

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074871.D
 Acq On : 12 Oct 2022 11:50
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 13 07:17:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:11:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/13/2022
 Supervised By : Mahesh Dadoda 10/14/2022

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

Internal Standards						
1) Bromochloromethane	7.830	128	88460	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	498393	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	484469	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	246989	29.823	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.400%		
60) 4-Bromofluorobenzene	12.847	95	269879	31.413	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	104.700%		
63) Toluene-d8	10.571	98	814356	29.125	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.067%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	433144	88.176	ug/l	100
3) Chloromethane	2.377	50	668774	84.181	ug/l	100
4) Vinyl Chloride	2.530	62	1006583	86.042	ug/l	100
5) Bromomethane	2.924	94	879091	94.775	ug/l	90
6) Chloroethane	3.106	64	760677m	81.599	ug/l	
7) Trichlorofluoromethane	3.495	101	776750	89.064	ug/l	91
8) Diethyl Ether	3.977	74	367433	90.315	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	498795	90.918	ug/l	97
10) 1,1-Dichloroethene	4.347	96	478089	88.292	ug/l	95
11) Methyl Iodide	4.606	142	615314	91.407	ug/l	95
12) Methyl Acetate	5.047	43	1138273	87.476	ug/l	95
13) Acrolein	4.200	56	859921	467.723	ug/l	98
14) Acrylonitrile	5.741	53	2240957	461.761	ug/l	98
15) Acetone	4.453	58	580342	435.701	ug/l	88
16) Carbon Disulfide	4.724	76	1243054	89.682	ug/l	98
17) Allyl chloride	5.036	41	927080	84.346	ug/l	97
18) Methylene Chloride	5.294	84	615763	88.046	ug/l	93
19) trans-1,2-Dichloroethene	5.800	96	535861	90.423	ug/l	96
20) Diisopropyl ether	6.688	45	2373512	94.596	ug/l	98
21) 1,1-Dichloroethane	6.583	63	1170296	91.707	ug/l	99
22) cis-1,2-Dichloroethene	7.500	96	683381	92.087	ug/l	98
23) tert-Butyl Alcohol	5.565	59	859919	422.694	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	2108323	93.510	ug/l	99
25) Chloroform	7.977	83	1175290	92.716	ug/l	96
26) Cyclohexane	8.265	56	1067370	95.190	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	835453	92.904	ug/l	97
30) 2-Butanone	7.500	43	3248424	452.739	ug/l	99
31) 2,2-Dichloropropane	7.506	77	1010259	91.880	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	1010783	93.728	ug/l	99
33) Carbon Tetrachloride	8.365	117	830295	93.603	ug/l	96
34) Benzene	8.612	78	2720128	91.509	ug/l #	91
35) Methacrylonitrile	7.788	41	665913	90.304	ug/l	96
36) 1,2-Dichloroethane	8.677	62	909601	91.890	ug/l	100
37) Trichloroethene	9.359	130	577858	93.475	ug/l	96
38) Methylcyclohexane	9.606	83	1063226	97.324	ug/l	99
39) 1,2-Dichloropropane	9.624	63	713251	92.561	ug/l	96
40) Dibromomethane	9.712	93	464875	91.039	ug/l	98
41) Bromodichloromethane	9.894	83	948891	95.418	ug/l #	98
42) Vinyl Acetate	6.624	43	9558872	456.134	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	1296582	92.113	ug/l	96
44) Isopropyl Acetate	8.694	43	1992935	92.384	ug/l	96
45) 1,4-Dioxane	9.700	88	362298	1831.509	ug/l	98
46) Methyl methacrylate	9.682	41	885429	94.770	ug/l	95
47) n-amyl Acetate	12.494	43	1894508	100.370	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	1125380	98.308	ug/l	97
49) cis-1,3-Dichloropropene	10.318	75	1159972	95.874	ug/l	93
50) 1,1,2-Trichloroethane	11.018	97	677483	90.159	ug/l	94
51) Ethyl methacrylate	10.876	69	1224414	95.823	ug/l	94
52) 1,3-Dichloropropane	11.165	76	1207956	93.135	ug/l	100
53) Dibromochloromethane	11.365	129	732688	99.523	ug/l	96
54) 1,2-Dibromoethane	11.470	107	692692	95.947	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	2238876	447.942	ug/l	97
56) Bromoform	12.582	173	556563	104.910	ug/l	99
58) 4-Methyl-2-Pentanone	10.453	43	6872732	456.143	ug/l	99
59) 2-Hexanone	11.200	43	5340252	460.540	ug/l	97
61) Tetrachloroethene	11.106	164	451967	87.508	ug/l	94
62) Toluene	10.635	91	3049358	91.105	ug/l	100
64) Chlorobenzene	11.894	112	1752225	92.101	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.965	131	661065	92.253	ug/l	97
66) Ethyl Benzene	11.965	91	3388620	93.103	ug/l	99
67) m/p-Xylenes	12.070	106	2614161	191.189	ug/l	100
68) o-Xylene	12.400	106	1328365	95.576	ug/l	98
69) Styrene	12.412	104	2250615	98.936	ug/l	99
70) Isopropylbenzene	12.700	105	3511595	97.964	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	1231930	91.874	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	1060600m	97.258	ug/l	
73) Bromobenzene	12.982	156	713304	94.960	ug/l	95
74) n-propylbenzene	13.035	91	4172813	99.843	ug/l	98
75) 2-Chlorotoluene	13.129	91	2400705	98.191	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	2891132	99.252	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	465442	99.447	ug/l	92
78) 4-Chlorotoluene	13.223	91	2365525	98.284	ug/l	98
79) tert-butylbenzene	13.441	119	2499378	96.458	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	2916231	99.498	ug/l	96
81) sec-Butylbenzene	13.617	105	3711625	99.668	ug/l	99
82) p-Isopropyltoluene	13.729	119	3039257	102.715	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	1461086	99.684	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	1414370	100.464	ug/l	99
85) n-Butylbenzene	14.059	91	2750216	105.298	ug/l	98
86) Hexachloroethane	14.335	117	559925	96.624	ug/l	93
87) 1,2-Dichlorobenzene	14.106	146	1445492	99.327	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	259800	96.000	ug/l	98
89) 1,2,4-Trichlorobenzene	15.394	180	686854	103.341	ug/l	98
90) Hexachlorobutadiene	15.500	225	307598	94.919	ug/l	98
91) Naphthalene	15.641	128	2796461	106.035	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	700057	100.686	ug/l	99

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

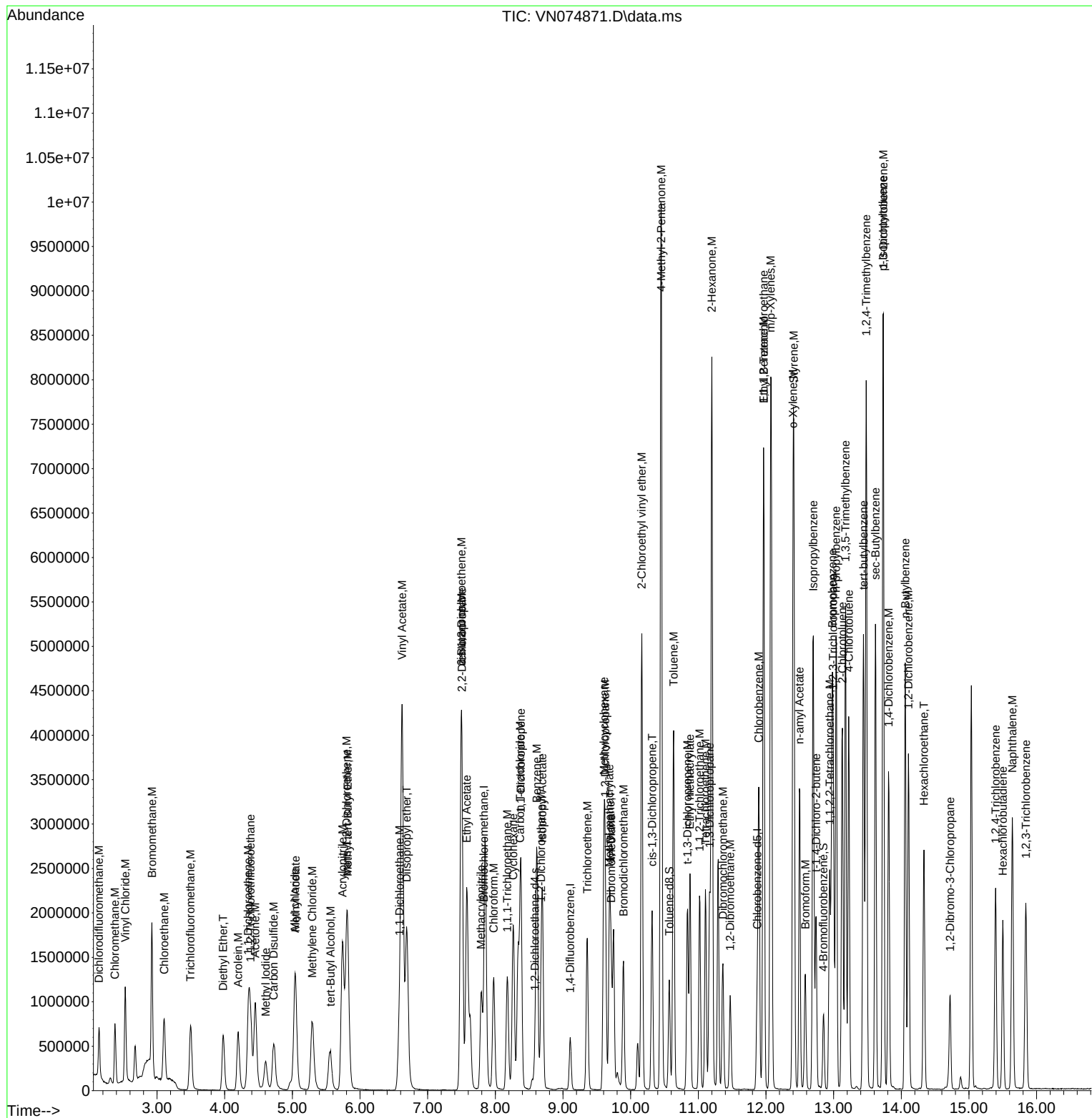
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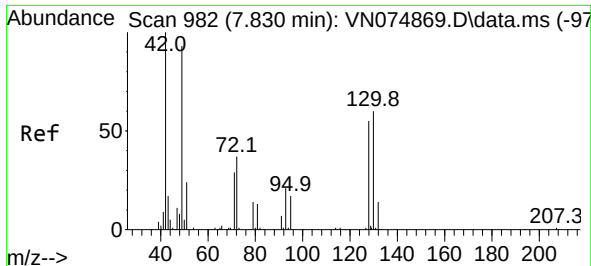
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 ClientSampleId :
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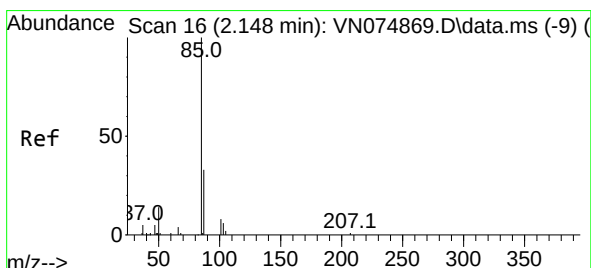
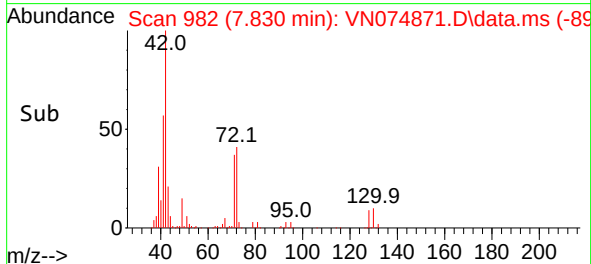
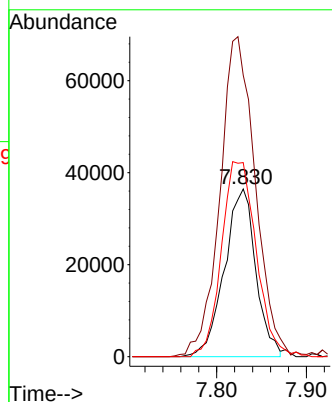
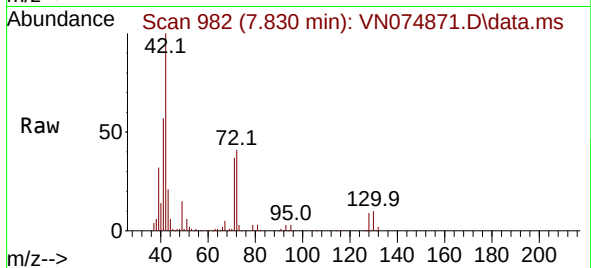
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

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ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 88460
Ion Ratio Lower Upper
128 100
49 214.6 0.0 492.0
130 129.2 0.0 313.3

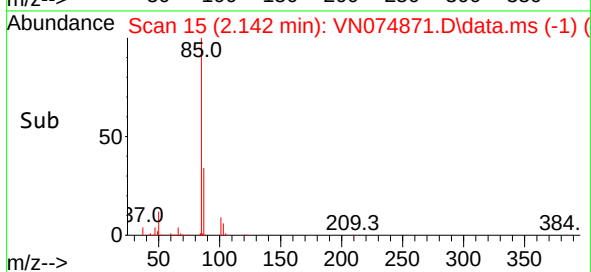
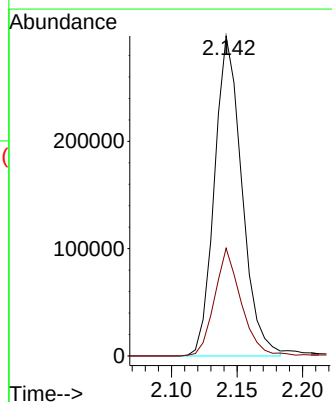
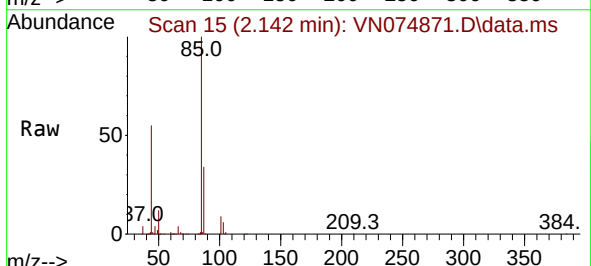
Manual Integrations
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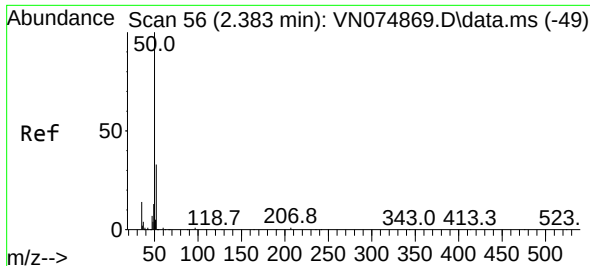
Reviewed By :John Carlone 10/13/2022
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#2
Dichlorodifluoromethane
Concen: 88.176 ug/l
RT: 2.142 min Scan# 15
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

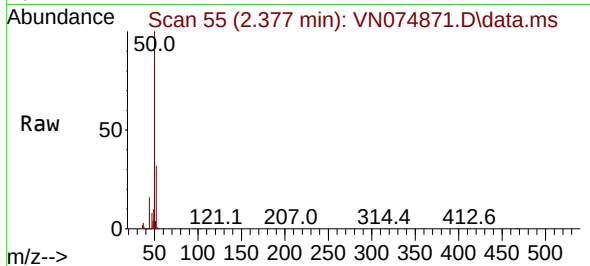
Tgt Ion: 85 Resp: 433144
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.1





#3
Chloromethane
Concen: 84.181 ug/l
RT: 2.377 min Scan# 50
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

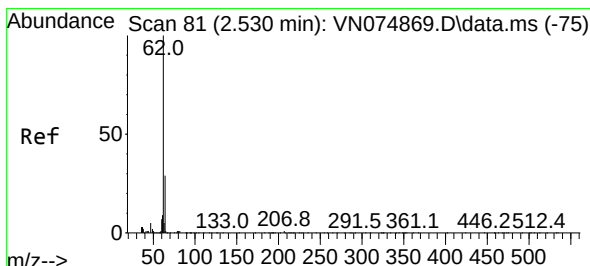
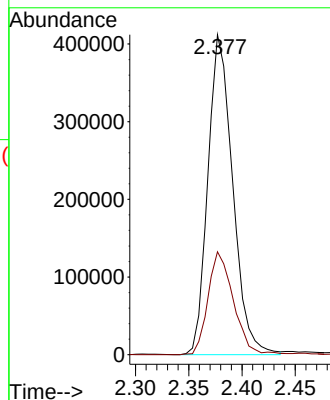
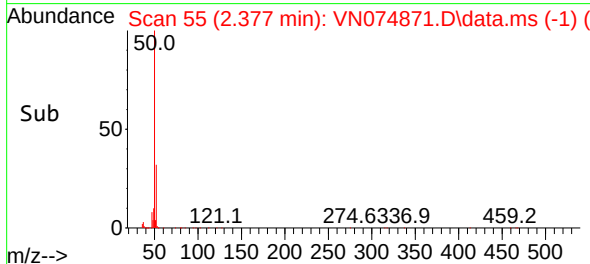
Instrument :
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VSTDICC100



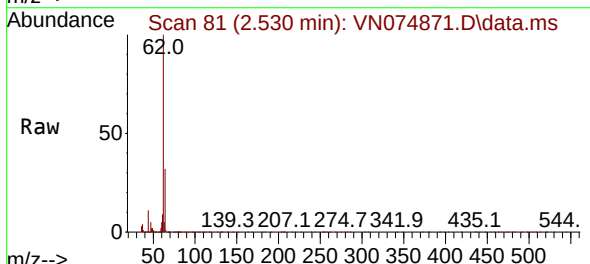
Tgt Ion: 50 Resp: 668774
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

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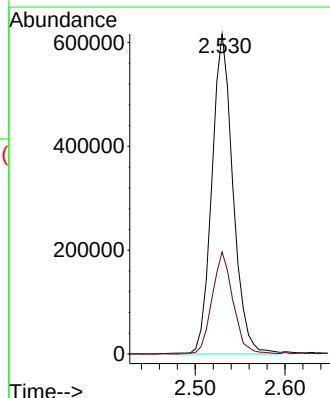
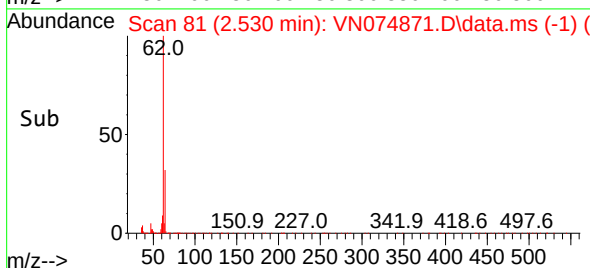
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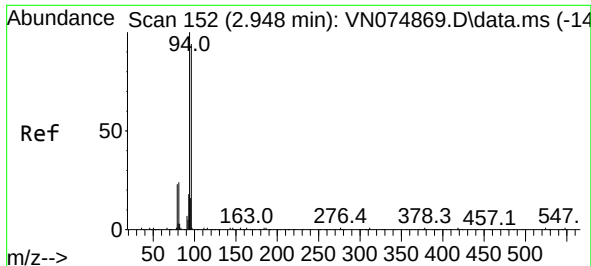


#4
Vinyl Chloride
Concen: 86.042 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



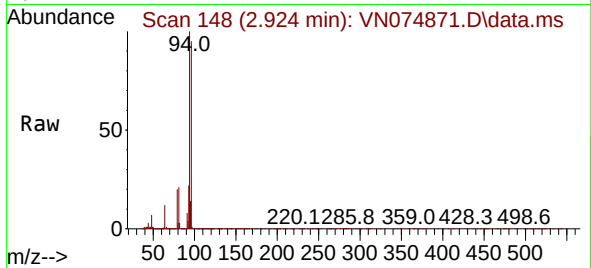
Tgt Ion: 62 Resp: 1006583
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4





#5
Bromomethane
Concen: 94.775 ug/l
RT: 2.924 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

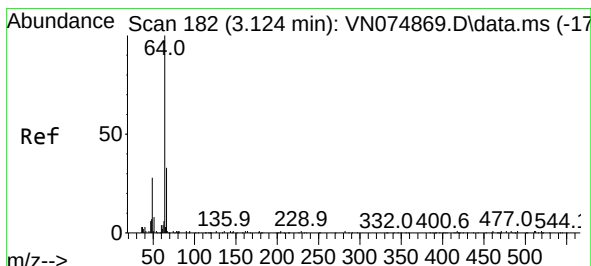
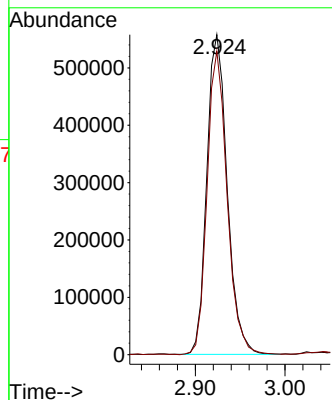
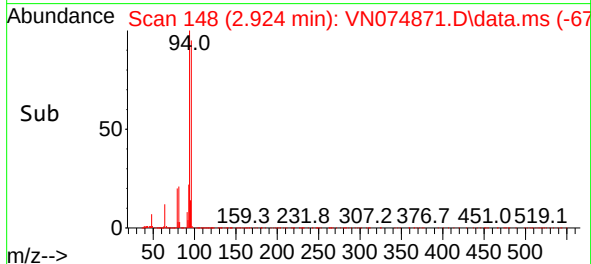
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



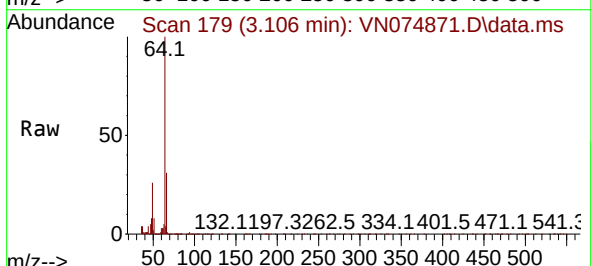
Tgt Ion: 94 Resp: 87909
Ion Ratio Lower Upper
94 100
96 94.9 68.3 102.5

