

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092722\
 Data File : VN074625.D
 Acq On : 27 Sep 2022 13:17
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 28 07:20:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:17:56 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/28/2022
 Supervised By : Mahesh Dadoda 09/28/2022

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

Internal Standards						
1) Bromochloromethane	7.492	128	155126	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.827	114	878769	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.621	117	834727	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.286	65	432657	29.580	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.600%		
60) 4-Bromofluorobenzene	12.610	95	519425	32.035	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	106.800%		
63) Toluene-d8	10.310	98	1411487	29.979	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.933%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.998	85	830239	91.071	ug/l	98
3) Chloromethane	2.216	50	1221346	91.229	ug/l	100
4) Vinyl Chloride	2.351	62	1615293	94.244	ug/l	98
5) Bromomethane	2.716	94	857189	77.585	ug/l	91
6) Chloroethane	2.875	64	1096167	90.481	ug/l	93
7) Trichlorofluoromethane	3.228	101	1472144	92.477	ug/l	97
8) Diethyl Ether	3.675	74	757532	90.223	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.039	101	940141	93.395	ug/l	97
10) 1,1-Dichloroethene	4.016	96	953147	90.841	ug/l	94
11) Methyl Iodide	4.251	142	1290288	95.732	ug/l	95
12) Methyl Acetate	4.663	43	2138493	94.918	ug/l	99
13) Acrolein	3.887	56	879536	479.477	ug/l	100
14) Acrylonitrile	5.357	53	4444911	486.861	ug/l	99
15) Acetone	4.122	58	1102089	468.872	ug/l	99
16) Carbon Disulfide	4.357	76	2773915	93.795	ug/l	100
17) Allyl chloride	4.651	41	2058733	95.705	ug/l	96
18) Methylene Chloride	4.892	84	1237061	92.214	ug/l	94
19) trans-1,2-Dichloroethene	5.404	96	1104787	92.762	ug/l	97
20) Diisopropyl ether	6.304	45	4502759	95.928	ug/l	99
21) 1,1-Dichloroethane	6.192	63	2260232	95.348	ug/l	100
22) cis-1,2-Dichloroethene	7.151	96	1327641	91.845	ug/l	100
23) tert-Butyl Alcohol	5.175	59	1726732	458.962	ug/l #	100
24) Methyl tert-Butyl Ether	5.416	73	4218545	96.745	ug/l	97
25) Chloroform	7.657	83	2243358	95.464	ug/l	97
26) Cyclohexane	7.933	56	2006413	94.126	ug/l #	97
29) 1,1-Dichloropropene	8.063	75	1621248	98.776	ug/l	97
30) 2-Butanone	7.163	43	6155780	491.575	ug/l	100
31) 2,2-Dichloropropane	7.151	77	1906074	96.909	ug/l	99
32) 1,1,1-Trichloroethane	7.851	97	1894454	97.704	ug/l	96
33) Carbon Tetrachloride	8.051	117	1620314	99.914	ug/l	97
34) Benzene	8.310	78	5277621	97.129	ug/l #	90
35) Methacrylonitrile	7.480	41	1190634	99.939	ug/l	87
36) 1,2-Dichloroethane	8.386	62	1779795	100.310	ug/l	99
37) Trichloroethene	9.074	130	1149556	99.633	ug/l	91
38) Methylcyclohexane	9.322	83	2045050	96.267	ug/l	99
39) 1,2-Dichloropropane	9.357	63	1401389	97.411	ug/l	97
40) Dibromomethane	9.439	93	921131	99.232	ug/l	98
41) Bromodichloromethane	9.627	83	1840387	99.737	ug/l #	97
42) Vinyl Acetate	6.239	43	20469740	503.035	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.245	43	2382401	98.229	ug/l	98
44) Isopropyl Acetate	8.416	43	3927084	99.709	ug/l	99
45) 1,4-Dioxane	9.433	88	647612	1926.854	ug/l	99
46) Methyl methacrylate	9.427	41	1659200	101.147	ug/l	99
47) n-amyl Acetate	12.268	43	3845756	106.684	ug/l	98
48) t-1,3-Dichloropropene	10.592	75	2268908	101.287	ug/l	97
49) cis-1,3-Dichloropropene	10.063	75	2314232	99.280	ug/l	94
50) 1,1,2-Trichloroethane	10.774	97	1336979	99.068	ug/l	96
51) Ethyl methacrylate	10.639	69	2545270	100.583	ug/l	97
52) 1,3-Dichloropropane	10.921	76	2363062	98.792	ug/l	99
53) Dibromochloromethane	11.116	129	1458661	102.269	ug/l	95
54) 1,2-Dibromoethane	11.221	107	1419310	101.660	ug/l	99
55) 2-Chloroethyl vinyl ether	9.916	63	5029691	512.169	ug/l	99
56) Bromoform	12.333	173	1196193	107.296	ug/l	99
58) 4-Methyl-2-Pentanone	10.204	43	13004347	502.011	ug/l	99
59) 2-Hexanone	10.963	43	10057138	501.263	ug/l	100
61) Tetrachloroethene	10.851	164	904140	97.099	ug/l	97
62) Toluene	10.374	91	6168936	100.927	ug/l	100
64) Chlorobenzene	11.645	112	3498851	99.899	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.715	131	1318908	100.225	ug/l	99
66) Ethyl Benzene	11.721	91	6463145	99.576	ug/l	97
67) m/p-Xylenes	11.833	106	5505607	211.263	ug/l	99
68) o-Xylene	12.157	106	2798647	105.477	ug/l	97
69) Styrene	12.174	104	5028223	112.642	ug/l	99
70) Isopropylbenzene	12.457	105	7352474	108.613	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.704	83	2386601	99.318	ug/l	97
72) 1,2,3-Trichloropropane	12.762	75	1903639m	65.539	ug/l	
73) Bromobenzene	12.739	156	1438891	105.788	ug/l	98
74) n-propylbenzene	12.798	91	8167791	107.080	ug/l	100
75) 2-Chlorotoluene	12.880	91	4950907	107.000	ug/l	99
76) 1,3,5-Trimethylbenzene	12.939	105	6485526	113.627	ug/l	100
77) t-1,4-Dichloro-2-butene	12.504	75	1019070	108.156	ug/l	97
78) 4-Chlorotoluene	12.980	91	5326836	114.876	ug/l	99
79) tert-butylbenzene	13.204	119	5404202	108.219	ug/l	98
80) 1,2,4-Trimethylbenzene	13.245	105	6440072	114.237	ug/l	100
81) sec-Butylbenzene	13.380	105	8072901	114.253	ug/l	99
82) p-Isopropyltoluene	13.492	119	6851678	117.815	ug/l	99
83) 1,3-Dichlorobenzene	13.492	146	3287042	117.594	ug/l	98
84) 1,4-Dichlorobenzene	13.568	146	3253306	117.019	ug/l	99
85) n-Butylbenzene	13.821	91	5628939	113.448	ug/l	98
86) Hexachloroethane	14.086	117	1158026	103.376	ug/l	97
87) 1,2-Dichlorobenzene	13.862	146	3309788	115.757	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.480	75	527573	104.832	ug/l	98
89) 1,2,4-Trichlorobenzene	15.127	180	1297524	108.801	ug/l	98
90) Hexachlorobutadiene	15.233	225	559338	106.451	ug/l	98
91) Naphthalene	15.362	128	5443072	108.791	ug/l	99
92) 1,2,3-Trichlorobenzene	15.556	180	1291638	108.039	ug/l	99

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

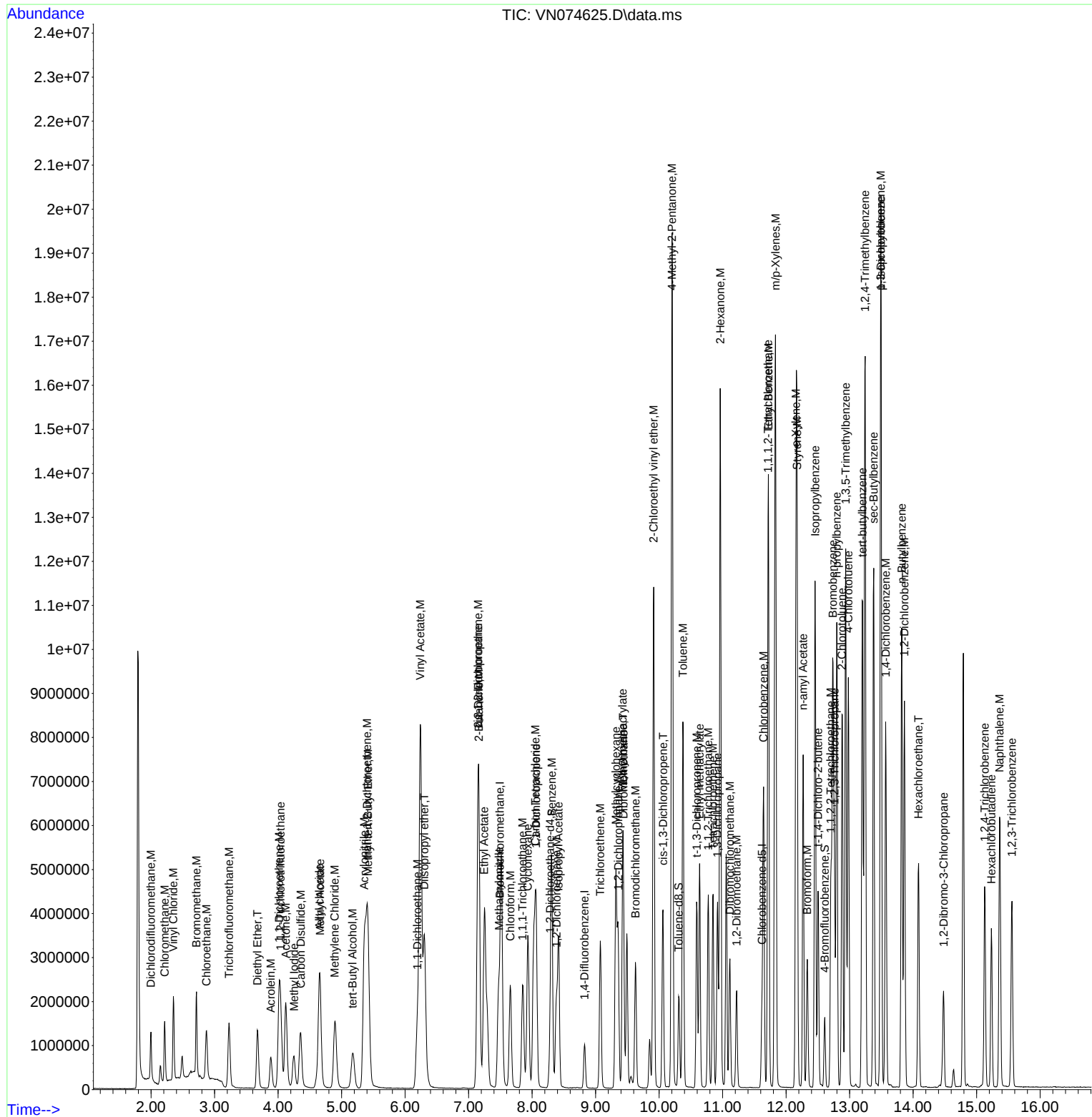
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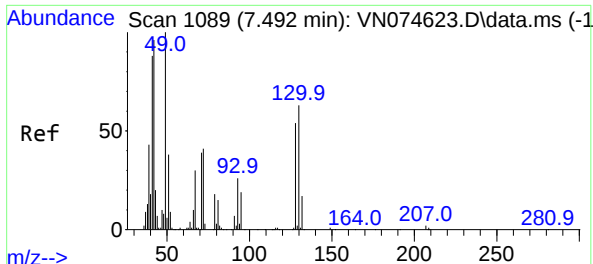
Instrument :
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 ClientSampleId :
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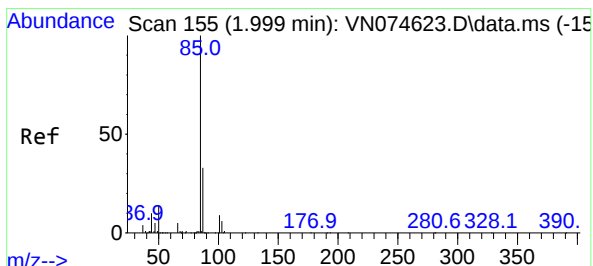
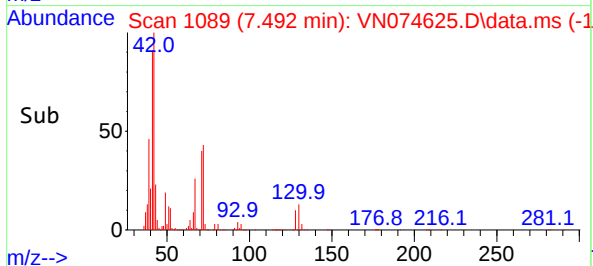
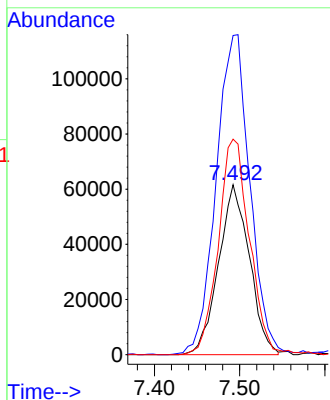
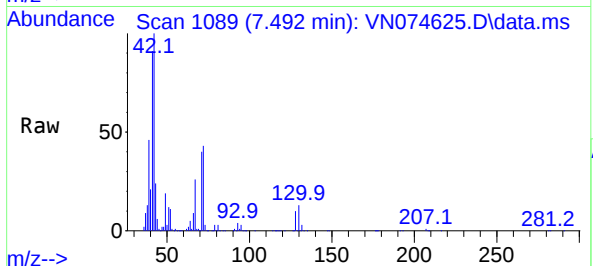
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.492 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 155120
Ion Ratio Lower Upper
128 100
49 205.8 0.0 492.0
130 127.5 0.0 313.3

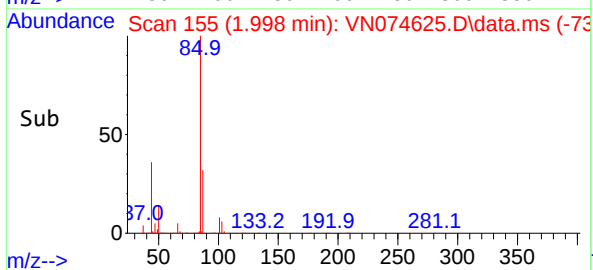
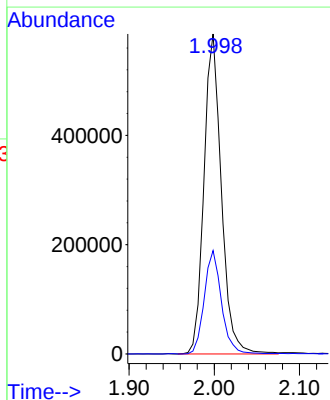
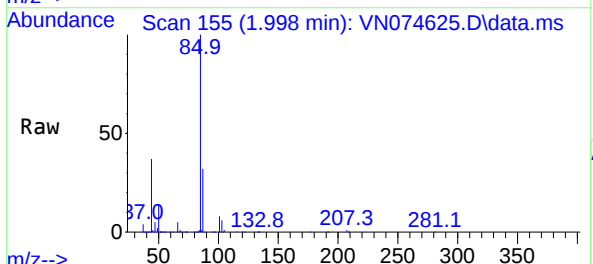
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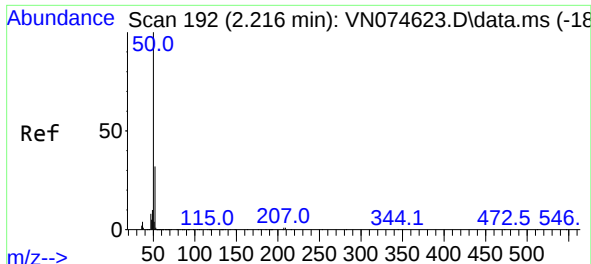
Reviewed By :John Carlone 09/28/2022
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#2
Dichlorodifluoromethane
Concen: 91.071 ug/l
RT: 1.998 min Scan# 155
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

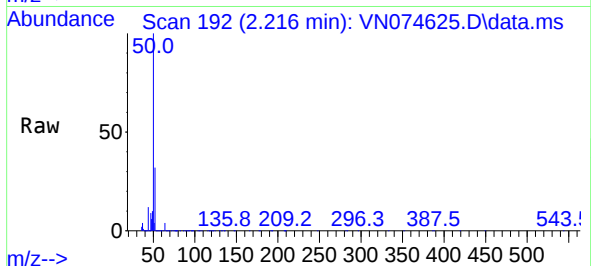
Tgt Ion: 85 Resp: 830239
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.1





#3
Chloromethane
Concen: 91.229 ug/l
RT: 2.216 min Scan# 192
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

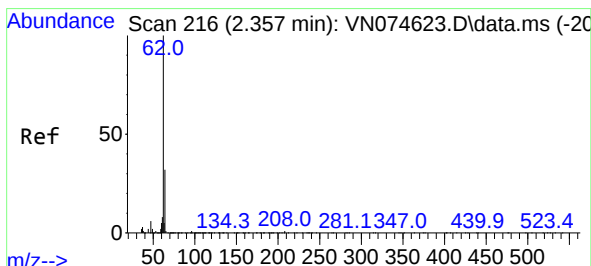
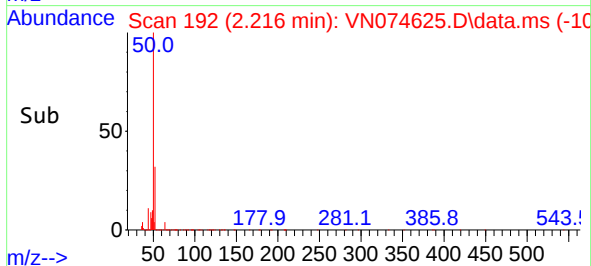
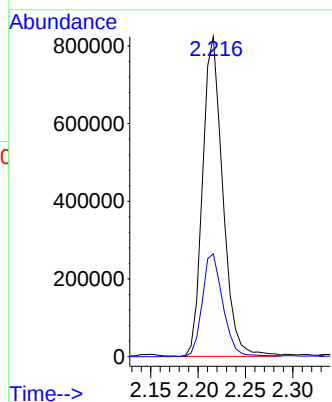
Instrument :
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VSTDIC100



Tgt Ion: 50 Resp: 1221340
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

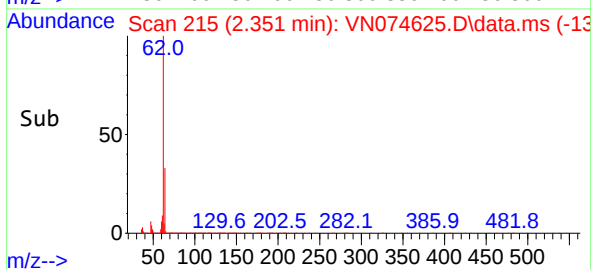
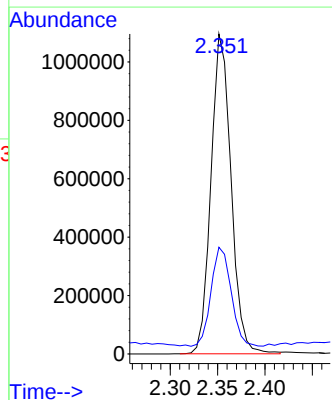
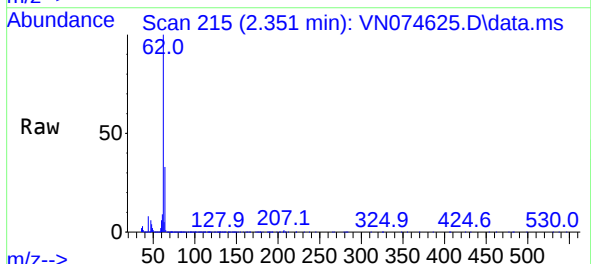
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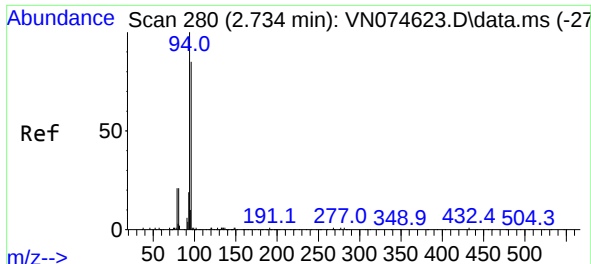
Reviewed By :John Carlone 09/28/2022
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#4
Vinyl Chloride
Concen: 94.244 ug/l
RT: 2.351 min Scan# 215
Delta R.T. -0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

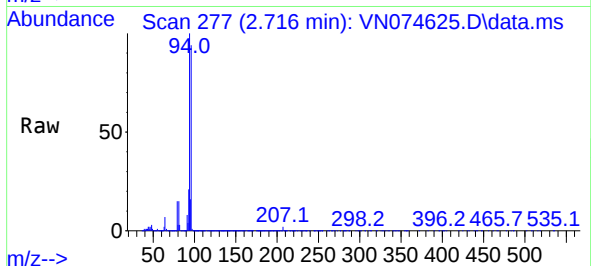
Tgt Ion: 62 Resp: 1615293
Ion Ratio Lower Upper
62 100
64 30.9 25.6 38.4





#5
Bromomethane
Concen: 77.585 ug/l
RT: 2.716 min Scan# 21
Delta R.T. -0.018 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

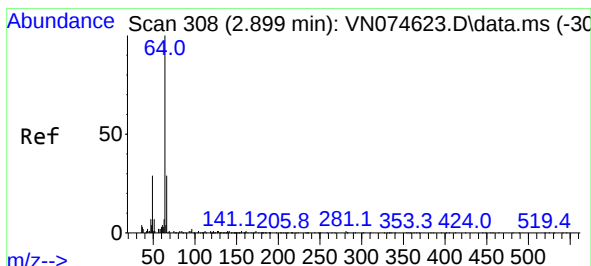
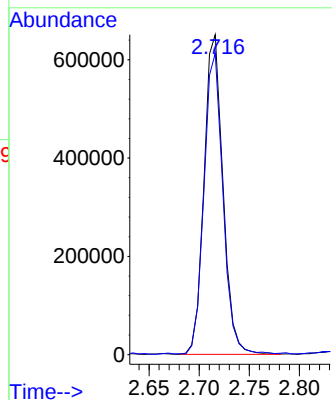
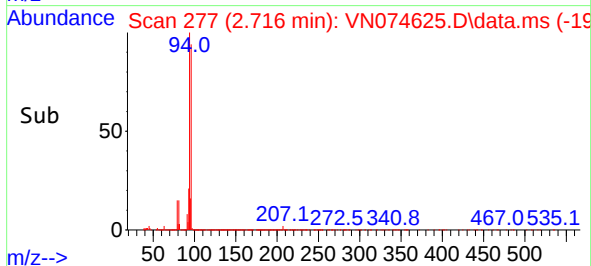
Instrument :
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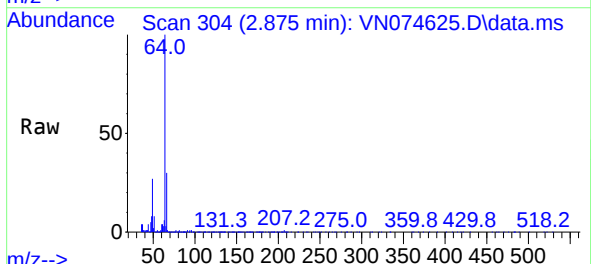
Tgt Ion: 94 Resp: 857189
Ion Ratio Lower Upper
94 100
96 93.8 68.3 102.5

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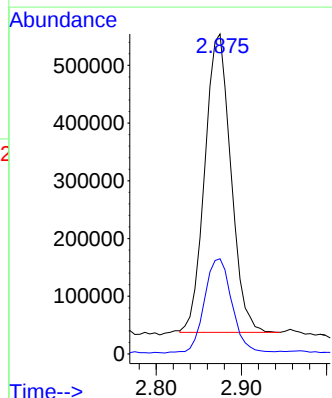
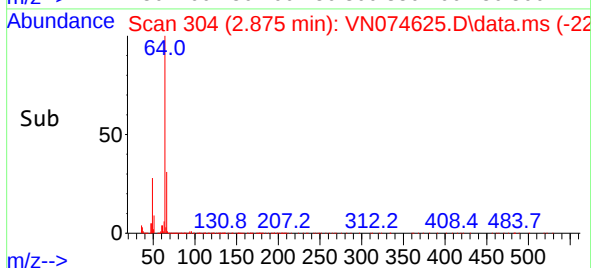
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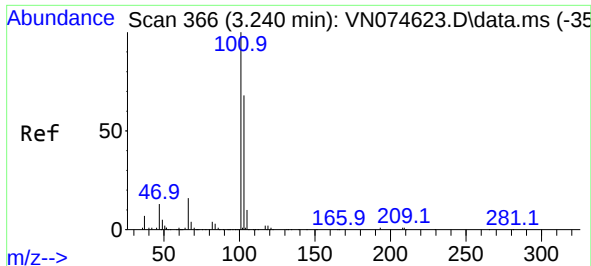


#6
Chloroethane
Concen: 90.481 ug/l
RT: 2.875 min Scan# 304
Delta R.T. -0.024 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



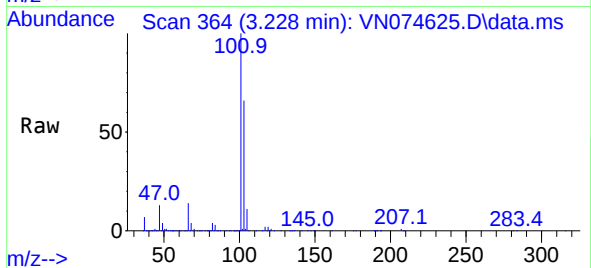
Tgt Ion: 64 Resp: 1096167
Ion Ratio Lower Upper
64 100
66 31.1 21.8 32.8





#7
Trichlorofluoromethane
Concen: 92.477 ug/l
RT: 3.228 min Scan# 301
Delta R.T. -0.012 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

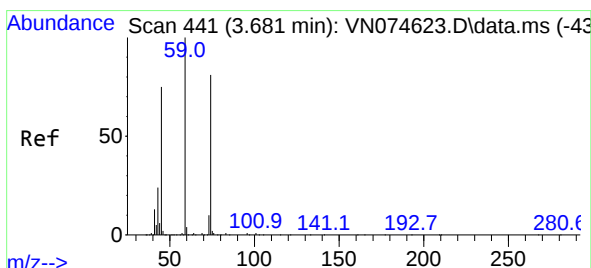
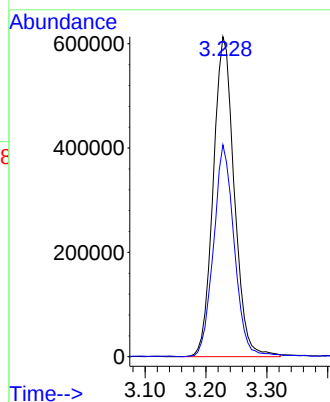
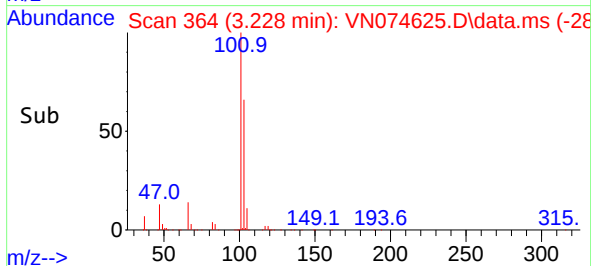
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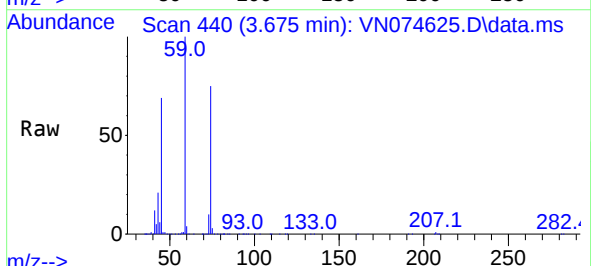
Tgt Ion:101 Resp: 1472144
Ion Ratio Lower Upper
101 100
103 66.2 54.8 82.2

