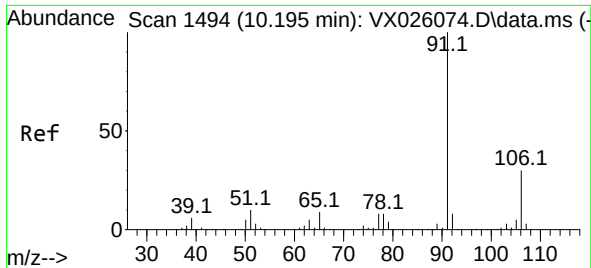
Lab File: VX026078.D

Acq: 27 Dec 2021 22:18

Tgt Ion:112 Resp: 303463

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.9
77	57.0	44.5	66.7





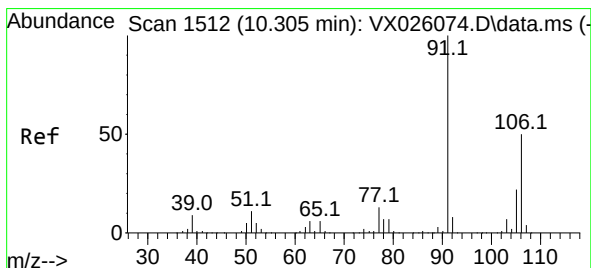
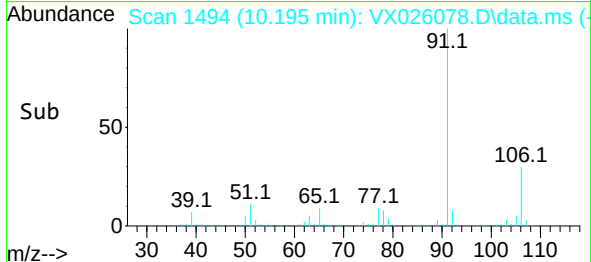
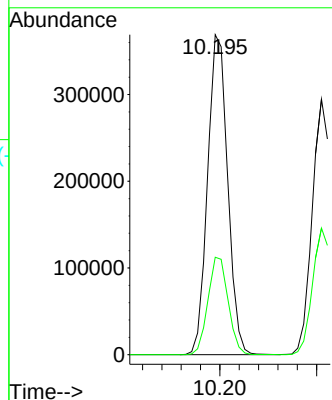
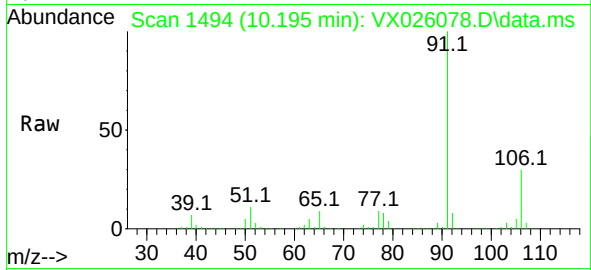
#52
Ethylbenzene
Concen: 62.829 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Instrument :
MSVOA_X
ClientSampleId :
GBC20MEMS

Tgt Ion: 91 Resp: 53251
Ion Ratio Lower Upper
91 100
106 30.5 23.1 42.9

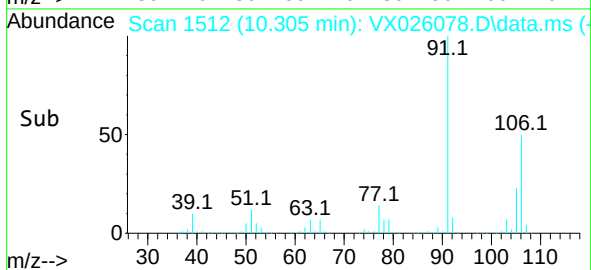
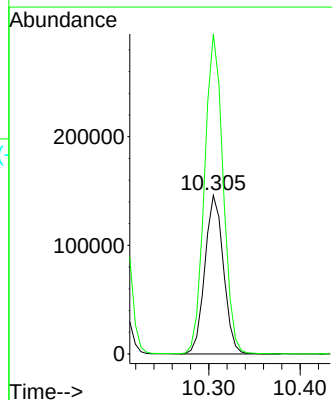
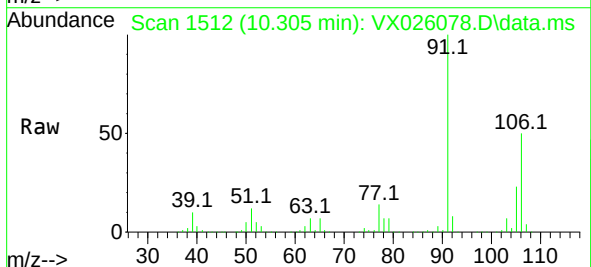
Manual Integrations
APPROVED

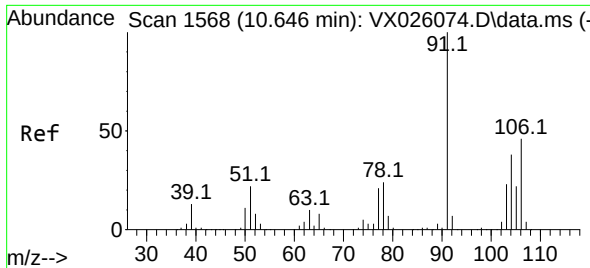
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#53
m,p-Xylene
Concen: 63.830 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Tgt Ion:106 Resp: 206517
Ion Ratio Lower Upper
106 100
91 201.7 136.8 254.2