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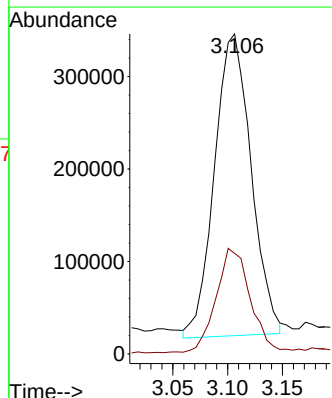
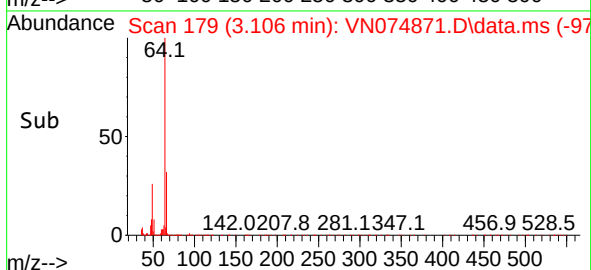
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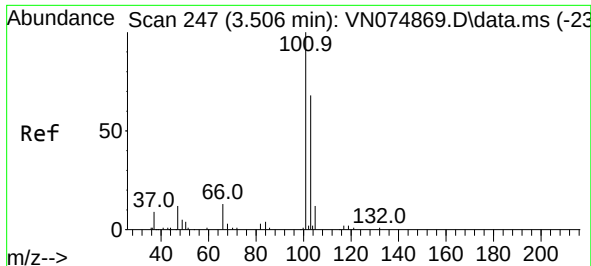


#6
Chloroethane
Concen: 81.599 ug/l m
RT: 3.106 min Scan# 179
Delta R.T. -0.018 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



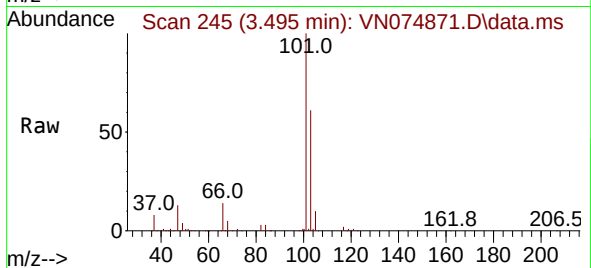
Tgt Ion: 64 Resp: 760677
Ion Ratio Lower Upper
64 100
66 31.5 21.8 32.8





#7
 Trichlorofluoromethane
 Concen: 89.064 ug/l
 RT: 3.495 min Scan# 247
 Delta R.T. -0.012 min
 Lab File: VN074871.D
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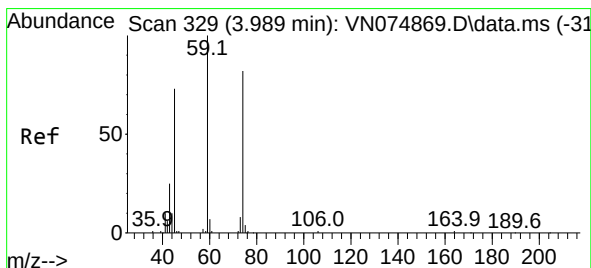
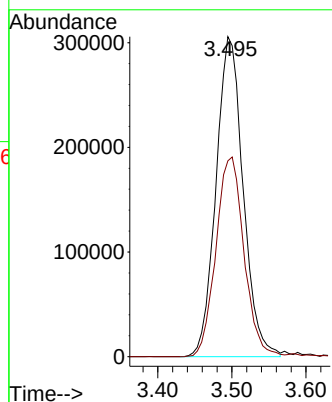
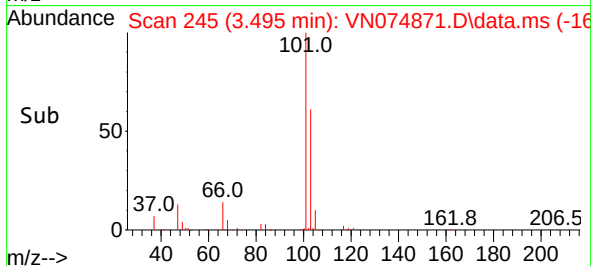
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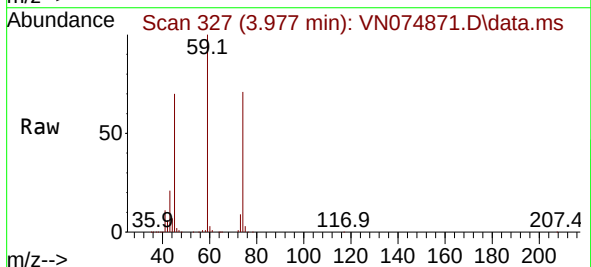
Tgt Ion:101 Resp: 776750
 Ion Ratio Lower Upper
 101 100
 103 61.2 54.8 82.2

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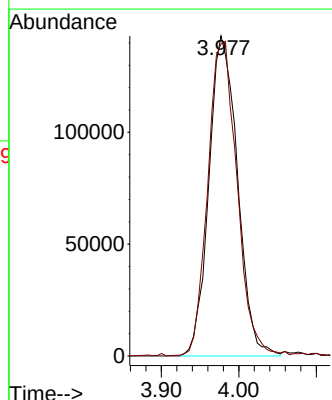
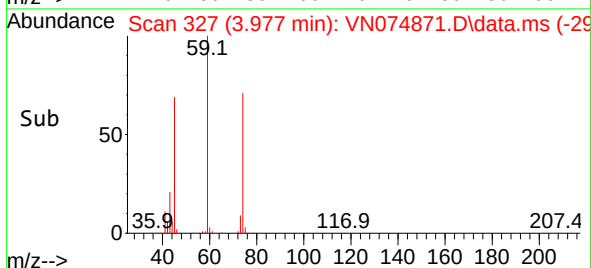
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022

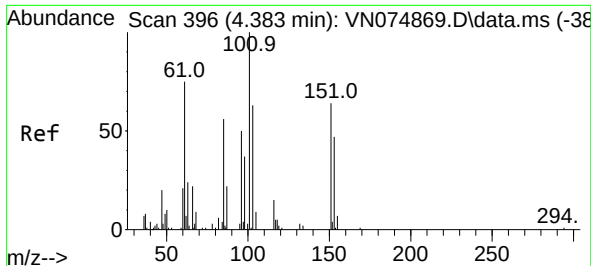


#8
 Diethyl Ether
 Concen: 90.315 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. -0.012 min
 Lab File: VN074871.D
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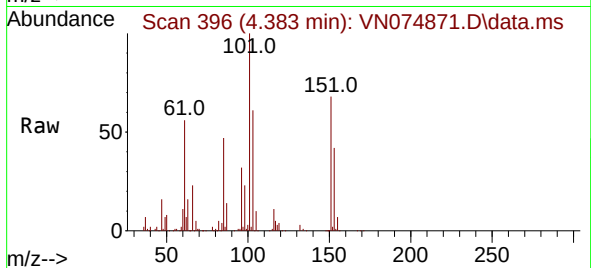
Tgt Ion: 74 Resp: 367433
 Ion Ratio Lower Upper
 74 100
 45 99.9 19.0 171.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.918 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
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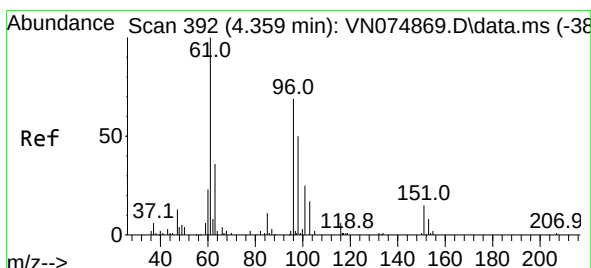
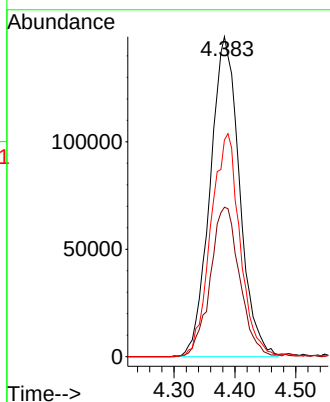
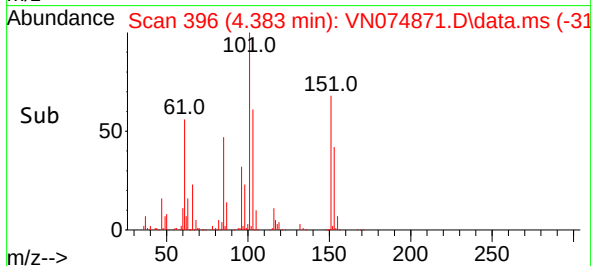
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ClientSampleId :
VSTDIC100



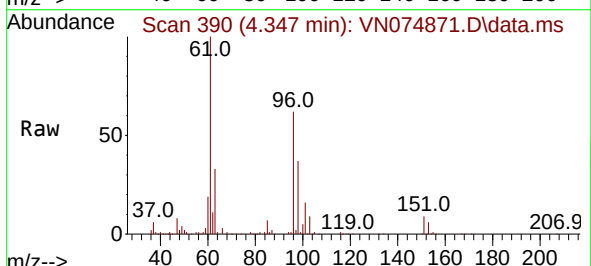
Tgt Ion: 101 Resp: 498795
Ion Ratio Lower Upper
101 100
85 46.8 0.0 94.6
151 69.2 0.0 144.8

Manual Integrations
APPROVED

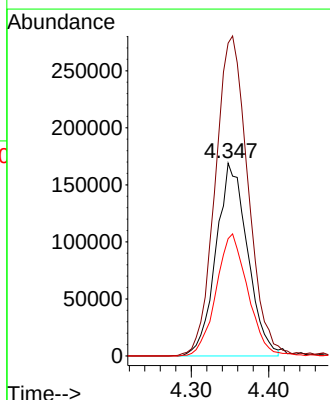
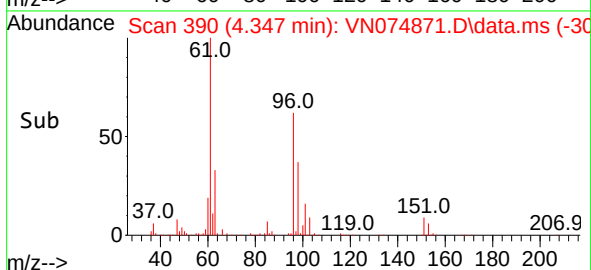
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

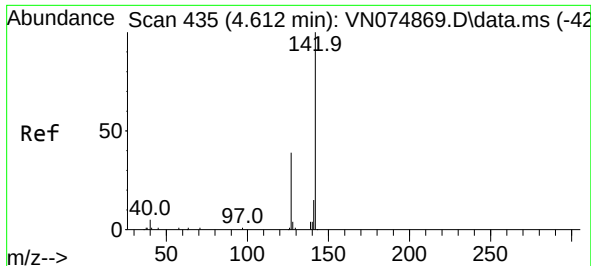


#10
1,1-Dichloroethene
Concen: 88.292 ug/l
RT: 4.347 min Scan# 390
Delta R.T. -0.012 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



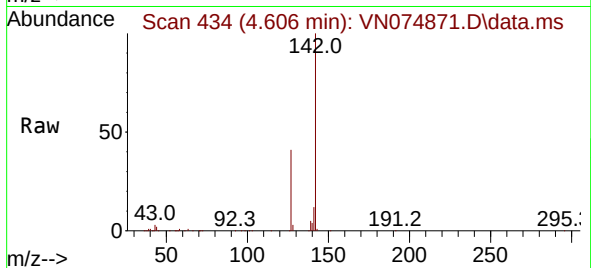
Tgt Ion: 96 Resp: 478089
Ion Ratio Lower Upper
96 100
61 161.9 125.5 188.3
98 60.8 45.0 67.4





#11
Methyl Iodide
Concen: 91.407 ug/l
RT: 4.606 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

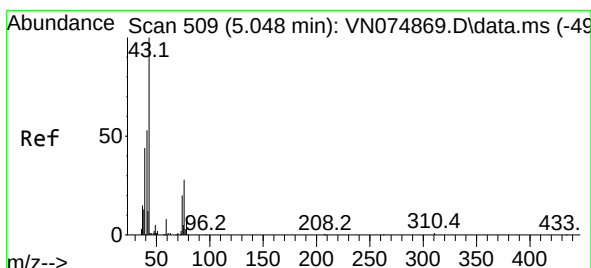
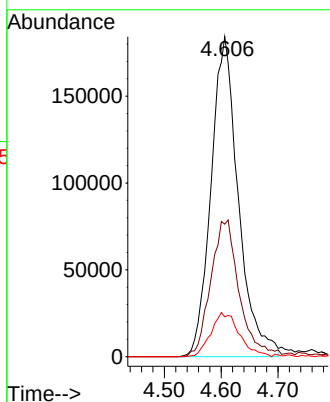
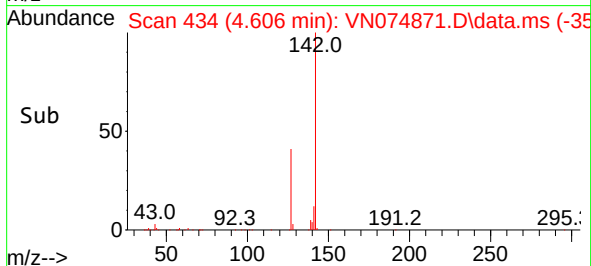
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 615314
Ion Ratio Lower Upper
142 100
127 40.9 19.3 57.8
141 12.3 7.7 23.1

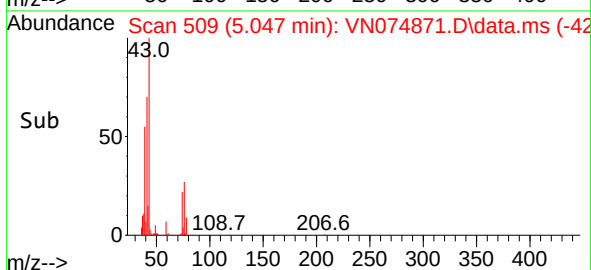
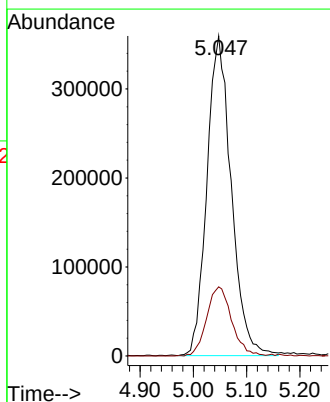
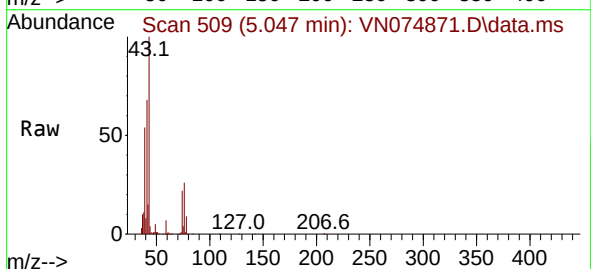
Manual Integrations
APPROVED

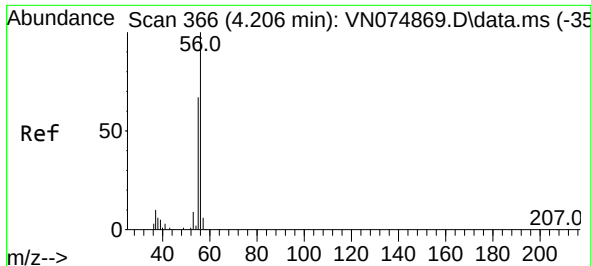
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#12
Methyl Acetate
Concen: 87.476 ug/l
RT: 5.047 min Scan# 509
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

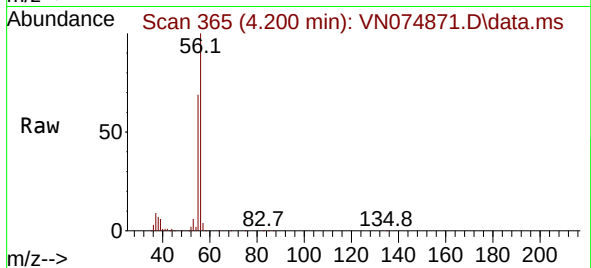
Tgt Ion: 43 Resp: 1138273
Ion Ratio Lower Upper
43 100
74 21.4 19.0 28.6





#13
Acrolein
Concen: 467.723 ug/l
RT: 4.200 min Scan# 366
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

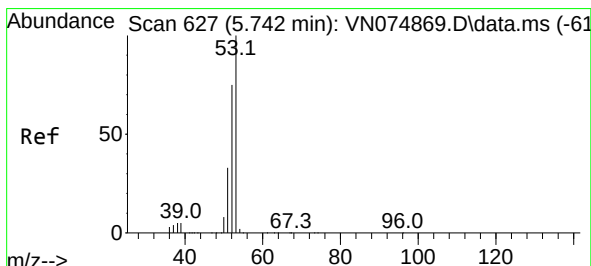
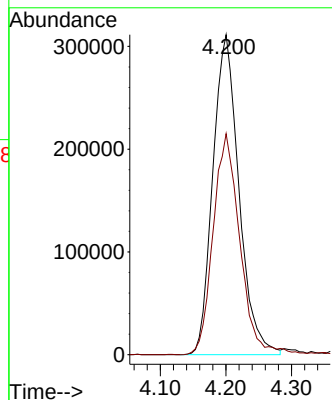
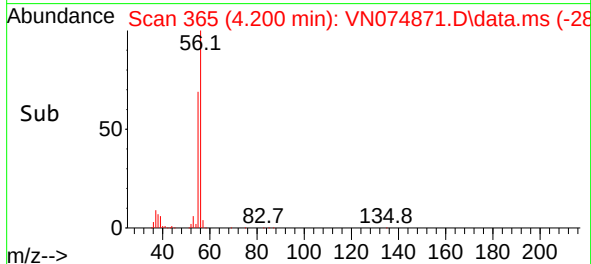
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 56 Resp: 85992
Ion Ratio Lower Upper
56 100
55 68.8 56.2 84.2

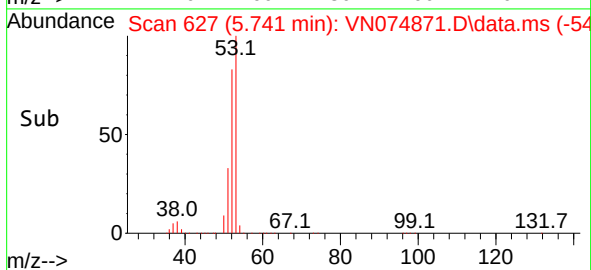
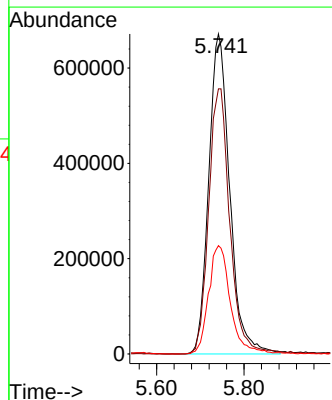
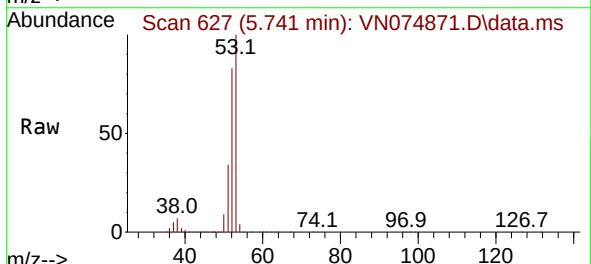
Manual Integrations
APPROVED

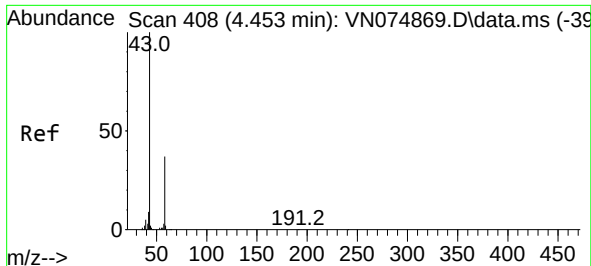
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#14
Acrylonitrile
Concen: 461.761 ug/l
RT: 5.741 min Scan# 627
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

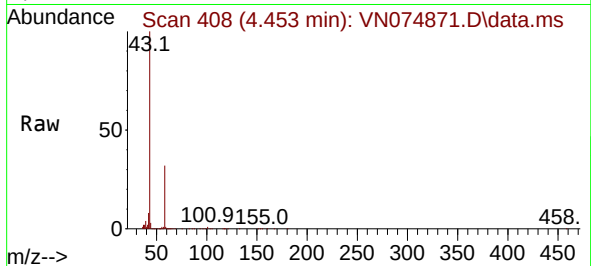
Tgt Ion: 53 Resp: 2240957
Ion Ratio Lower Upper
53 100
52 83.6 40.8 122.4
51 34.9 17.0 51.0





#15
Acetone
Concen: 435.701 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

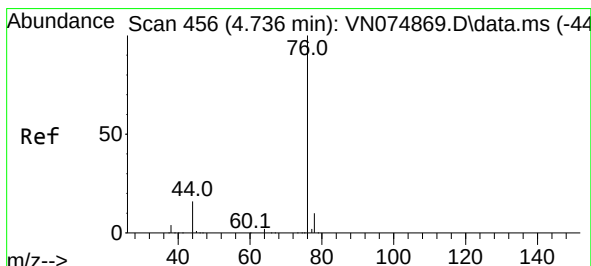
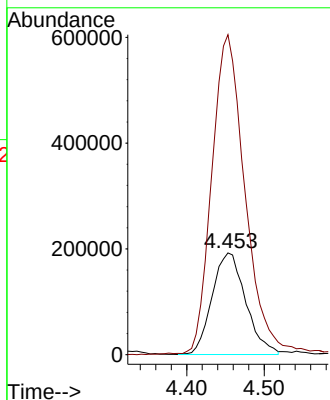
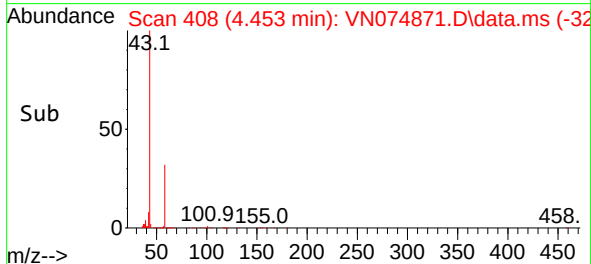
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