Manual Integrations
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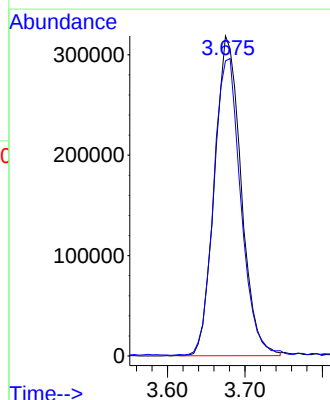
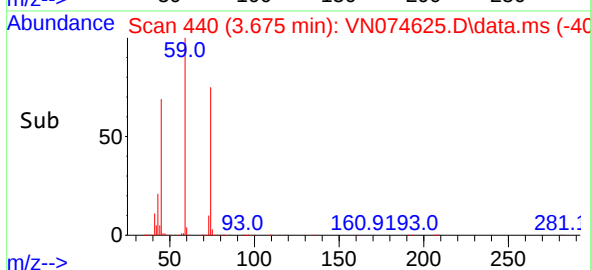
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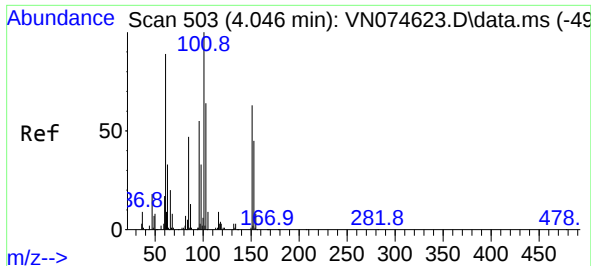


#8
Diethyl Ether
Concen: 90.223 ug/l
RT: 3.675 min Scan# 440
Delta R.T. -0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



Tgt Ion: 74 Resp: 757532
Ion Ratio Lower Upper
74 100
45 94.6 19.0 171.0





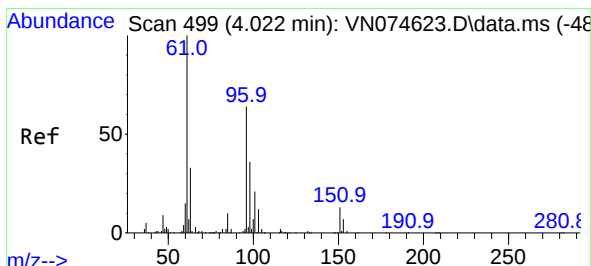
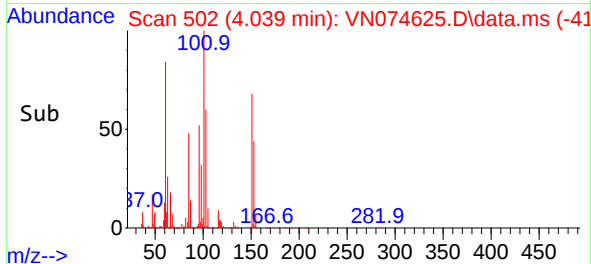
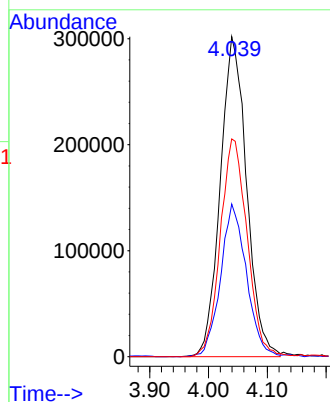
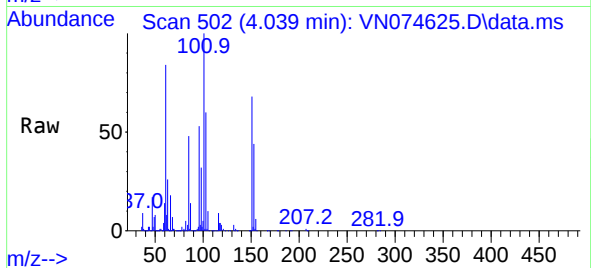
#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.395 ug/l
RT: 4.039 min Scan# 503
Delta R.T. -0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 94014
Ion Ratio Lower Upper
101 100
85 46.8 0.0 94.6
151 69.3 0.0 144.8

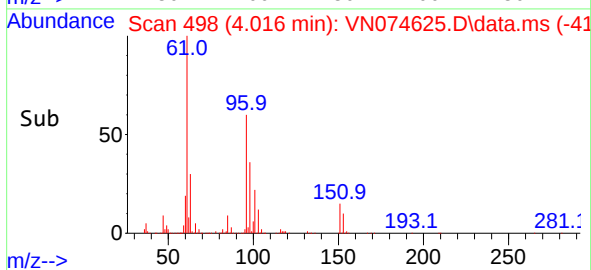
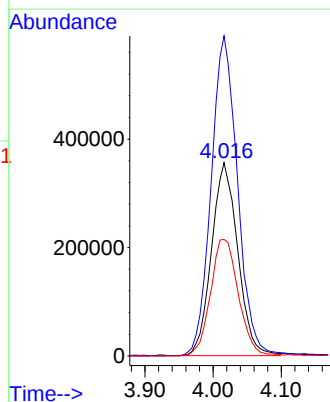
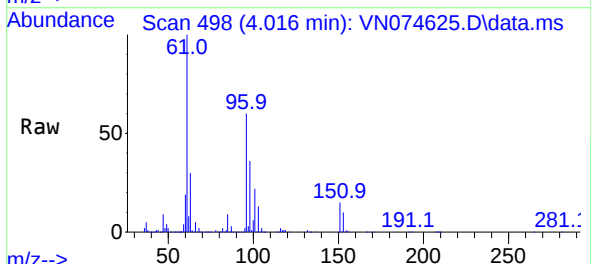
Manual Integrations
APPROVED

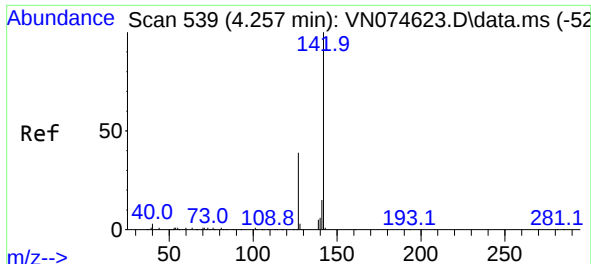
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#10
1,1-Dichloroethene
Concen: 90.841 ug/l
RT: 4.016 min Scan# 498
Delta R.T. -0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

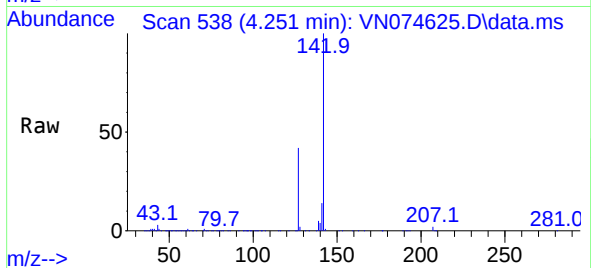
Tgt Ion: 96 Resp: 953147
Ion Ratio Lower Upper
96 100
61 165.8 125.5 188.3
98 60.3 45.0 67.4





#11
Methyl Iodide
Concen: 95.732 ug/l
RT: 4.251 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

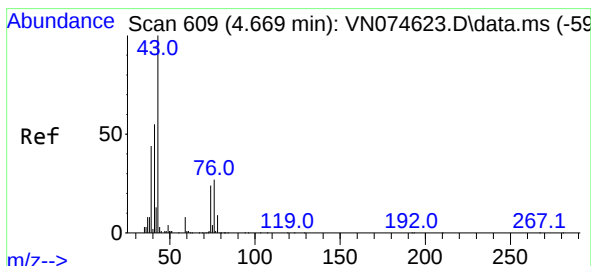
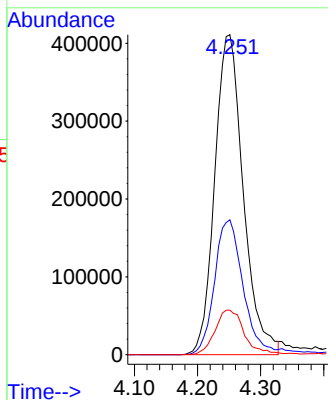
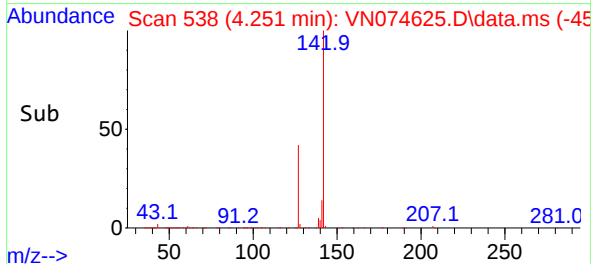
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



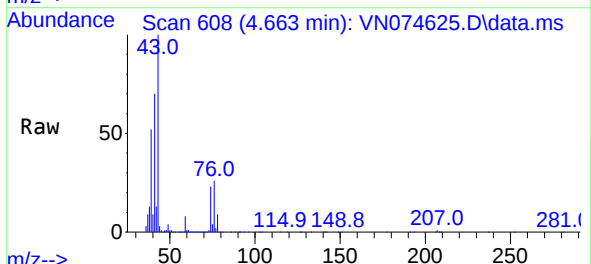
Tgt Ion:142 Resp: 1290288
Ion Ratio Lower Upper
142 100
127 42.2 19.3 57.8
141 13.9 7.7 23.1

Manual Integrations
APPROVED

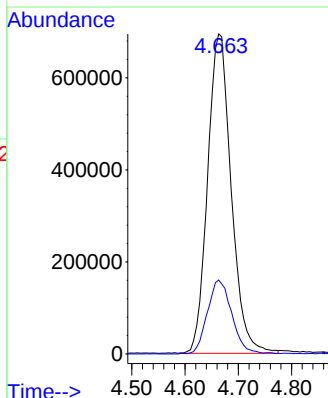
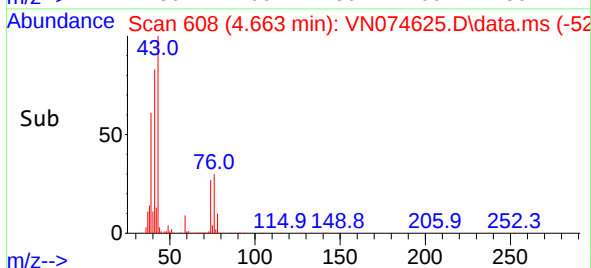
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

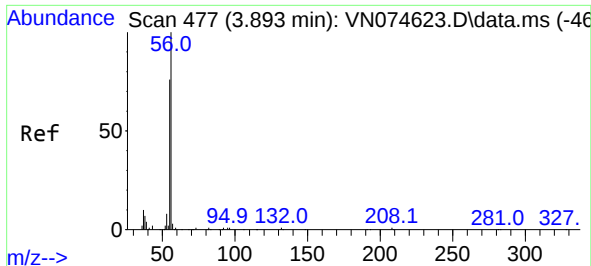


#12
Methyl Acetate
Concen: 94.918 ug/l
RT: 4.663 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



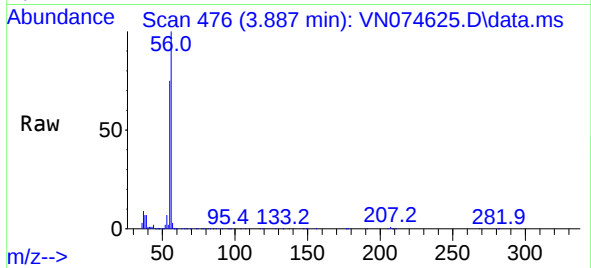
Tgt Ion: 43 Resp: 2138493
Ion Ratio Lower Upper
43 100
74 23.1 19.0 28.6





#13
Acrolein
Concen: 479.477 ug/l
RT: 3.887 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

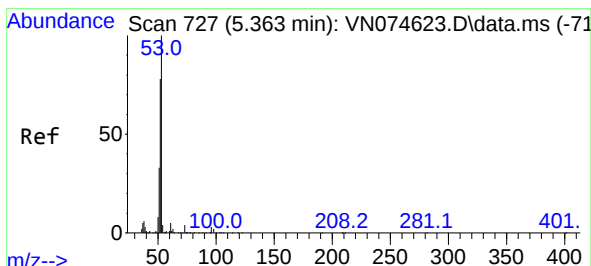
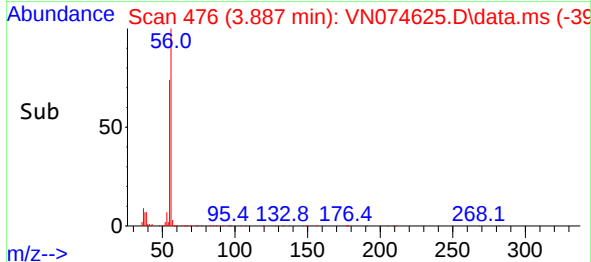
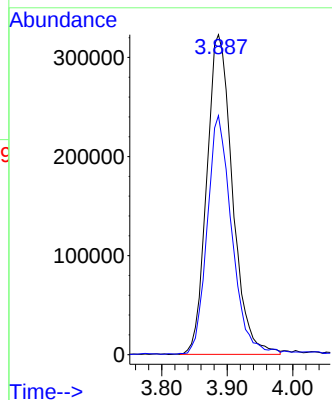
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 879530
Ion Ratio Lower Upper
56 100
55 70.0 56.2 84.2

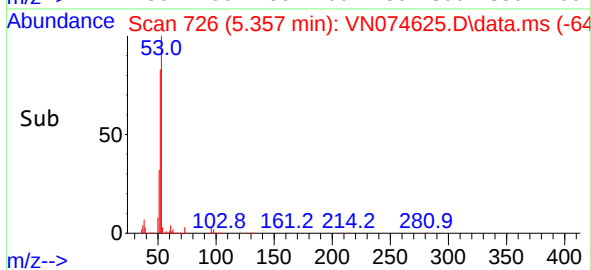
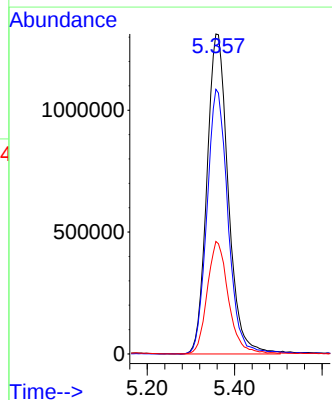
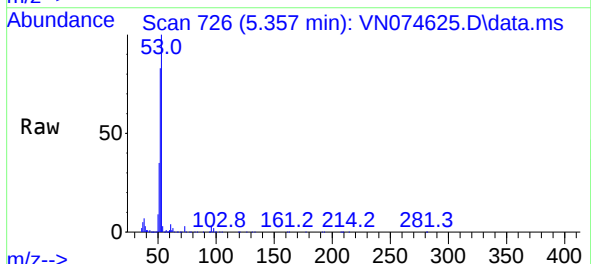
Manual Integrations
APPROVED

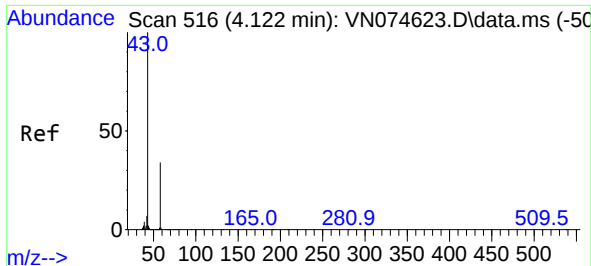
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#14
Acrylonitrile
Concen: 486.861 ug/l
RT: 5.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

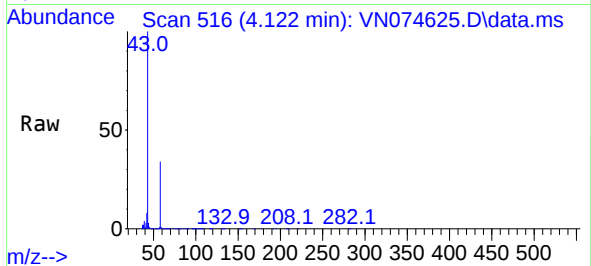
Tgt Ion: 53 Resp: 4444911
Ion Ratio Lower Upper
53 100
52 81.3 40.8 122.4
51 34.8 17.0 51.0





#15
Acetone
Concen: 468.872 ug/l
RT: 4.122 min Scan# 516
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

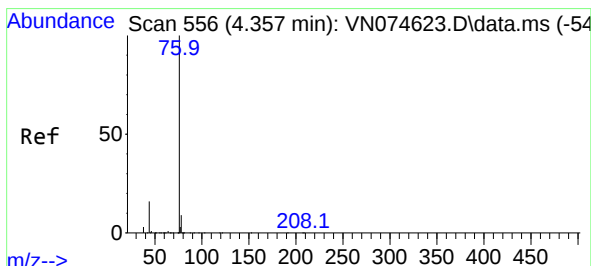
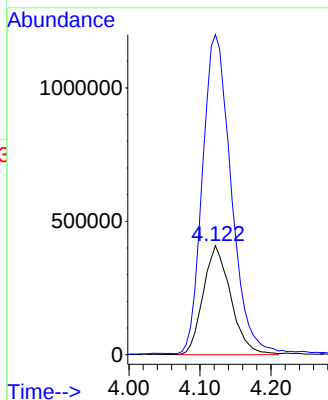
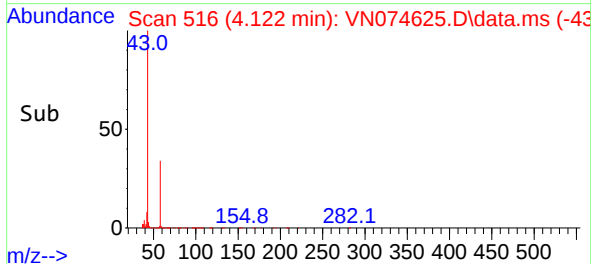
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



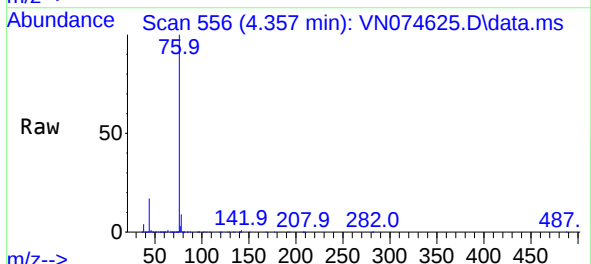
Tgt Ion: 58 Resp: 1102089
Ion Ratio Lower Upper
58 100
43 293.0 232.2 348.4

Manual Integrations
APPROVED

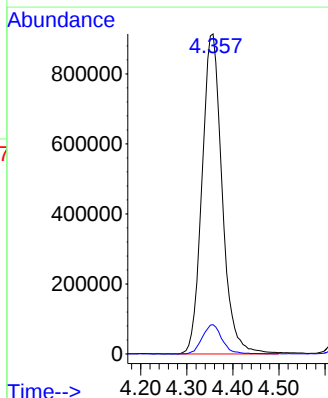
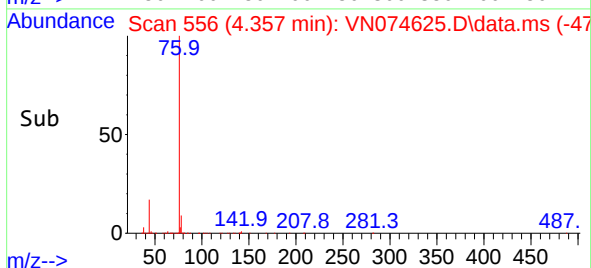
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

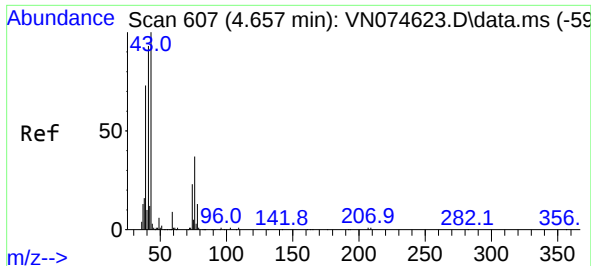


#16
Carbon Disulfide
Concen: 93.795 ug/l
RT: 4.357 min Scan# 556
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



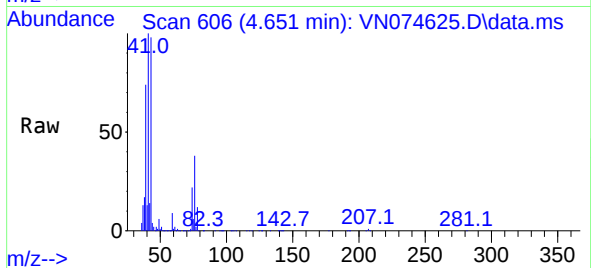
Tgt Ion: 76 Resp: 2773915
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





#17
 Allyl chloride
 Concen: 95.705 ug/l
 RT: 4.651 min Scan# 607
 Delta R.T. -0.006 min
 Lab File: VN074625.D
 Acq: 27 Sep 2022 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

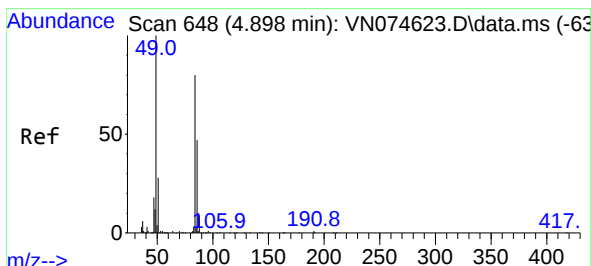
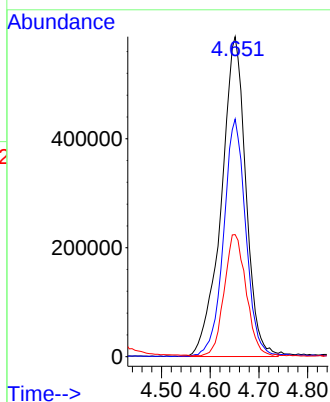
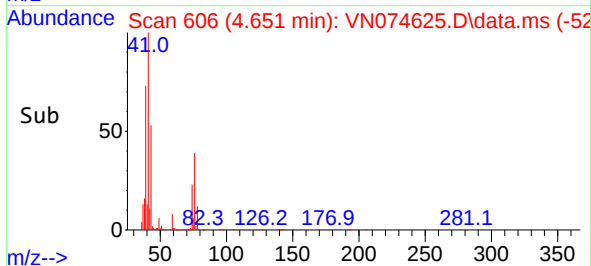


Tgt Ion: 41 Resp: 205873

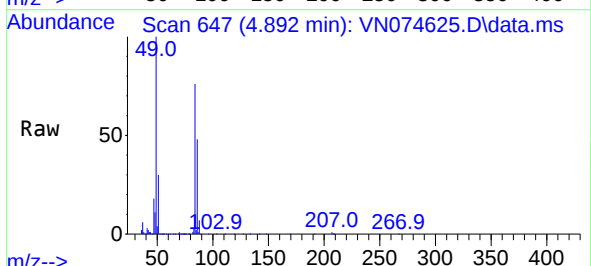
Ion	Ratio	Lower	Upper
41	100		
39	74.2	39.1	117.5
76	37.7	19.8	59.4

Manual Integrations
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Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022

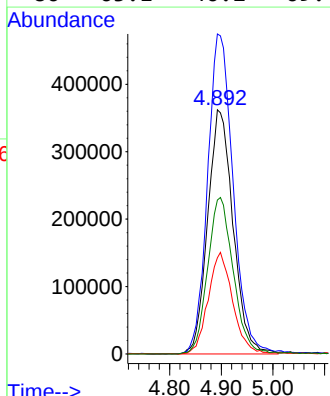
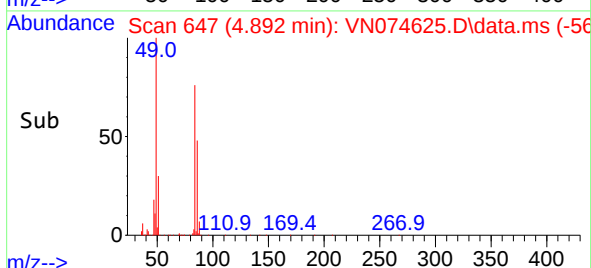


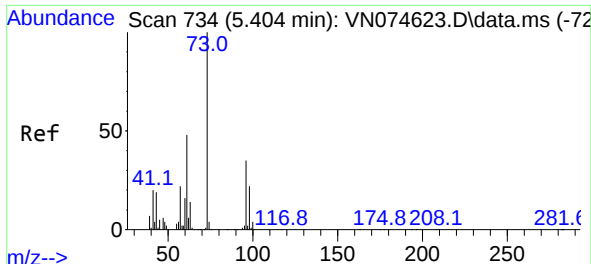
#18
 Methylene Chloride
 Concen: 92.214 ug/l
 RT: 4.892 min Scan# 647
 Delta R.T. -0.006 min
 Lab File: VN074625.D
 Acq: 27 Sep 2022 13:17



Tgt Ion: 84 Resp: 1237061

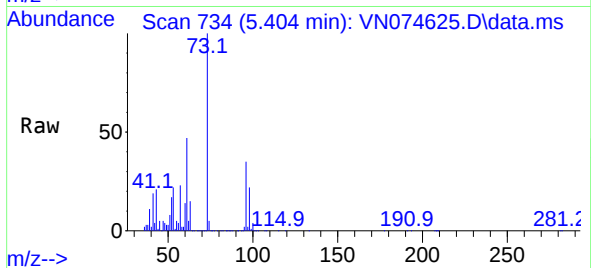
Ion	Ratio	Lower	Upper
84	100		
49	131.0	99.6	149.4
51	39.4	28.2	42.2
86	63.1	46.2	69.4





#19
trans-1,2-Dichloroethene
Concen: 92.762 ug/l
RT: 5.404 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

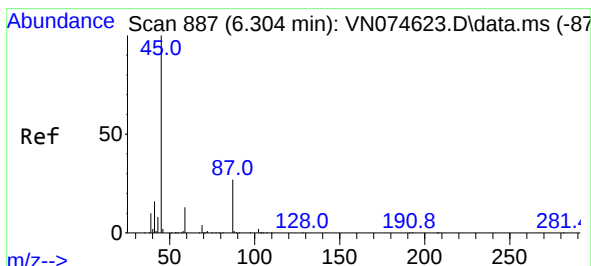
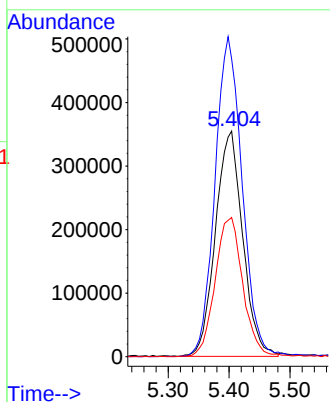
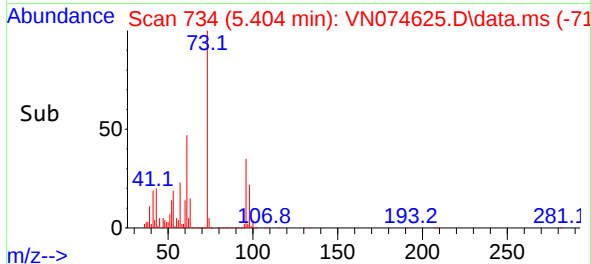
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