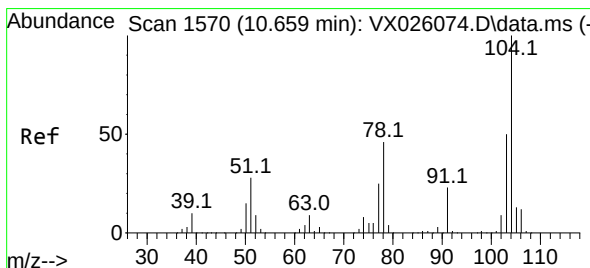
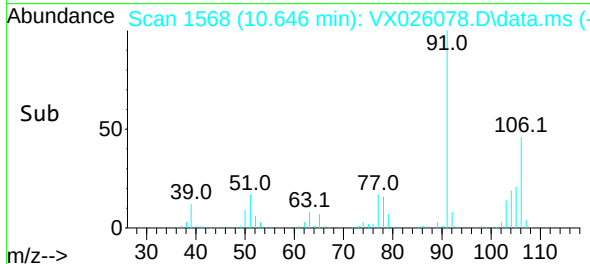
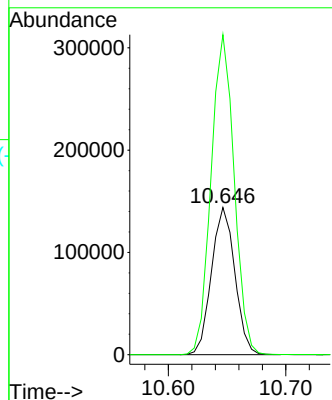
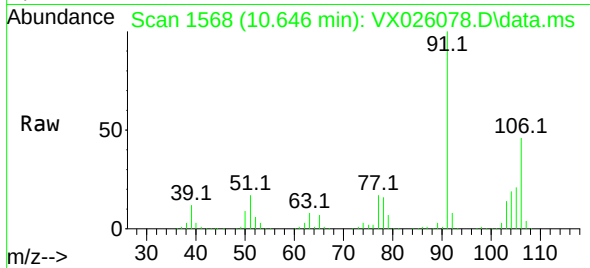
#54
o-Xylene
Concen: 62.267 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Instrument :
MSVOA_X
ClientSampleId :
GBC20MEMS

Tgt Ion:106 Resp: 19955
Ion Ratio Lower Upper
106 100
91 217.4 140.5 260.9

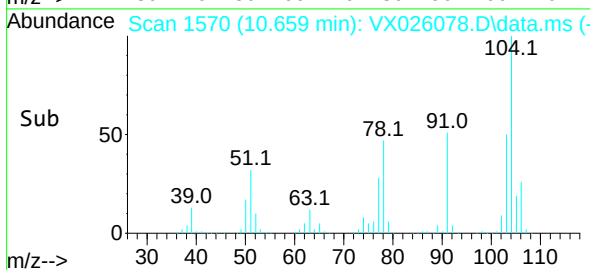
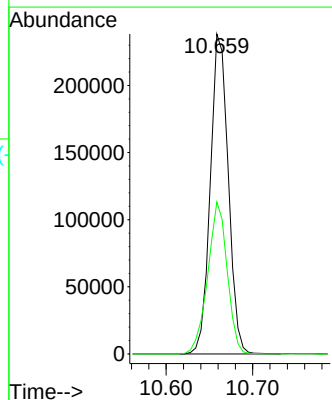
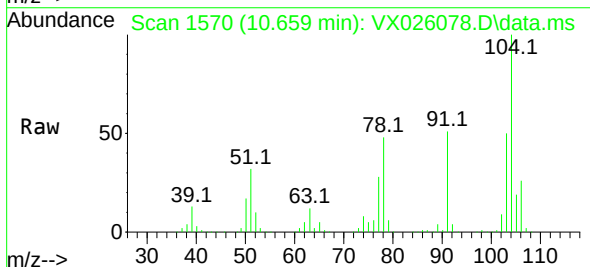
Manual Integrations
APPROVED

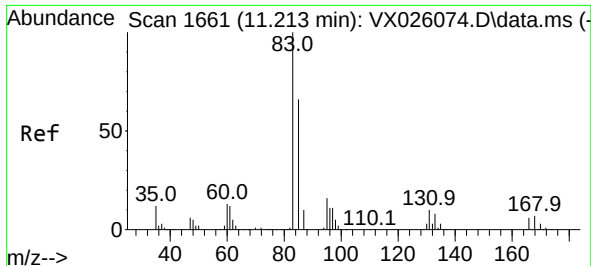
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#55
Styrene
Concen: 63.430 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Tgt Ion:104 Resp: 343165
Ion Ratio Lower Upper
104 100
78 47.5 28.6 53.0