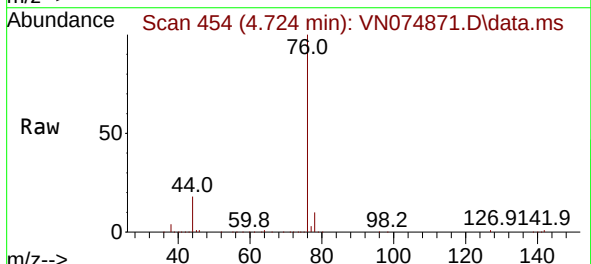
Tgt Ion: 58 Resp: 58034
Ion Ratio Lower Upper
58 100
43 313.6 232.2 348.4

Manual Integrations
APPROVED

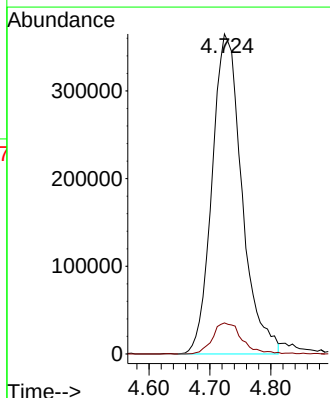
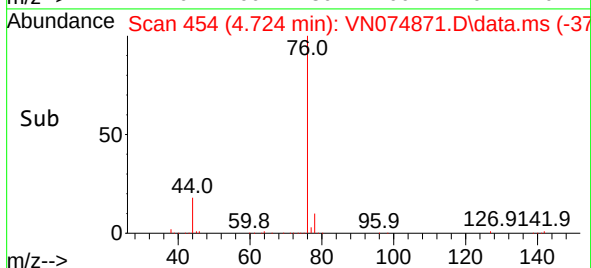
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

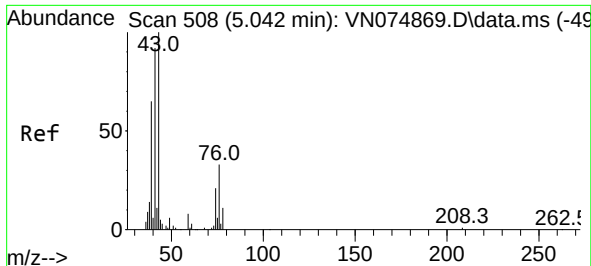


#16
Carbon Disulfide
Concen: 89.682 ug/l
RT: 4.724 min Scan# 454
Delta R.T. -0.012 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



Tgt Ion: 76 Resp: 1243054
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8





#17

Allyl chloride

Concen: 84.346 ug/l

RT: 5.036 min Scan# 508

Delta R.T. -0.006 min

Lab File: VN074871.D

Acq: 12 Oct 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 927080

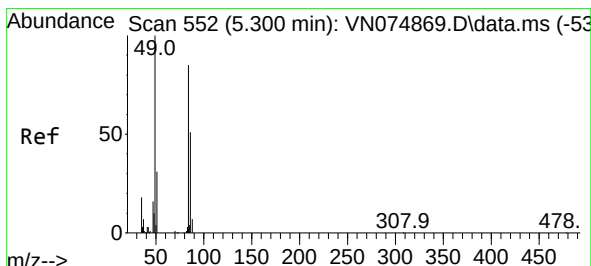
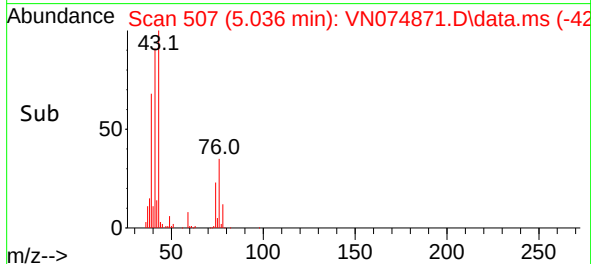
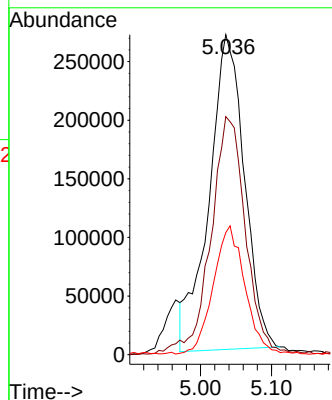
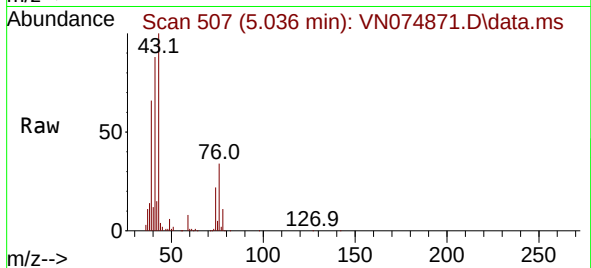
Ion	Ratio	Lower	Upper
41	100		
39	74.9	39.1	117.5
76	38.6	19.8	59.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#18

Methylene Chloride

Concen: 88.046 ug/l

RT: 5.294 min Scan# 551

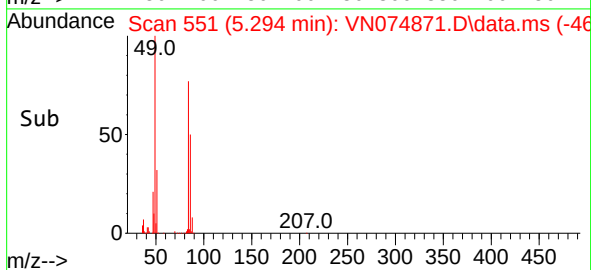
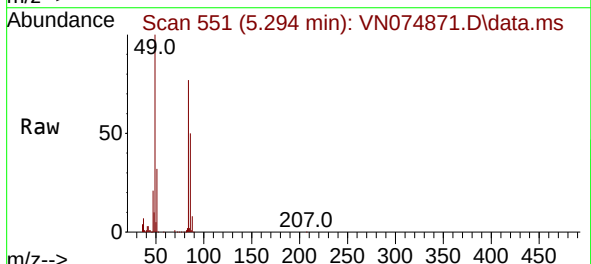
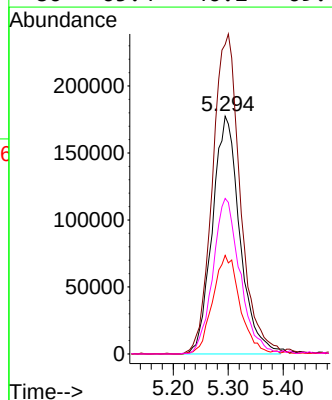
Delta R.T. -0.006 min

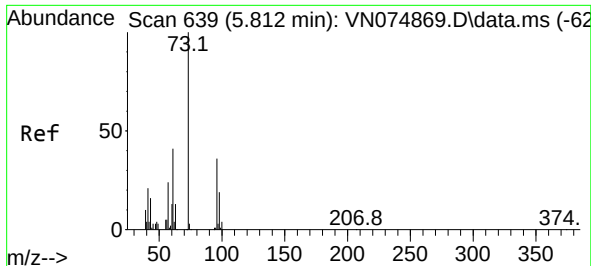
Lab File: VN074871.D

Acq: 12 Oct 2022 11:50

Tgt Ion: 84 Resp: 615763

Ion	Ratio	Lower	Upper
84	100		
49	130.1	99.6	149.4
51	41.5	28.2	42.2
86	65.4	46.2	69.4





#19

trans-1,2-Dichloroethene

Concen: 90.423 ug/l

RT: 5.800 min Scan# 61

Delta R.T. -0.012 min

Lab File: VN074871.D

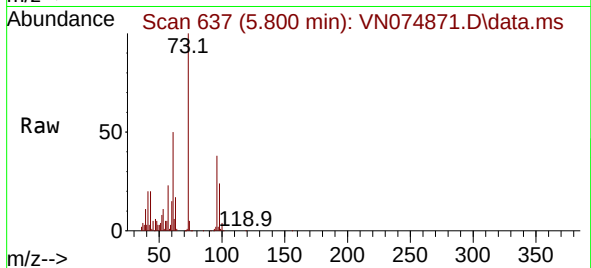
Acq: 12 Oct 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



Tgt Ion: 96 Resp: 53586

Ion Ratio Lower Upper

96 100

61 131.3 110.2 165.4

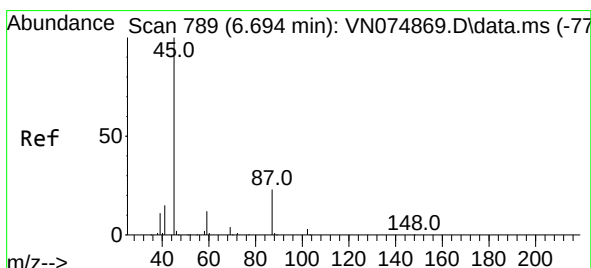
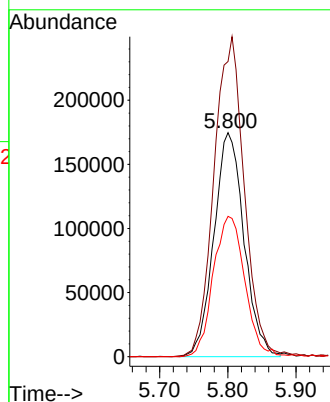
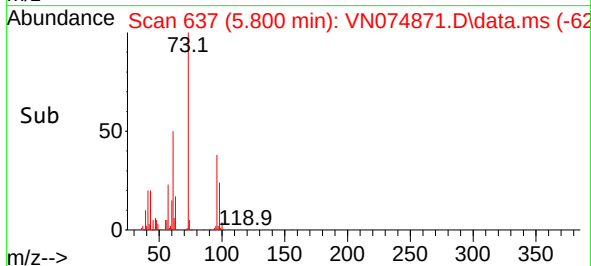
98 62.7 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#20

Diisopropyl ether

Concen: 94.596 ug/l

RT: 6.688 min Scan# 788

Delta R.T. -0.006 min

Lab File: VN074871.D

Acq: 12 Oct 2022 11:50

Tgt Ion: 45 Resp: 2373512

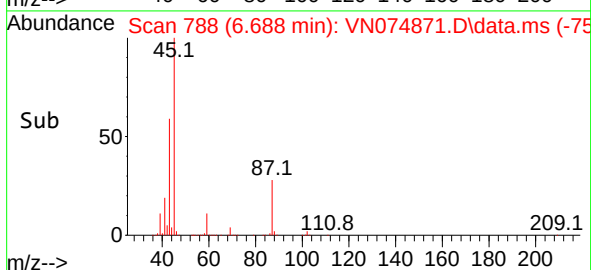
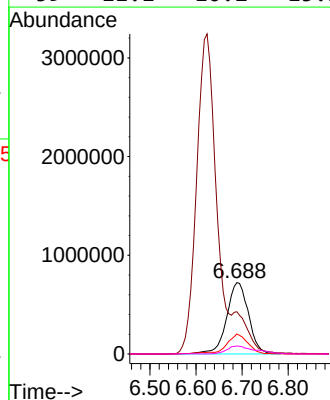
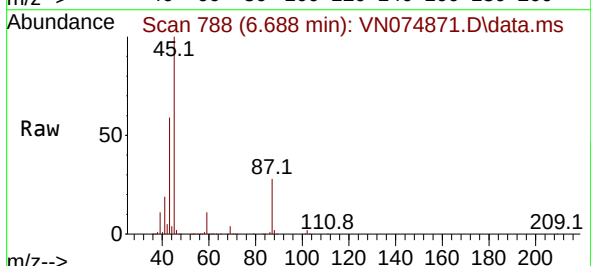
Ion Ratio Lower Upper

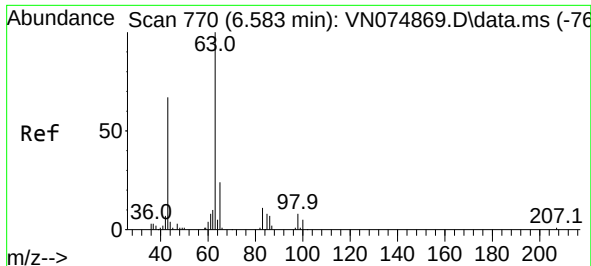
45 100

43 57.8 47.3 70.9

87 27.8 21.8 32.8

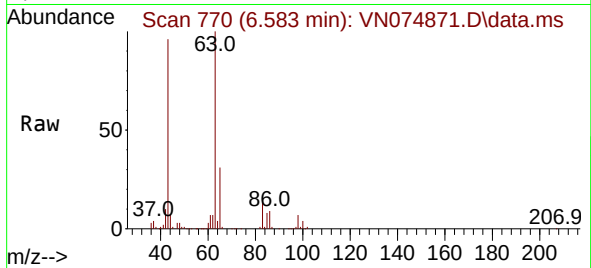
59 11.1 10.2 15.2





#21
1,1-Dichloroethane
Concen: 91.707 ug/l
RT: 6.583 min Scan# 770
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

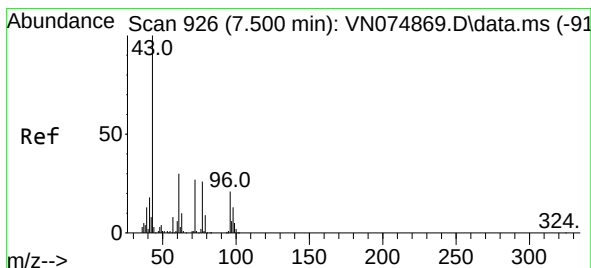
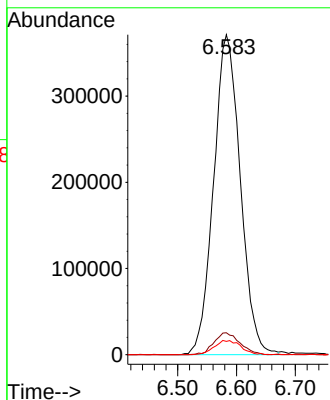
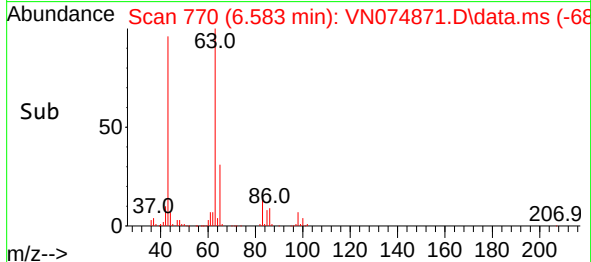
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 1170290
Ion Ratio Lower Upper
63 100
98 6.9 3.3 9.9
100 4.2 2.2 6.6

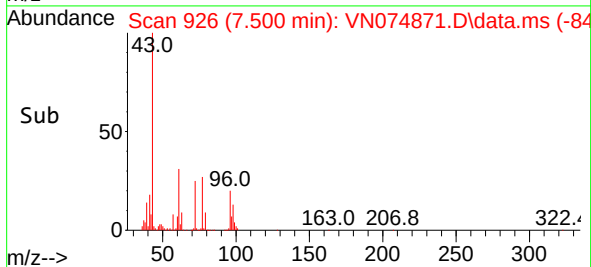
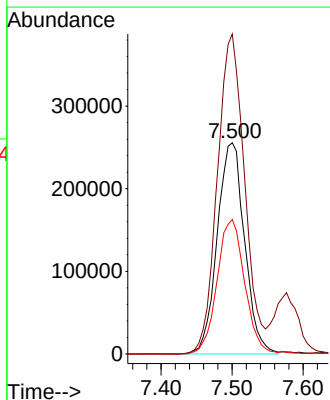
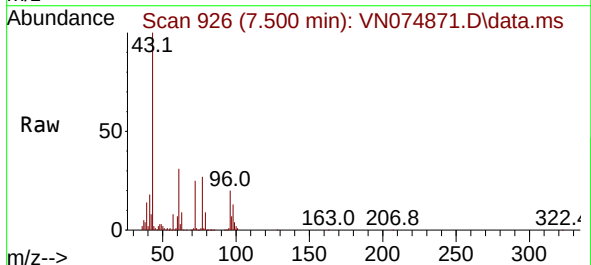
Manual Integrations
APPROVED

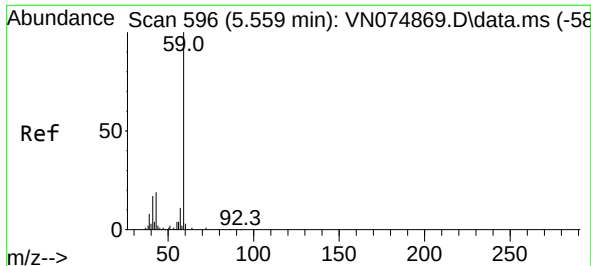
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#22
cis-1,2-Dichloroethene
Concen: 92.087 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Tgt Ion: 96 Resp: 683381
Ion Ratio Lower Upper
96 100
61 150.9 118.8 178.2
98 64.0 52.1 78.1





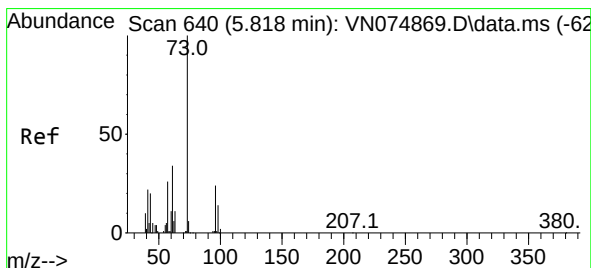
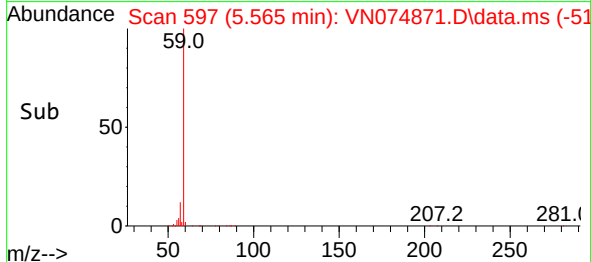
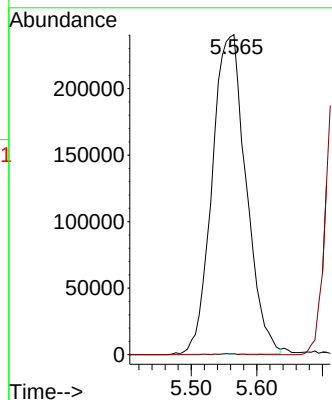
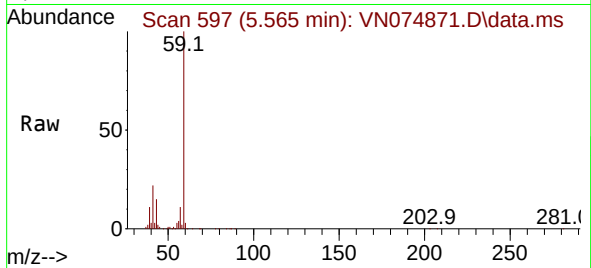
#23
tert-Butyl Alcohol
Concen: 422.694 ug/l
RT: 5.565 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 859919
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

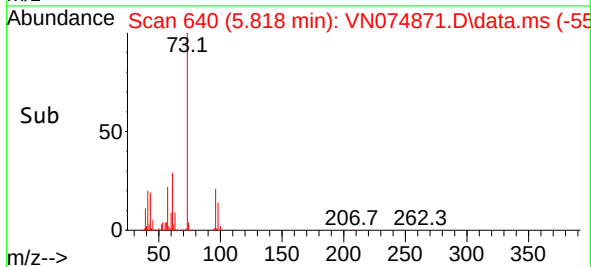
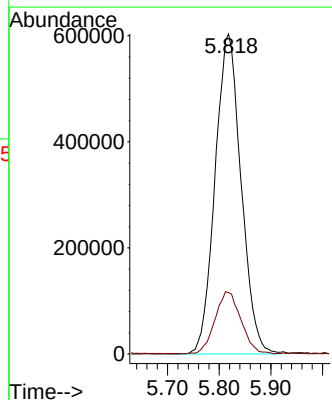
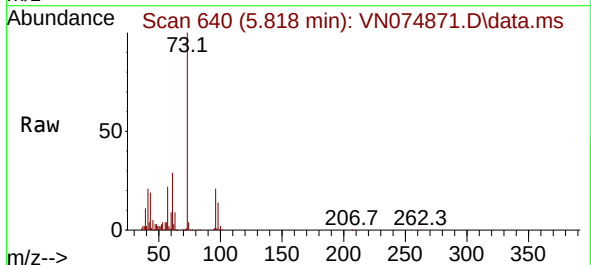
Manual Integrations
APPROVED

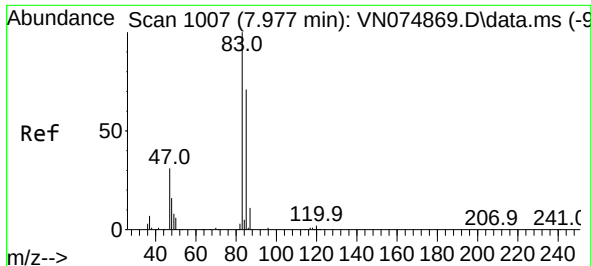
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#24
Methyl tert-Butyl Ether
Concen: 93.510 ug/l
RT: 5.818 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

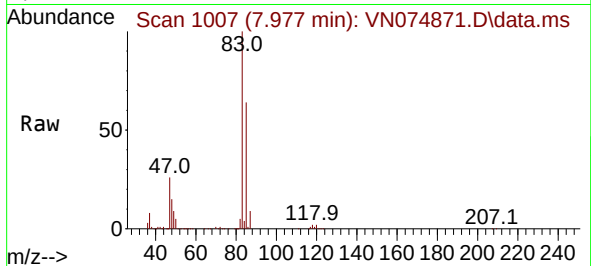
Tgt Ion: 73 Resp: 2108323
Ion Ratio Lower Upper
73 100
43 19.2 15.6 23.4