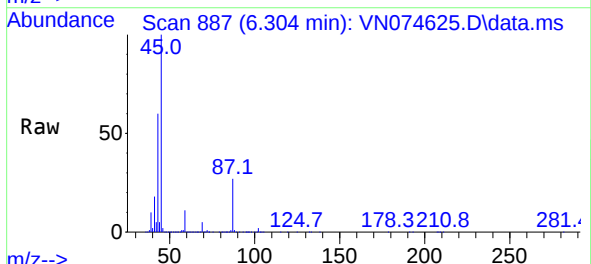
Tgt Ion: 96 Resp: 110478
Ion Ratio Lower Upper
96 100
61 132.3 110.2 165.4
98 61.8 50.0 75.0

Manual Integrations
APPROVED

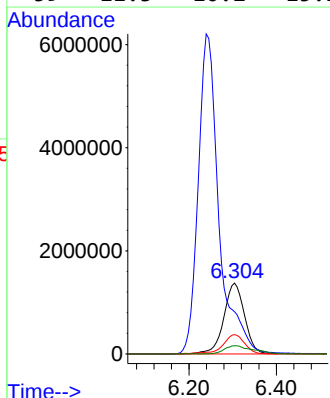
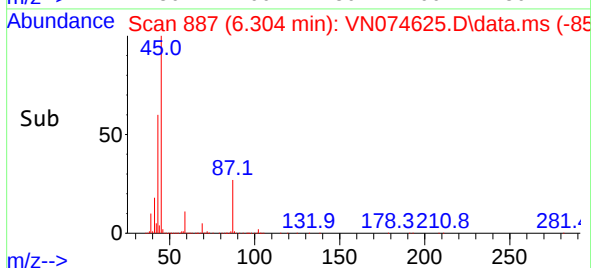
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

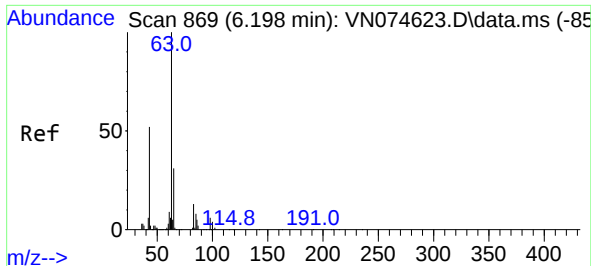


#20
Diisopropyl ether
Concen: 95.928 ug/l
RT: 6.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



Tgt Ion: 45 Resp: 4502759
Ion Ratio Lower Upper
45 100
43 58.9 47.3 70.9
87 27.2 21.8 32.8
59 11.3 10.2 15.2





#21

1,1-Dichloroethane

Concen: 95.348 ug/l

RT: 6.192 min Scan# 869

Delta R.T. -0.006 min

Lab File: VN074625.D

Acq: 27 Sep 2022 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 226023

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.9

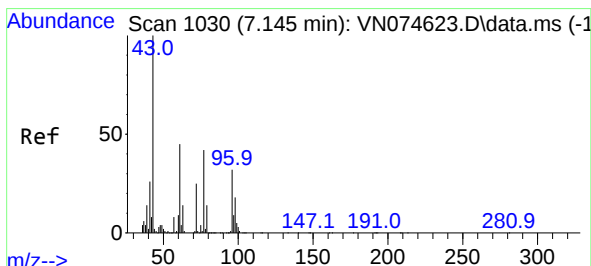
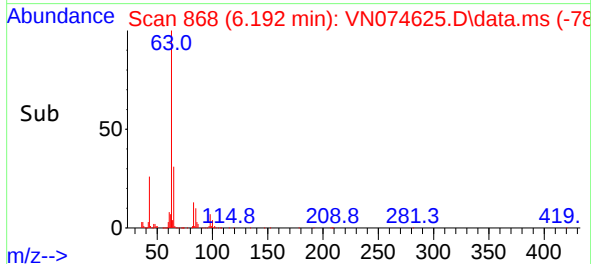
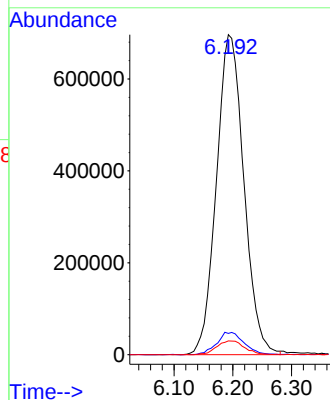
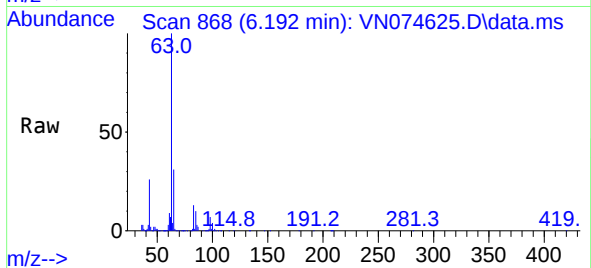
100 4.3 2.2 6.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#22

cis-1,2-Dichloroethene

Concen: 91.845 ug/l

RT: 7.151 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VN074625.D

Acq: 27 Sep 2022 13:17

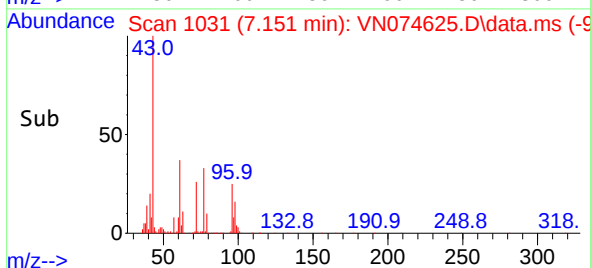
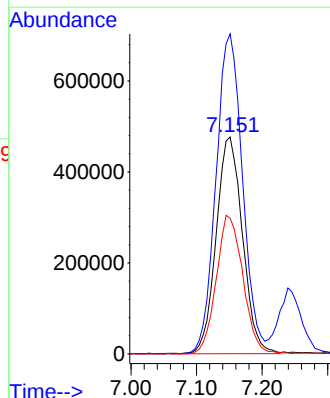
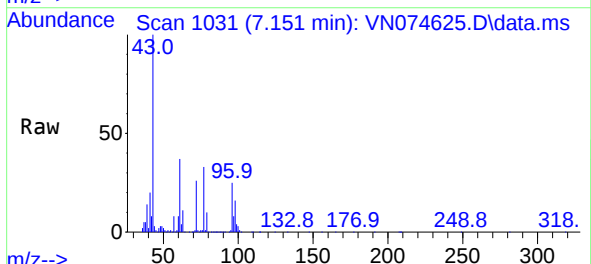
Tgt Ion: 96 Resp: 1327641

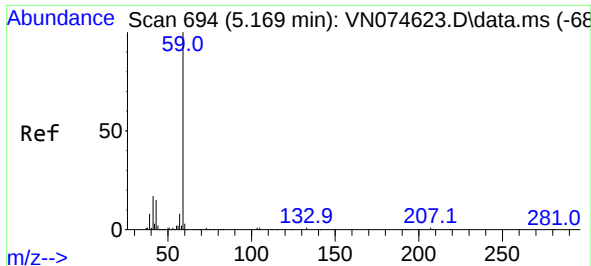
Ion Ratio Lower Upper

96 100

61 148.7 118.8 178.2

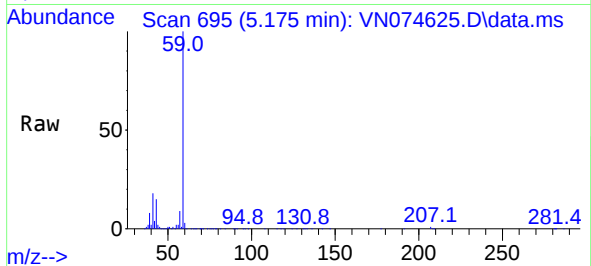
98 64.6 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 458.962 ug/l
RT: 5.175 min Scan# 694
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

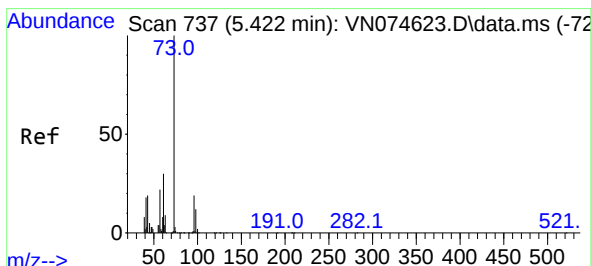
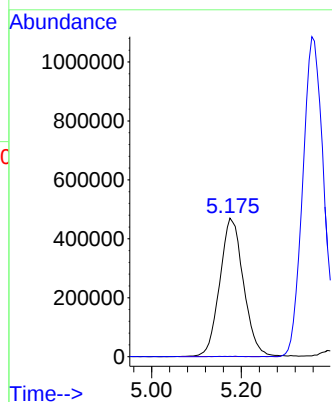
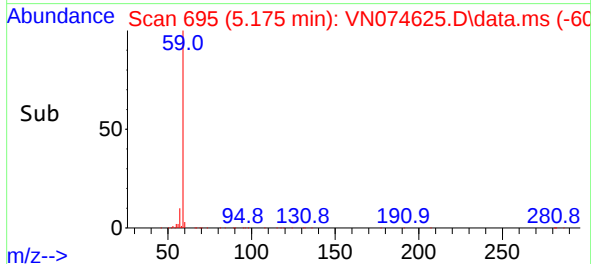
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



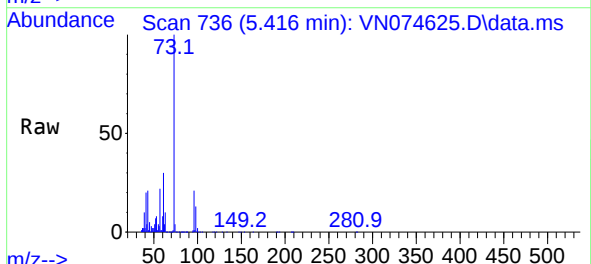
Tgt Ion: 59 Resp: 1726732
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

Manual Integrations
APPROVED

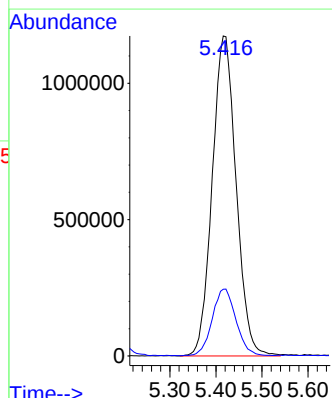
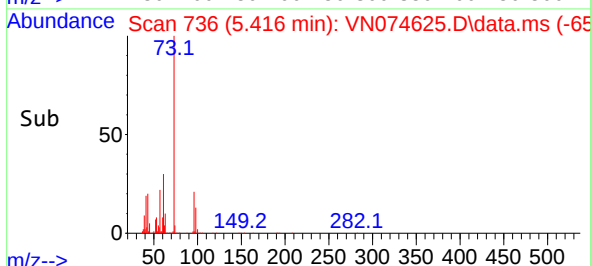
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

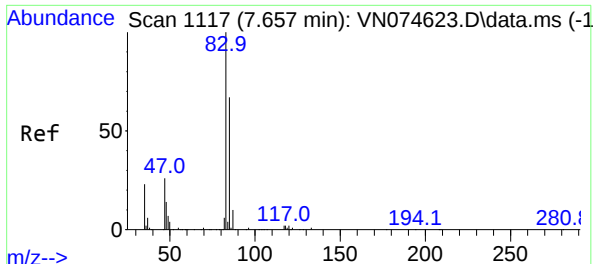


#24
Methyl tert-Butyl Ether
Concen: 96.745 ug/l
RT: 5.416 min Scan# 736
Delta R.T. -0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



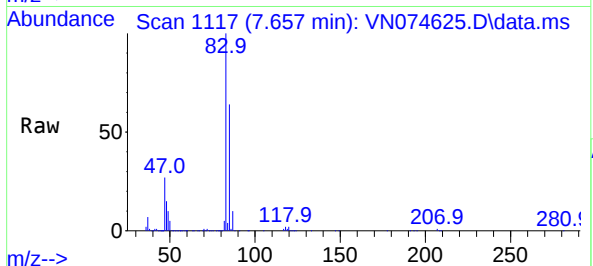
Tgt Ion: 73 Resp: 4218545
Ion Ratio Lower Upper
73 100
43 20.7 15.6 23.4





#25
Chloroform
Concen: 95.464 ug/l
RT: 7.657 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

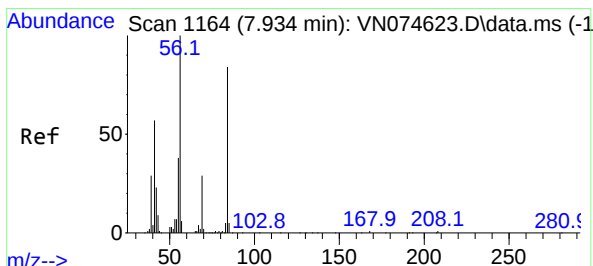
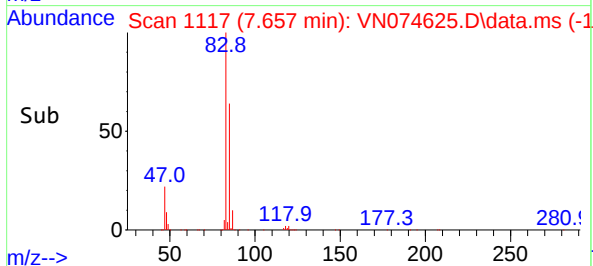
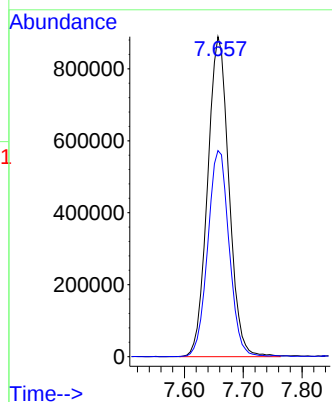
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 2243358
Ion Ratio Lower Upper
83 100
85 64.3 53.6 80.4

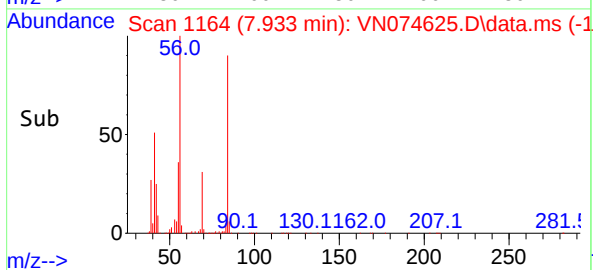
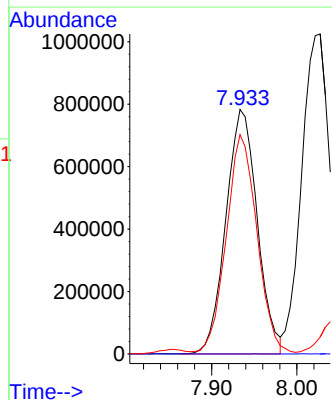
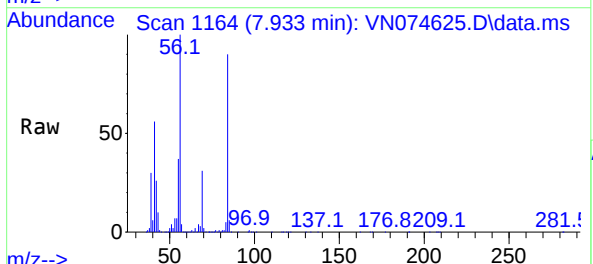
Manual Integrations
APPROVED

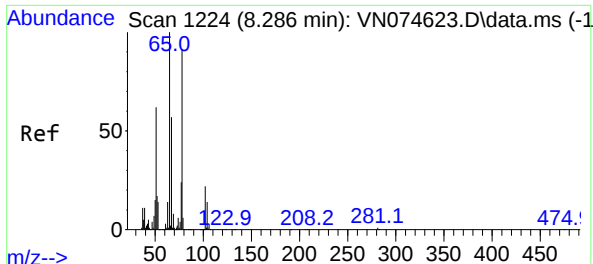
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#26
Cyclohexane
Concen: 94.126 ug/l
RT: 7.933 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

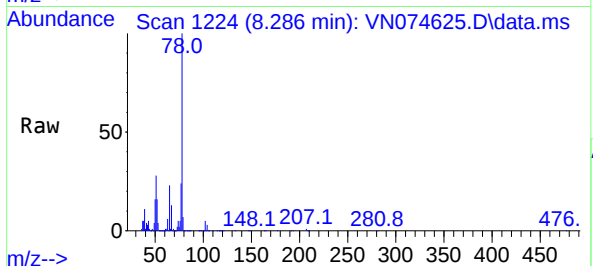
Tgt Ion: 56 Resp: 2006413
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 88.0 68.4 102.6





#27
1,2-Dichloroethane-d4
Concen: 29.580 ug/l
RT: 8.286 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

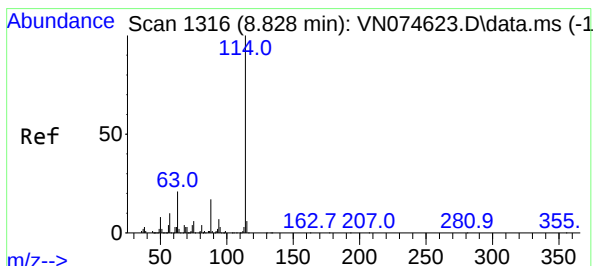
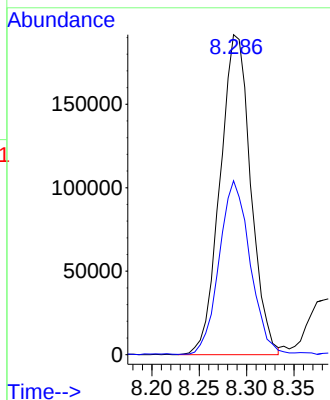
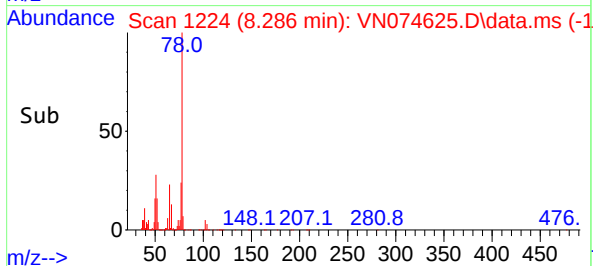
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



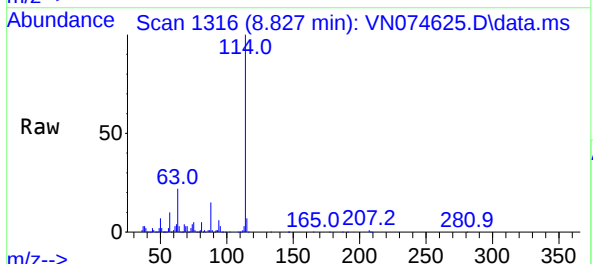
Tgt Ion: 65 Resp: 43265
Ion Ratio Lower Upper
65 100
67 54.4 45.2 67.8

Manual Integrations
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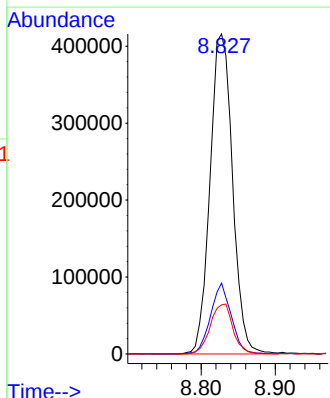
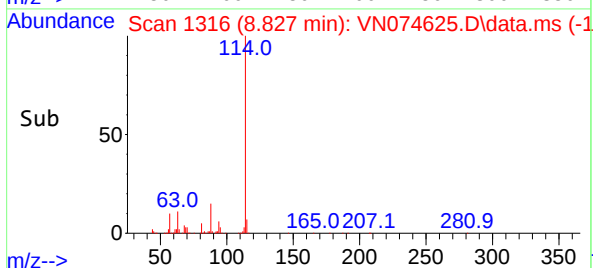
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

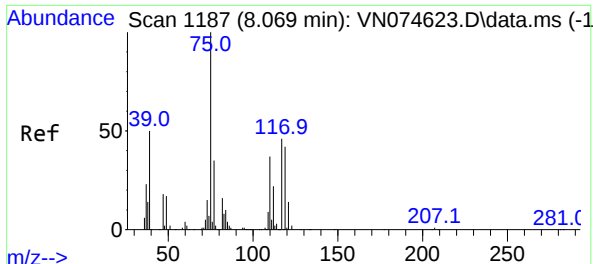


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



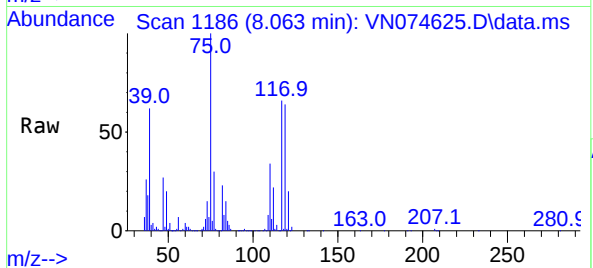
Tgt Ion:114 Resp: 878769
Ion Ratio Lower Upper
114 100
63 20.1 16.6 25.0
88 15.7 12.2 18.4





#29
1,1-Dichloropropene
Concen: 98.776 ug/l
RT: 8.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

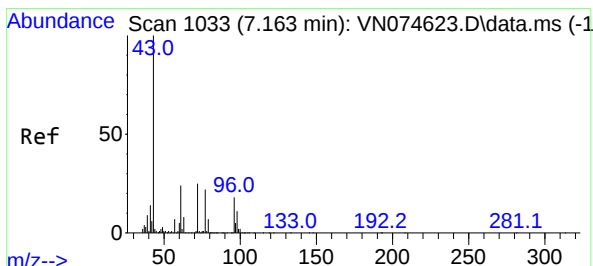
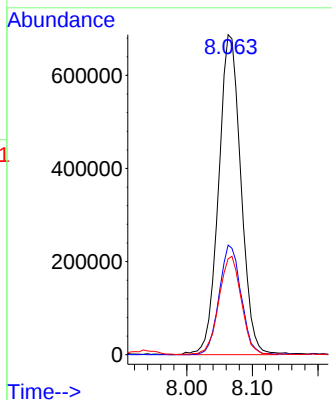
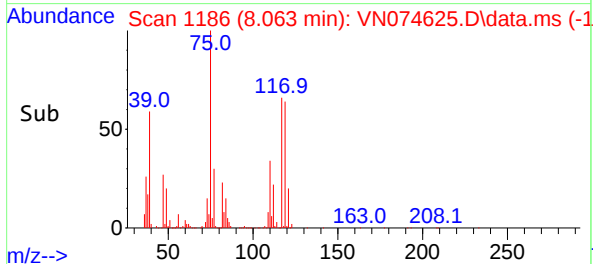
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



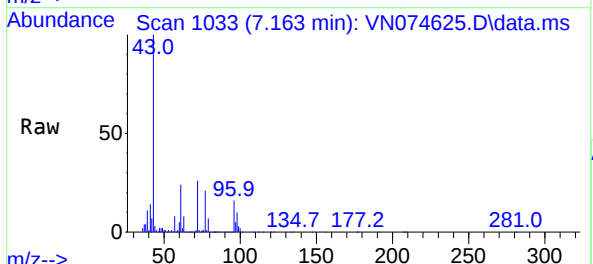
Tgt Ion: 75 Resp: 162124
Ion Ratio Lower Upper
75 100
110 33.5 0.0 72.2
77 30.9 0.0 64.0

Manual Integrations
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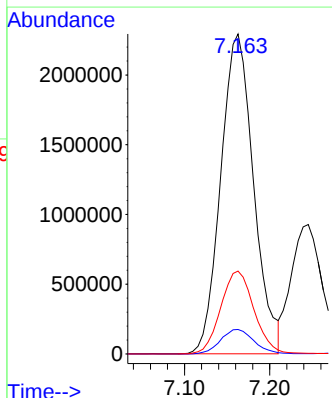
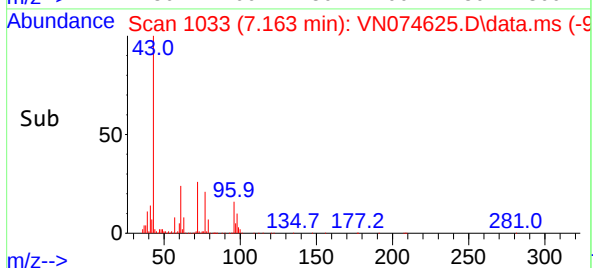
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

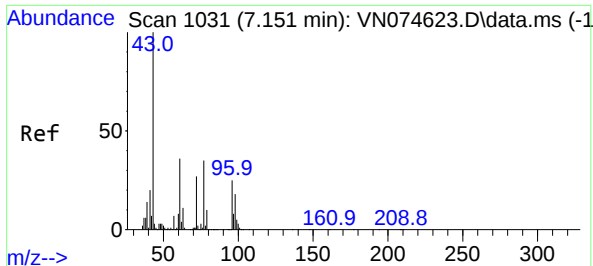


#30
2-Butanone
Concen: 491.575 ug/l
RT: 7.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



Tgt Ion: 43 Resp: 6155780
Ion Ratio Lower Upper
43 100
57 7.8 6.3 9.5
72 26.3 21.0 31.4





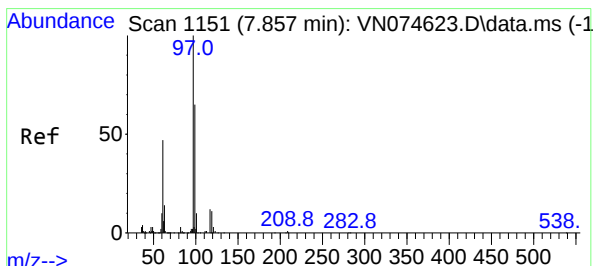
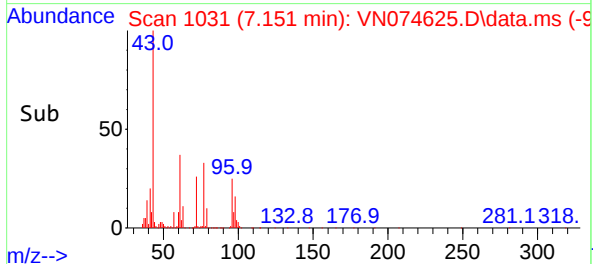
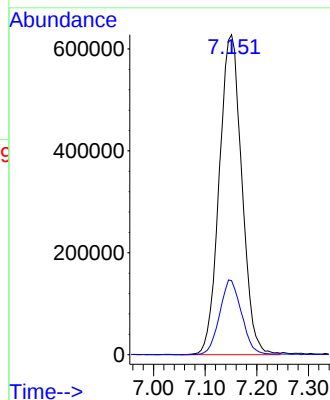
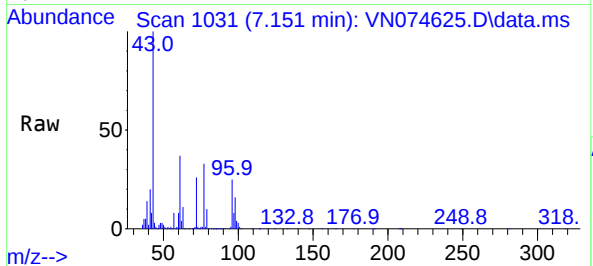
#31
2,2-Dichloropropane
Concen: 96.909 ug/l
RT: 7.151 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 1906074
Ion Ratio Lower Upper
77 100
97 22.7 18.4 27.6