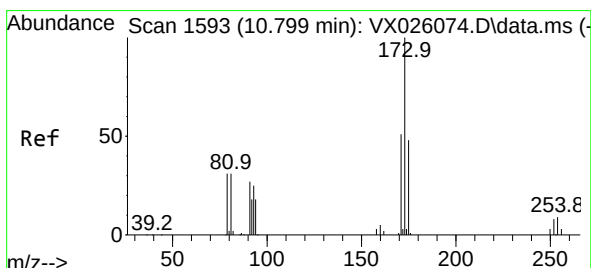
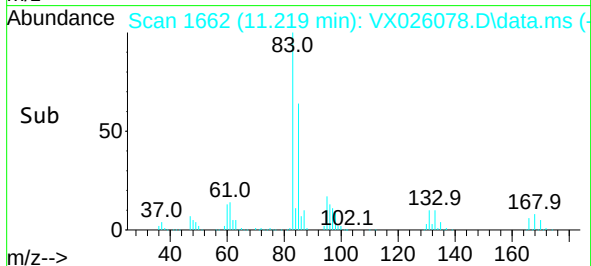
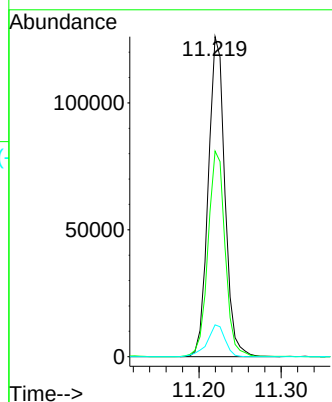
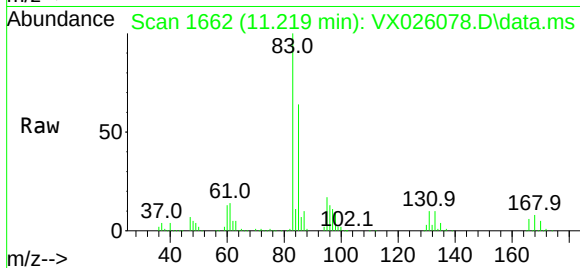
#57
1,1,2,2-Tetrachloroethane
Concen: 58.441 ug/L
RT: 11.219 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Instrument :
MSVOA_X
ClientSampleId :
GBC20MEMS

Tgt Ion: 83 Resp: 176680
Ion Ratio Lower Upper
83 100
85 64.2 47.0 87.2
131 9.9 8.5 12.7

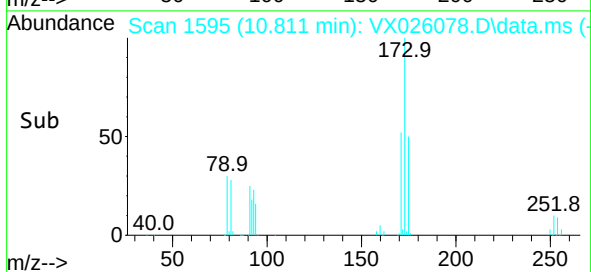
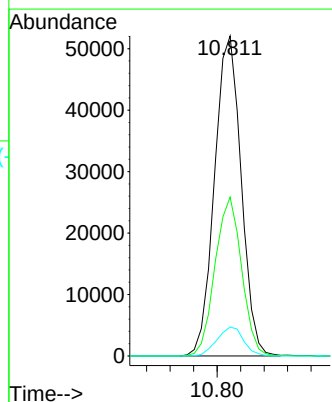
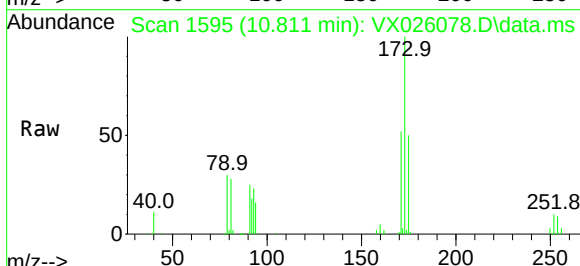
Manual Integrations
APPROVED

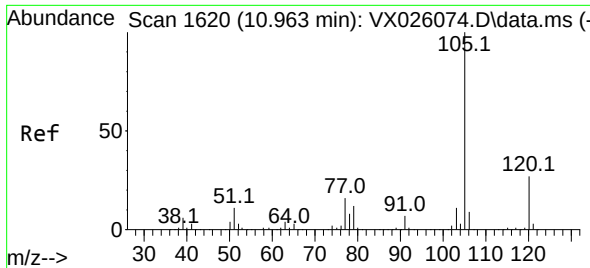
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021



#59
Bromoform
Concen: 64.604 ug/L
RT: 10.811 min Scan# 1595
Delta R.T. 0.012 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

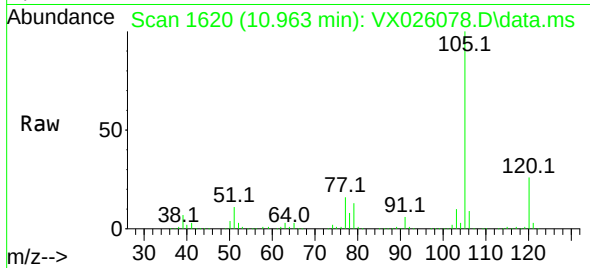
Tgt Ion:173 Resp: 81960
Ion Ratio Lower Upper
173 100
175 49.4 38.6 58.0
254 9.0 7.7 11.5





#60
Isopropylbenzene
Concen: 62.644 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