#25
Chloroform
Concen: 92.716 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

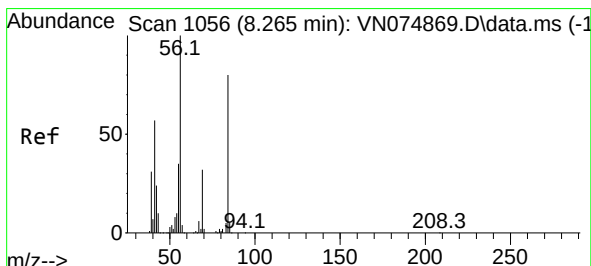
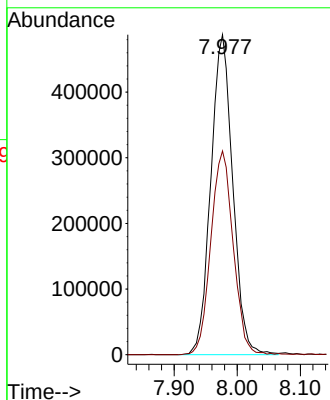
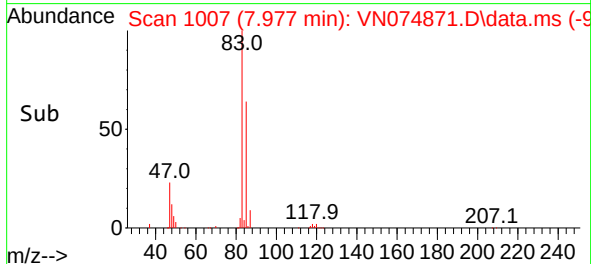
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 1175290
Ion Ratio Lower Upper
83 100
85 63.6 53.6 80.4

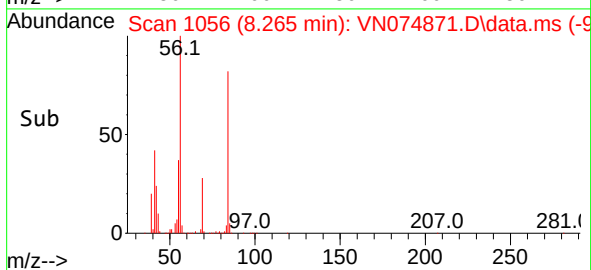
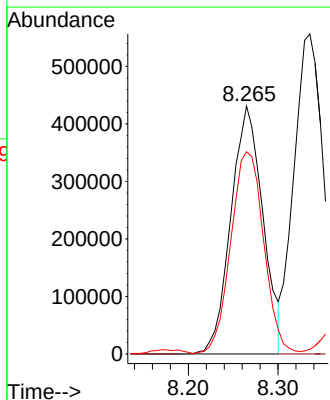
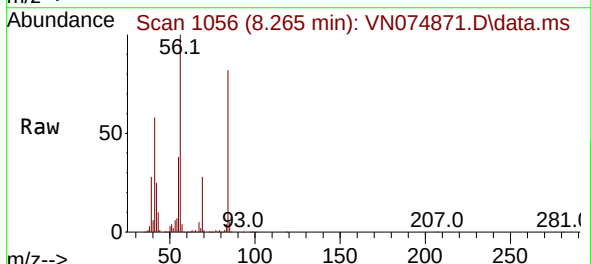
Manual Integrations
APPROVED

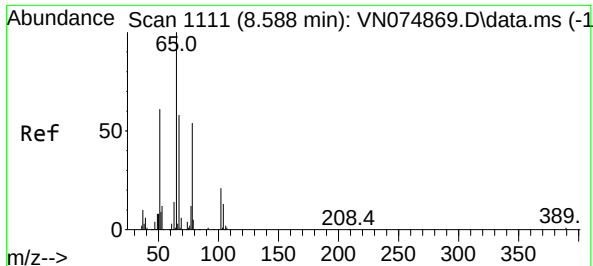
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#26
Cyclohexane
Concen: 95.190 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Tgt Ion: 56 Resp: 1067370
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.2 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 29.823 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN074871.D

Acq: 12 Oct 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 246989

Ion Ratio Lower Upper

65 100

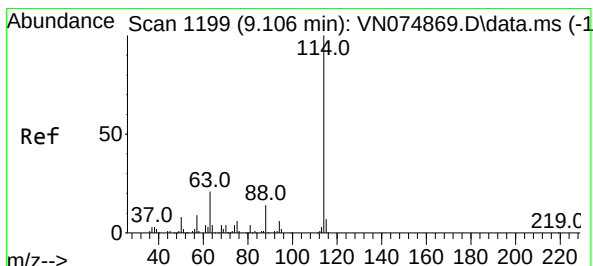
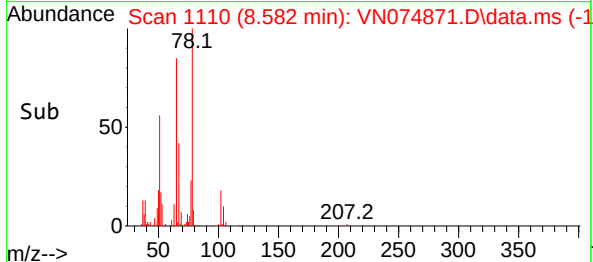
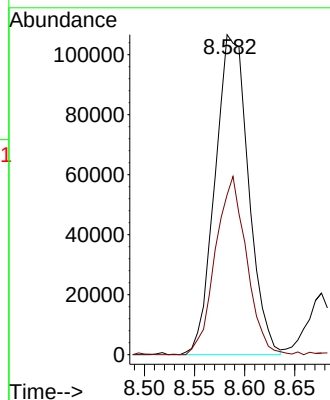
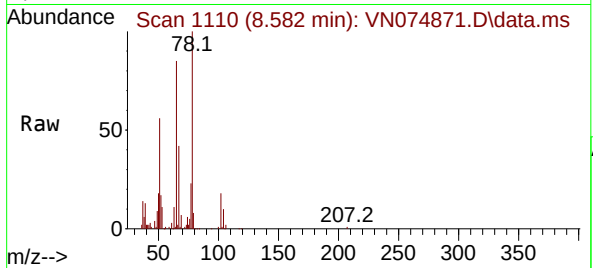
67 51.8 45.2 67.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074871.D

Acq: 12 Oct 2022 11:50

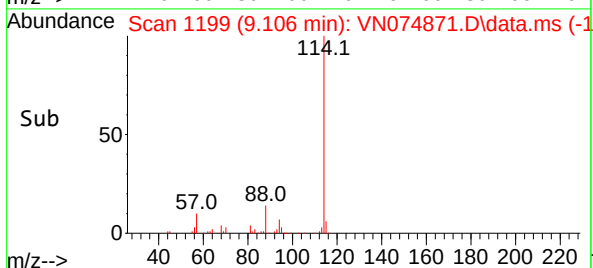
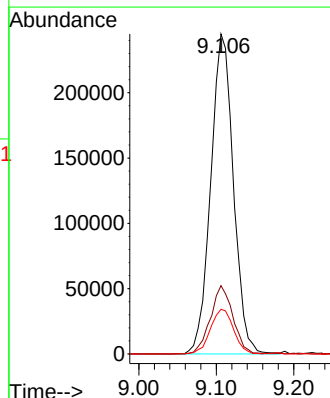
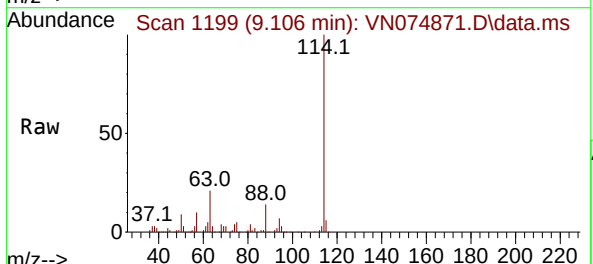
Tgt Ion:114 Resp: 498393

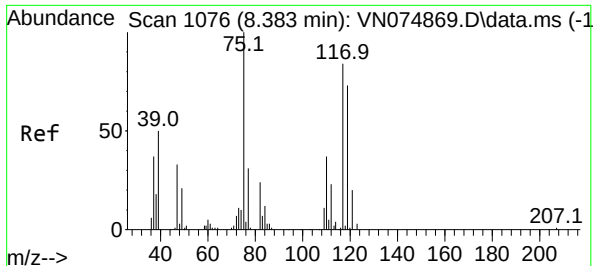
Ion Ratio Lower Upper

114 100

63 21.2 16.6 25.0

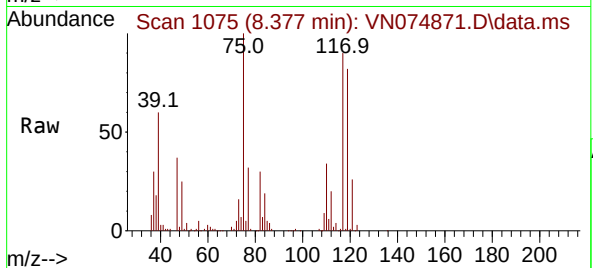
88 14.3 12.2 18.4





#29
1,1-Dichloropropene
Concen: 92.904 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

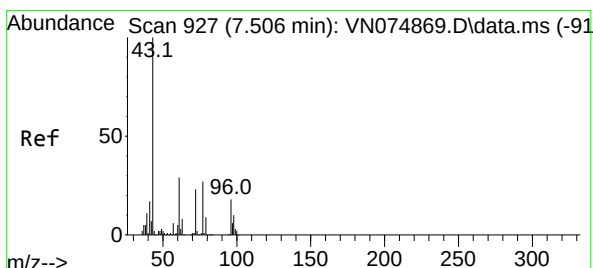
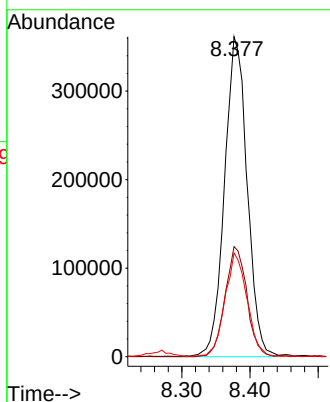
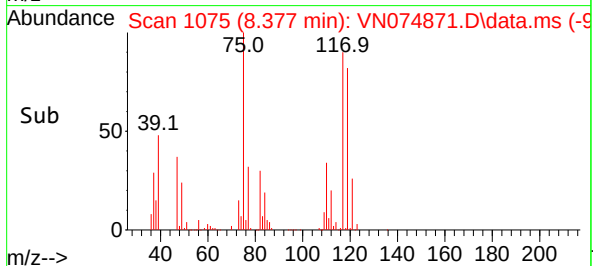
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



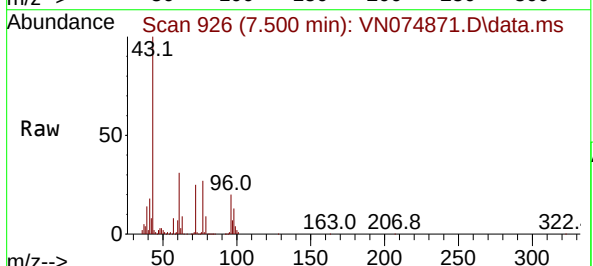
Tgt Ion: 75 Resp: 83545
Ion Ratio Lower Upper
75 100
110 33.1 0.0 72.2
77 31.8 0.0 64.0

Manual Integrations
APPROVED

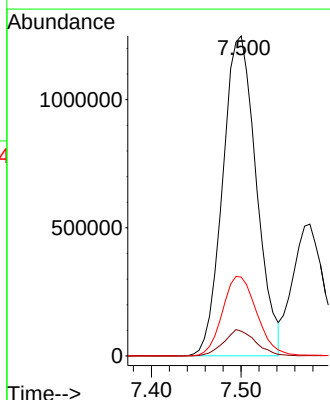
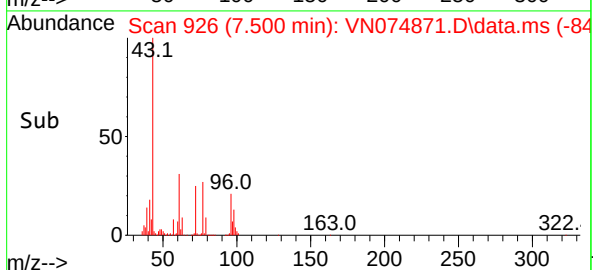
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

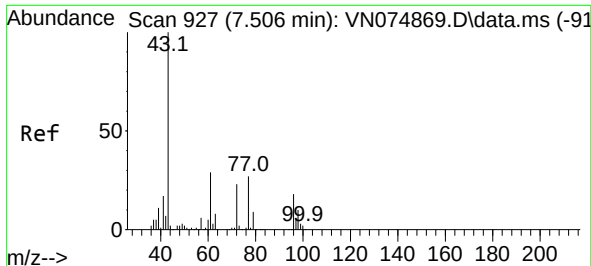


#30
2-Butanone
Concen: 452.739 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



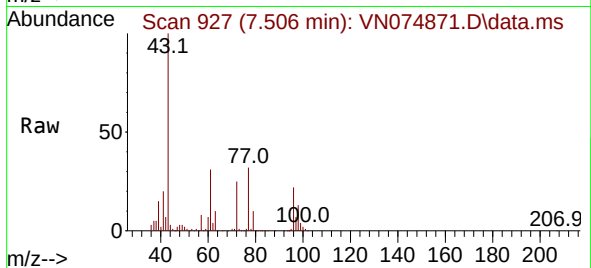
Tgt Ion: 43 Resp: 3248424
Ion Ratio Lower Upper
43 100
57 7.8 6.3 9.5
72 25.5 21.0 31.4





#31
2,2-Dichloropropane
Concen: 91.880 ug/l
RT: 7.506 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

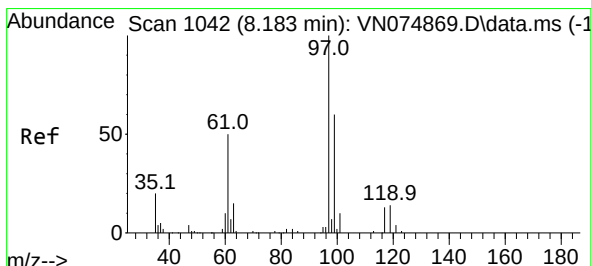
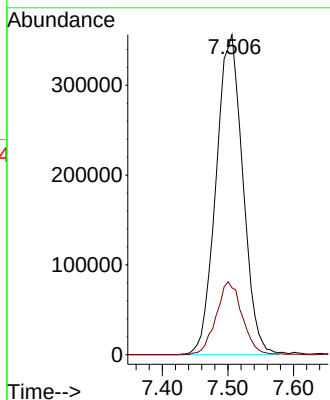
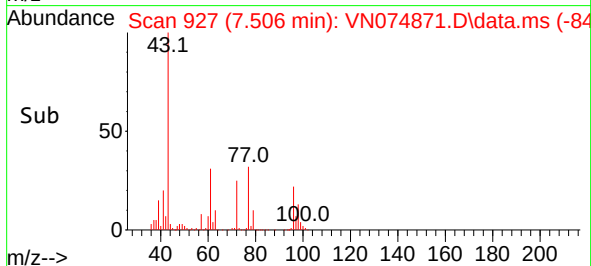
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



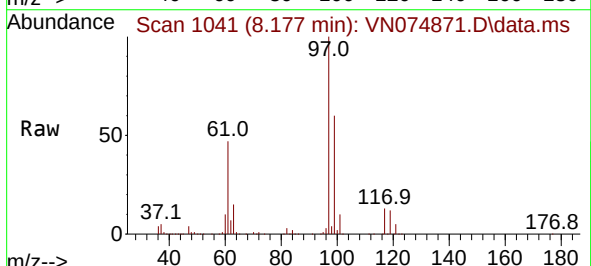
Tgt Ion: 77 Resp: 101025
Ion Ratio Lower Upper
77 100
97 22.1 18.4 27.6

Manual Integrations
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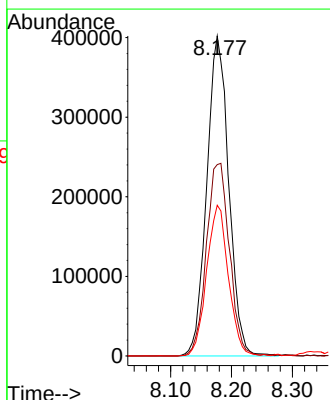
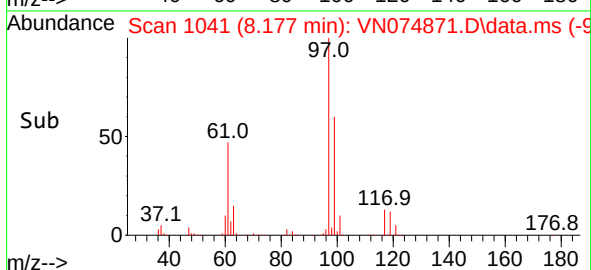
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

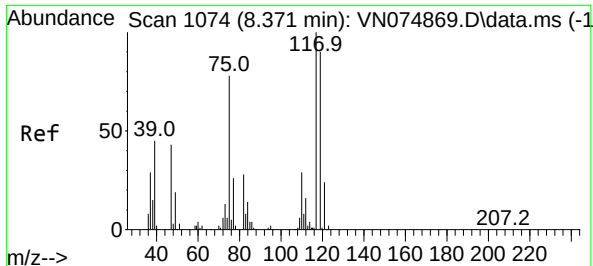


#32
1,1,1-Trichloroethane
Concen: 93.728 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



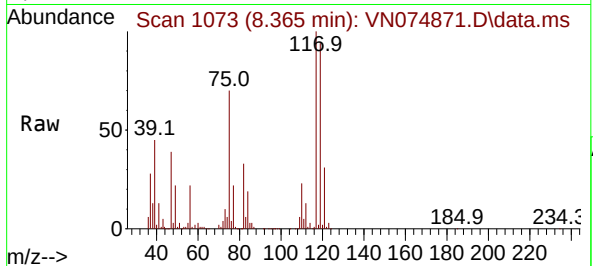
Tgt Ion: 97 Resp: 1010783
Ion Ratio Lower Upper
97 100
99 63.0 50.0 75.0
61 46.6 36.1 54.1





#33
Carbon Tetrachloride
Concen: 93.603 ug/l
RT: 8.365 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

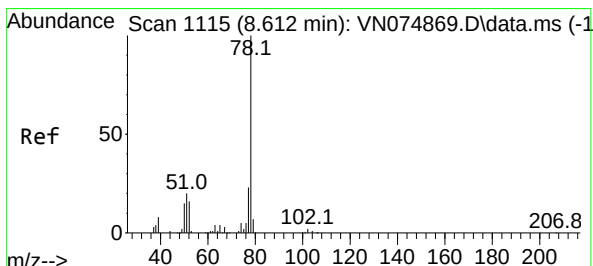
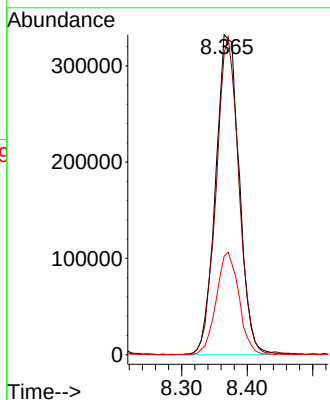
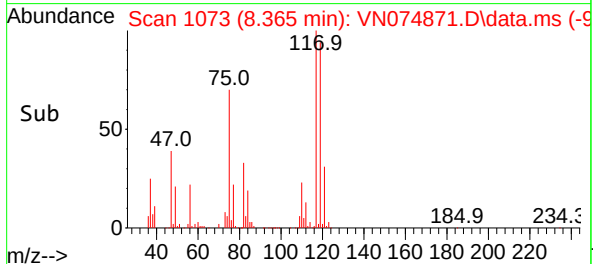
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



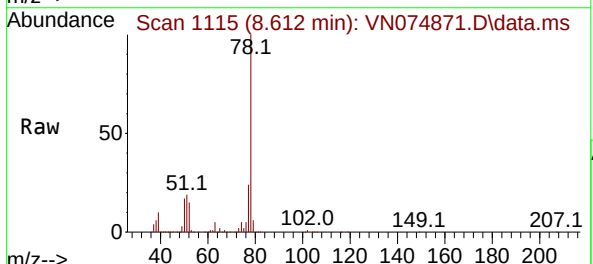
Tgt Ion: 117 Resp: 830295
Ion Ratio Lower Upper
117 100
119 94.1 77.8 116.6
121 30.8 27.6 41.4

Manual Integrations
APPROVED

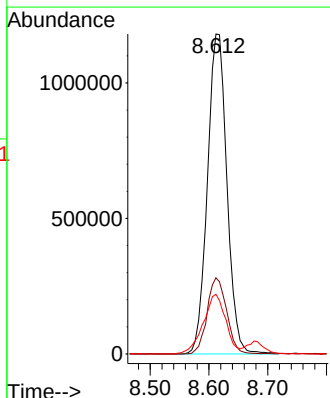
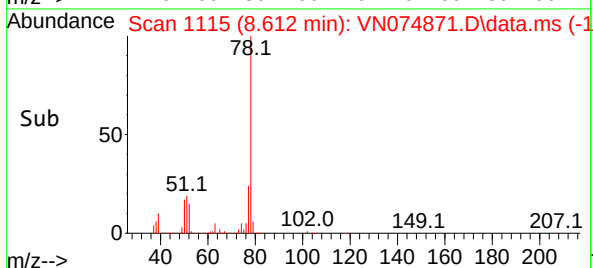
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