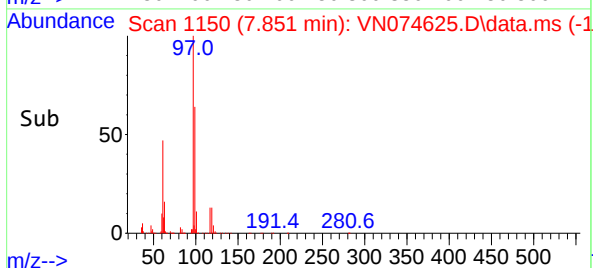
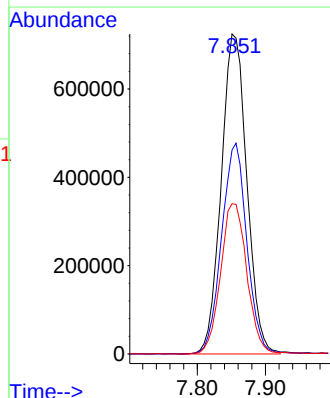
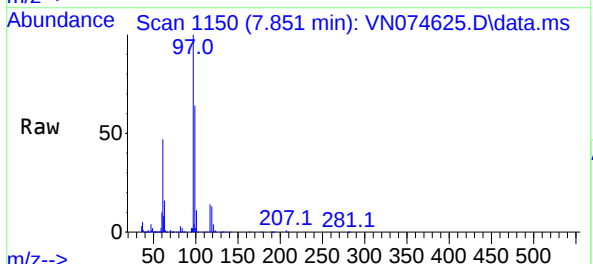
Manual Integrations
APPROVED

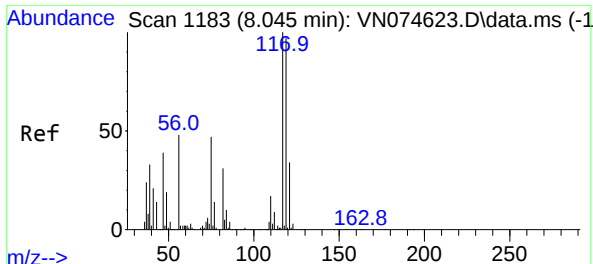
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#32
1,1,1-Trichloroethane
Concen: 97.704 ug/l
RT: 7.851 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

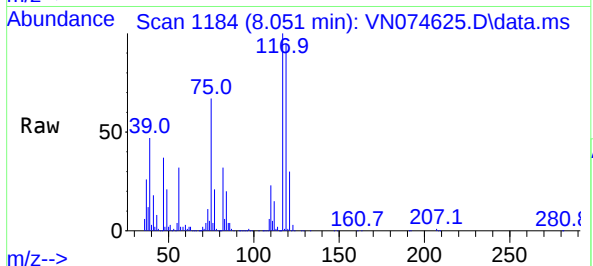
Tgt Ion: 97 Resp: 1894454
Ion Ratio Lower Upper
97 100
99 65.2 50.0 75.0
61 48.1 36.1 54.1





#33
Carbon Tetrachloride
Concen: 99.914 ug/l
RT: 8.051 min Scan# 1183
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

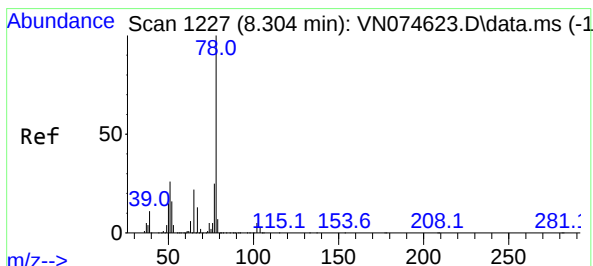
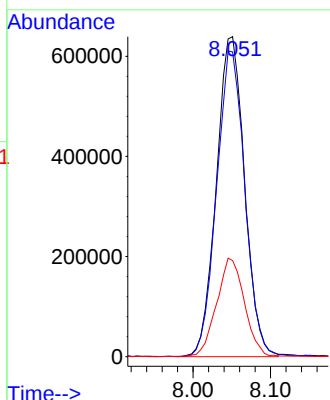
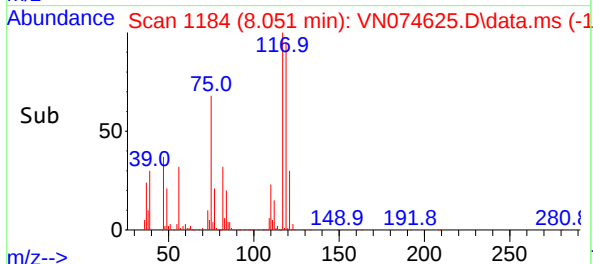
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



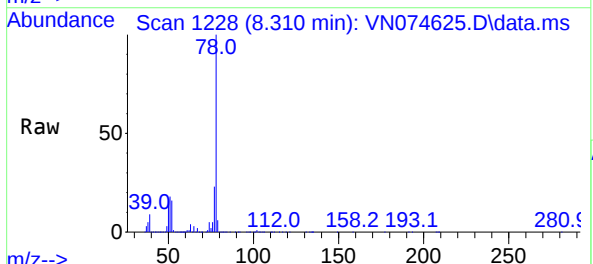
Tgt Ion: 117 Resp: 1620314
Ion Ratio Lower Upper
117 100
119 95.2 77.8 116.6
121 30.1 27.6 41.4

Manual Integrations
APPROVED

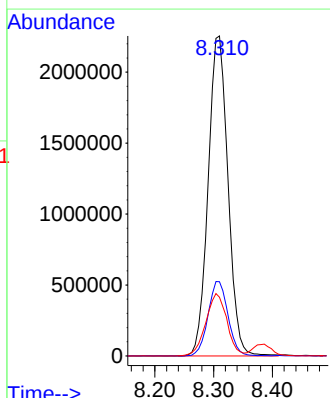
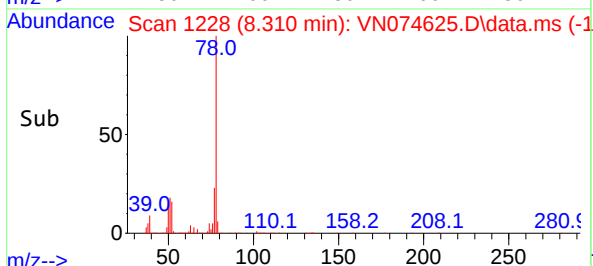
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

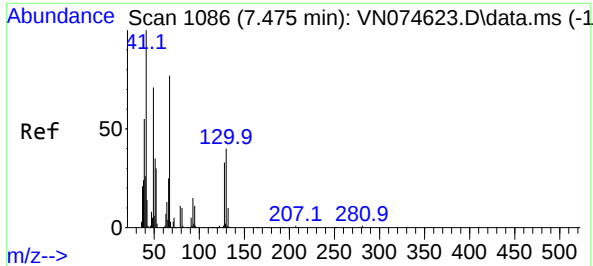


#34
Benzene
Concen: 97.129 ug/l
RT: 8.310 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



Tgt Ion: 78 Resp: 5277621
Ion Ratio Lower Upper
78 100
77 23.2 19.9 29.9
51 18.3 21.1 31.7#





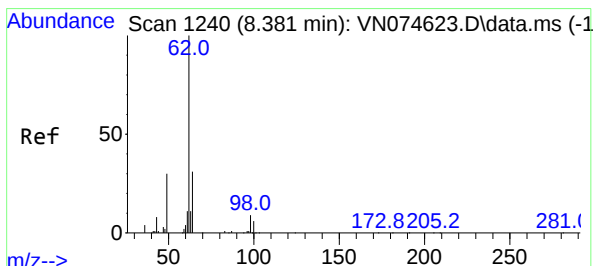
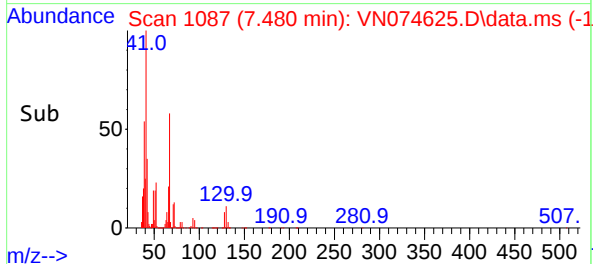
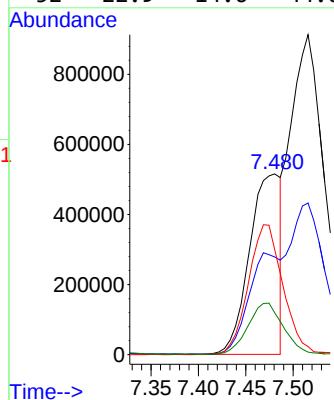
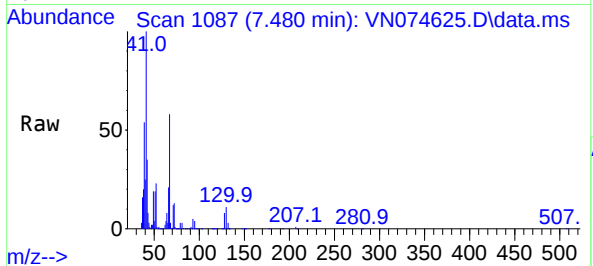
#35
Methacrylonitrile
Concen: 99.939 ug/l
RT: 7.480 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 1190634
Ion Ratio Lower Upper
41 100
39 53.8 27.7 83.1
67 58.4 38.0 113.9
52 22.9 14.6 44.0

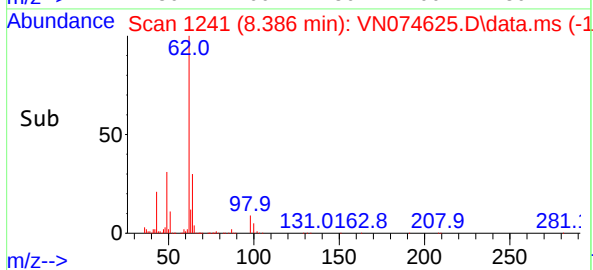
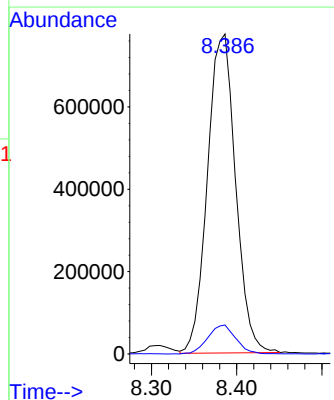
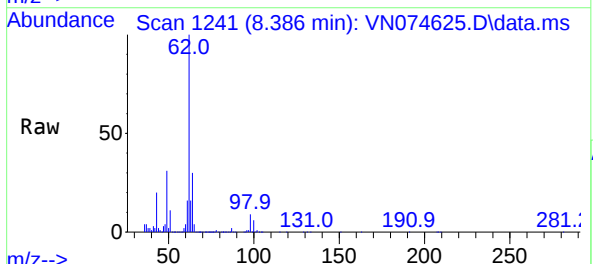
Manual Integrations
APPROVED

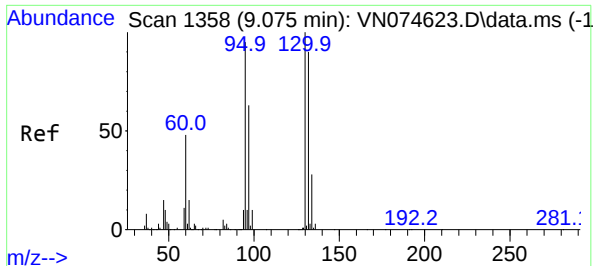
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#36
1,2-Dichloroethane
Concen: 100.310 ug/l
RT: 8.386 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

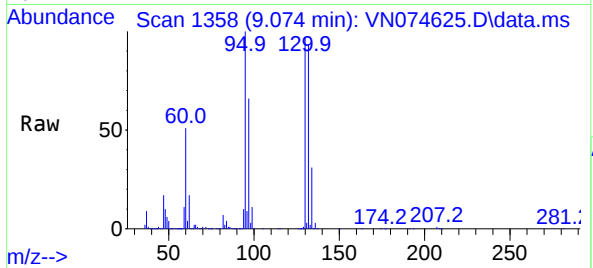
Tgt Ion: 62 Resp: 1779795
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.2





#37
Trichloroethene
Concen: 99.633 ug/l
RT: 9.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

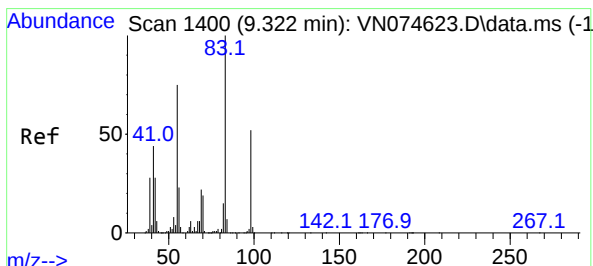
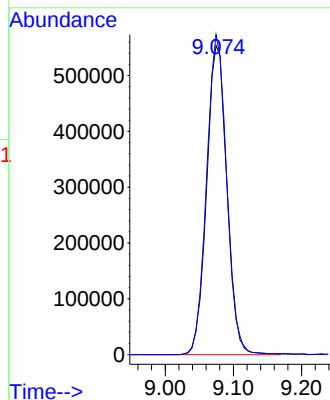
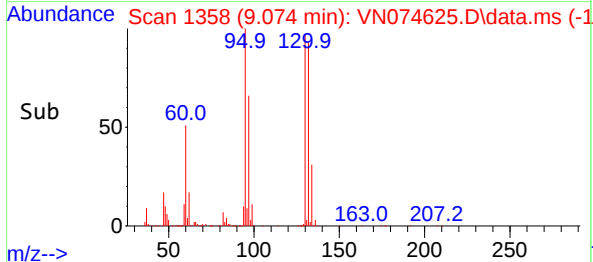
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



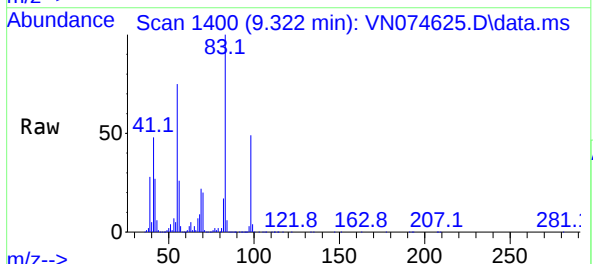
Tgt Ion:130 Resp: 1149550
Ion Ratio Lower Upper
130 100
95 103.5 75.9 113.9

Manual Integrations
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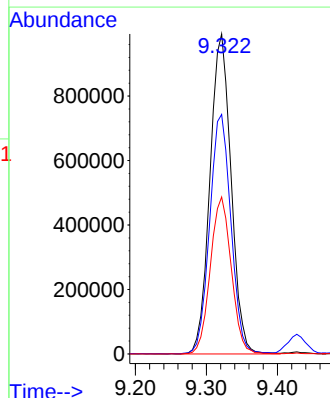
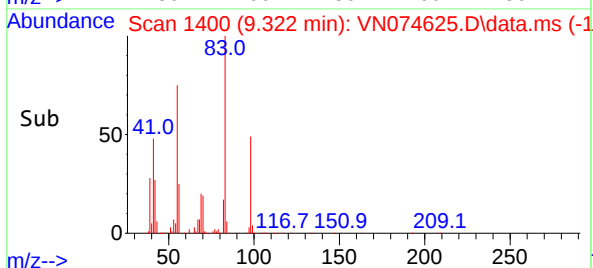
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

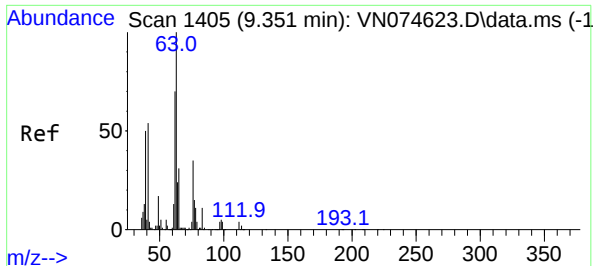


#38
Methylcyclohexane
Concen: 96.267 ug/l
RT: 9.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



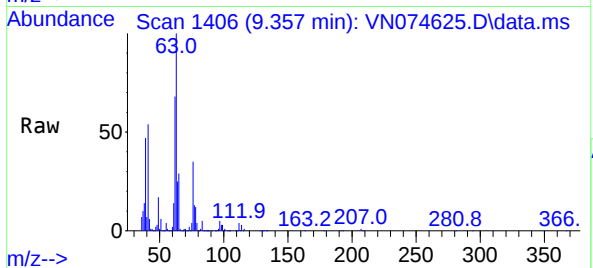
Tgt Ion: 83 Resp: 2045050
Ion Ratio Lower Upper
83 100
55 75.6 37.4 112.2
98 48.7 24.5 73.5





#39
1,2-Dichloropropane
Concen: 97.411 ug/l
RT: 9.357 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

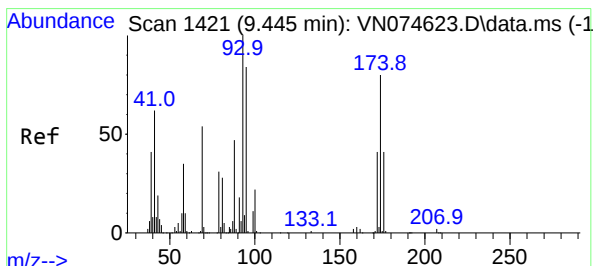
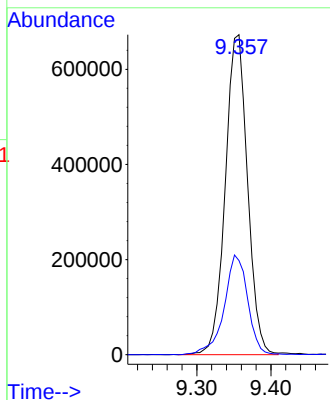
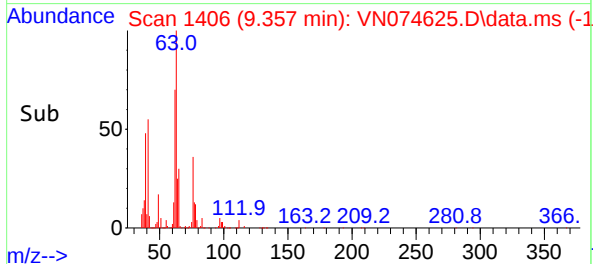
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 1401389
Ion Ratio Lower Upper
63 100
65 29.4 25.0 37.6

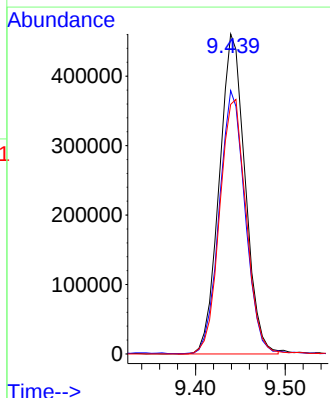
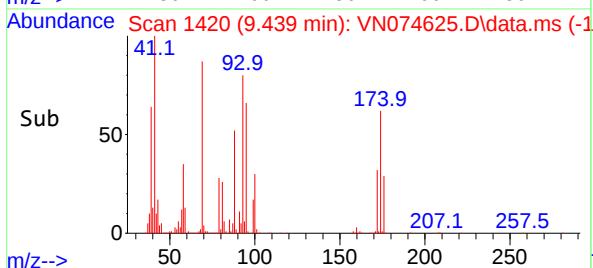
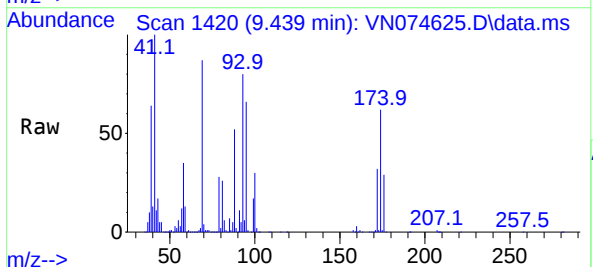
Manual Integrations
APPROVED

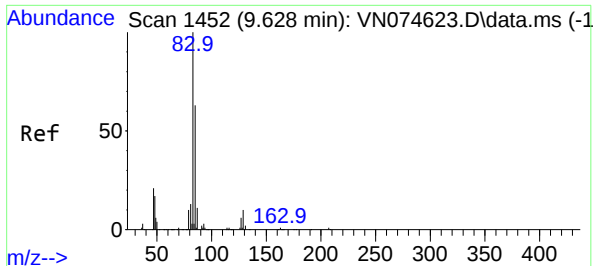
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#40
Dibromomethane
Concen: 99.232 ug/l
RT: 9.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

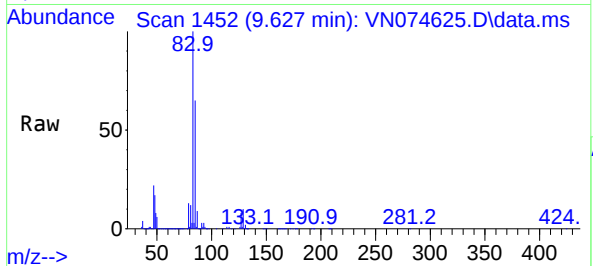
Tgt Ion: 93 Resp: 921131
Ion Ratio Lower Upper
93 100
95 81.8 0.0 168.0
174 81.3 0.0 158.4





#41
Bromodichloromethane
Concen: 99.737 ug/l
RT: 9.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

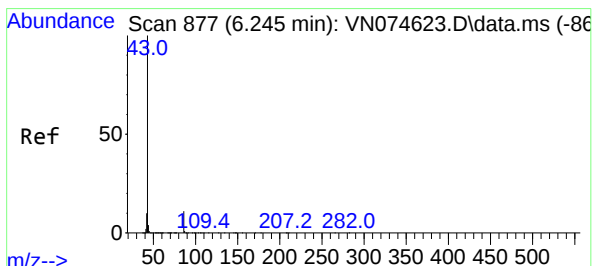
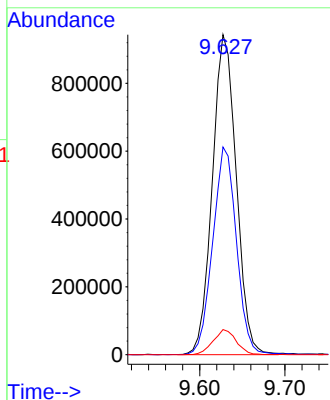
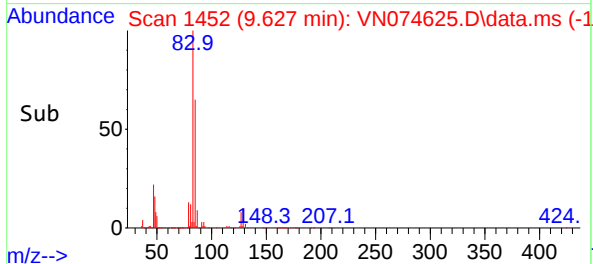
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 184038
Ion Ratio Lower Upper
83 100
85 64.9 50.2 75.4
127 7.8 5.1 7.7

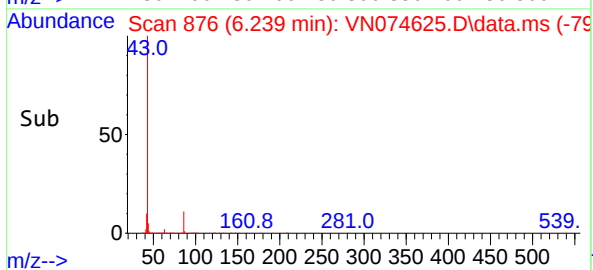
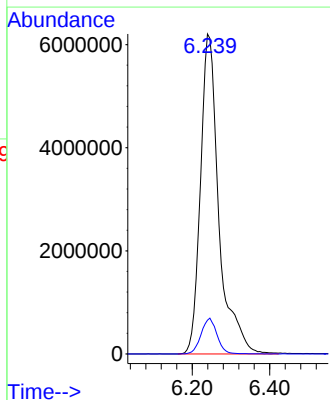
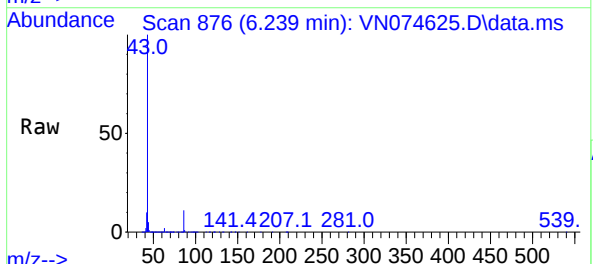
Manual Integrations
APPROVED

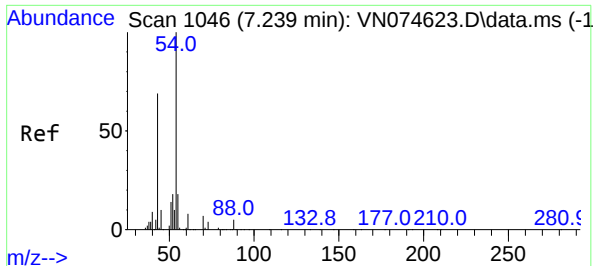
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#42
Vinyl Acetate
Concen: 503.035 ug/l
RT: 6.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

Tgt Ion: 43 Resp:20469740
Ion Ratio Lower Upper
43 100
86 9.7 7.5 11.3





#43

Ethyl Acetate

Concen: 98.229 ug/l

RT: 7.245 min Scan# 1046

Delta R.T. 0.006 min

Lab File: VN074625.D

Acq: 27 Sep 2022 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 238240

Ion Ratio Lower Upper

43 100

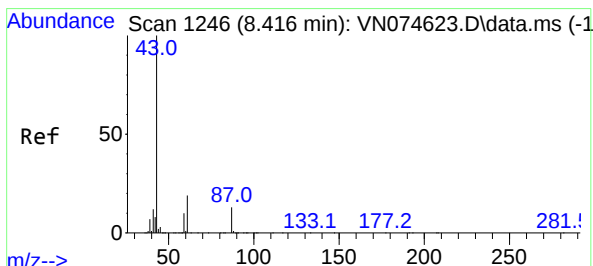
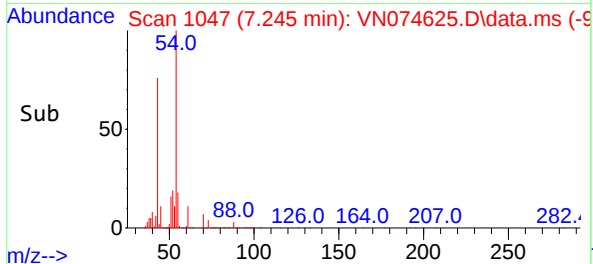
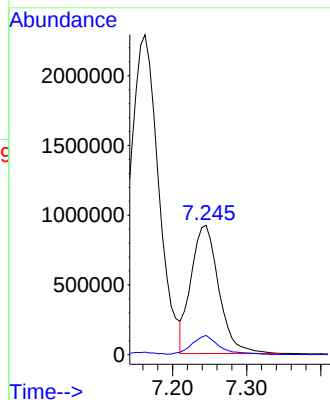
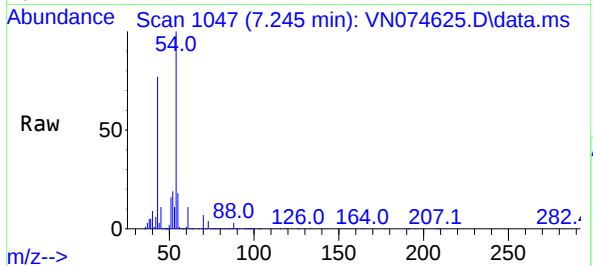
45 15.0 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#44