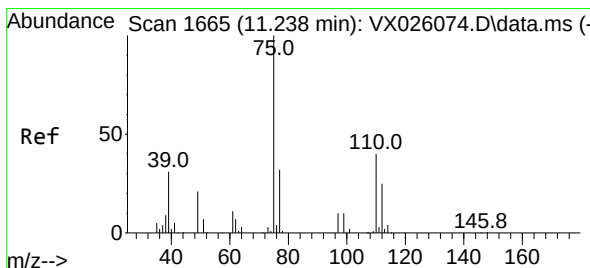
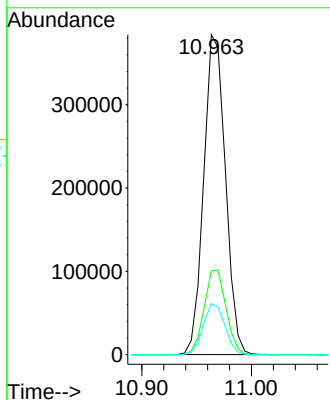
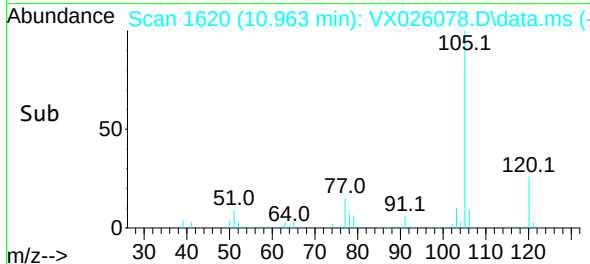
Instrument :
MSVOA_X
ClientSampleId :
GBC20MEMS



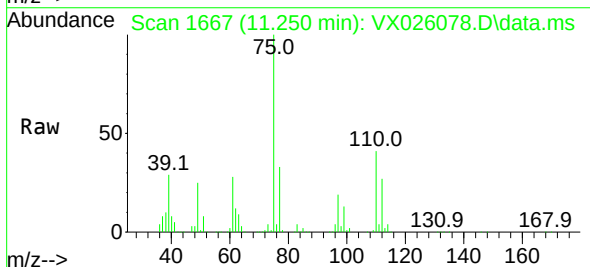
Tgt Ion:105 Resp: 52868
Ion Ratio Lower Upper
105 100
120 26.7 22.3 33.5
77 16.0 11.5 17.3

Manual Integrations
APPROVED

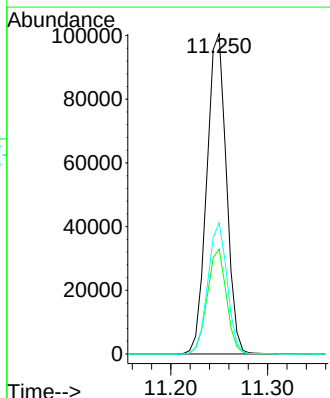
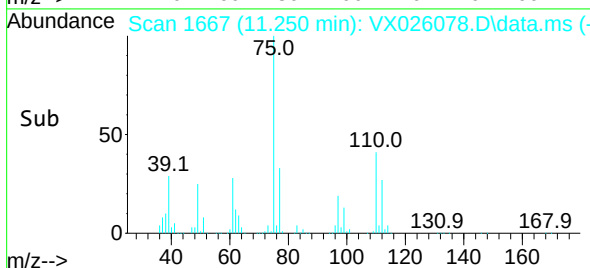
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

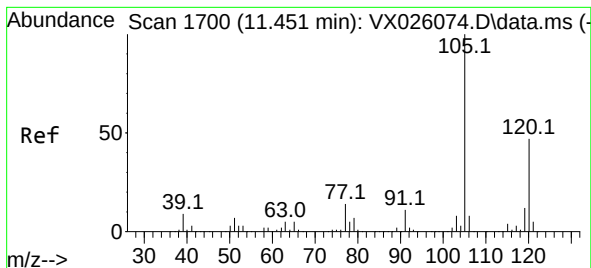


#61
1,2,3-Trichloropropane
Concen: 57.788 ug/L
RT: 11.250 min Scan# 1667
Delta R.T. 0.012 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18



Tgt Ion: 75 Resp: 141837
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8
110 40.1 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 62.989 ug/L

RT: 11.457 min Scan# 1700

Delta R.T. 0.006 min

Lab File: VX026078.D

Acq: 27 Dec 2021 22:18

Instrument :

MSVOA_X

ClientSampleId :