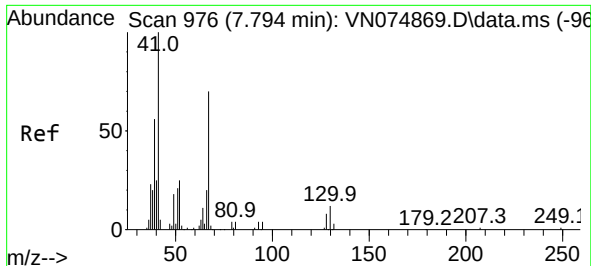


#34
Benzene
Concen: 91.509 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



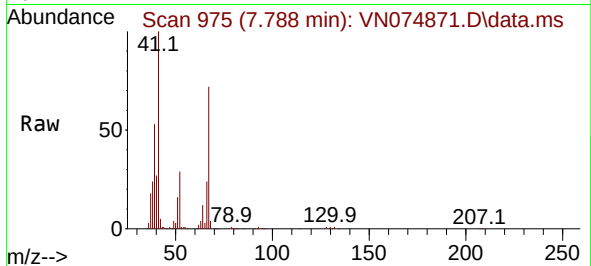
Tgt Ion: 78 Resp: 2720128
Ion Ratio Lower Upper
78 100
77 23.8 19.9 29.9
51 18.4 21.1 31.7#





#35
Methacrylonitrile
Concen: 90.304 ug/l
RT: 7.788 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

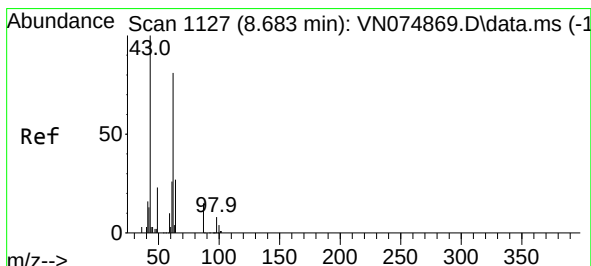
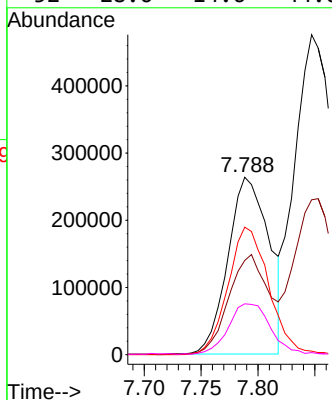
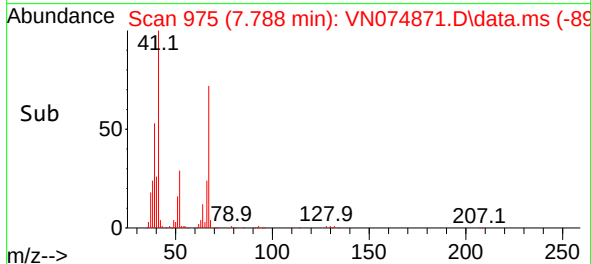
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 66591
Ion Ratio Lower Upper
41 100
39 52.8 27.7 83.1
67 72.1 38.0 113.9
52 28.6 14.6 44.0

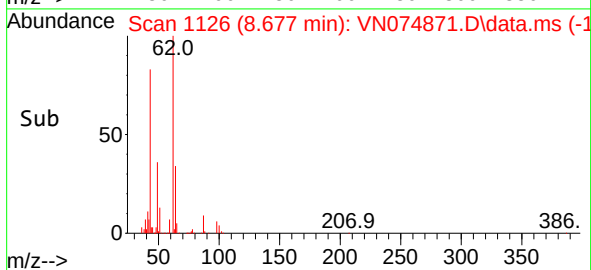
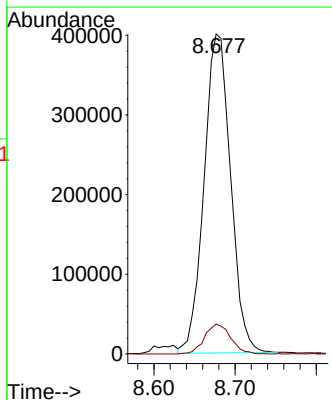
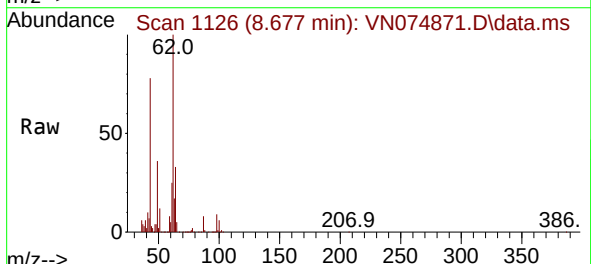
Manual Integrations
APPROVED

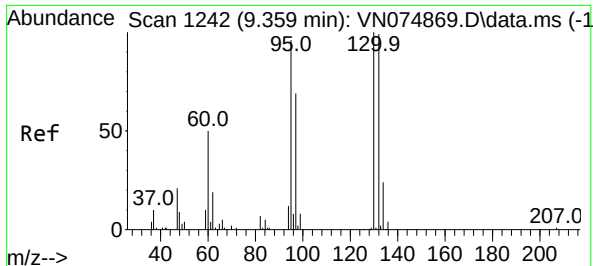
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#36
1,2-Dichloroethane
Concen: 91.890 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Tgt Ion: 62 Resp: 909601
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.2





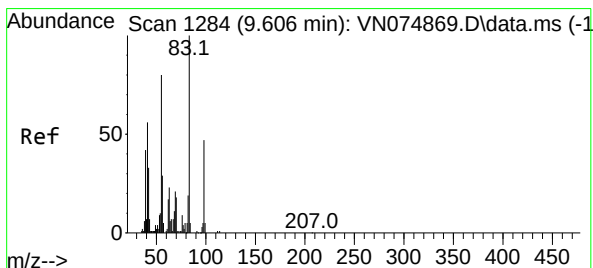
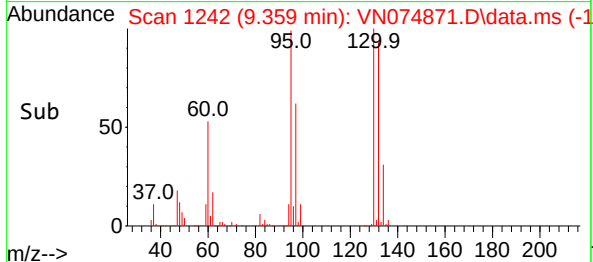
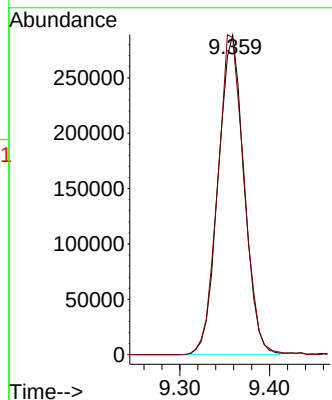
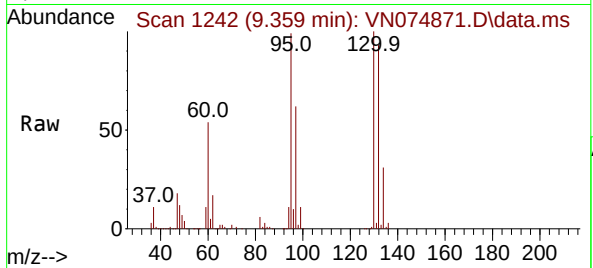
#37
Trichloroethene
Concen: 93.475 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:130 Resp: 577858
Ion Ratio Lower Upper
130 100
95 99.2 75.9 113.9

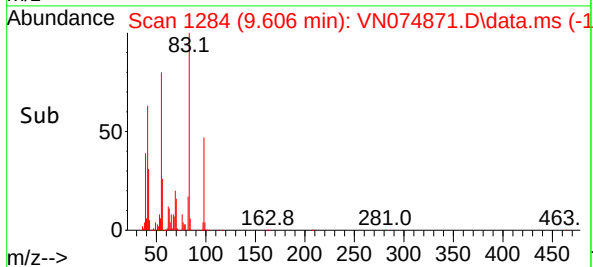
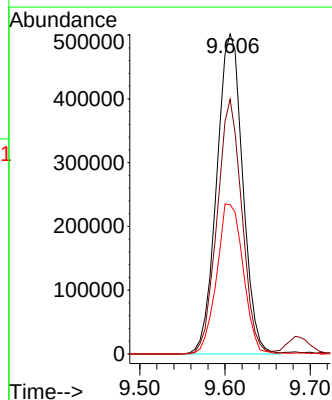
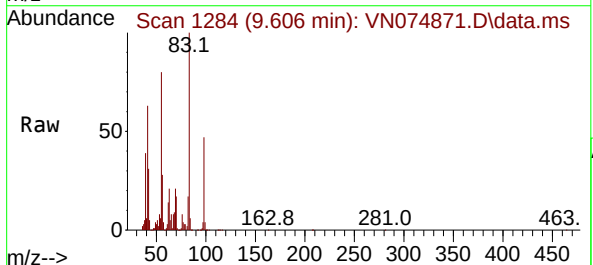
Manual Integrations
APPROVED

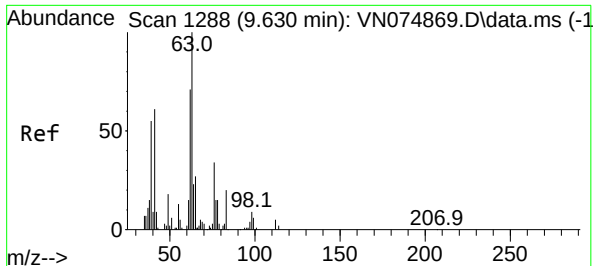
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#38
Methylcyclohexane
Concen: 97.324 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Tgt Ion: 83 Resp: 1063226
Ion Ratio Lower Upper
83 100
55 75.7 37.4 112.2
98 47.7 24.5 73.5





#39

1,2-Dichloropropane

Concen: 92.561 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.006 min

Lab File: VN074871.D

Acq: 12 Oct 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 71325

Ion Ratio Lower Upper

63 100

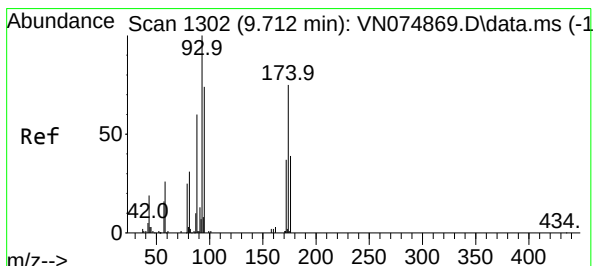
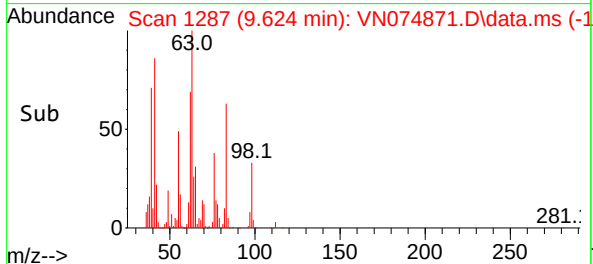
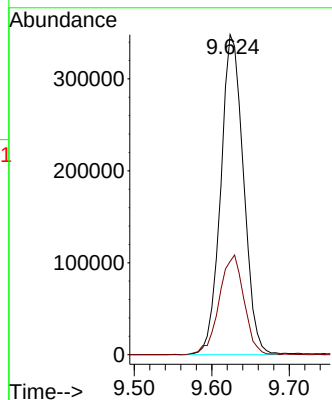
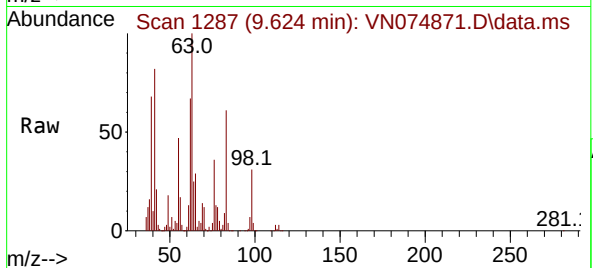
65 29.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#40

Dibromomethane

Concen: 91.039 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074871.D

Acq: 12 Oct 2022 11:50

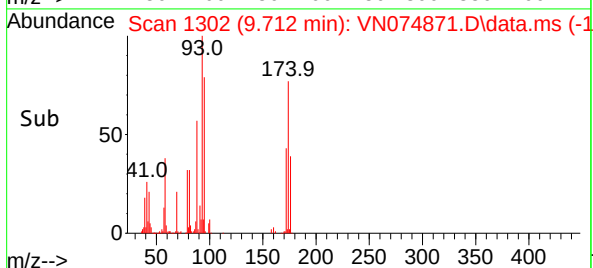
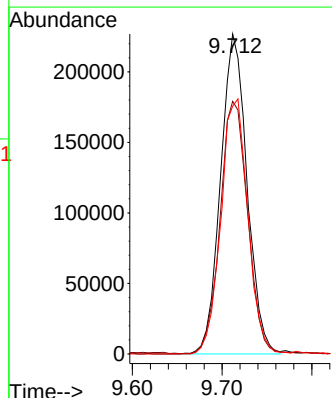
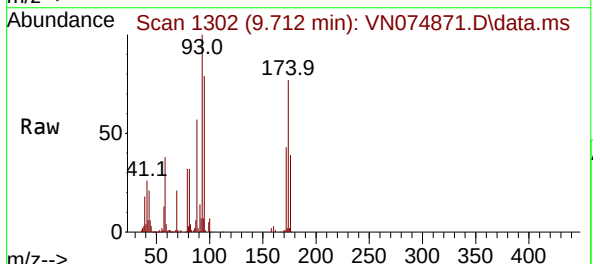
Tgt Ion: 93 Resp: 464875

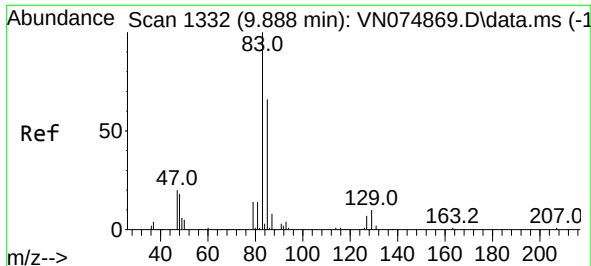
Ion Ratio Lower Upper

93 100

95 82.0 0.0 168.0

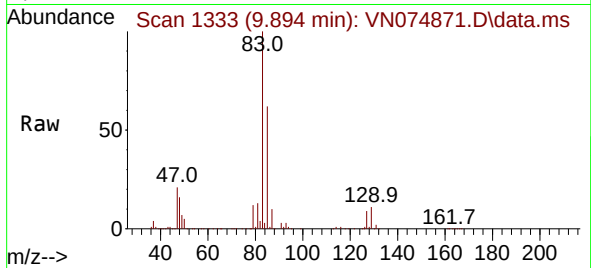
174 81.1 0.0 158.4





#41
Bromodichloromethane
Concen: 95.418 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

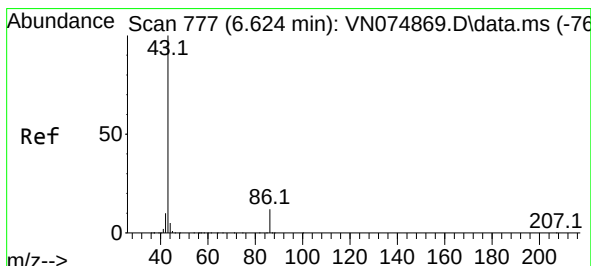
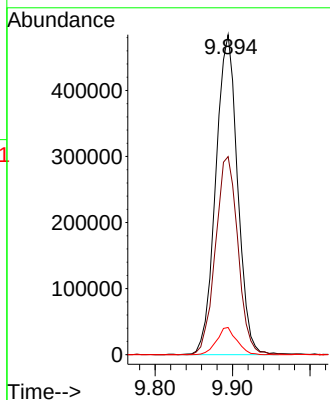
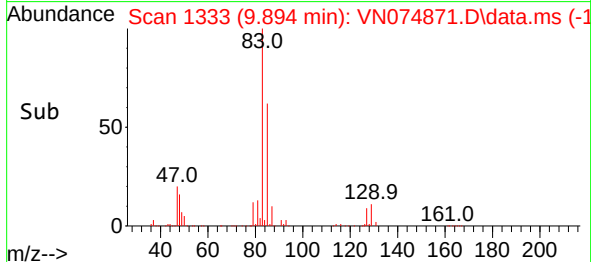
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 94889
Ion Ratio Lower Upper
83 100
85 61.9 50.2 75.4
127 8.5 5.1 7.7

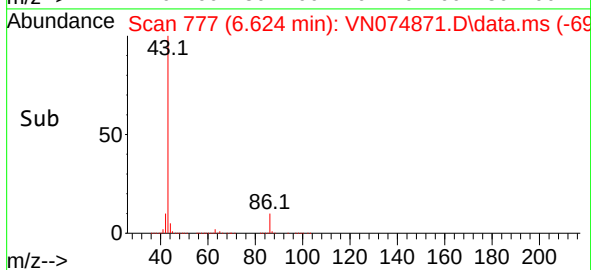
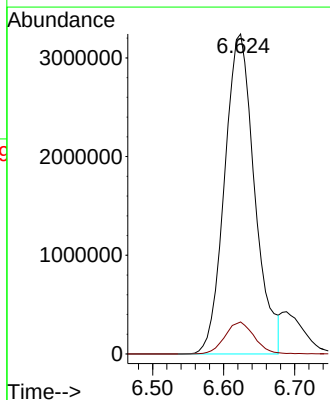
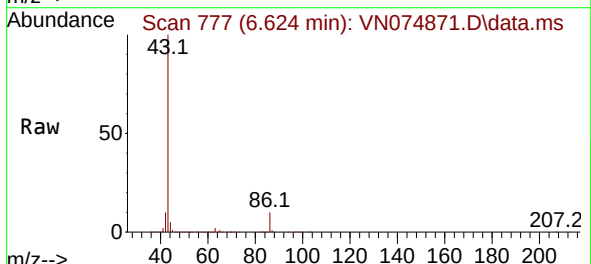
Manual Integrations
APPROVED

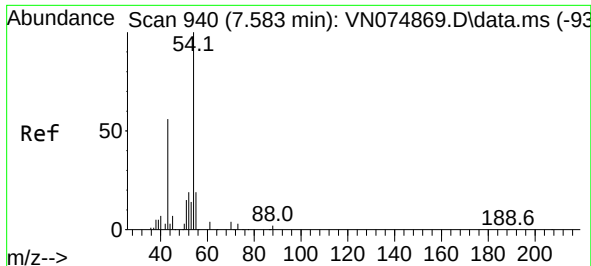
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#42
Vinyl Acetate
Concen: 456.134 ug/l
RT: 6.624 min Scan# 777
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Tgt Ion: 43 Resp: 9558872
Ion Ratio Lower Upper
43 100
86 9.7 7.5 11.3





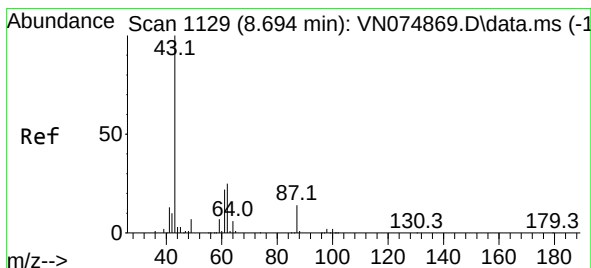
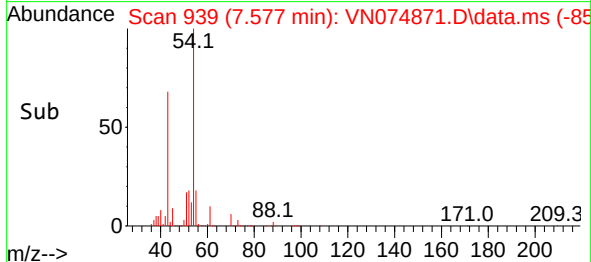
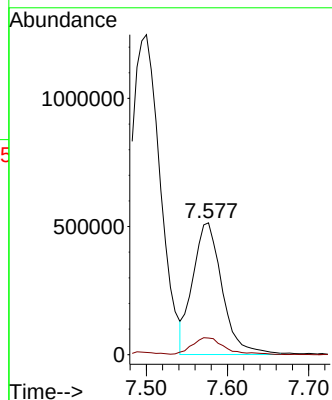
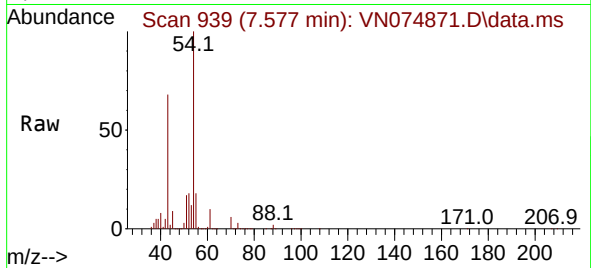
#43
Ethyl Acetate
Concen: 92.113 ug/l
RT: 7.577 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1296582
Ion Ratio Lower Upper
43 100
45 12.6 11.5 17.3

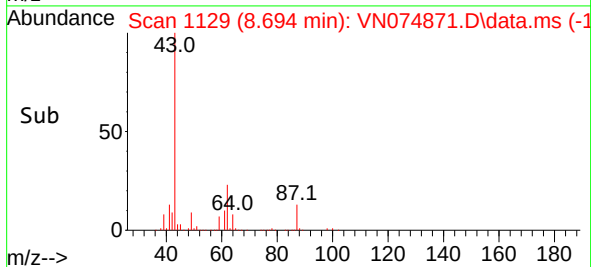
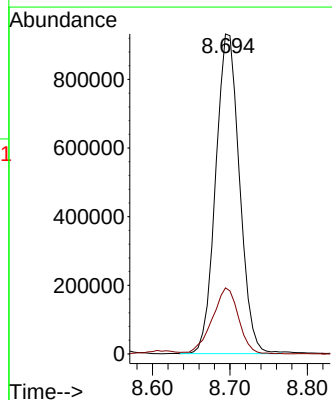
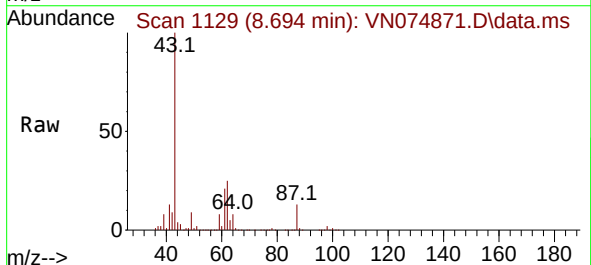
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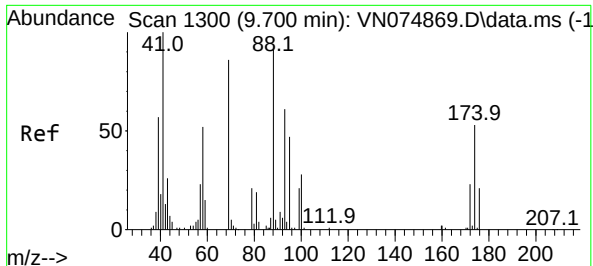
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#44
Isopropyl Acetate
Concen: 92.384 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Tgt Ion: 43 Resp: 1992935
Ion Ratio Lower Upper
43 100
61 22.5 19.5 29.3