Isopropyl Acetate

Concen: 99.709 ug/l

RT: 8.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VN074625.D

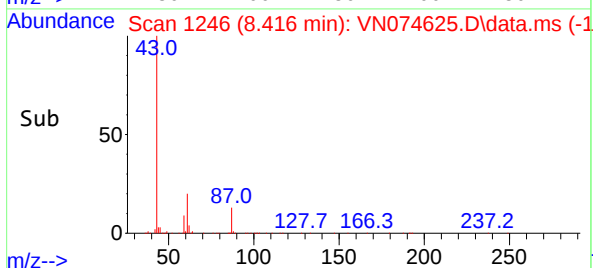
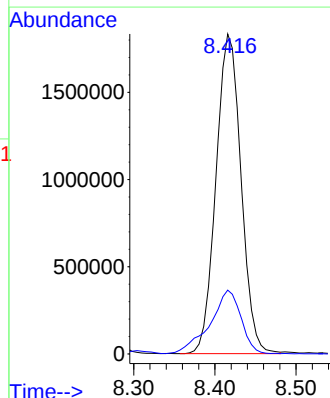
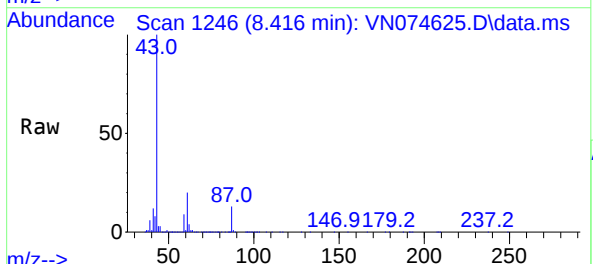
Acq: 27 Sep 2022 13:17

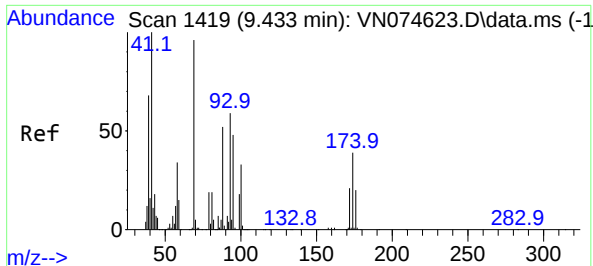
Tgt Ion: 43 Resp: 3927084

Ion Ratio Lower Upper

43 100

61 24.8 19.5 29.3





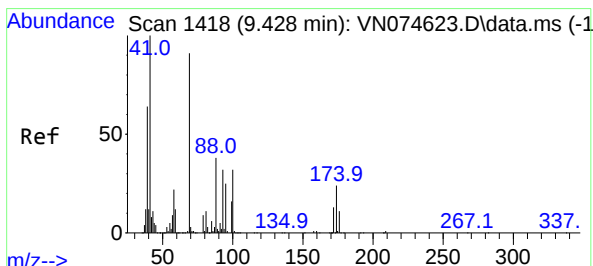
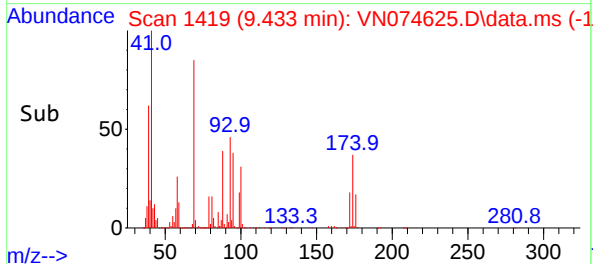
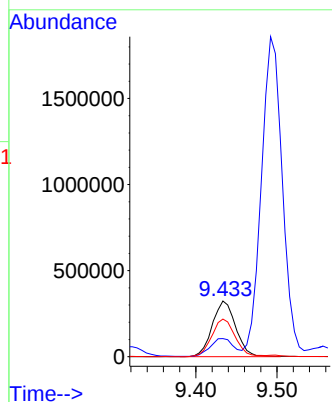
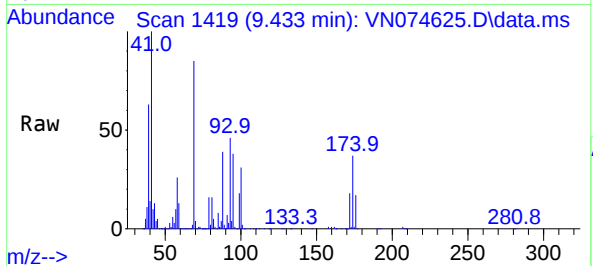
#45
1,4-Dioxane
Concen: 1926.854 ug/l
RT: 9.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 647612
Ion Ratio Lower Upper
88 100
43 32.6 25.7 38.5
58 67.9 53.4 80.2

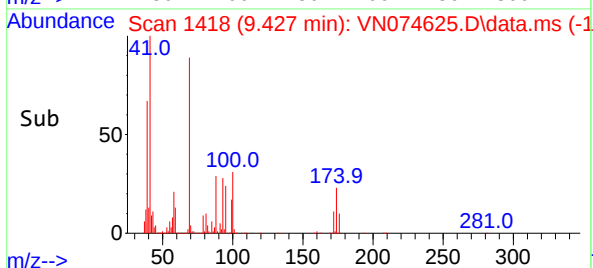
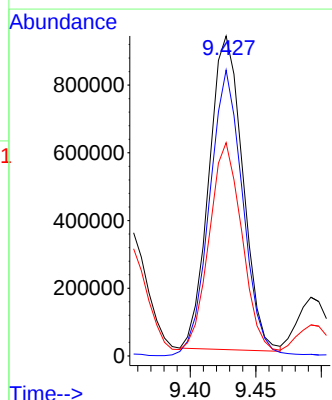
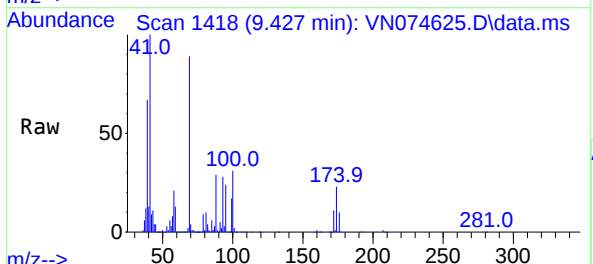
Manual Integrations
APPROVED

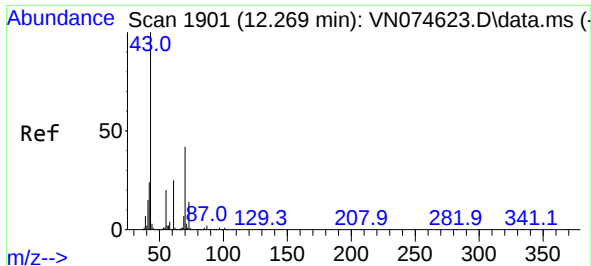
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#46
Methyl methacrylate
Concen: 101.147 ug/l
RT: 9.427 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

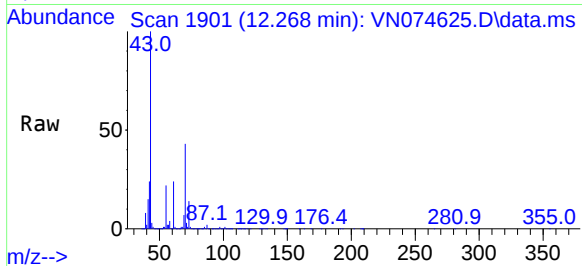
Tgt Ion: 41 Resp: 1659200
Ion Ratio Lower Upper
41 100
69 90.5 45.6 136.7
39 66.5 32.3 96.9





#47
n-amy1 Acetate
Concen: 106.684 ug/l
RT: 12.268 min Scan# 1901
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

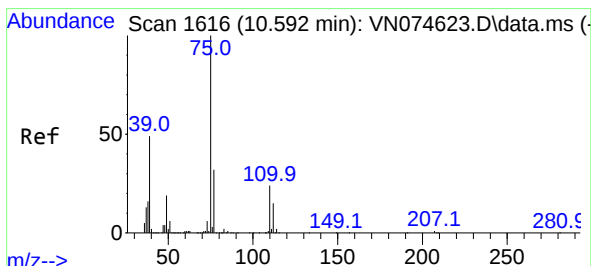
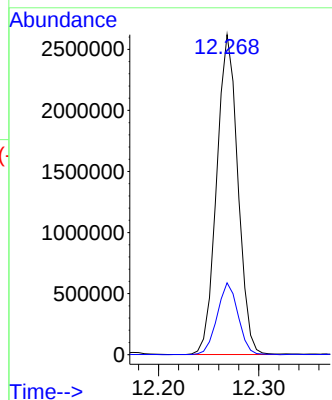
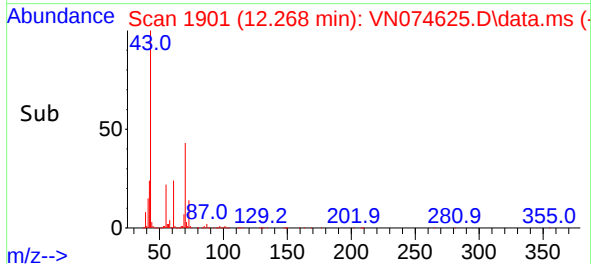
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



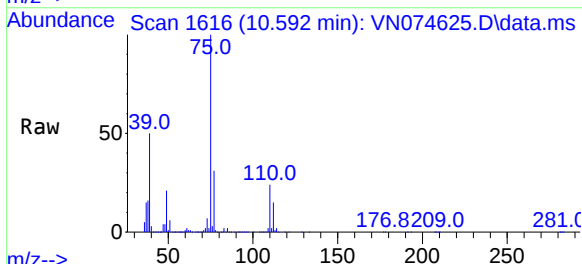
Tgt Ion: 43 Resp: 3845750
Ion Ratio Lower Upper
43 100
55 22.1 16.8 25.2

Manual Integrations
APPROVED

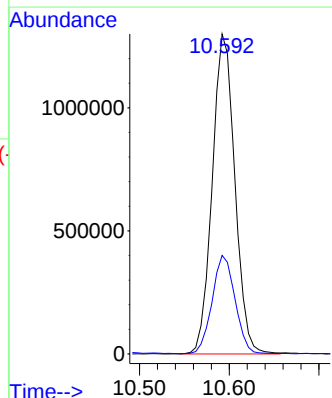
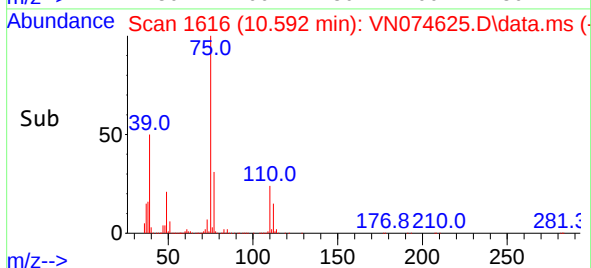
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

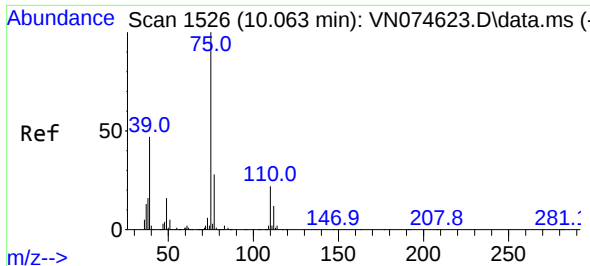


#48
t-1,3-Dichloropropene
Concen: 101.287 ug/l
RT: 10.592 min Scan# 1616
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



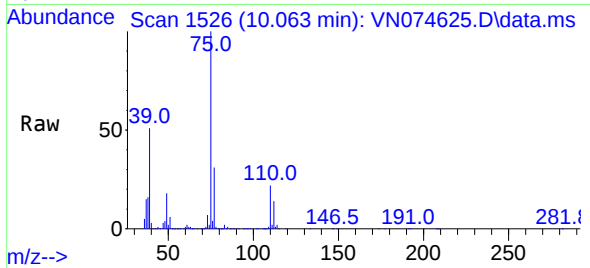
Tgt Ion: 75 Resp: 2268908
Ion Ratio Lower Upper
75 100
77 30.7 25.8 38.8





#49
cis-1,3-Dichloropropene
Concen: 99.280 ug/l
RT: 10.063 min Scan# 1526
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

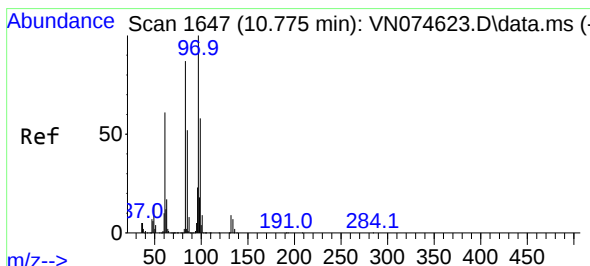
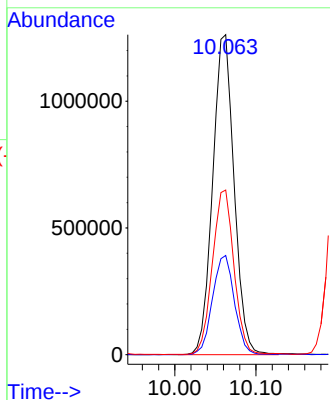
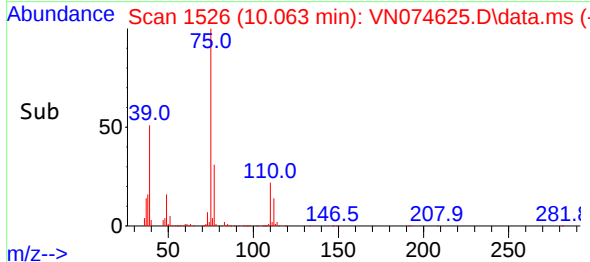
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



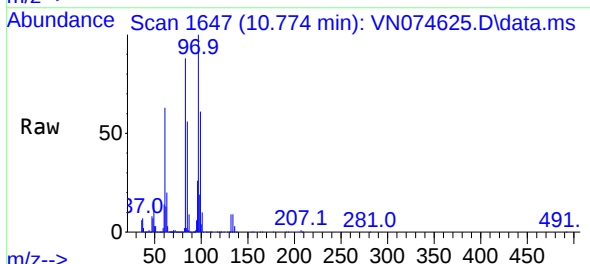
Tgt Ion: 75 Resp: 231423
Ion Ratio Lower Upper
75 100
77 30.9 22.5 33.7
39 51.4 37.6 56.4

Manual Integrations
APPROVED

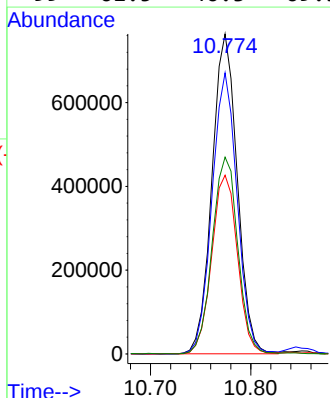
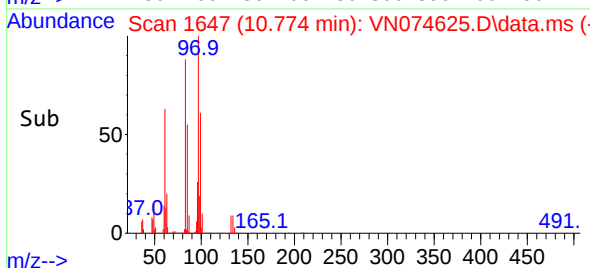
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

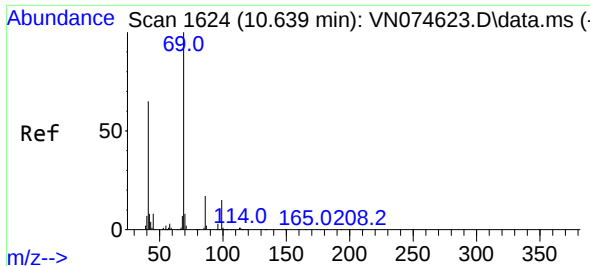


#50
1,1,2-Trichloroethane
Concen: 99.068 ug/l
RT: 10.774 min Scan# 1647
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



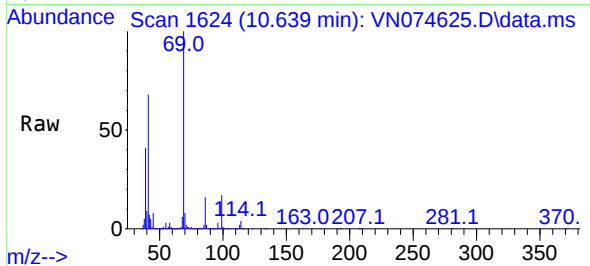
Tgt Ion: 97 Resp: 1336979
Ion Ratio Lower Upper
97 100
83 87.9 69.2 103.8
85 55.8 41.4 62.2
99 61.5 46.3 69.5





#51
Ethyl methacrylate
Concen: 100.583 ug/l
RT: 10.639 min Scan# 1624
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

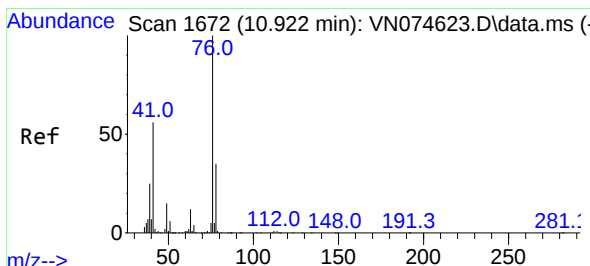
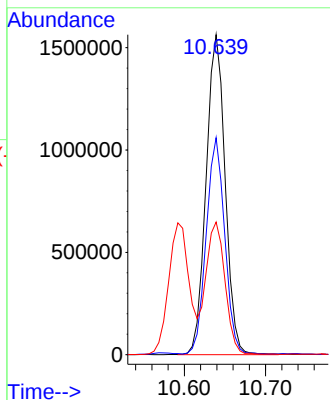
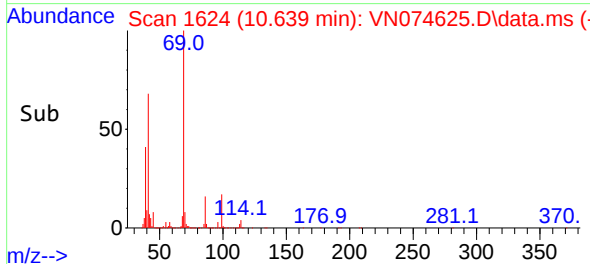
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



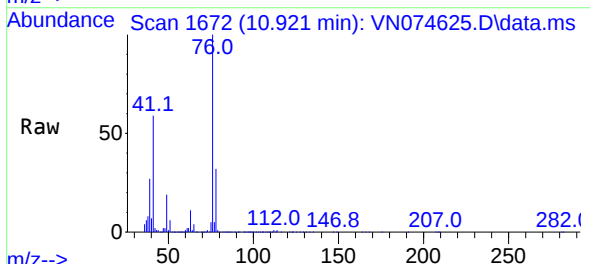
Tgt Ion: 69 Resp: 2545270
Ion Ratio Lower Upper
69 100
41 67.6 32.5 97.5
39 41.4 21.5 64.5

Manual Integrations
APPROVED

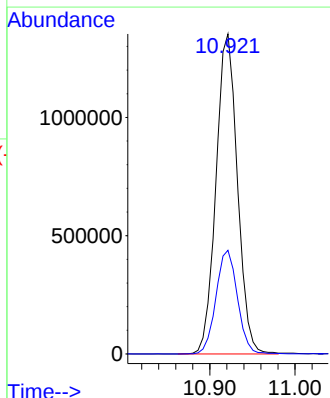
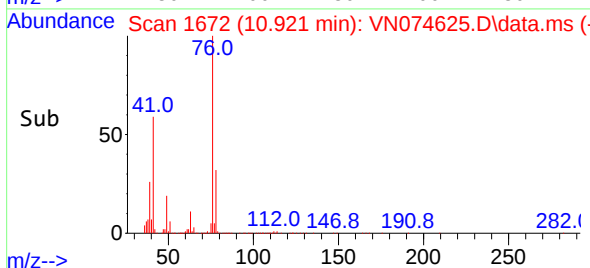
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

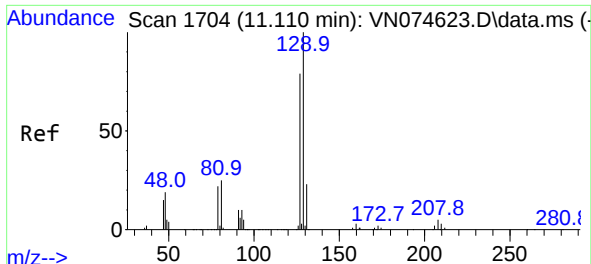


#52
1,3-Dichloropropane
Concen: 98.792 ug/l
RT: 10.921 min Scan# 1672
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



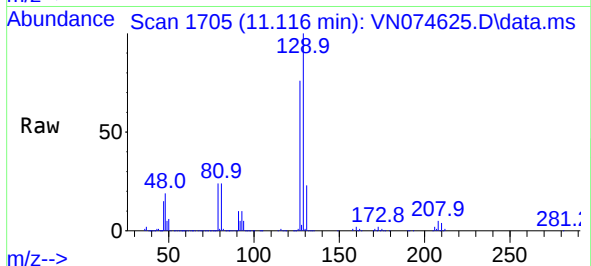
Tgt Ion: 76 Resp: 2363062
Ion Ratio Lower Upper
76 100
78 32.5 0.0 63.8





#53
Dibromochloromethane
Concen: 102.269 ug/l
RT: 11.116 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

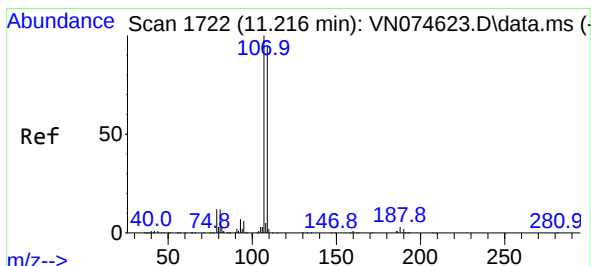
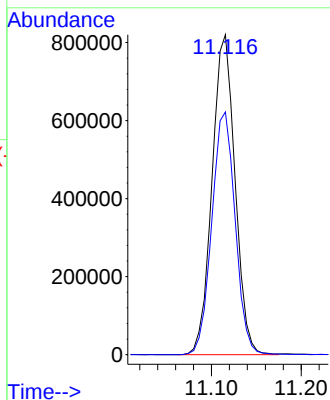
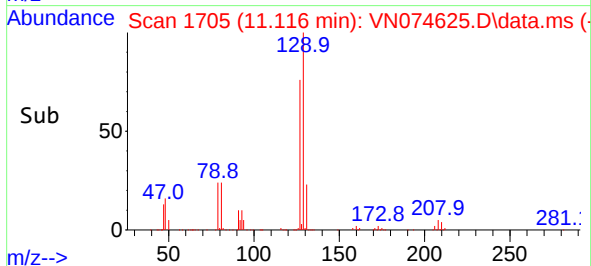
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



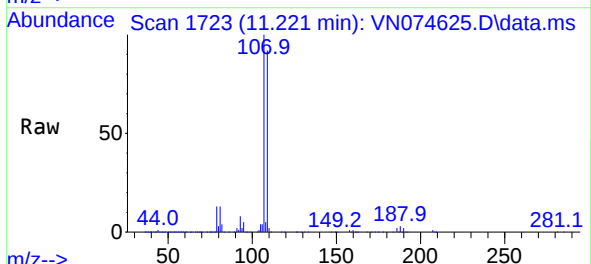
Tgt Ion:129 Resp: 145866
Ion Ratio Lower Upper
129 100
127 77.1 40.6 121.7

Manual Integrations
APPROVED

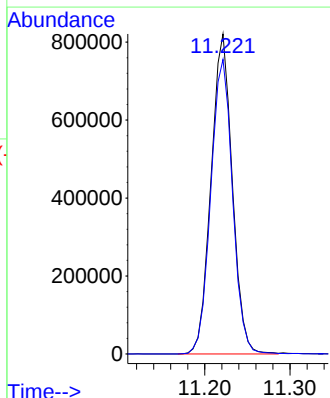
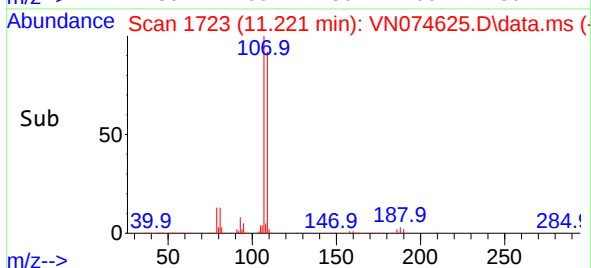
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

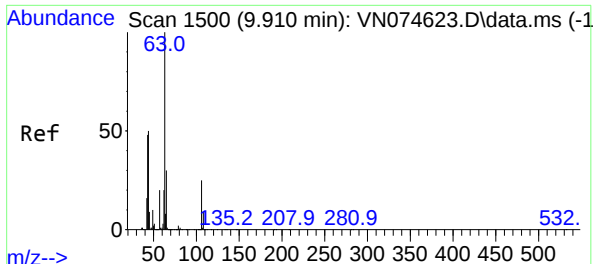


#54
1,2-Dibromoethane
Concen: 101.660 ug/l
RT: 11.221 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



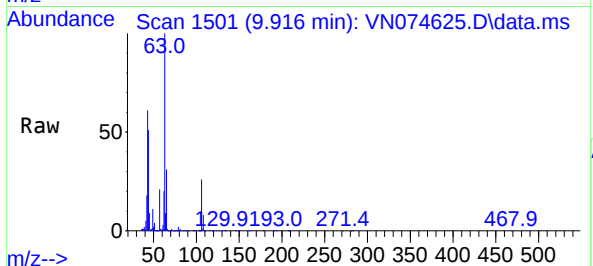
Tgt Ion:107 Resp: 1419310
Ion Ratio Lower Upper
107 100
109 93.9 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 512.169 ug/l
RT: 9.916 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

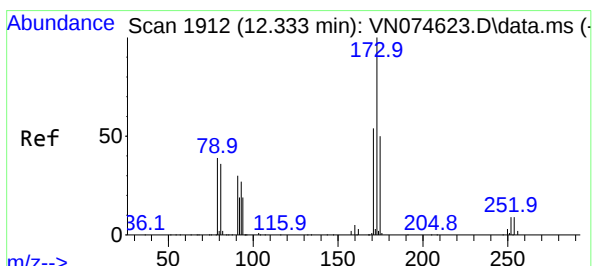
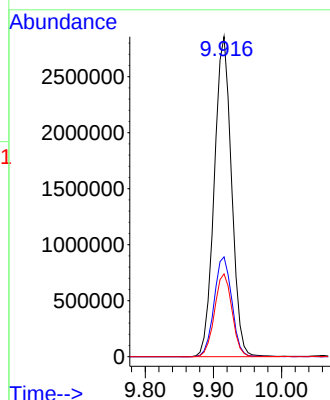
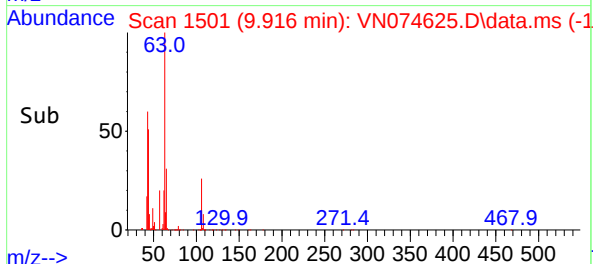
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



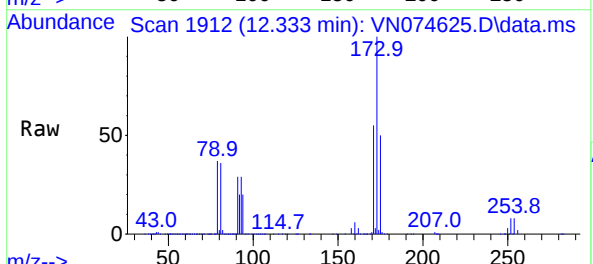
Tgt Ion: 63 Resp: 502969
Ion Ratio Lower Upper
63 100
65 31.8 24.6 36.8
106 26.2 21.3 31.9