GBC20MEMS

Tgt Ion:105 Resp: 445100

Ion Ratio Lower Upper

105 100

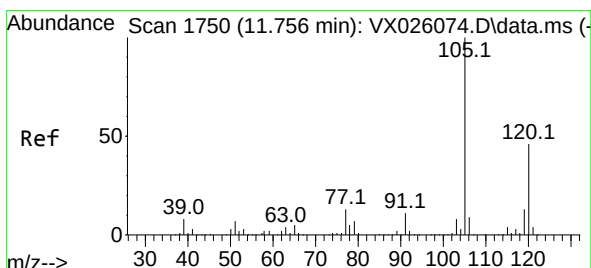
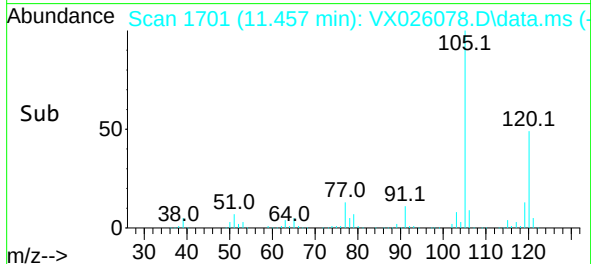
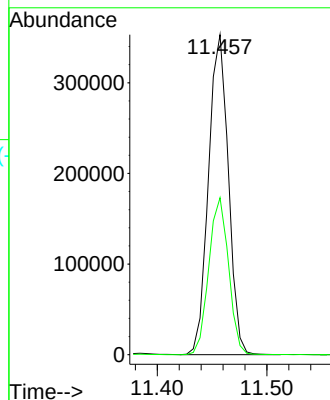
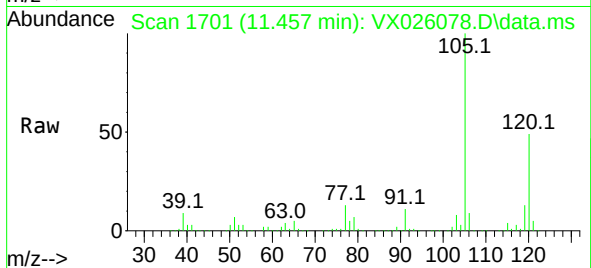
120 48.8 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#63

1,2,4-Trimethylbenzene

Concen: 63.326 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX026078.D

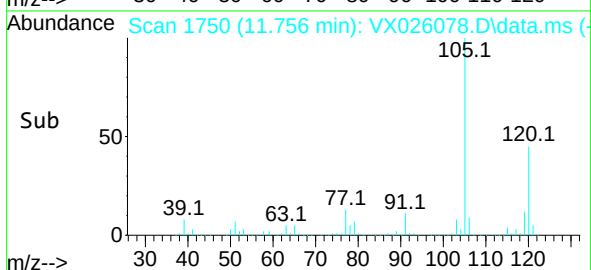
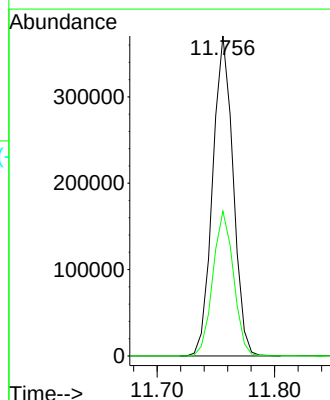
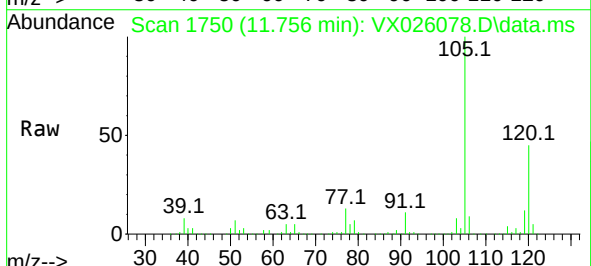
Acq: 27 Dec 2021 22:18

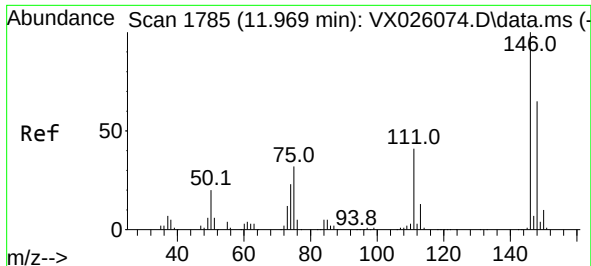
Tgt Ion:105 Resp: 448288

Ion Ratio Lower Upper

105 100

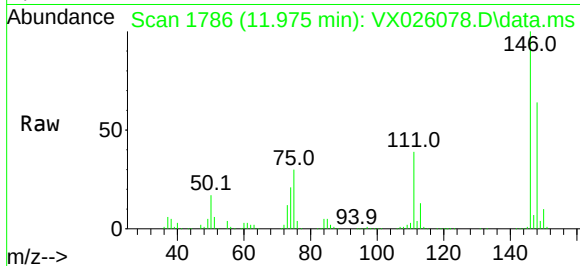
120 45.3 0.1 0.1#





#64
1,3-Dichlorobenzene
Concen: 62.338 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

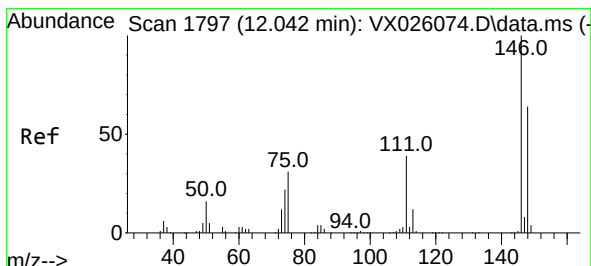
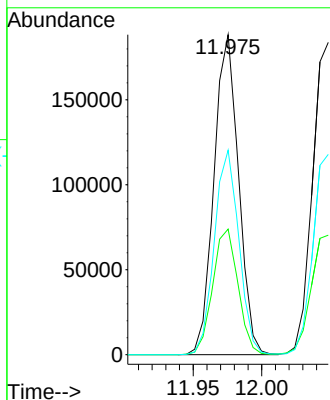
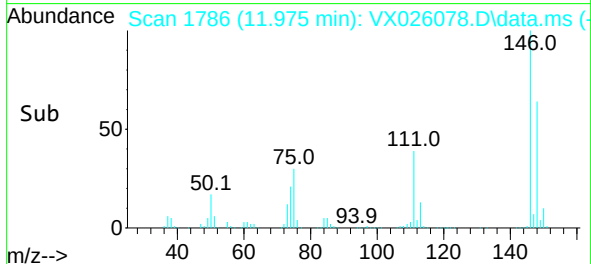
Instrument :
MSVOA_X
ClientSampleId :
GBC20MEMS