#45

1,4-Dioxane

Concen: 1831.509 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074871.D

Acq: 12 Oct 2022 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 362298

Ion Ratio Lower Upper

88 100

43 28.6 25.7 38.5

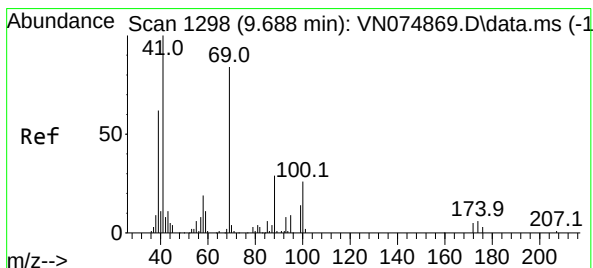
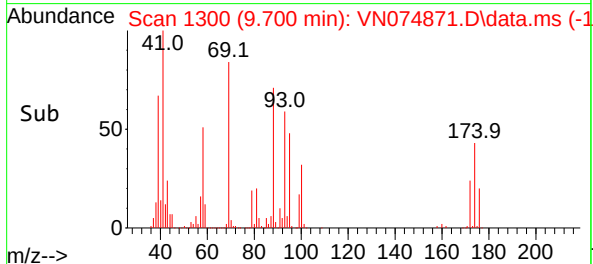
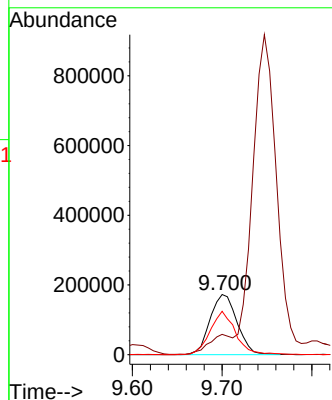
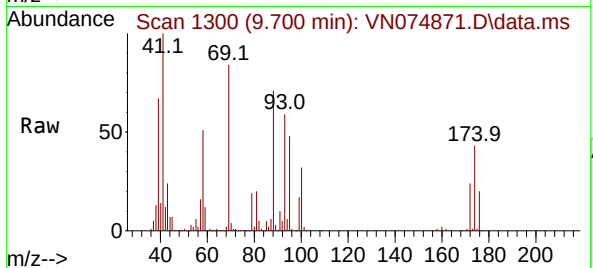
58 66.7 53.4 80.2

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Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#46

Methyl methacrylate

Concen: 94.770 ug/l

RT: 9.682 min Scan# 1297

Delta R.T. -0.006 min

Lab File: VN074871.D

Acq: 12 Oct 2022 11:50

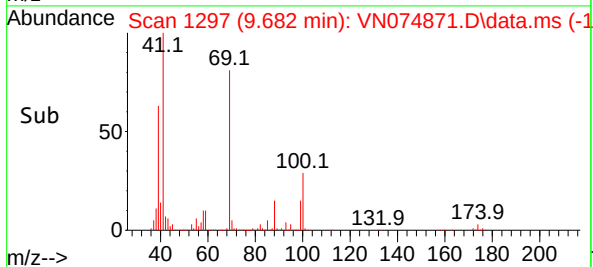
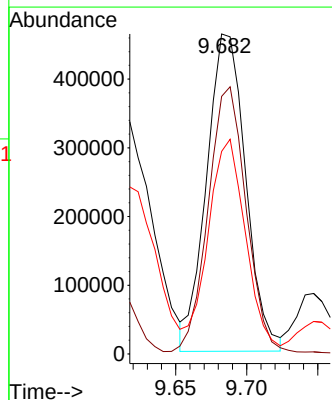
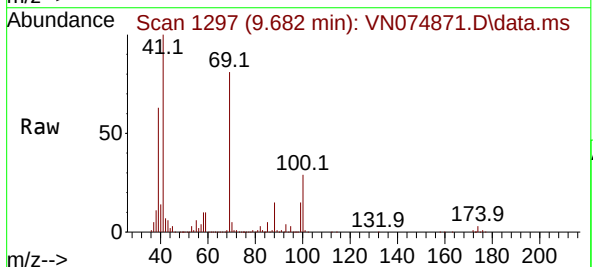
Tgt Ion: 41 Resp: 885429

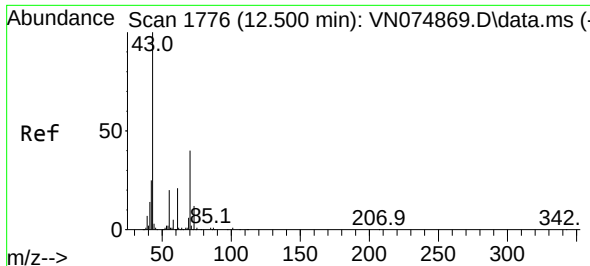
Ion Ratio Lower Upper

41 100

69 82.8 45.6 136.7

39 64.0 32.3 96.9





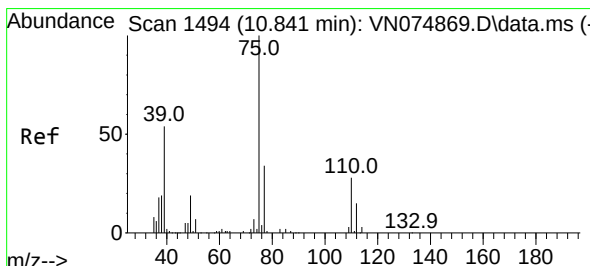
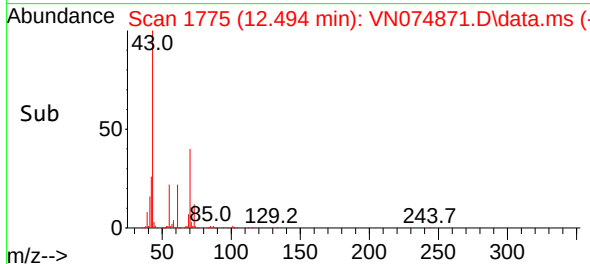
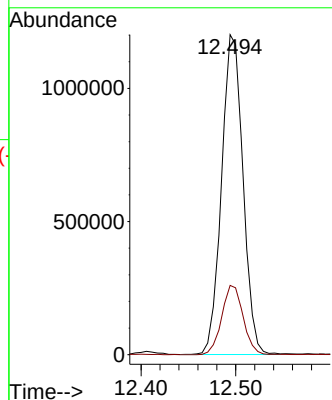
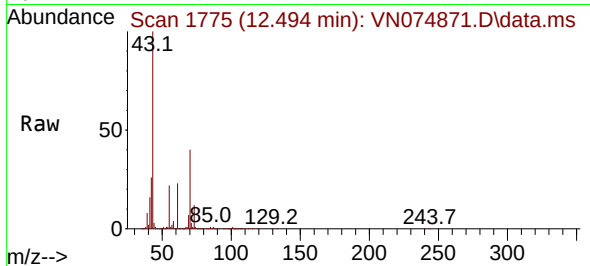
#47
n-amy1 Acetate
Concen: 100.370 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1894508
Ion Ratio Lower Upper
43 100
55 21.5 16.8 25.2

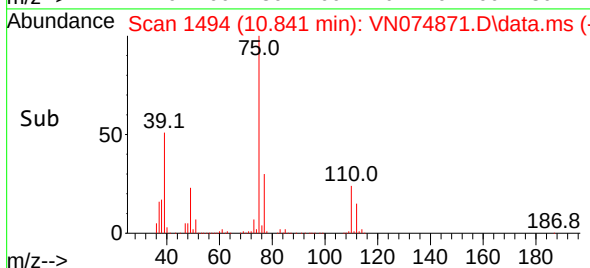
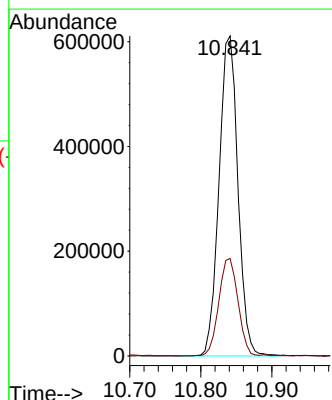
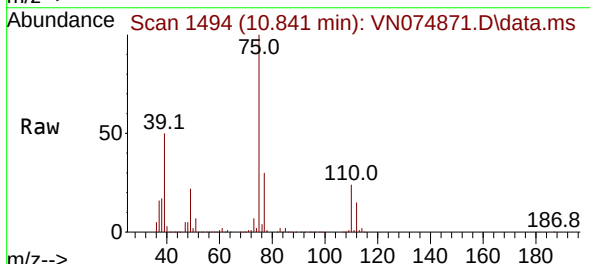
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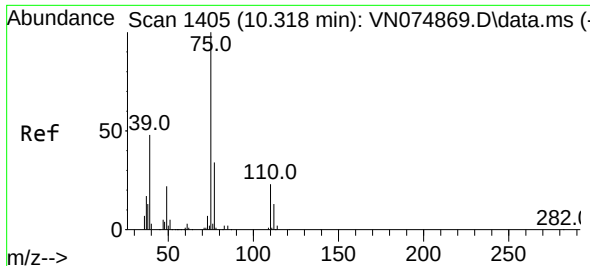
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#48
t-1,3-Dichloropropene
Concen: 98.308 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

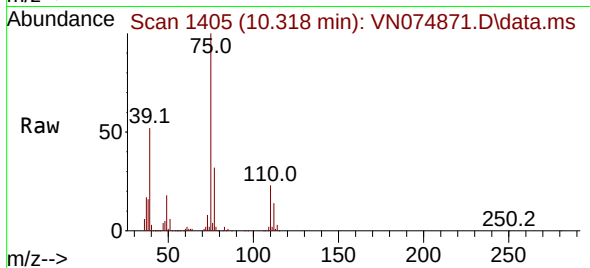
Tgt Ion: 75 Resp: 1125380
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.8





#49
 cis-1,3-Dichloropropene
 Concen: 95.874 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN074871.D
 Acq: 12 Oct 2022 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

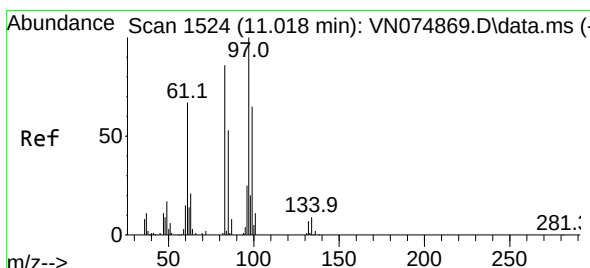
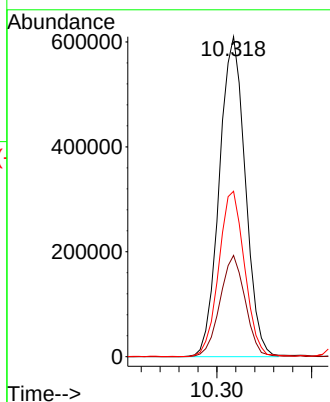
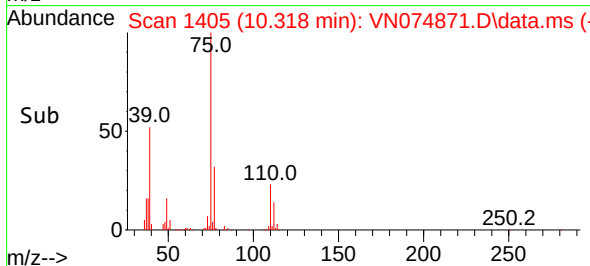


Tgt Ion: 75 Resp: 1159972

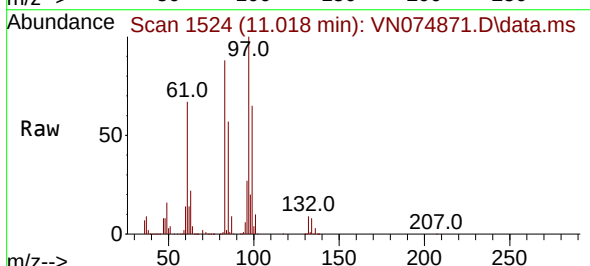
Ion	Ratio	Lower	Upper
75	100		
77	31.7	22.5	33.7
39	51.6	37.6	56.4

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Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022

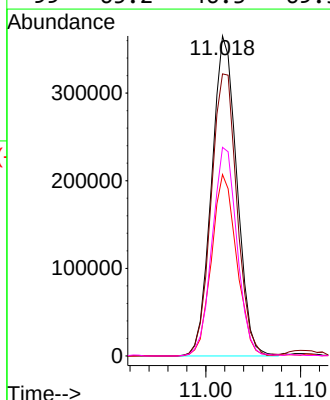
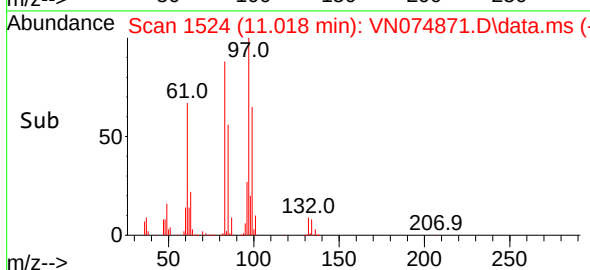


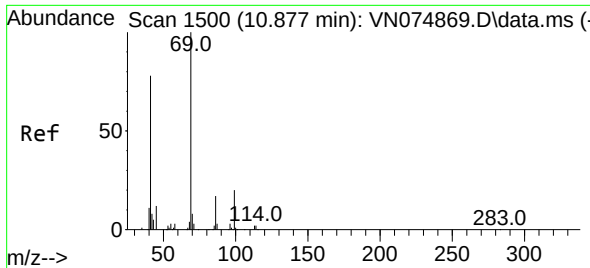
#50
 1,1,2-Trichloroethane
 Concen: 90.159 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VN074871.D
 Acq: 12 Oct 2022 11:50



Tgt Ion: 97 Resp: 677483

Ion	Ratio	Lower	Upper
97	100		
83	88.2	69.2	103.8
85	56.6	41.4	62.2
99	65.2	46.3	69.5





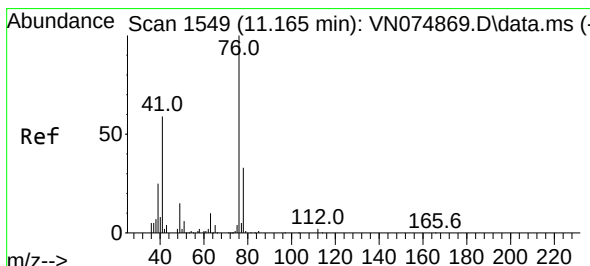
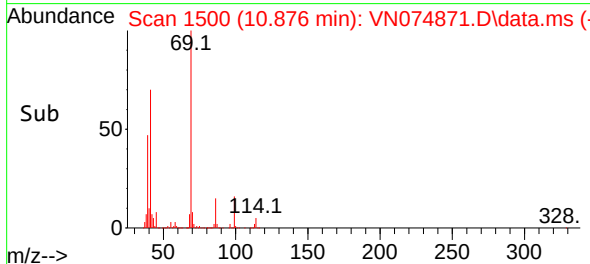
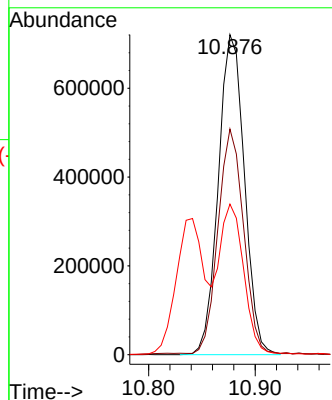
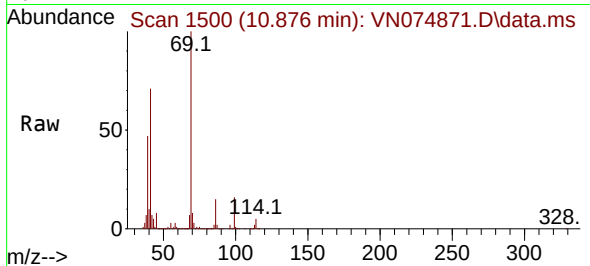
#51
Ethyl methacrylate
Concen: 95.823 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 69 Resp: 1224414
Ion Ratio Lower Upper
69 100
41 70.2 32.5 97.5
39 46.6 21.5 64.5

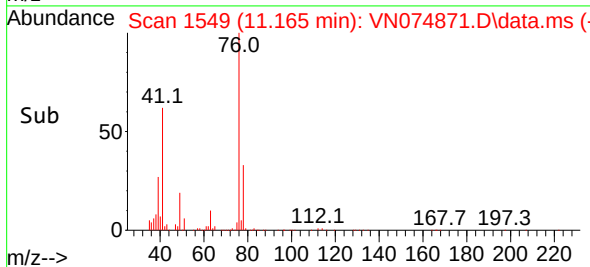
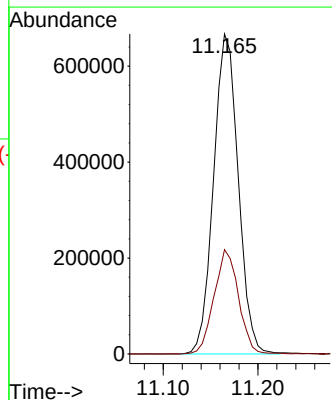
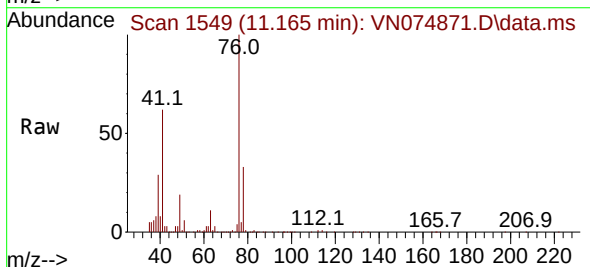
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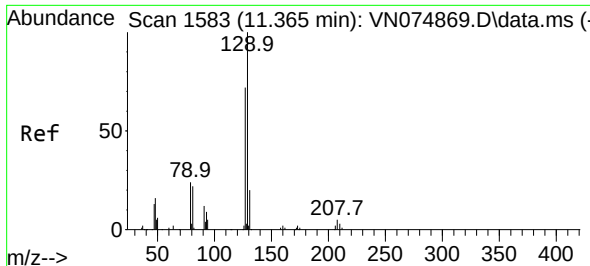
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#52
1,3-Dichloropropane
Concen: 93.135 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Tgt Ion: 76 Resp: 1207956
Ion Ratio Lower Upper
76 100
78 32.2 0.0 63.8





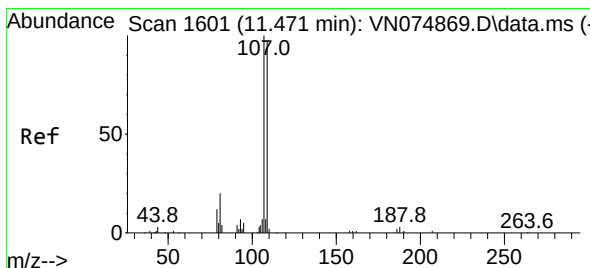
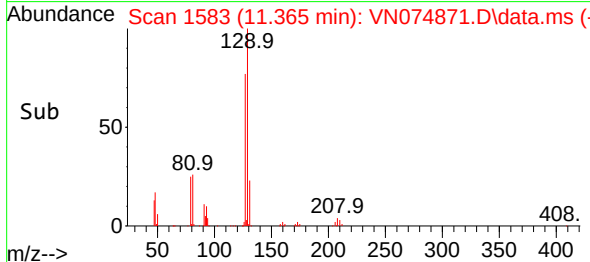
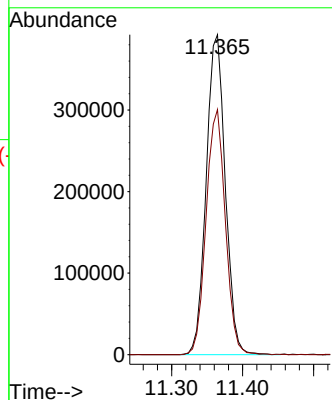
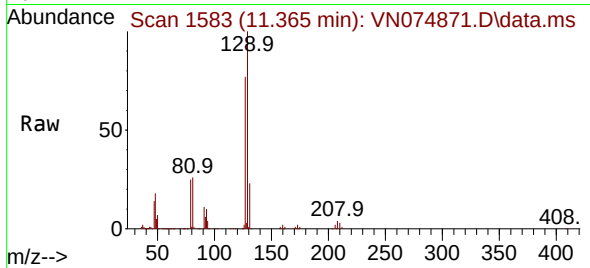
#53
Dibromochloromethane
Concen: 99.523 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:129 Resp: 732688
Ion Ratio Lower Upper
129 100
127 77.2 40.6 121.7