Manual Integrations
APPROVED

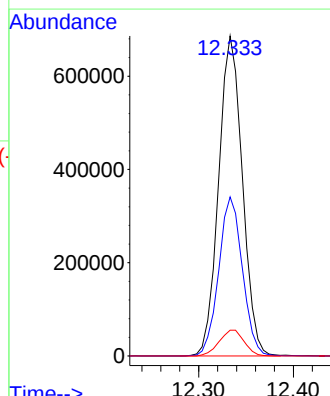
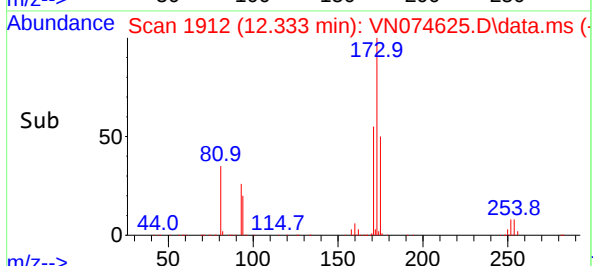
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

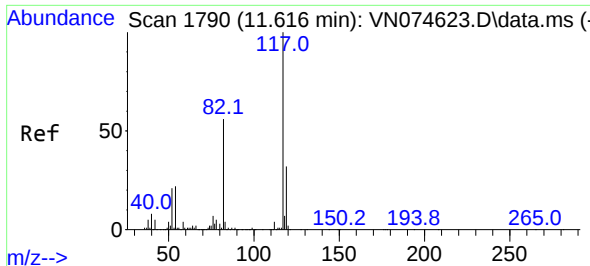


#56
Bromoform
Concen: 107.296 ug/l
RT: 12.333 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



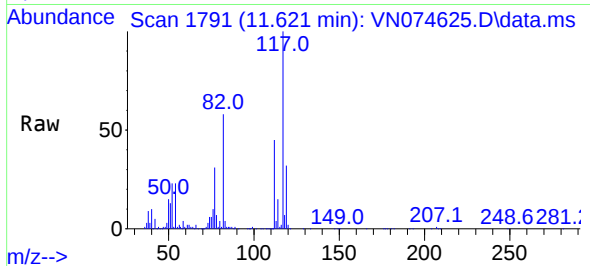
Tgt Ion:173 Resp: 1196193
Ion Ratio Lower Upper
173 100
175 49.6 39.1 58.7
254 8.5 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.621 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

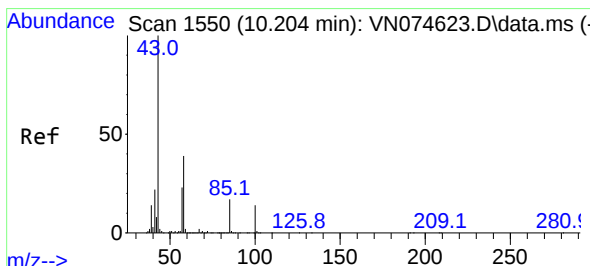
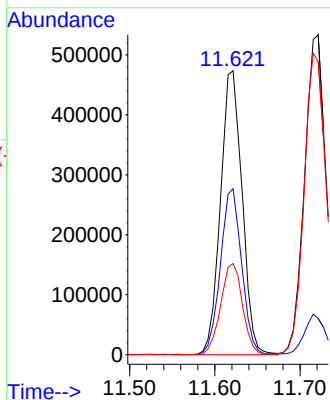
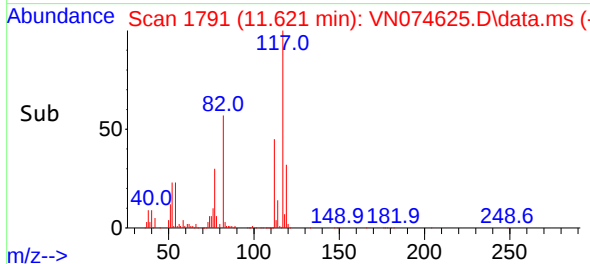
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



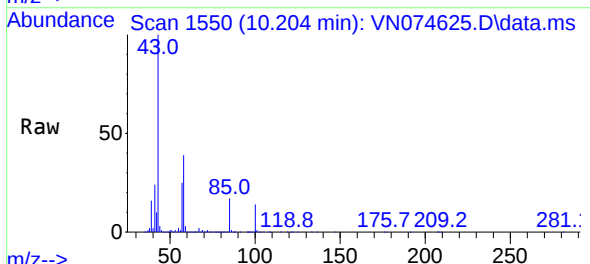
Tgt Ion: 117 Resp: 83472
Ion Ratio Lower Upper
117 100
82 57.2 44.6 67.0
119 32.3 25.6 38.4

Manual Integrations
APPROVED

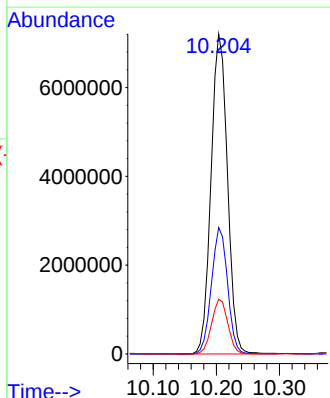
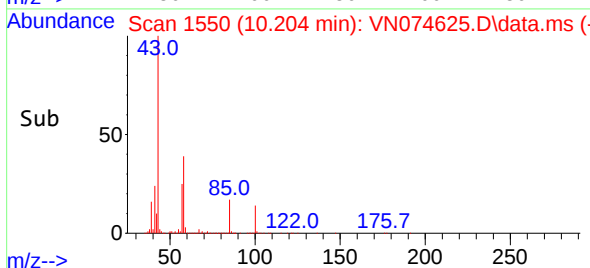
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

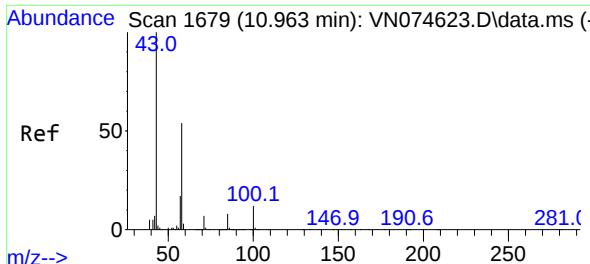


#58
4-Methyl-2-Pentanone
Concen: 502.011 ug/l
RT: 10.204 min Scan# 1550
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



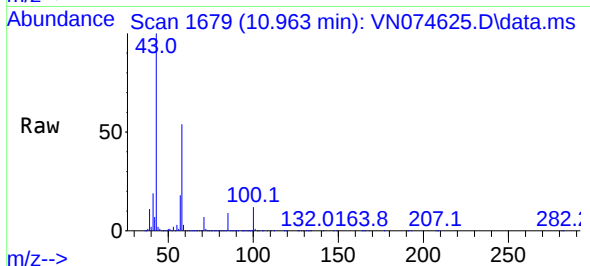
Tgt Ion: 43 Resp: 13004347
Ion Ratio Lower Upper
43 100
58 38.8 30.8 46.2
85 16.9 13.3 19.9





#59
2-Hexanone
Concen: 501.263 ug/l
RT: 10.963 min Scan# 1057138
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

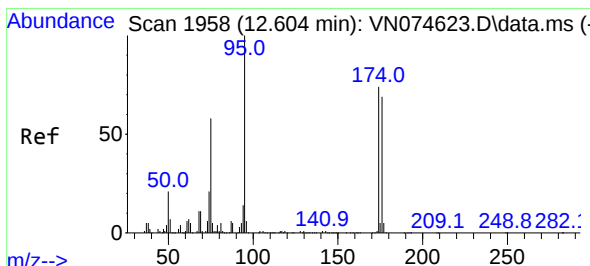
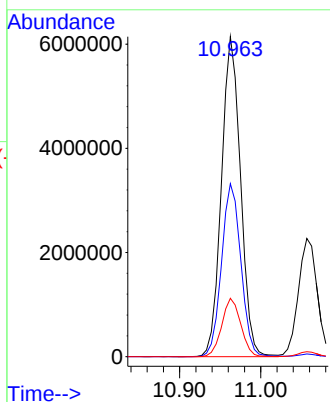
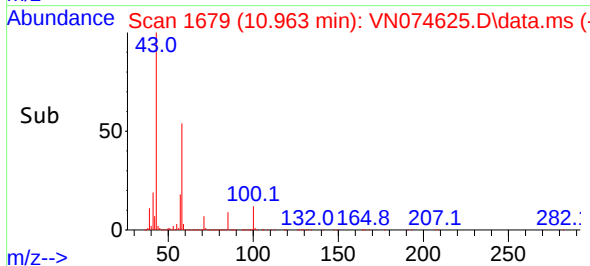
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



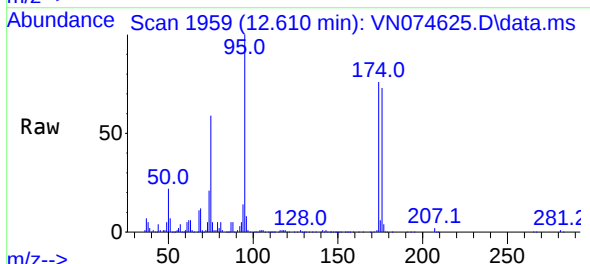
Tgt Ion: 43 Resp:10057138
Ion Ratio Lower Upper
43 100
58 54.7 43.6 65.4
57 18.2 14.3 21.5

Manual Integrations
APPROVED

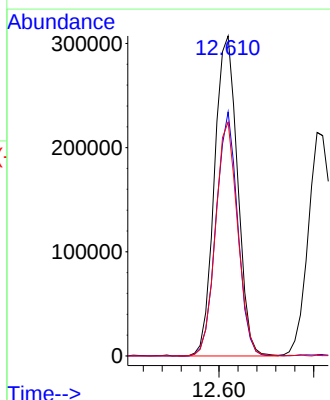
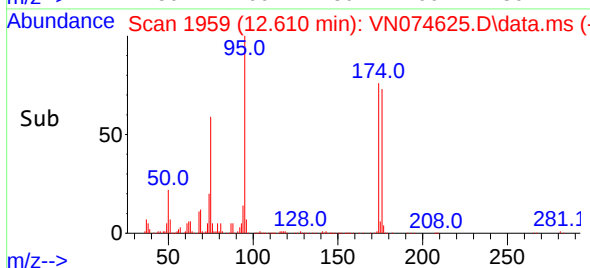
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

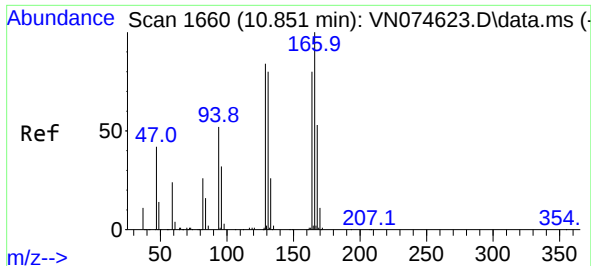


#60
4-Bromofluorobenzene
Concen: 32.035 ug/l
RT: 12.610 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



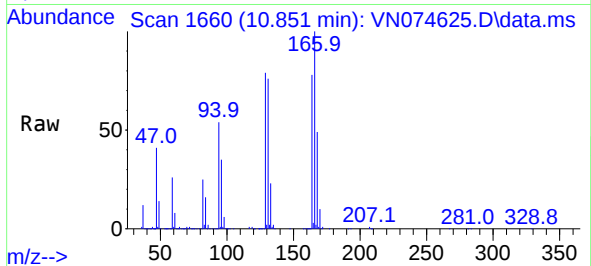
Tgt Ion: 95 Resp: 519425
Ion Ratio Lower Upper
95 100
174 71.3 57.8 86.8
176 70.3 57.0 85.4





#61
Tetrachloroethene
Concen: 97.099 ug/l
RT: 10.851 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

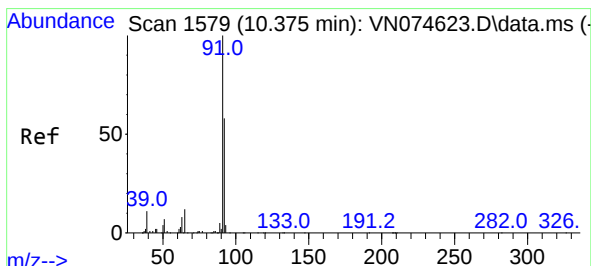
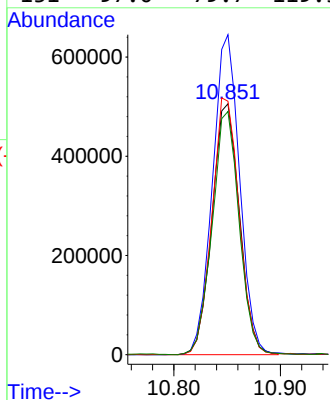
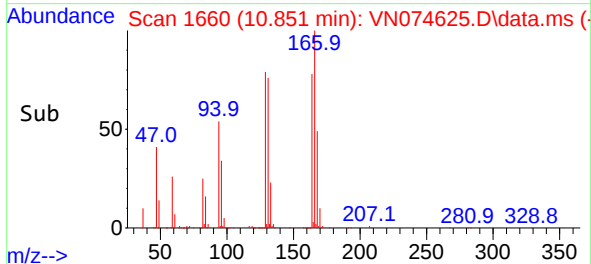
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



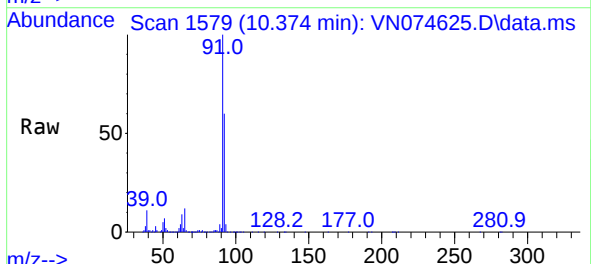
Tgt Ion:164 Resp: 904140
Ion Ratio Lower Upper
164 100
166 127.4 99.6 149.4
129 100.9 84.0 126.0
131 97.0 79.7 119.5

Manual Integrations
APPROVED

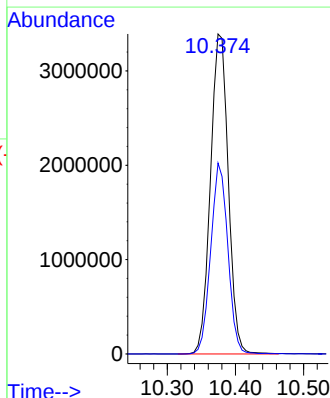
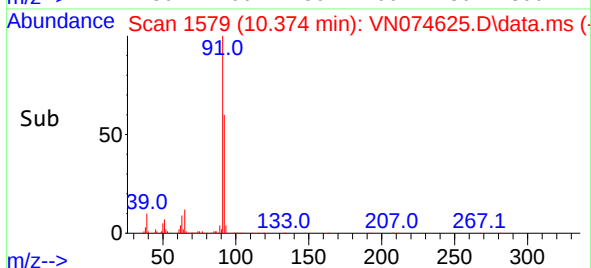
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

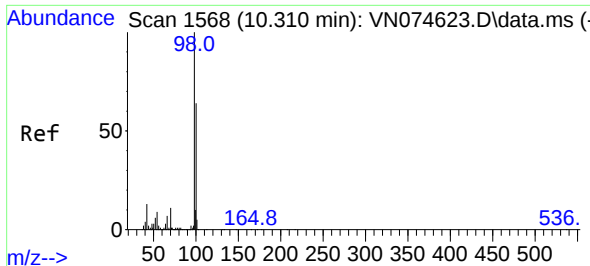


#62
Toluene
Concen: 100.927 ug/l
RT: 10.374 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



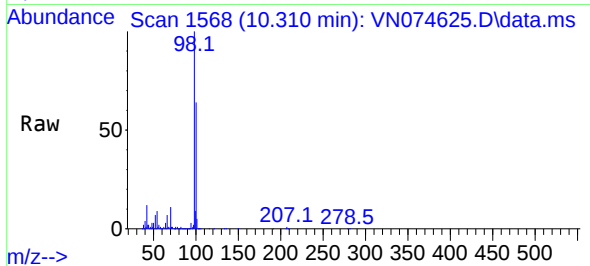
Tgt Ion: 91 Resp: 6168936
Ion Ratio Lower Upper
91 100
92 57.2 46.0 69.0





#63
Toluene-d8
Concen: 29.979 ug/l
RT: 10.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

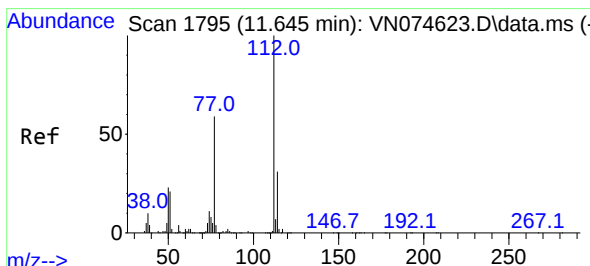
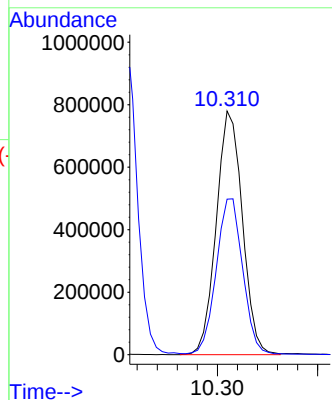
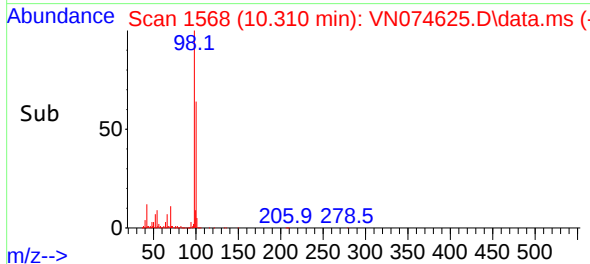
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



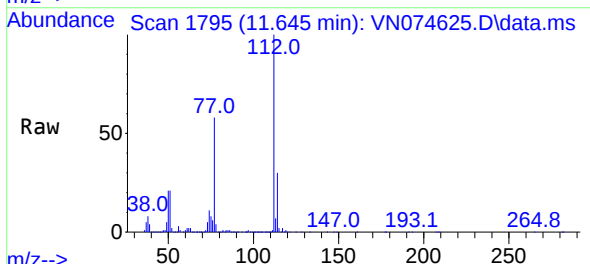
Tgt Ion: 98 Resp: 141148
Ion Ratio Lower Upper
98 100
100 64.3 52.7 79.1

Manual Integrations
APPROVED

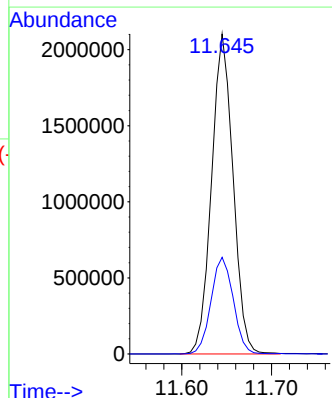
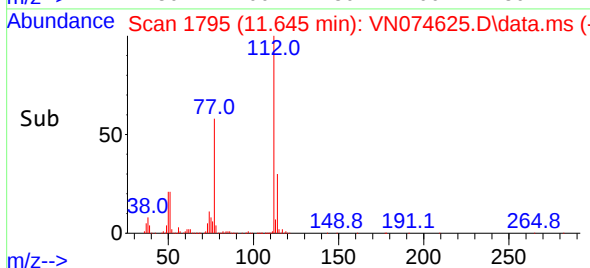
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

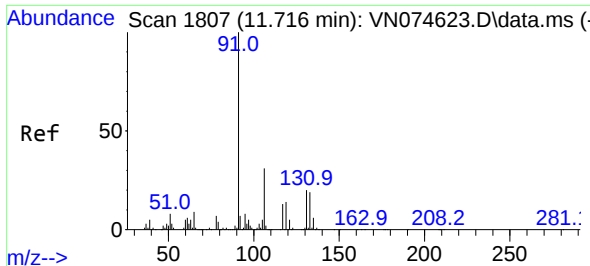


#64
Chlorobenzene
Concen: 99.899 ug/l
RT: 11.645 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



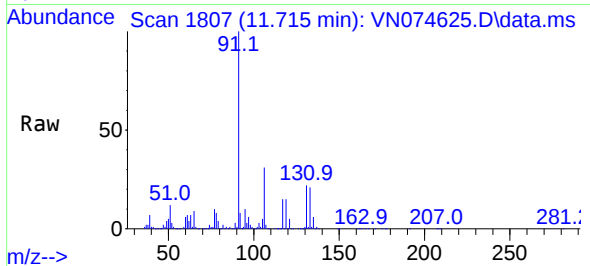
Tgt Ion:112 Resp: 3498851
Ion Ratio Lower Upper
112 100
114 30.2 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 100.225 ug/l
RT: 11.715 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

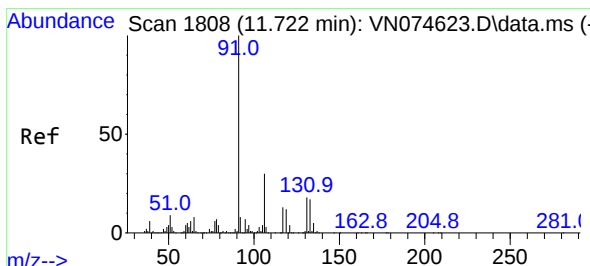
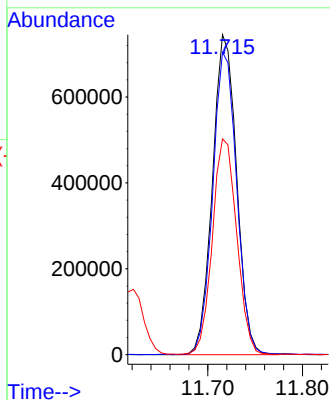
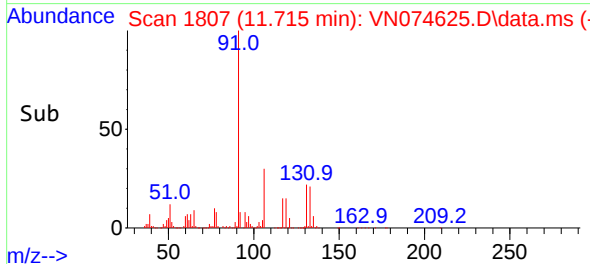
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



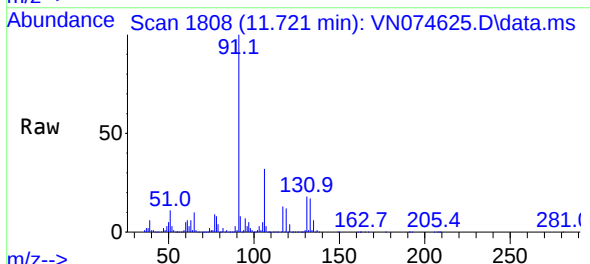
Tgt Ion:131 Resp: 1318908
Ion Ratio Lower Upper
131 100
133 94.1 0.0 191.8
119 68.2 0.0 135.8

Manual Integrations
APPROVED

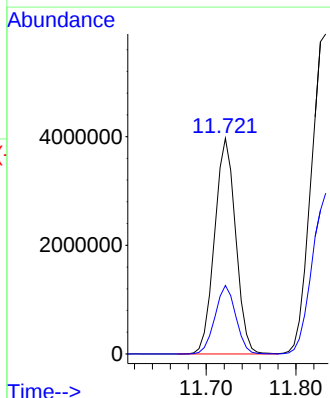
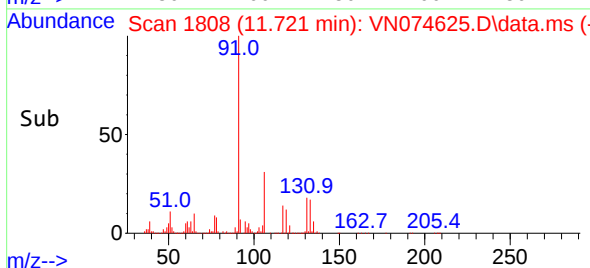
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

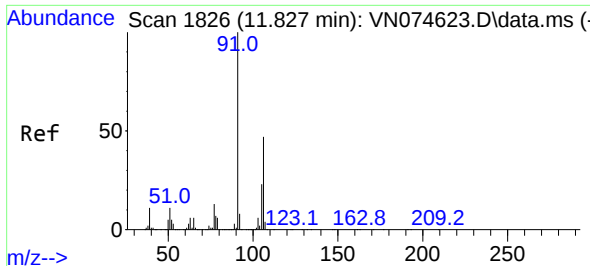


#66
Ethyl Benzene
Concen: 99.576 ug/l
RT: 11.721 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



Tgt Ion: 91 Resp: 6463145
Ion Ratio Lower Upper
91 100
106 31.8 24.1 36.1





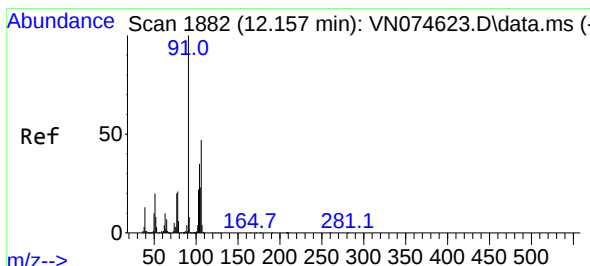
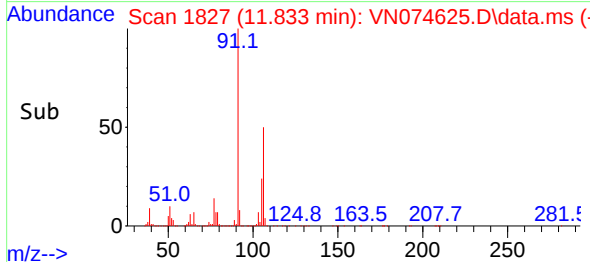
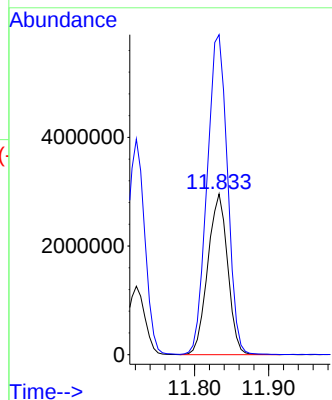
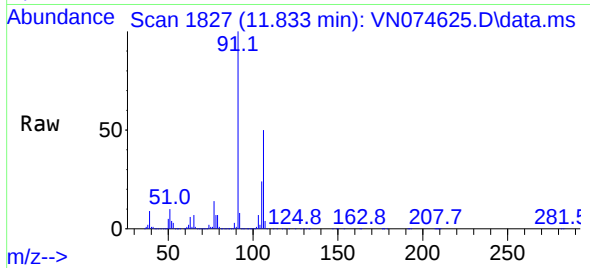
#67
m/p-Xylenes
Concen: 211.263 ug/l
RT: 11.833 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 550560
Ion Ratio Lower Upper
106 100
91 204.5 164.2 246.4