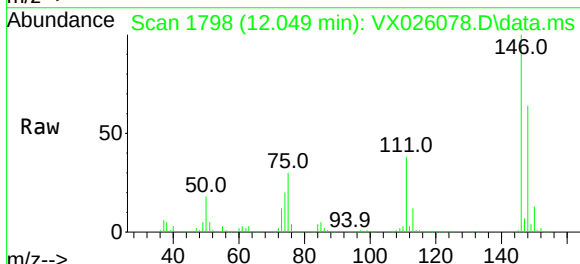
Tgt Ion:146 Resp: 234744
Ion Ratio Lower Upper
146 100
111 39.2 27.6 51.2
148 63.9 45.2 84.0

Manual Integrations
APPROVED

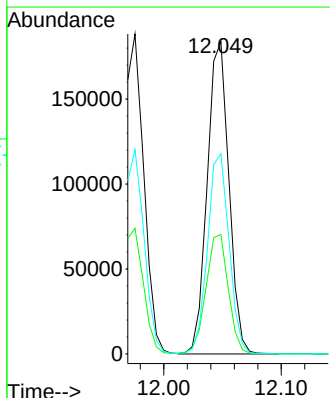
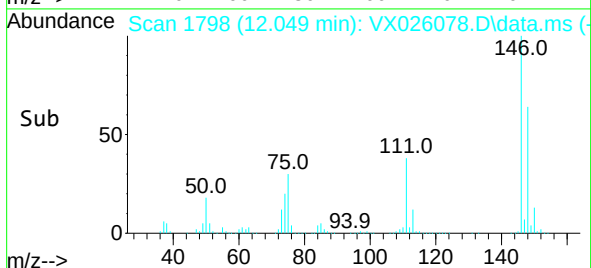
Reviewed By :John Carlone 12/28/2021
Supervised By :Mahesh Dadoda 12/28/2021

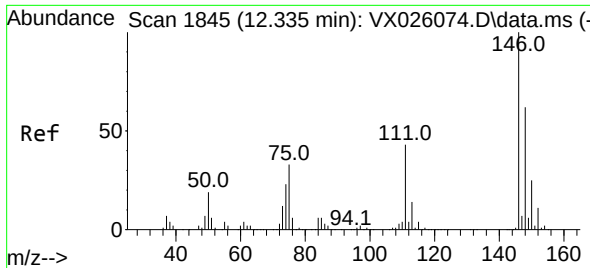


#65
1,4-Dichlorobenzene
Concen: 62.322 ug/L
RT: 12.049 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18



Tgt Ion:146 Resp: 236279
Ion Ratio Lower Upper
146 100
111 38.2 26.5 49.3
148 64.1 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 62.566 ug/L

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX026078.D

Acq: 27 Dec 2021 22:18

Instrument :

MSVOA_X

ClientSampleId :

GBC20MEMS

Tgt Ion:146 Resp: 232945

Ion Ratio Lower Upper

146 100

111 41.6 32.3 48.5

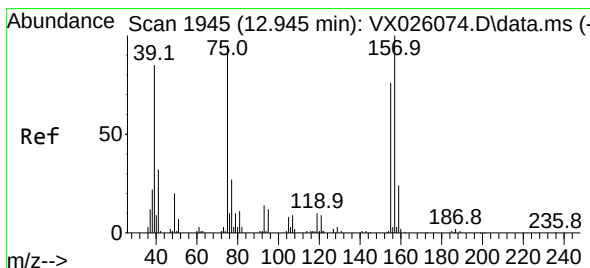
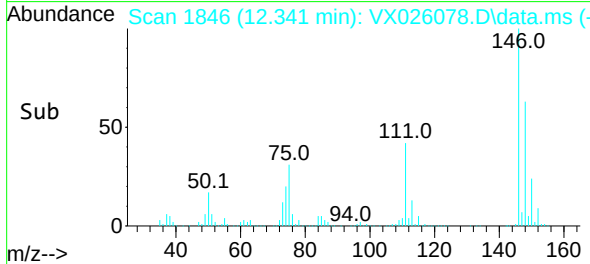
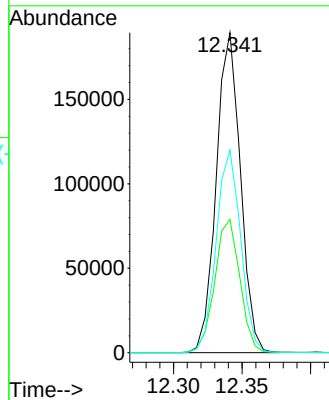
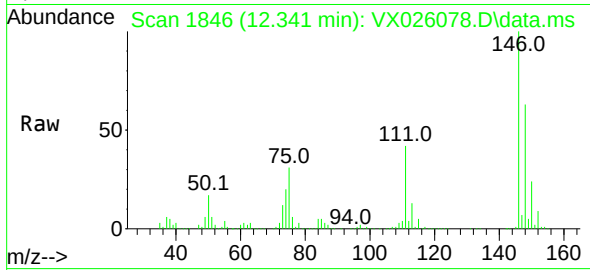
148 63.3 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Mahesh Dadoda 12/28/2021