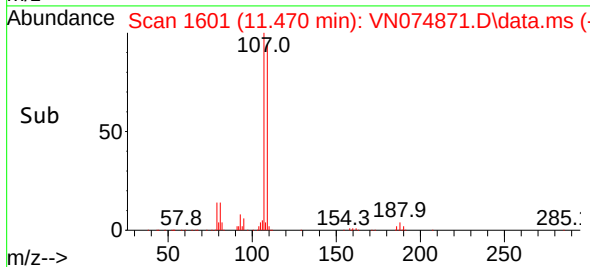
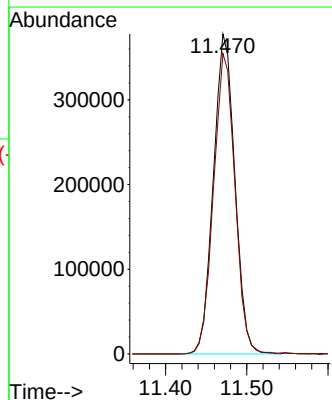
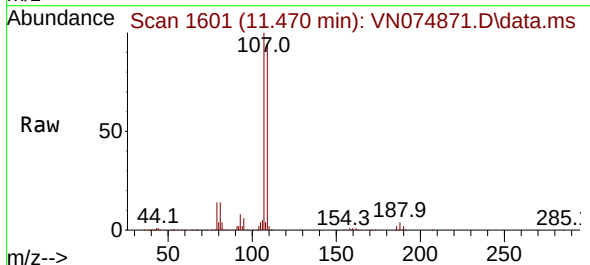
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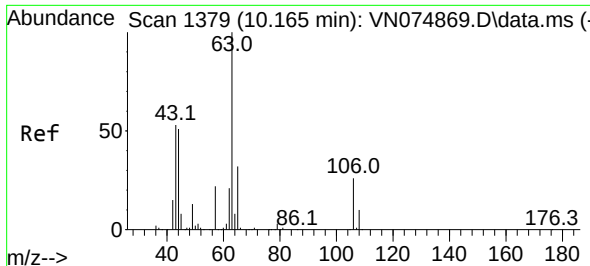
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#54
1,2-Dibromoethane
Concen: 95.947 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

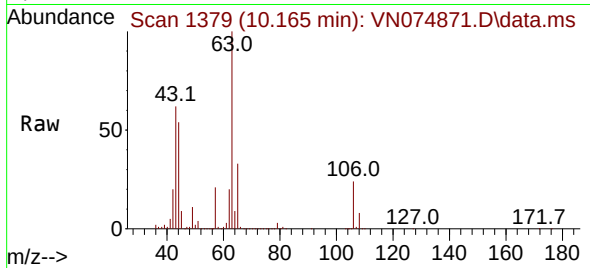
Tgt Ion:107 Resp: 692692
Ion Ratio Lower Upper
107 100
109 93.6 76.2 114.2





#55
2-Chloroethyl vinyl ether
Concen: 447.942 ug/l
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

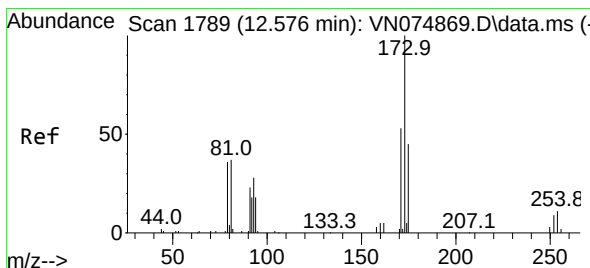
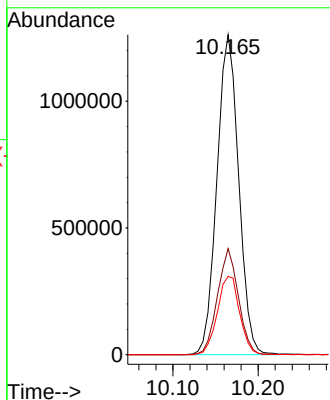
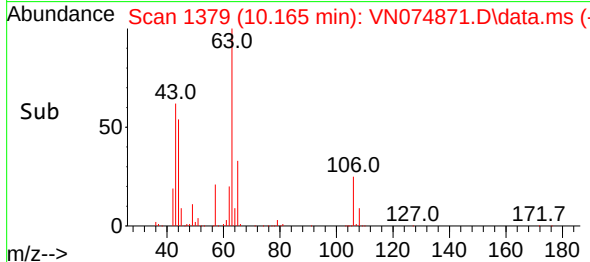
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



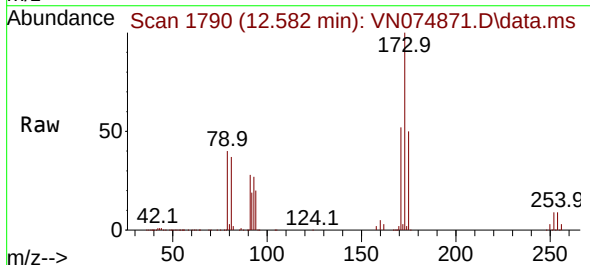
Tgt Ion: 63 Resp: 2238870
Ion Ratio Lower Upper
63 100
65 31.8 24.6 36.8
106 25.0 21.3 31.9

Manual Integrations
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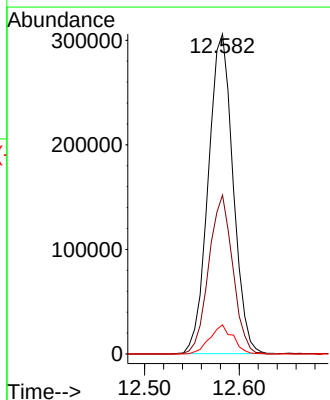
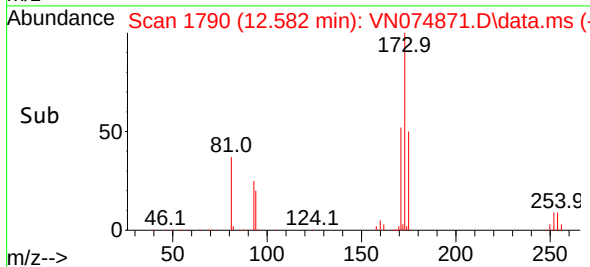
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

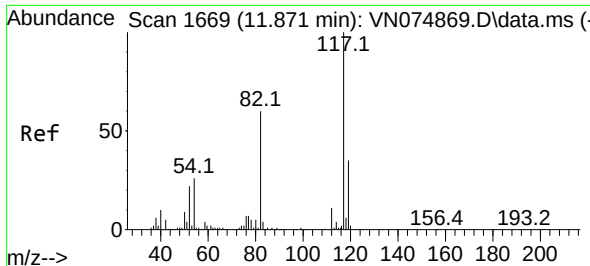


#56
Bromoform
Concen: 104.910 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



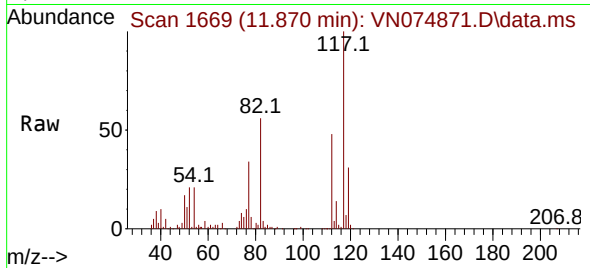
Tgt Ion:173 Resp: 556563
Ion Ratio Lower Upper
173 100
175 48.1 39.1 58.7
254 8.5 7.0 10.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

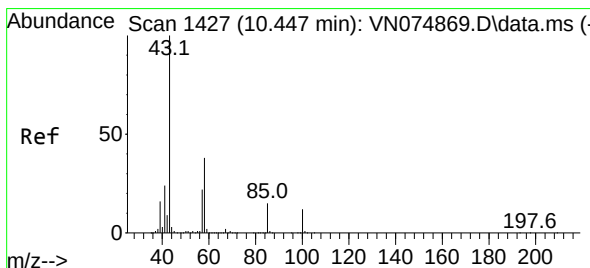
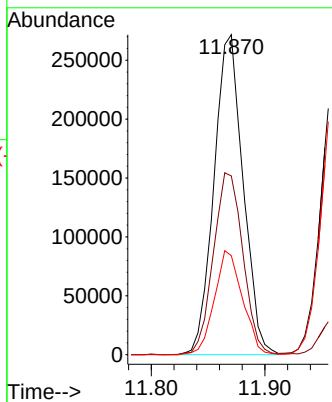
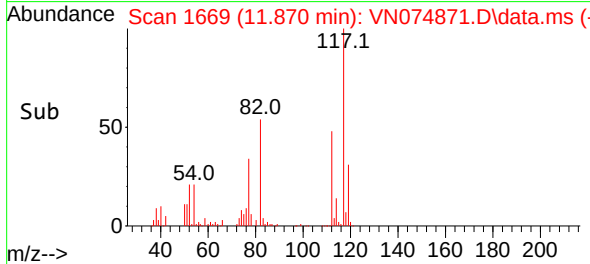
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



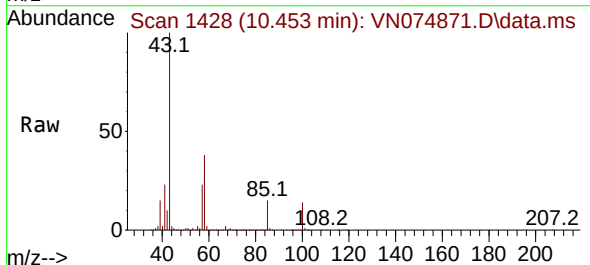
Tgt Ion:117 Resp: 484469
Ion Ratio Lower Upper
117 100
82 57.6 44.6 67.0
119 31.4 25.6 38.4

Manual Integrations
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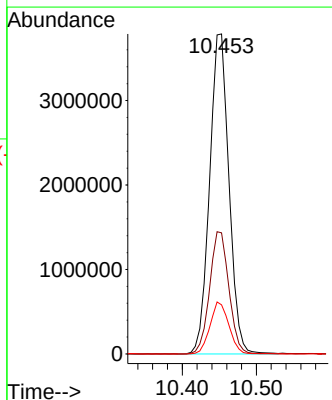
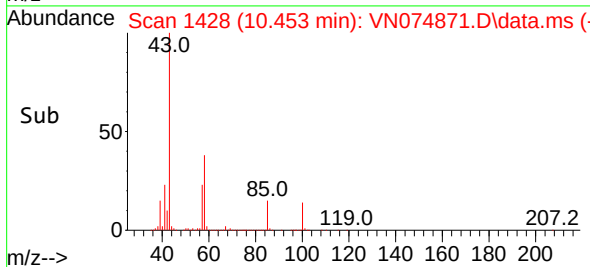
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

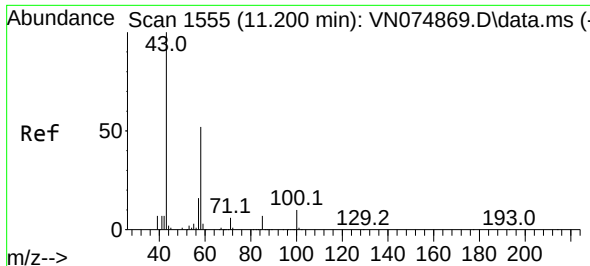


#58
4-Methyl-2-Pentanone
Concen: 456.143 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



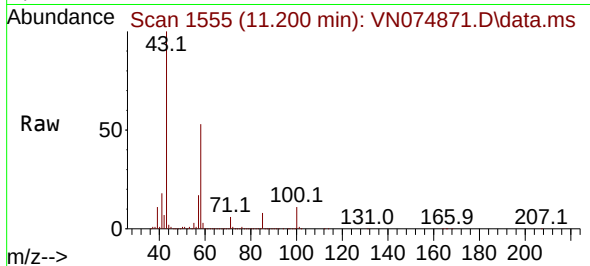
Tgt Ion: 43 Resp: 6872732
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2
85 15.8 13.3 19.9





#59
2-Hexanone
Concen: 460.540 ug/l
RT: 11.200 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

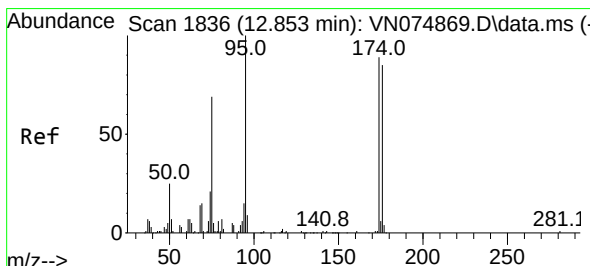
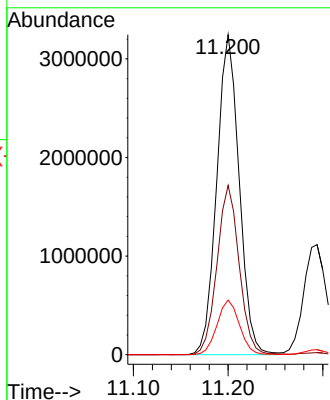
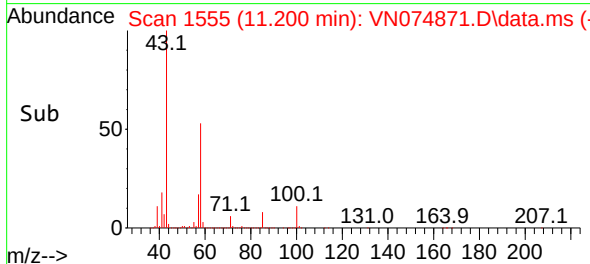
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



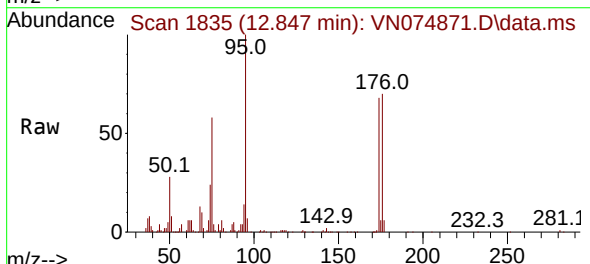
Tgt Ion: 43 Resp: 534025
Ion Ratio Lower Upper
43 100
58 52.3 43.6 65.4
57 17.1 14.3 21.5

Manual Integrations
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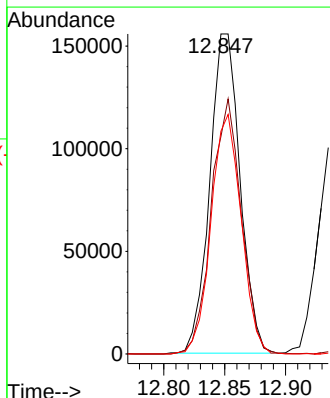
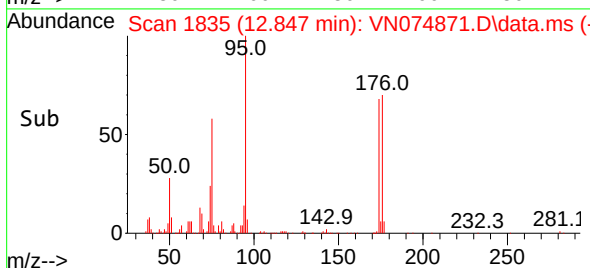
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

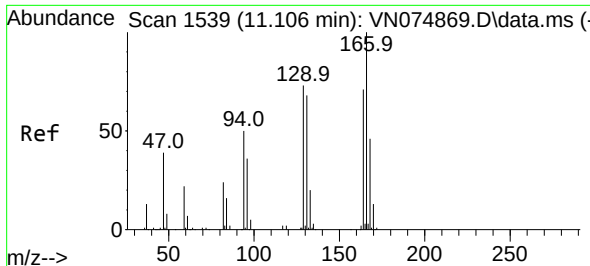


#60
4-Bromofluorobenzene
Concen: 31.413 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



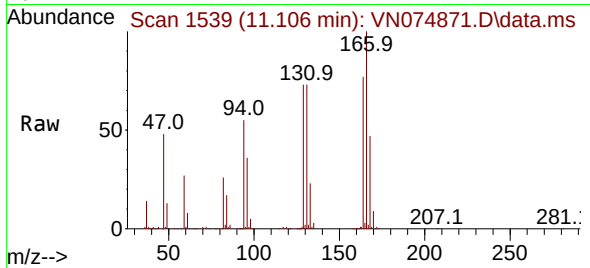
Tgt Ion: 95 Resp: 269879
Ion Ratio Lower Upper
95 100
174 78.9 57.8 86.8
176 74.5 57.0 85.4





#61
Tetrachloroethene
Concen: 87.508 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

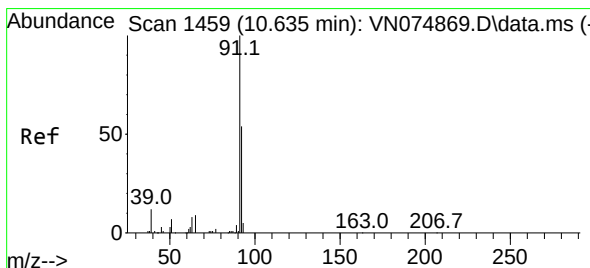
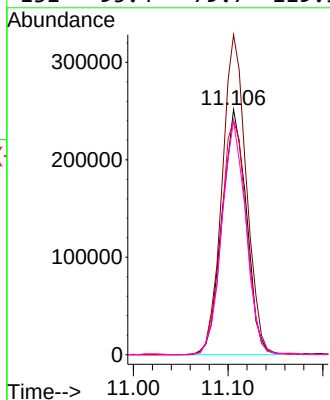
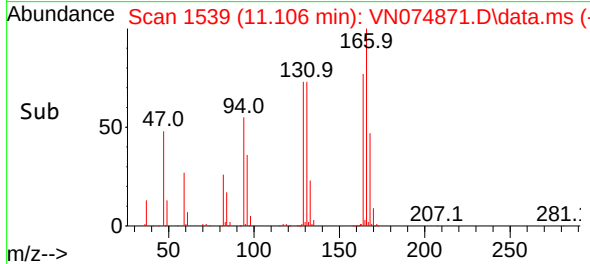
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:164 Resp: 45196
Ion Ratio Lower Upper
164 100
166 130.5 99.6 149.4
129 95.6 84.0 126.0
131 95.4 79.7 119.5

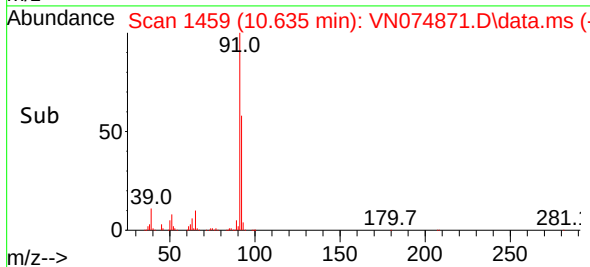
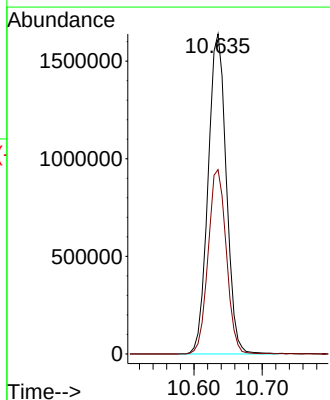
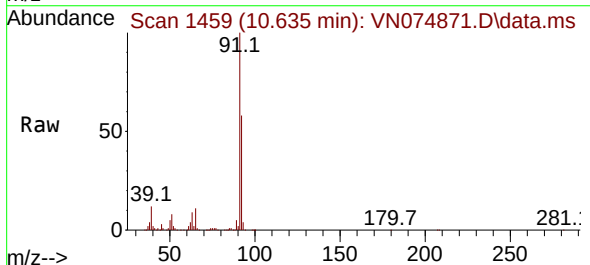
Manual Integrations
APPROVED

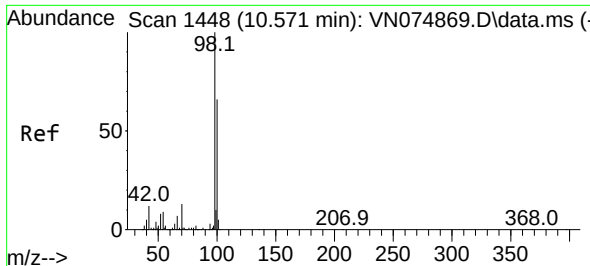
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#62
Toluene
Concen: 91.105 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

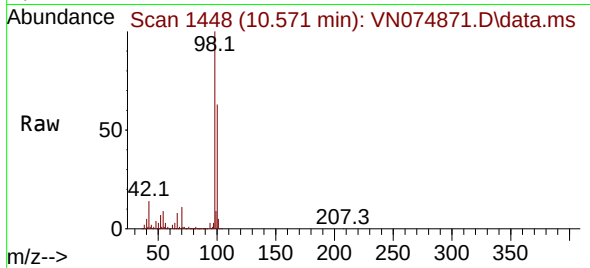
Tgt Ion: 91 Resp: 3049358
Ion Ratio Lower Upper
91 100
92 57.4 46.0 69.0





#63
Toluene-d8
Concen: 29.125 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

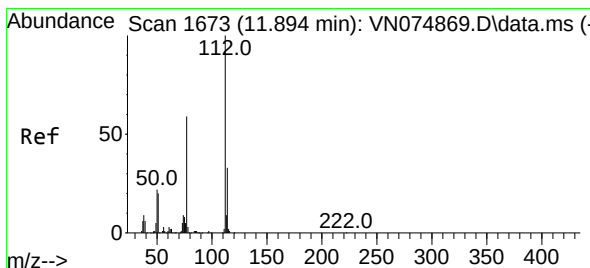
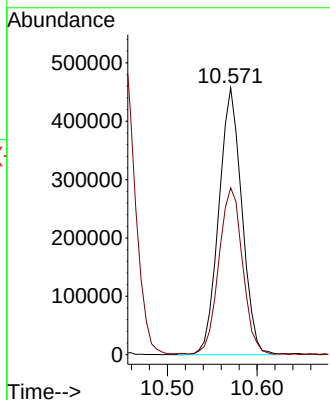
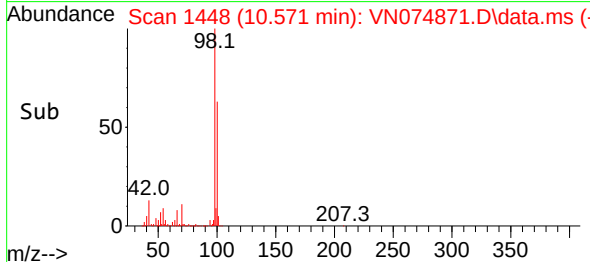
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 98 Resp: 814350
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1