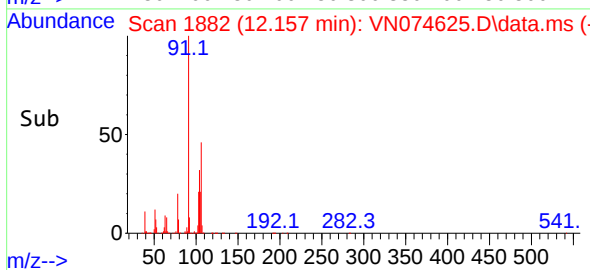
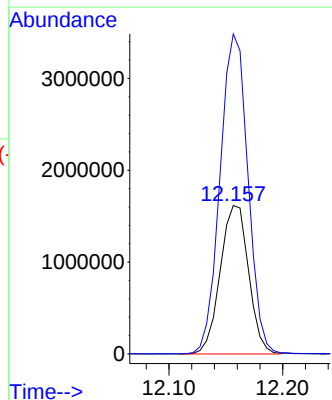
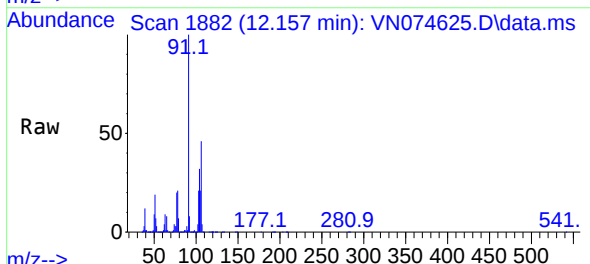
Manual Integrations
APPROVED

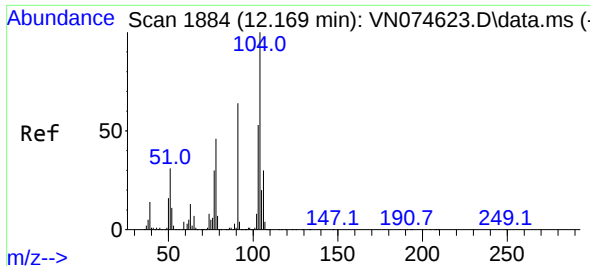
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#68
o-Xylene
Concen: 105.477 ug/l
RT: 12.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

Tgt Ion:106 Resp: 2798647
Ion Ratio Lower Upper
106 100
91 212.6 108.5 325.5





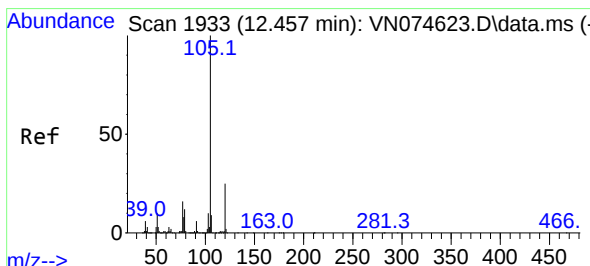
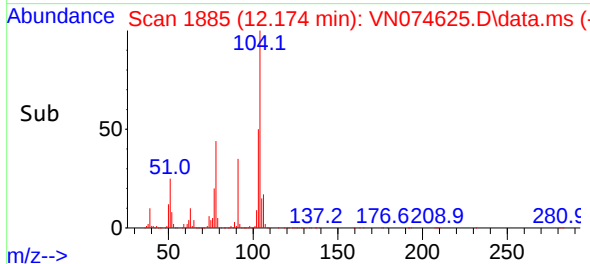
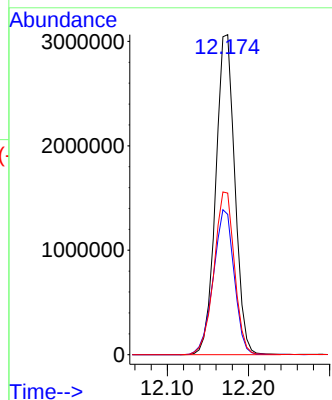
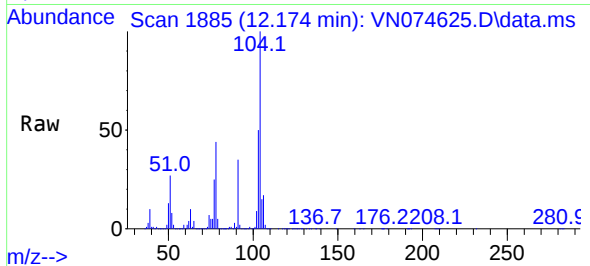
#69
Styrene
Concen: 112.642 ug/l
RT: 12.174 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:104 Resp: 5028223
Ion Ratio Lower Upper
104 100
78 49.3 39.9 59.9
103 54.4 43.8 65.8

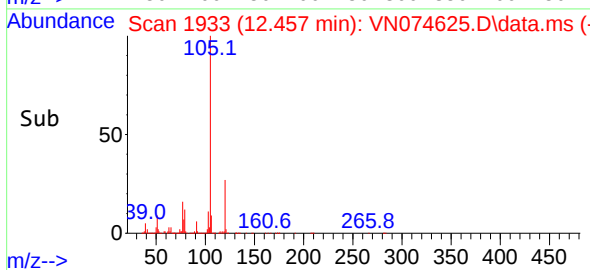
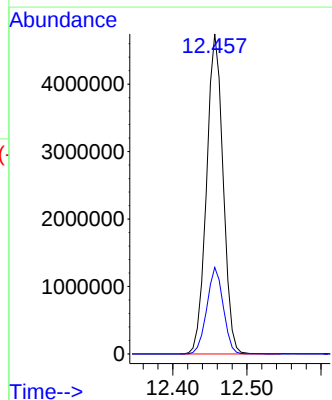
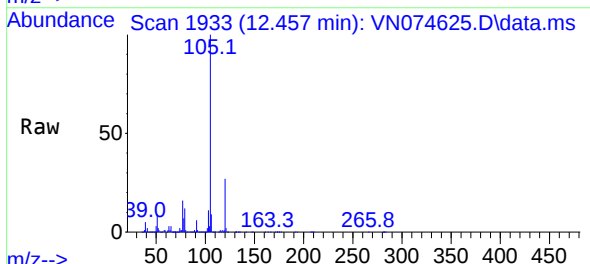
Manual Integrations
APPROVED

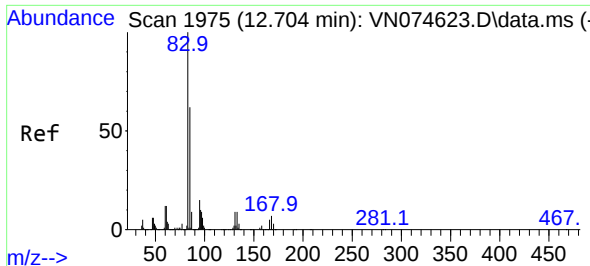
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#70
Isopropylbenzene
Concen: 108.613 ug/l
RT: 12.457 min Scan# 1933
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

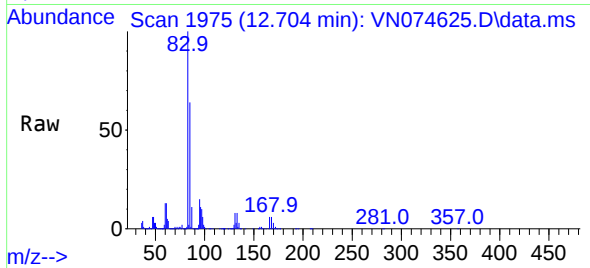
Tgt Ion:105 Resp: 7352474
Ion Ratio Lower Upper
105 100
120 26.8 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 99.318 ug/l
RT: 12.704 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

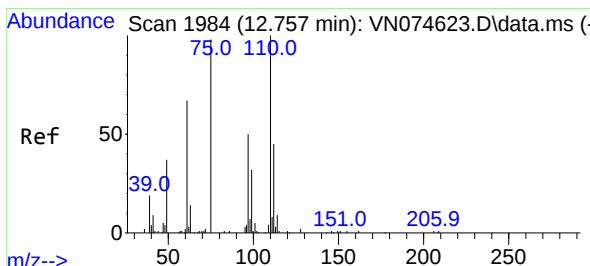
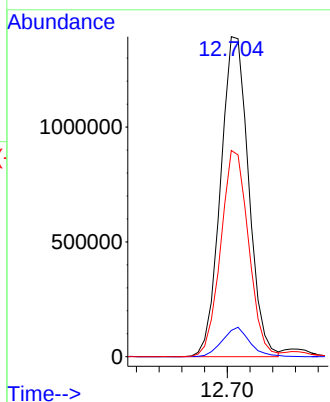
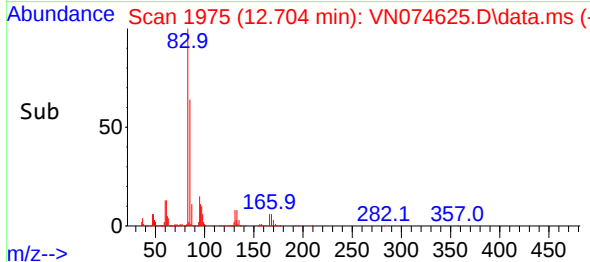
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



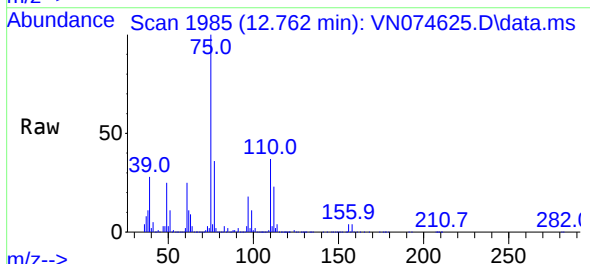
Tgt Ion: 83 Resp: 238660
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.5
85 64.1 30.9 92.7

Manual Integrations
APPROVED

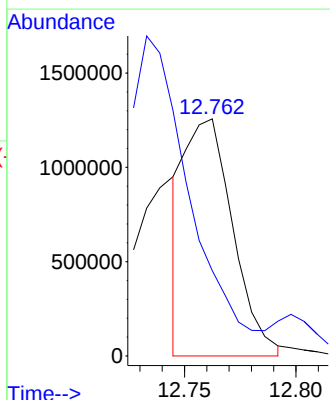
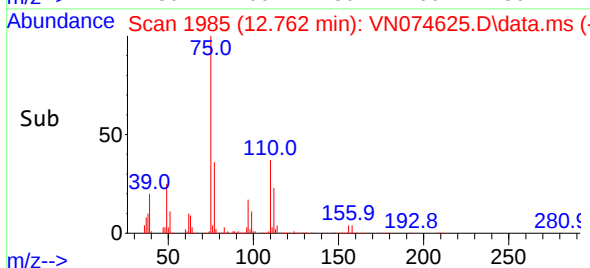
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

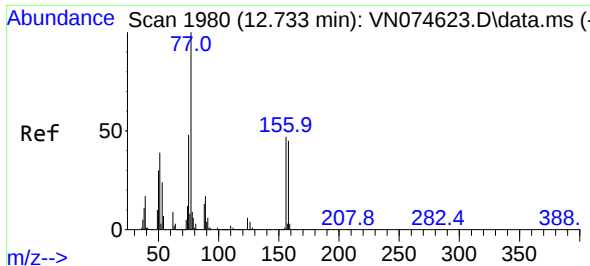


#72
1,2,3-Trichloropropane
Concen: 65.539 ug/l m
RT: 12.762 min Scan# 1985
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



Tgt Ion: 75 Resp: 1903639
Ion Ratio Lower Upper
75 100
77 184.3 0.0 372.4





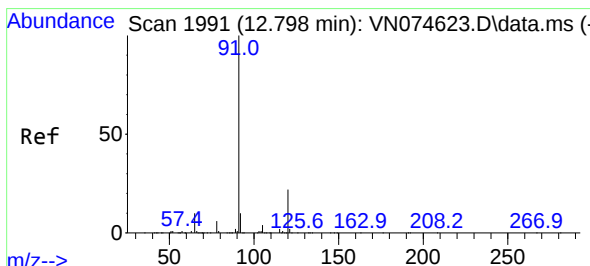
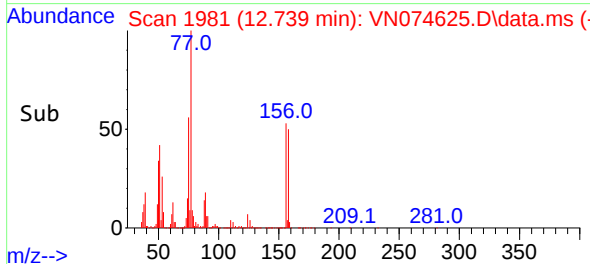
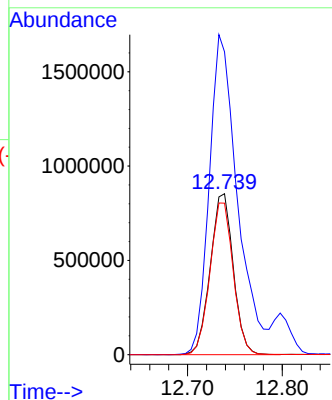
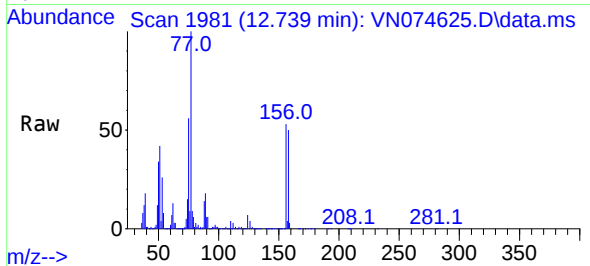
#73
Bromobenzene
Concen: 105.788 ug/l
RT: 12.739 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 143889
Ion Ratio Lower Upper
156 100
77 243.9 0.0 491.8
158 95.5 0.0 185.0

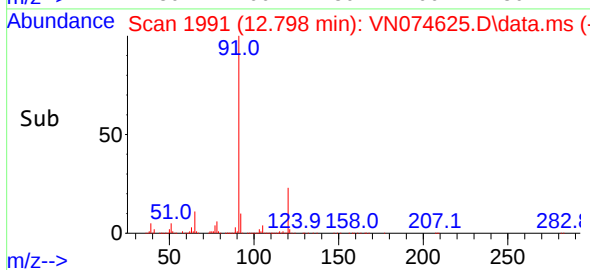
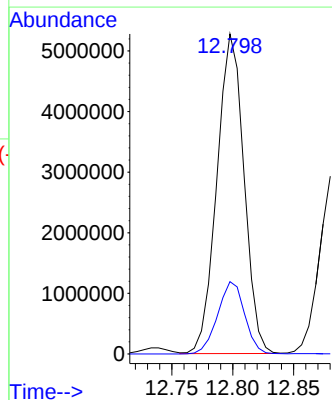
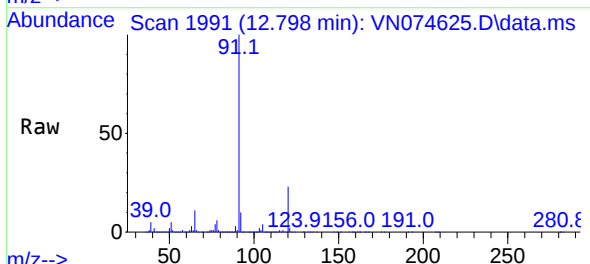
Manual Integrations
APPROVED

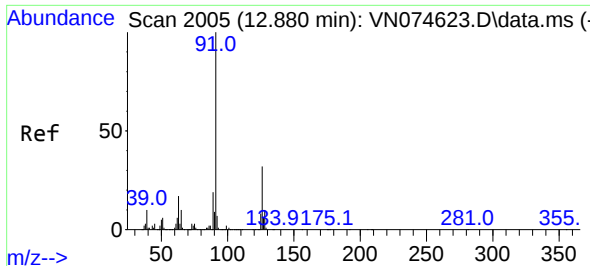
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#74
n-propylbenzene
Concen: 107.080 ug/l
RT: 12.798 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

Tgt Ion: 91 Resp: 8167791
Ion Ratio Lower Upper
91 100
120 22.5 0.0 44.6





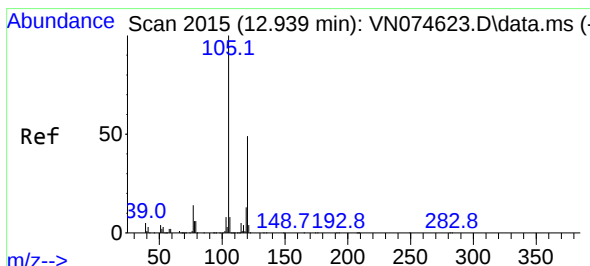
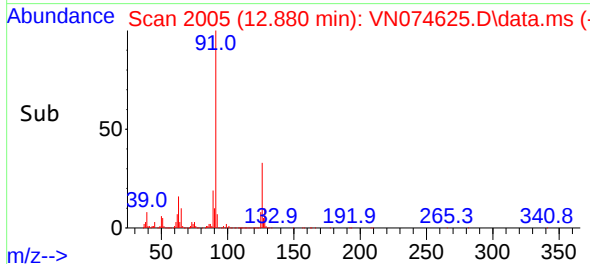
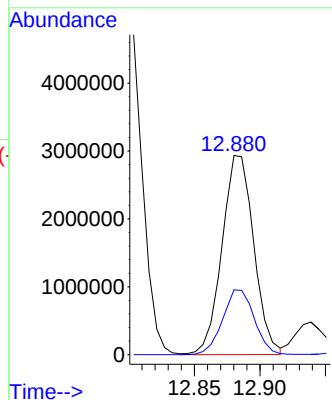
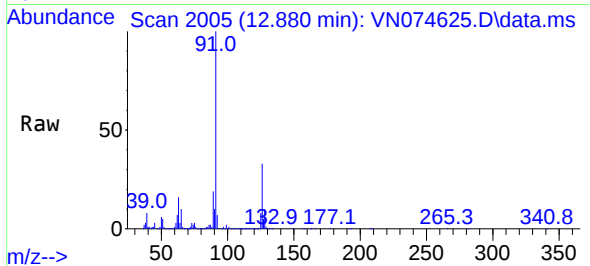
#75
2-Chlorotoluene
Concen: 107.000 ug/l
RT: 12.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 495090
Ion Ratio Lower Upper
91 100
126 32.5 0.0 66.2

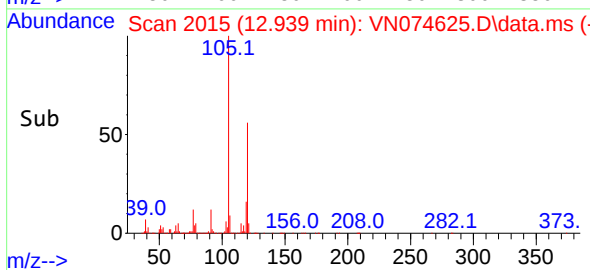
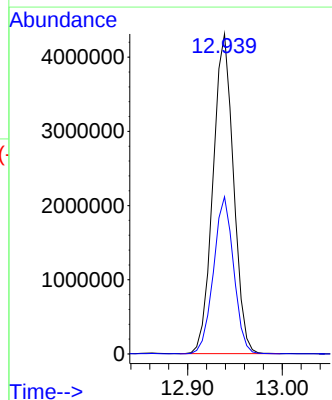
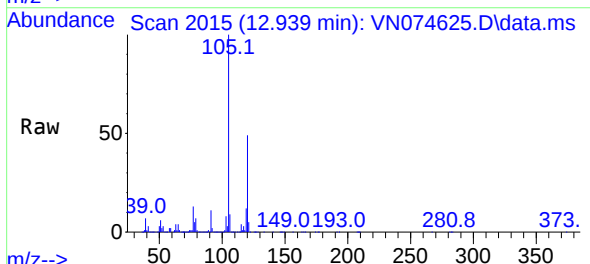
Manual Integrations
APPROVED

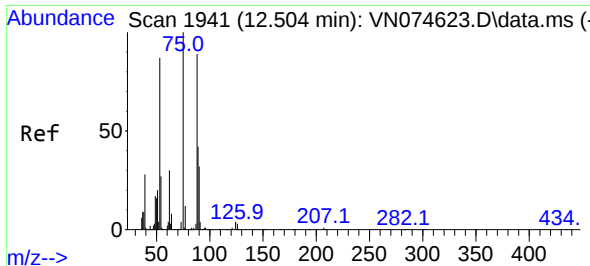
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 113.627 ug/l
RT: 12.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

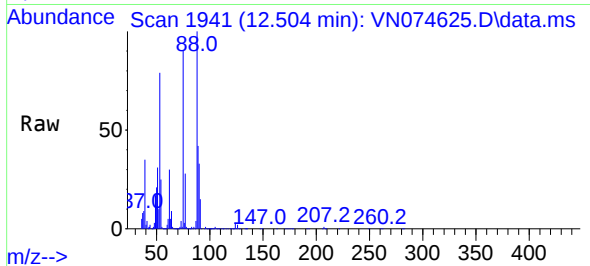
Tgt Ion:105 Resp: 6485526
Ion Ratio Lower Upper
105 100
120 48.4 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 108.156 ug/l
RT: 12.504 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

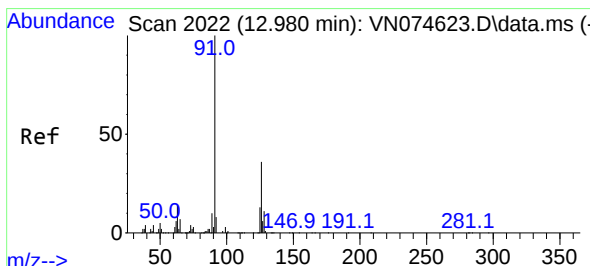
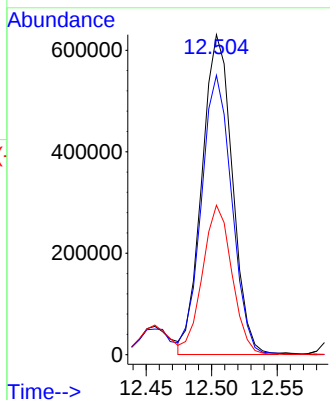
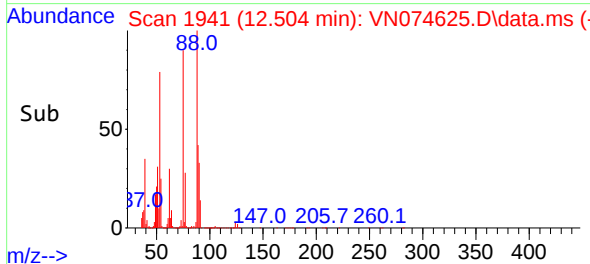
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 1019070
Ion Ratio Lower Upper
75 100
53 87.2 43.3 129.9
89 46.8 21.1 63.1

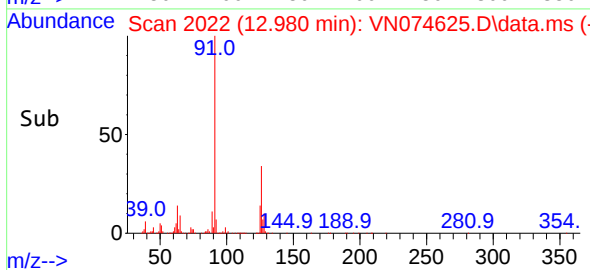
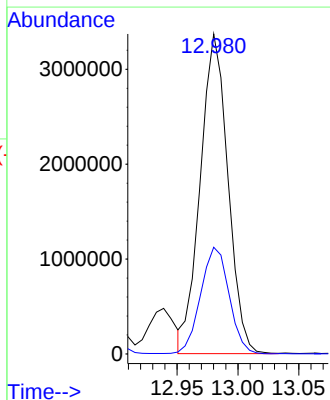
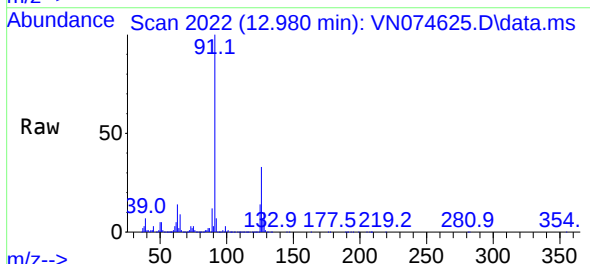
Manual Integrations
APPROVED

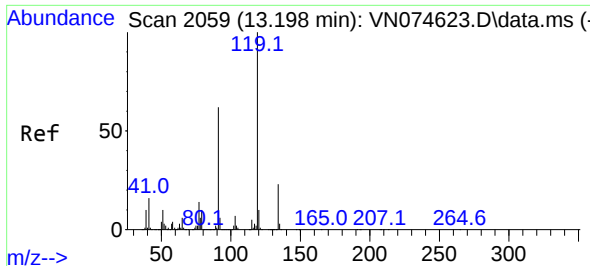
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#78
4-Chlorotoluene
Concen: 114.876 ug/l
RT: 12.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

Tgt Ion: 91 Resp: 5326836
Ion Ratio Lower Upper
91 100
126 34.5 0.0 67.8





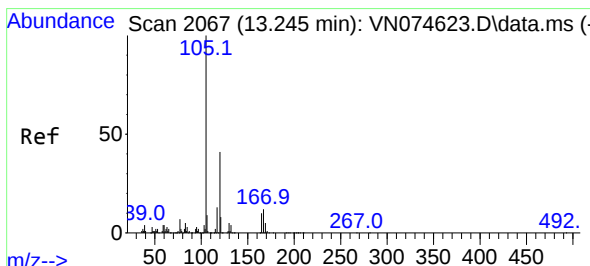
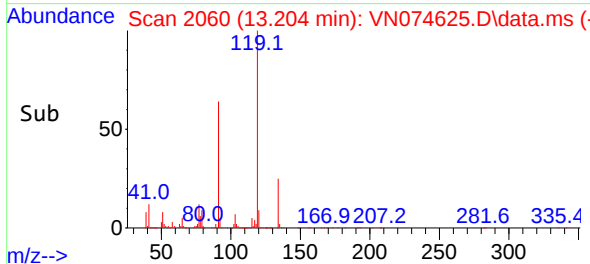
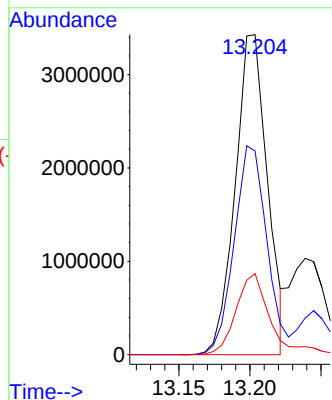
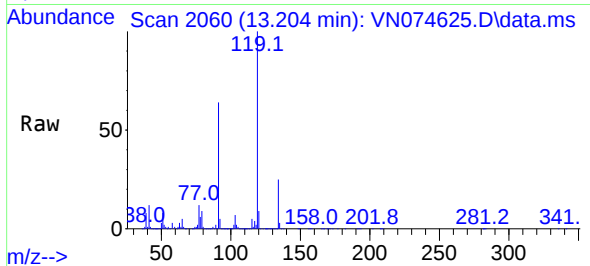
#79
tert-butylbenzene
Concen: 108.219 ug/l
RT: 13.204 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 540420
Ion Ratio Lower Upper
119 100
91 66.3 0.0 129.0
134 25.4 0.0 52.2

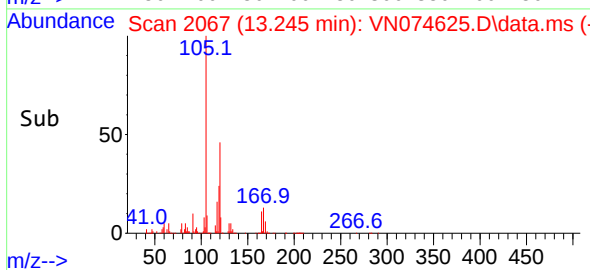
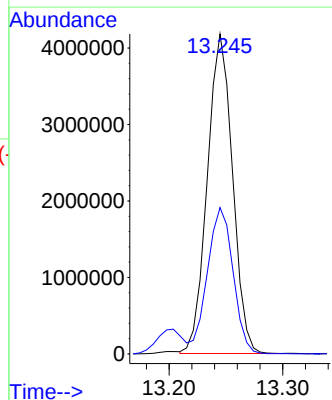
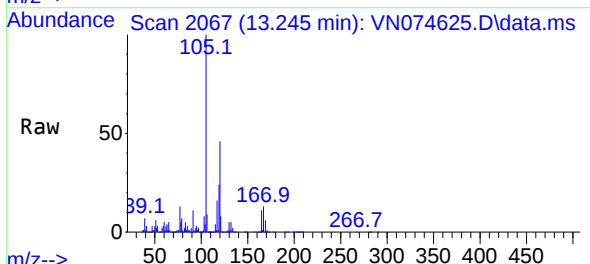
Manual Integrations
APPROVED