#68

1,2-Dibromo-3-chloropropane

Concen: 59.275 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX026078.D

Acq: 27 Dec 2021 22:18

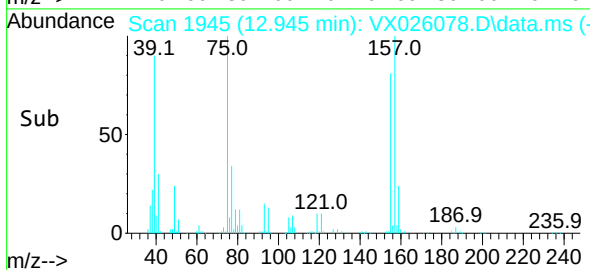
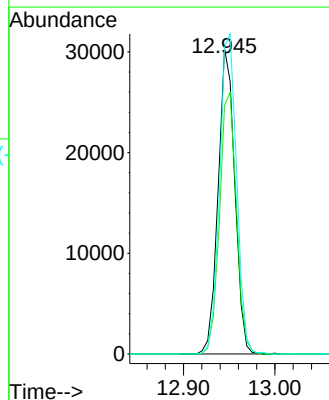
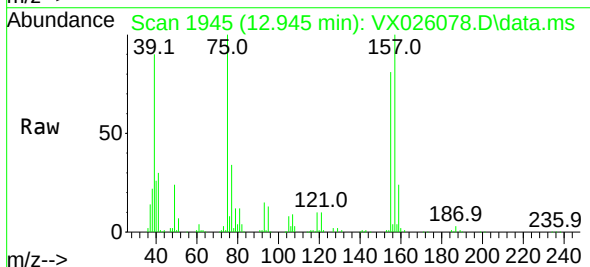
Tgt Ion: 75 Resp: 38330

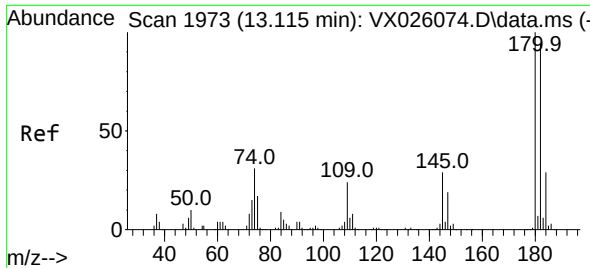
Ion Ratio Lower Upper

75 100

155 81.2 79.4 119.2

157 100.3 100.4 150.6#





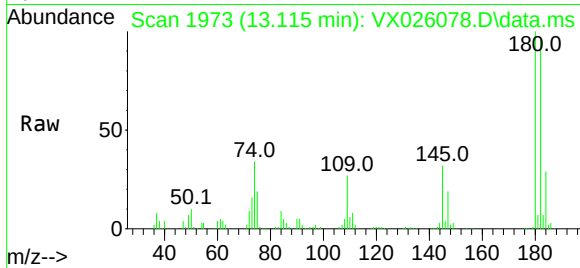
#69
1,3,5-Trichlorobenzene
Concen: 64.447 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18

Instrument :

MSVOA_X

ClientSampleId :

GBC20MEMS



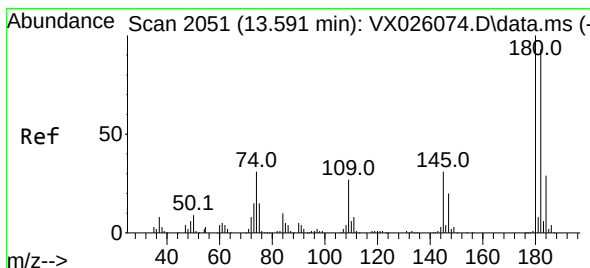
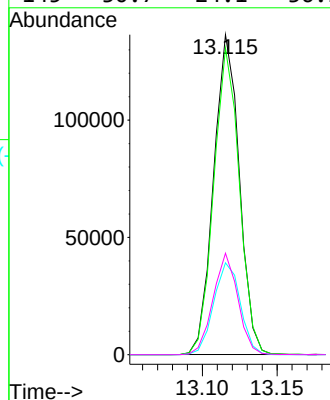
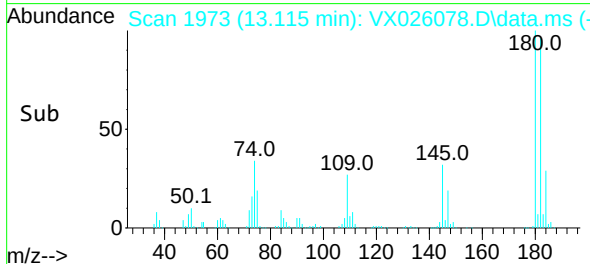
Tgt Ion:180 Resp: 162918
Ion Ratio Lower Upper
180 100
182 95.5 75.3 112.9
184 29.7 24.6 37.0
145 30.7 24.1 36.1

Manual Integrations

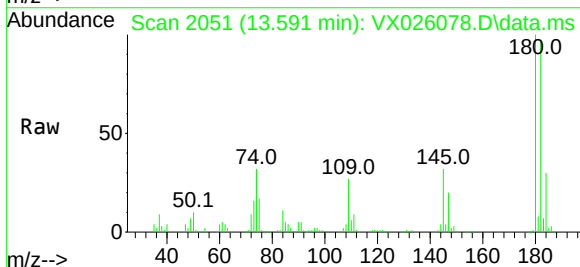
APPROVED

Reviewed By :John Carlone 12/28/2021

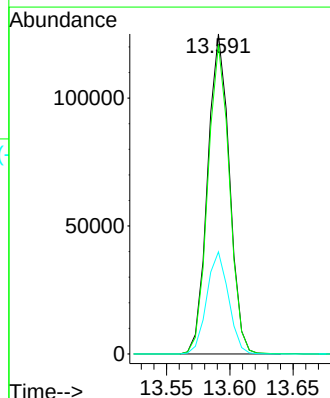
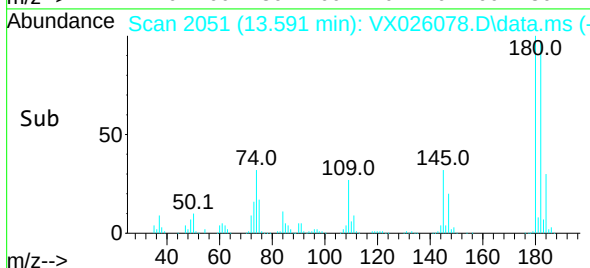
Supervised By :Mahesh Dadoda 12/28/2021

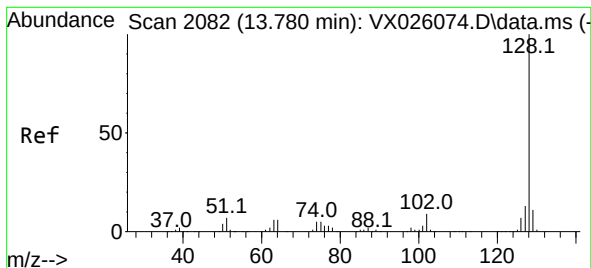


#70
1,2,4-trichlorobenzene
Concen: 66.552 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX026078.D
Acq: 27 Dec 2021 22:18



Tgt Ion:180 Resp: 149824
Ion Ratio Lower Upper
180 100
182 95.2 78.2 117.4
145 31.7 24.7 37.1





#71

Naphthalene

Concen: 65.159 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX026078.D

Acq: 27 Dec 2021 22:18

Instrument :

MSVOA_X

ClientSampleId :

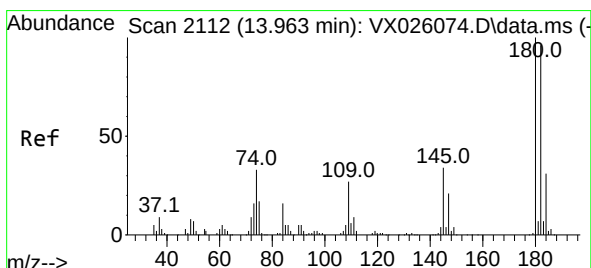
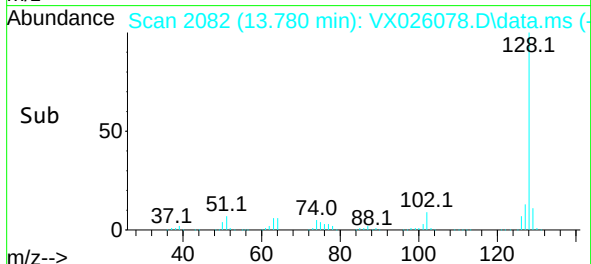
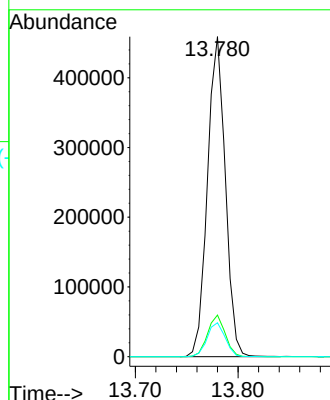
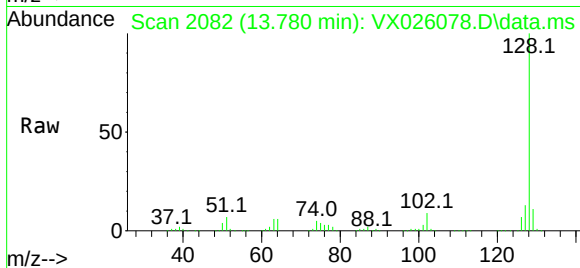
GBC20MEMS

Tgt Ion:128 Resp: 554534
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.1 15.1
 129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021
 Supervised By :Mahesh Dadoda 12/28/2021



#72

1,2,3-Trichlorobenzene

Concen: 65.317 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX026078.D

Acq: 27 Dec 2021 22:18

Tgt Ion:180 Resp: 151853
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.2 112.8
 145 33.0 25.8 38.6