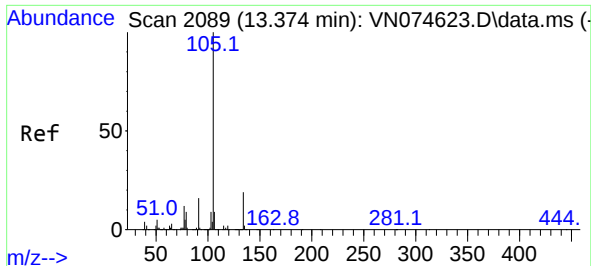
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#80
1,2,4-Trimethylbenzene
Concen: 114.237 ug/l
RT: 13.245 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

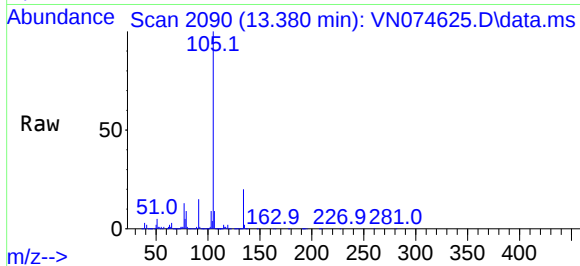
Tgt Ion:105 Resp: 6440072
Ion Ratio Lower Upper
105 100
120 46.7 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 114.253 ug/l
 RT: 13.380 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VN074625.D
 Acq: 27 Sep 2022 13:17

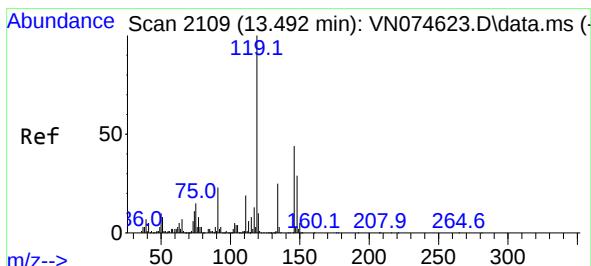
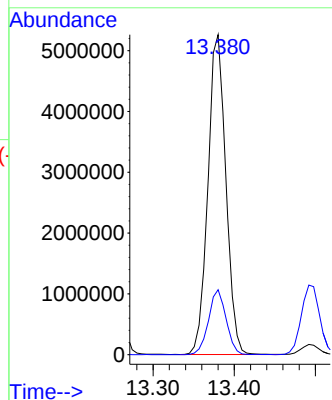
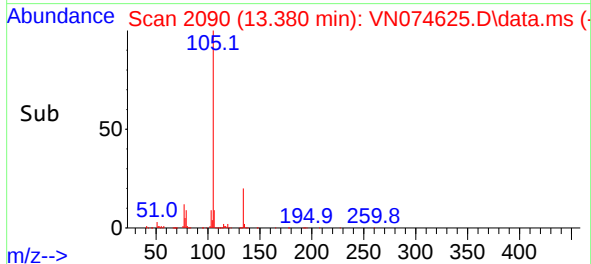
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion:105 Resp: 807290
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 38.8

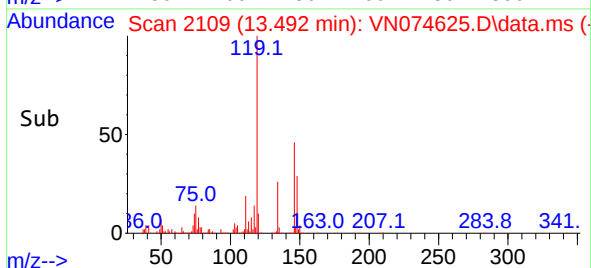
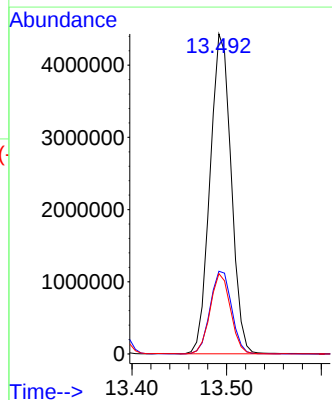
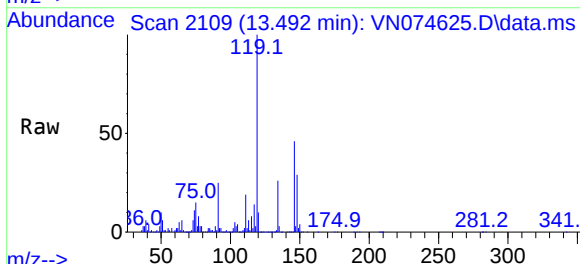
Manual Integrations
 APPROVED

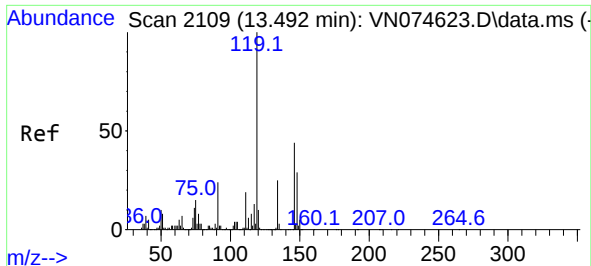
Reviewed By :John Carlone 09/28/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#82
 p-Isopropyltoluene
 Concen: 117.815 ug/l
 RT: 13.492 min Scan# 2109
 Delta R.T. -0.000 min
 Lab File: VN074625.D
 Acq: 27 Sep 2022 13:17

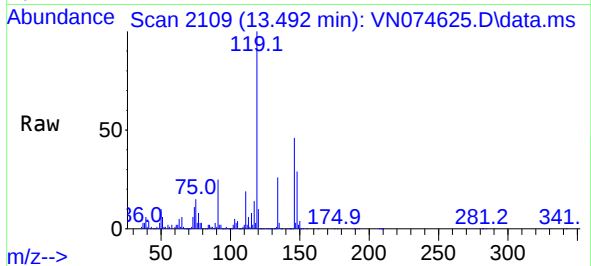
Tgt Ion:119 Resp: 6851678
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 51.4
 91 24.2 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 117.594 ug/l
RT: 13.492 min Scan# 2109
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

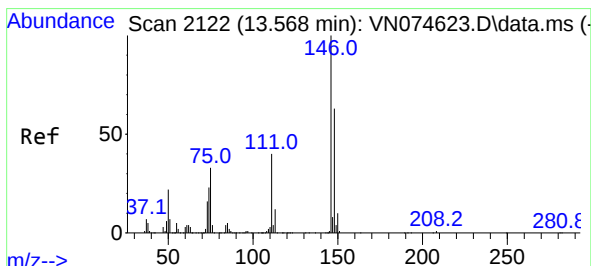
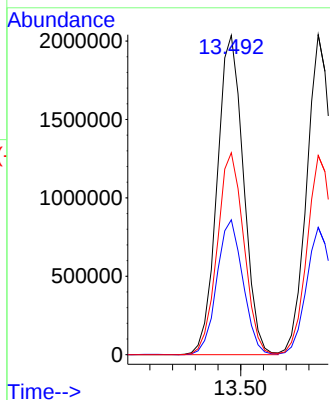
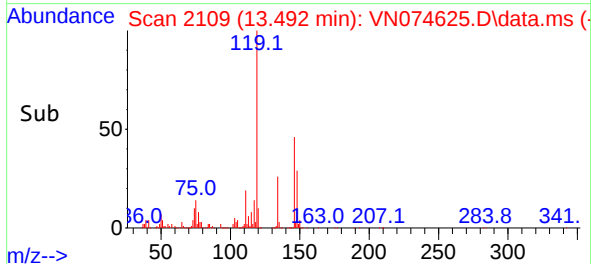
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



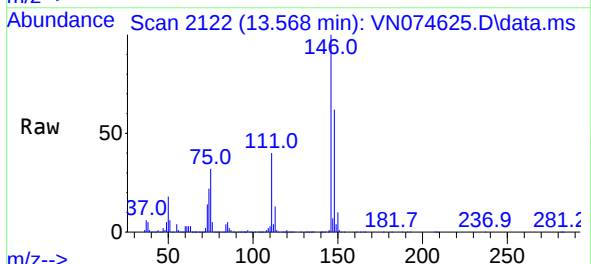
Tgt Ion:146 Resp: 328704
Ion Ratio Lower Upper
146 100
111 41.8 20.5 61.5
148 63.8 31.0 93.0

Manual Integrations
APPROVED

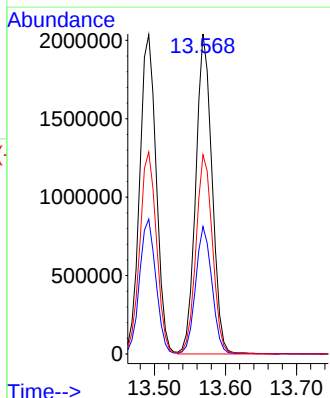
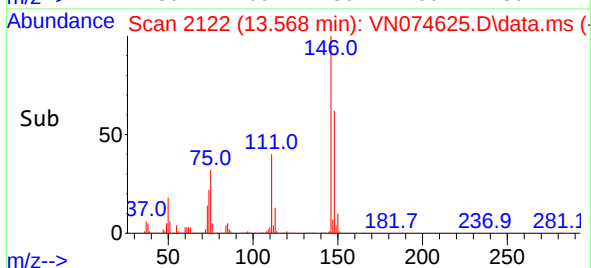
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

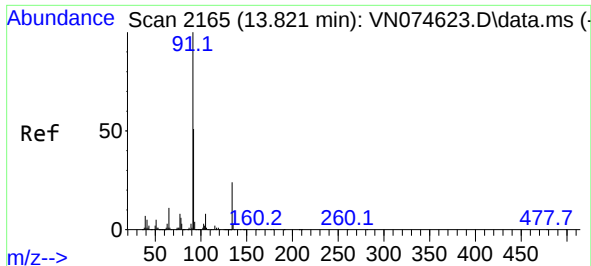


#84
1,4-Dichlorobenzene
Concen: 117.019 ug/l
RT: 13.568 min Scan# 2122
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



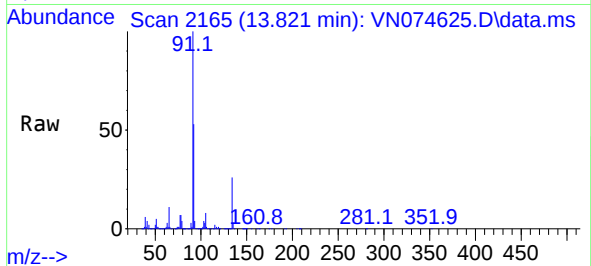
Tgt Ion:146 Resp: 3253306
Ion Ratio Lower Upper
146 100
111 39.5 19.1 57.5
148 63.2 31.7 95.1





#85
n-Butylbenzene
Concen: 113.448 ug/l
RT: 13.821 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

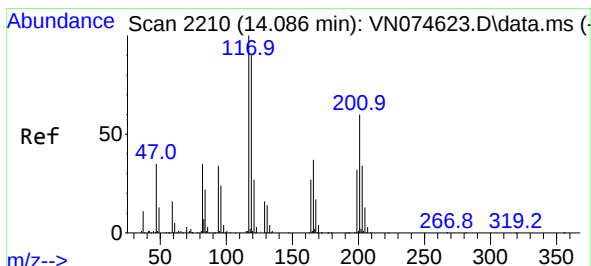
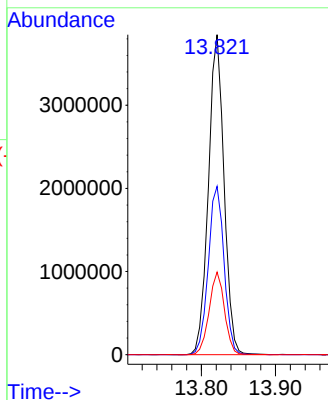
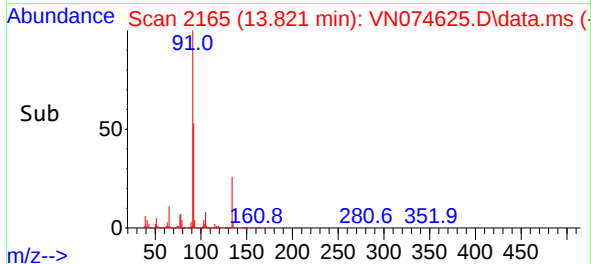
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 5628939
Ion Ratio Lower Upper
91 100
92 53.2 0.0 105.4
134 25.4 0.0 46.4

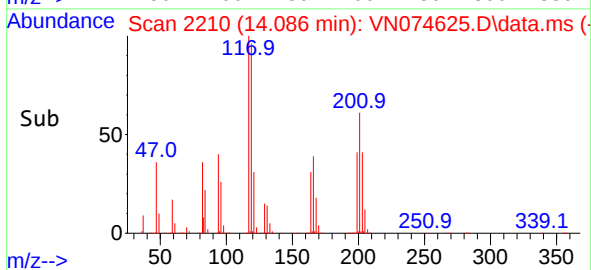
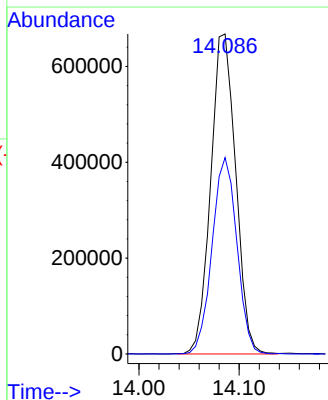
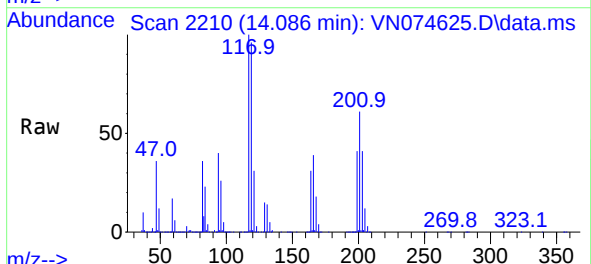
Manual Integrations
APPROVED

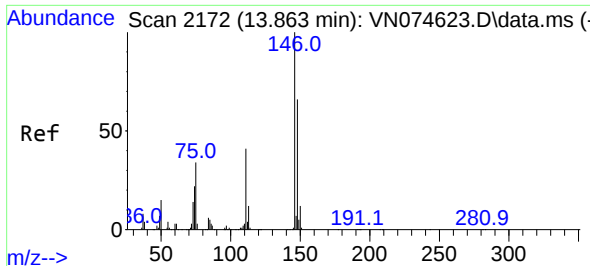
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#86
Hexachloroethane
Concen: 103.376 ug/l
RT: 14.086 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

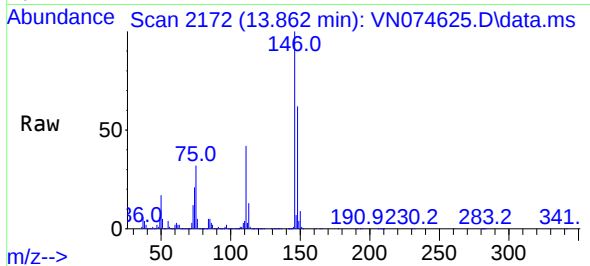
Tgt Ion:117 Resp: 1158026
Ion Ratio Lower Upper
117 100
201 60.8 29.4 88.3





#87
1,2-Dichlorobenzene
Concen: 115.757 ug/l
RT: 13.862 min Scan# 2172
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

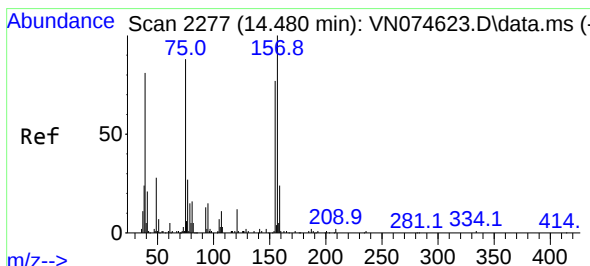
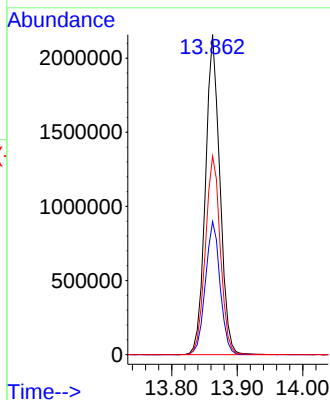
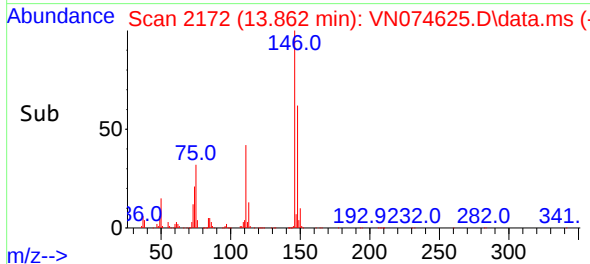
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



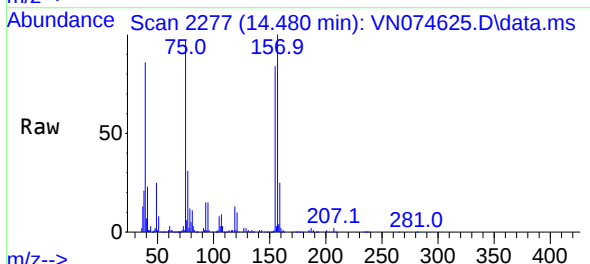
Tgt Ion:146 Resp: 3309788
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.2
148 64.2 30.6 92.0

Manual Integrations
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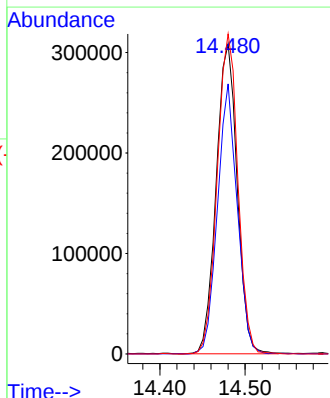
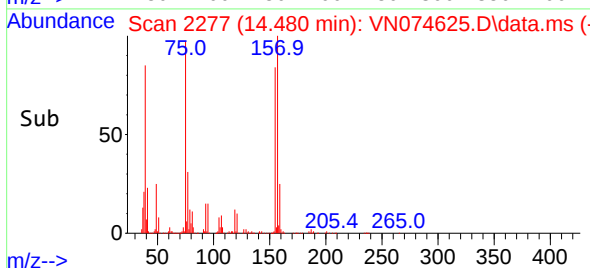
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

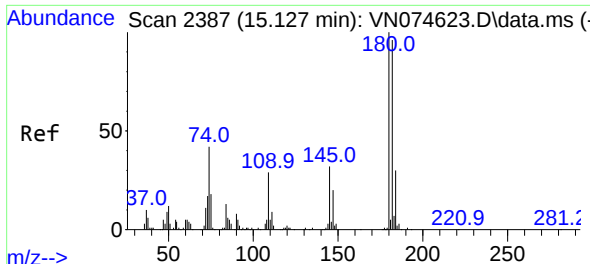


#88
1,2-Dibromo-3-Chloropropane
Concen: 104.832 ug/l
RT: 14.480 min Scan# 2277
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



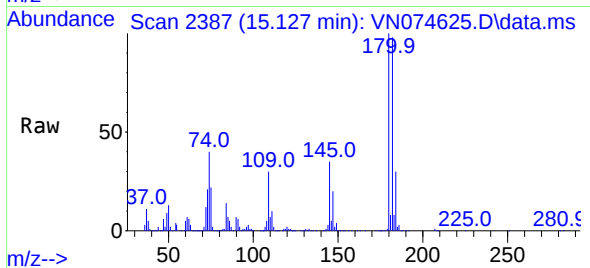
Tgt Ion: 75 Resp: 527573
Ion Ratio Lower Upper
75 100
155 82.0 66.3 99.5
157 101.7 84.3 126.5





#89
1,2,4-Trichlorobenzene
Concen: 108.801 ug/l
RT: 15.127 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

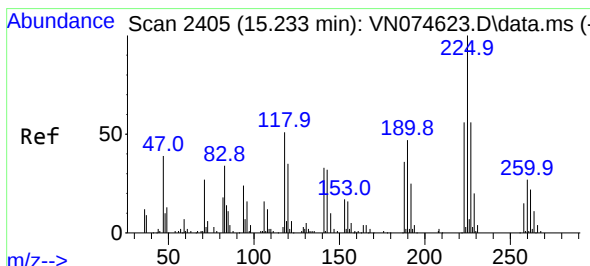
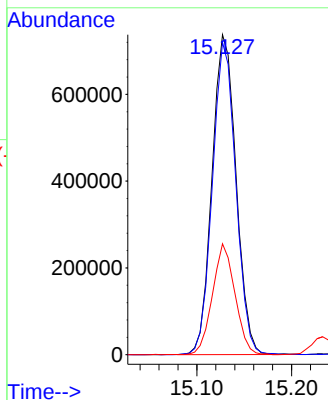
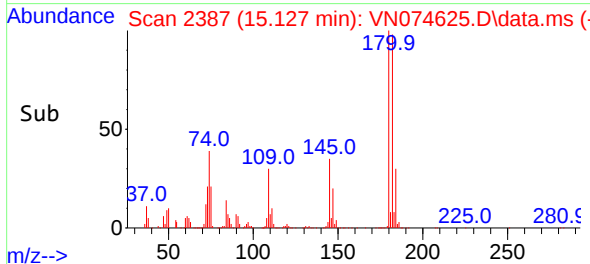
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



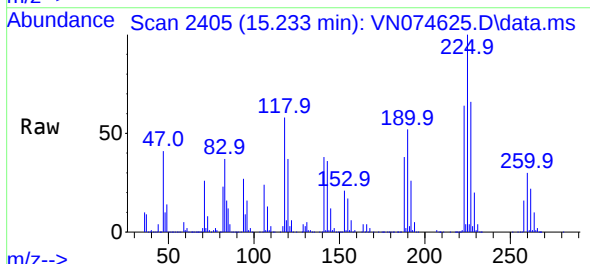
Tgt Ion:180 Resp: 1297524
Ion Ratio Lower Upper
180 100
182 95.4 74.9 112.3
145 32.6 26.3 39.5

Manual Integrations
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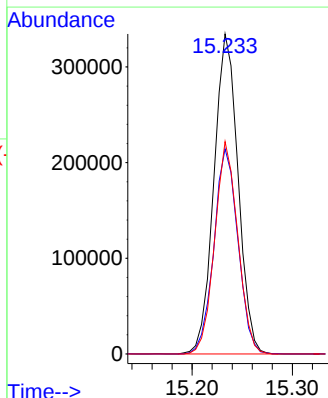
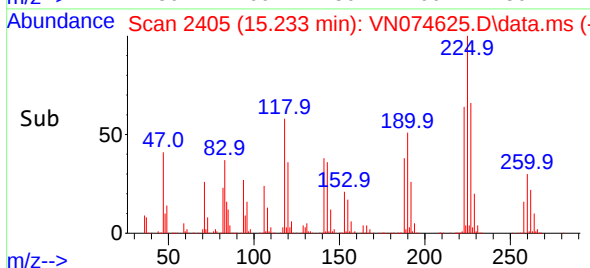
Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022

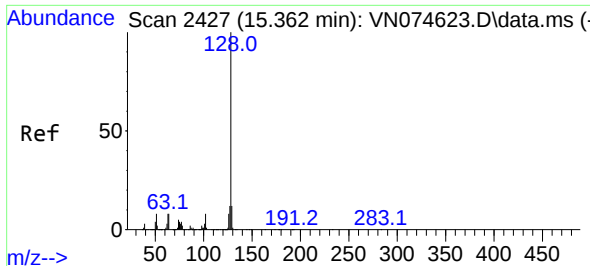


#90
Hexachlorobutadiene
Concen: 106.451 ug/l
RT: 15.233 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



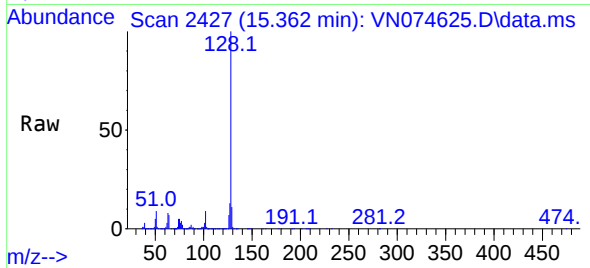
Tgt Ion:225 Resp: 559338
Ion Ratio Lower Upper
225 100
223 63.7 0.0 125.0
227 63.5 0.0 123.0





#91
Naphthalene
Concen: 108.791 ug/l
RT: 15.362 min Scan# 2427
Delta R.T. -0.000 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17

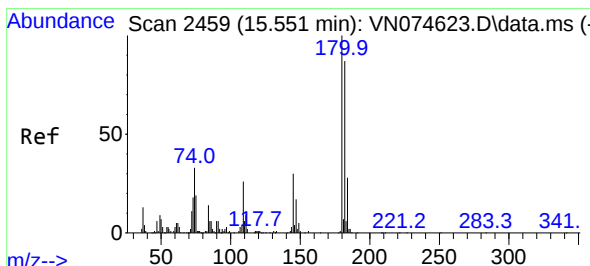
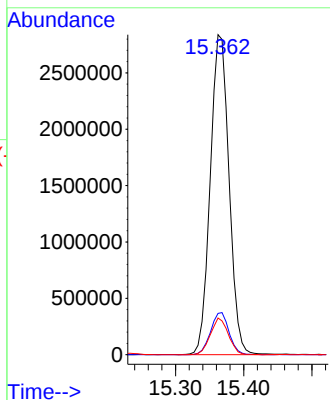
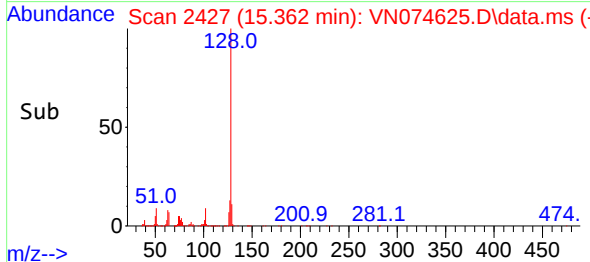
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



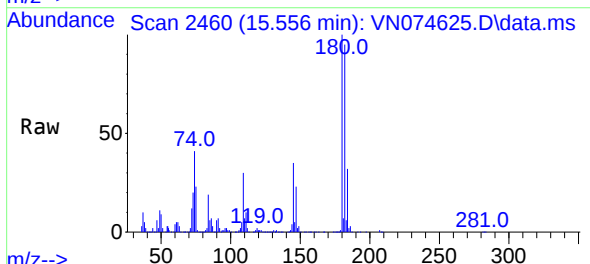
Tgt Ion:128 Resp: 5443072
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/28/2022
Supervised By :Mahesh Dadoda 09/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 108.039 ug/l
RT: 15.556 min Scan# 2460
Delta R.T. 0.006 min
Lab File: VN074625.D
Acq: 27 Sep 2022 13:17



Tgt Ion:180 Resp: 1291638
Ion Ratio Lower Upper
180 100
182 94.3 0.0 185.4
145 34.0 0.0 68.6