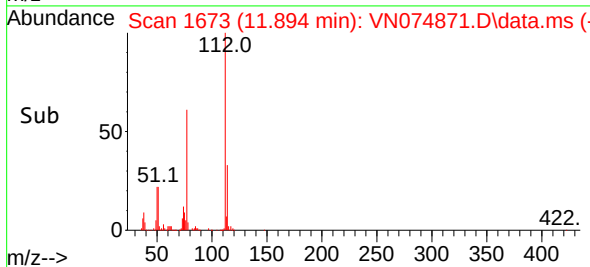
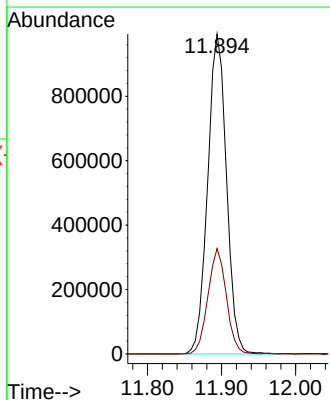
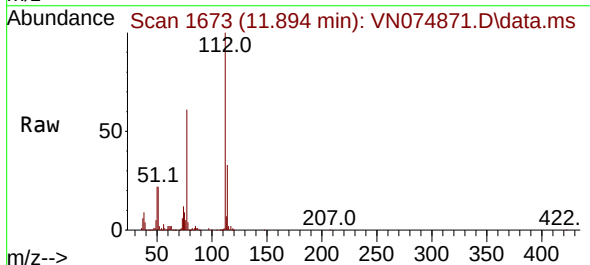
Manual Integrations
APPROVED

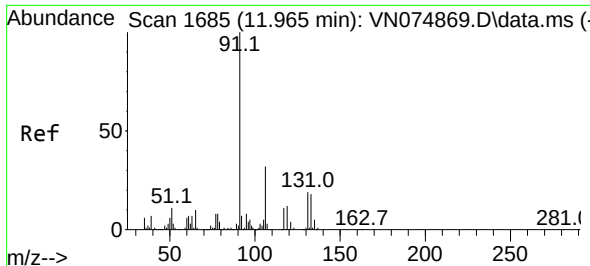
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#64
Chlorobenzene
Concen: 92.101 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

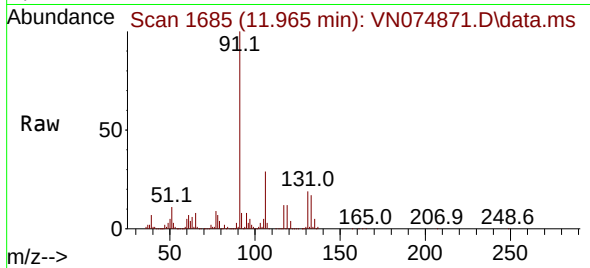
Tgt Ion:112 Resp: 1752225
Ion Ratio Lower Upper
112 100
114 33.0 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 92.253 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

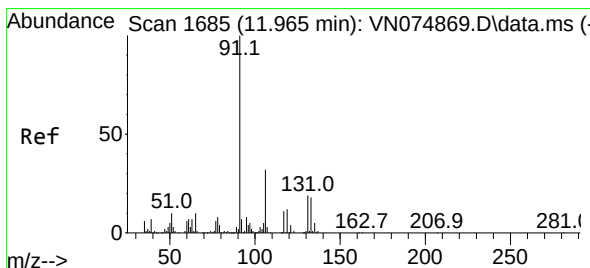
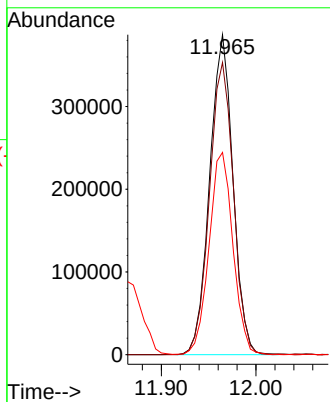
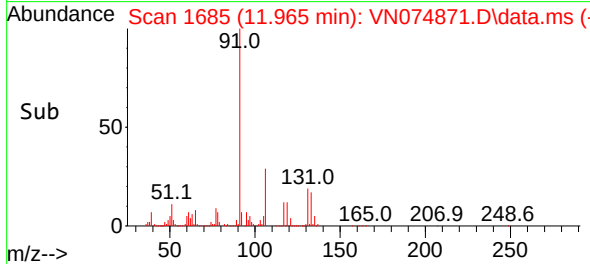
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:131 Resp: 661065
Ion Ratio Lower Upper
131 100
133 94.0 0.0 191.8
119 64.9 0.0 135.8

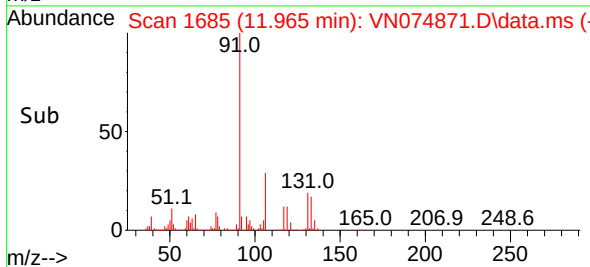
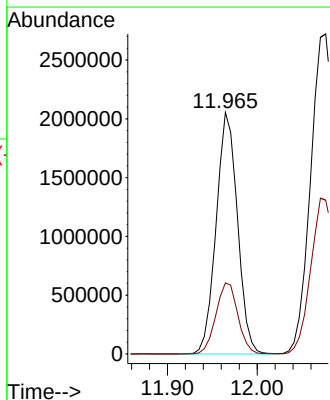
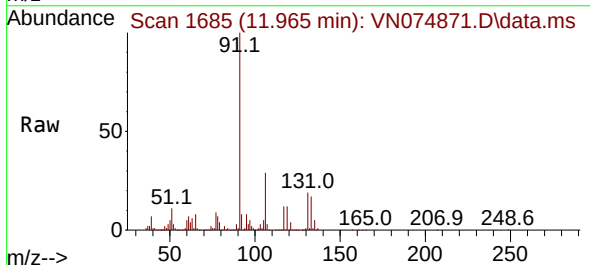
Manual Integrations
APPROVED

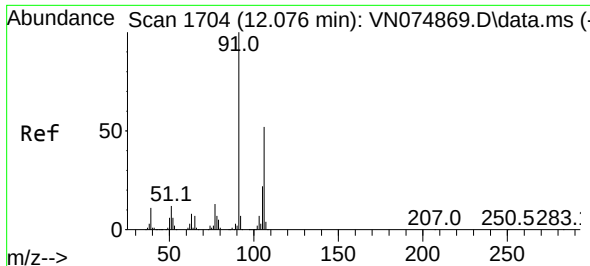
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#66
Ethyl Benzene
Concen: 93.103 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Tgt Ion: 91 Resp: 3388620
Ion Ratio Lower Upper
91 100
106 29.4 24.1 36.1





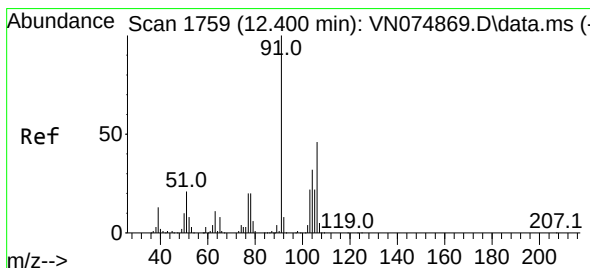
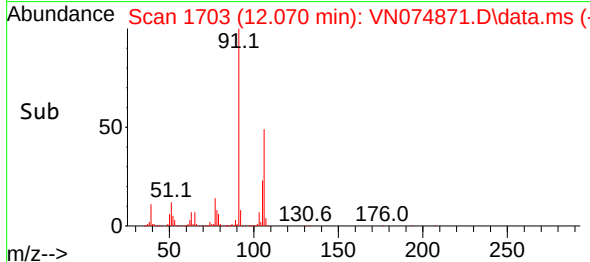
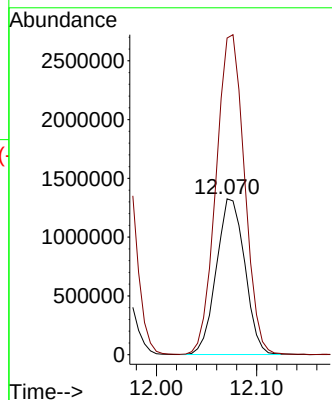
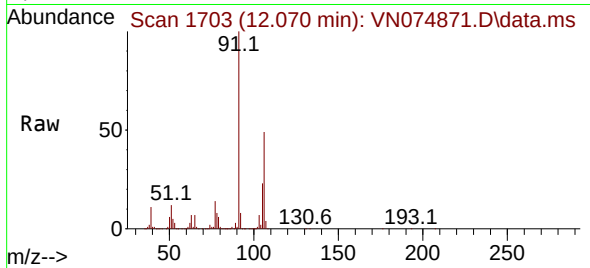
#67
m/p-Xylenes
Concen: 191.189 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 261416
Ion Ratio Lower Upper
106 100
91 205.5 164.2 246.4

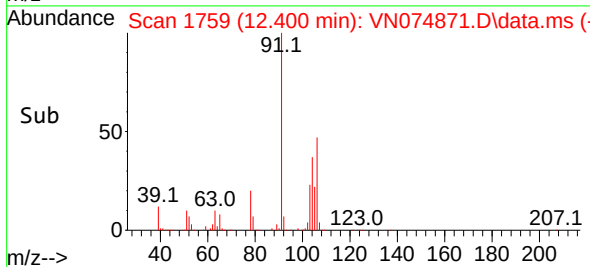
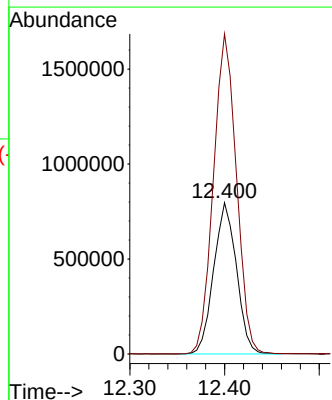
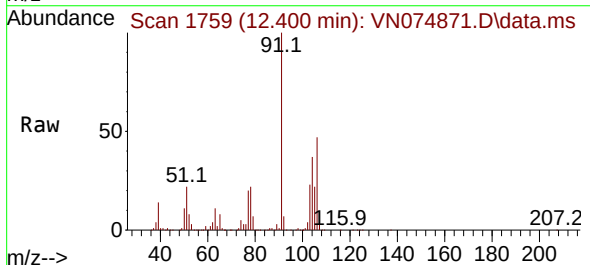
Manual Integrations
APPROVED

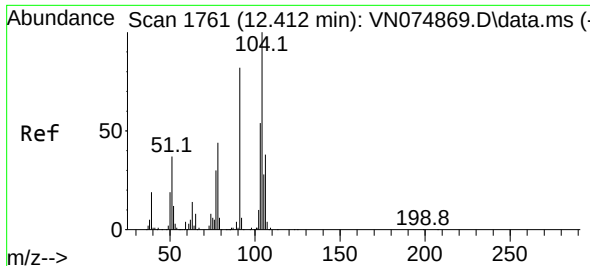
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#68
o-Xylene
Concen: 95.576 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

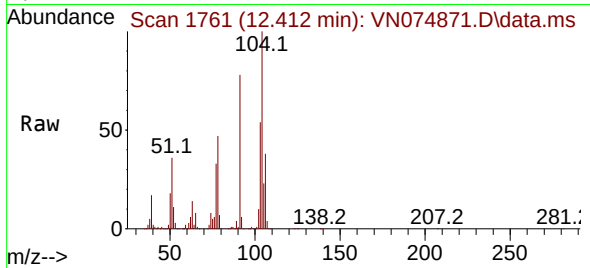
Tgt Ion:106 Resp: 1328365
Ion Ratio Lower Upper
106 100
91 214.0 108.5 325.5





#69
Styrene
Concen: 98.936 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

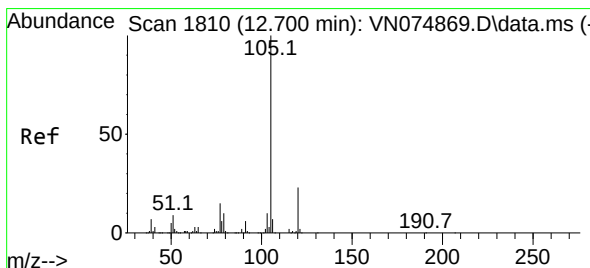
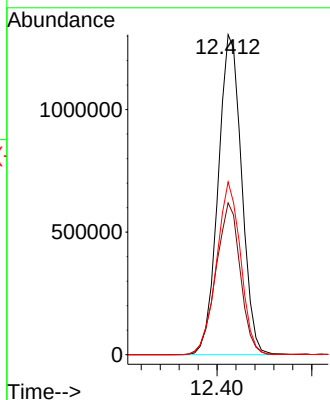
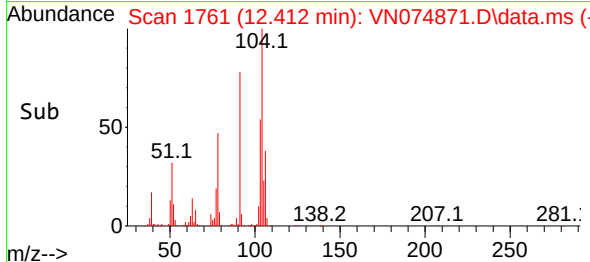
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



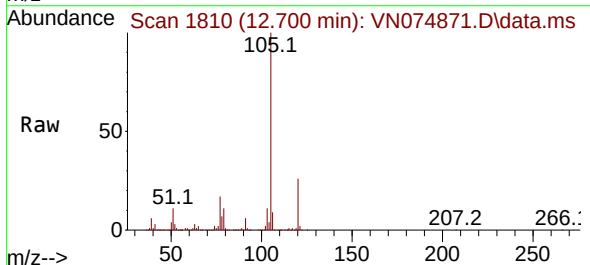
Tgt Ion:104 Resp: 2250615
Ion Ratio Lower Upper
104 100
78 49.2 39.9 59.9
103 55.3 43.8 65.8

Manual Integrations
APPROVED

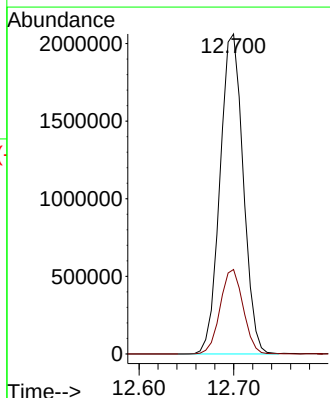
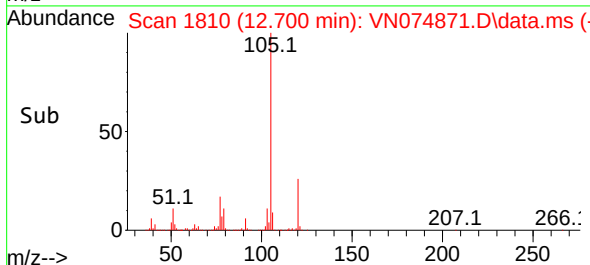
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

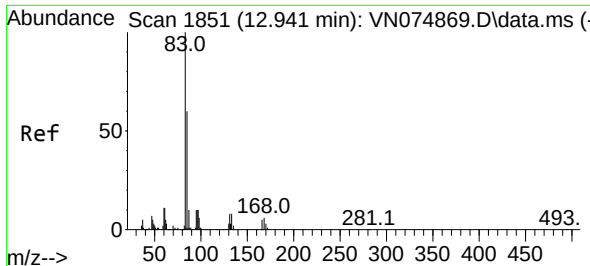


#70
Isopropylbenzene
Concen: 97.964 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



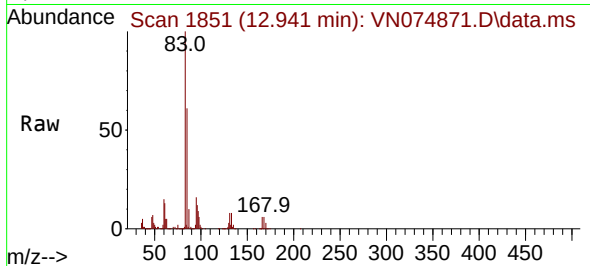
Tgt Ion:105 Resp: 3511595
Ion Ratio Lower Upper
105 100
120 26.1 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 91.874 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

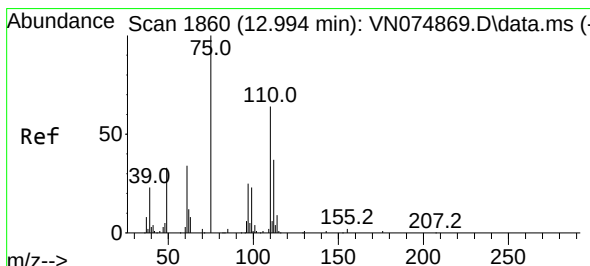
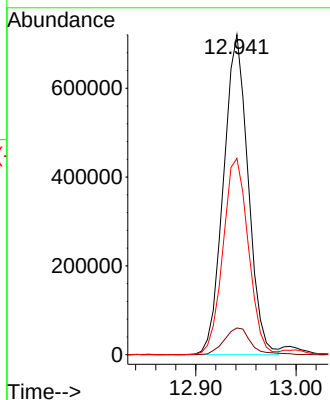
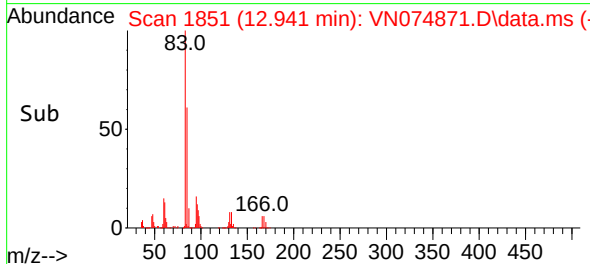
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



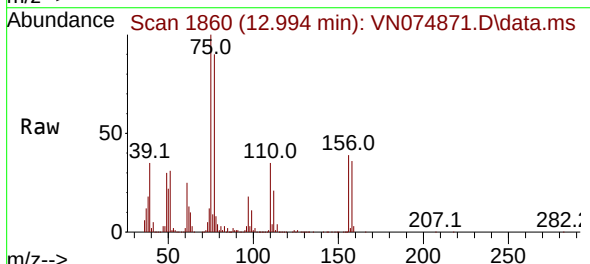
Tgt Ion: 83 Resp: 1231930
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.5
85 63.3 30.9 92.7

Manual Integrations
APPROVED

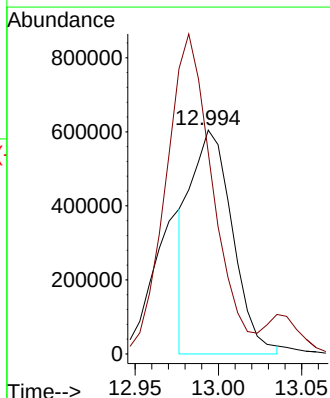
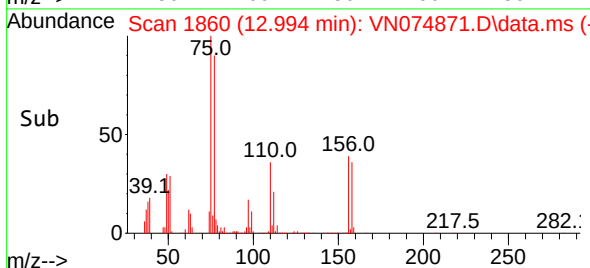
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

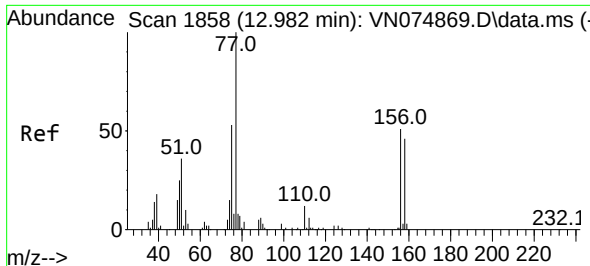


#72
1,2,3-Trichloropropane
Concen: 97.258 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



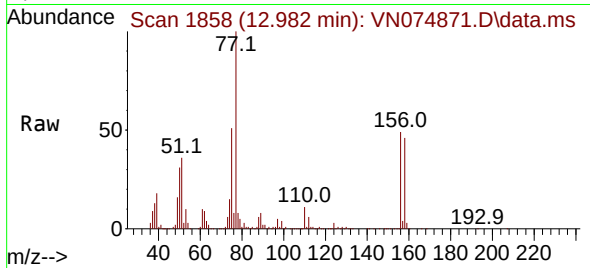
Tgt Ion: 75 Resp: 1060600
Ion Ratio Lower Upper
75 100
77 160.1 0.0 372.4





#73
Bromobenzene
Concen: 94.960 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

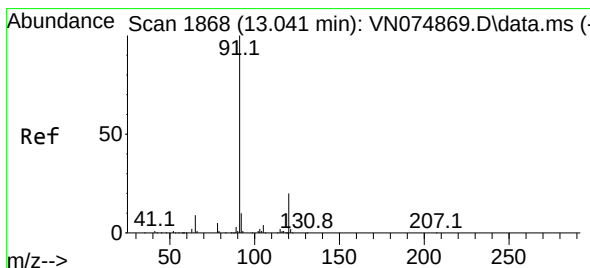
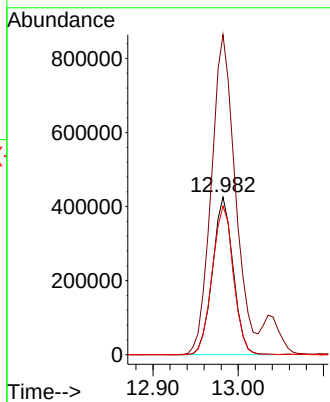
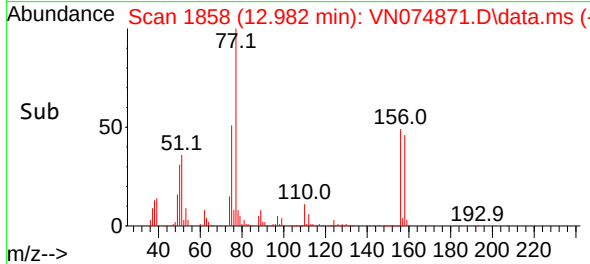
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:156 Resp: 713304
Ion Ratio Lower Upper
156 100
77 238.0 0.0 491.8
158 97.0 0.0 185.0

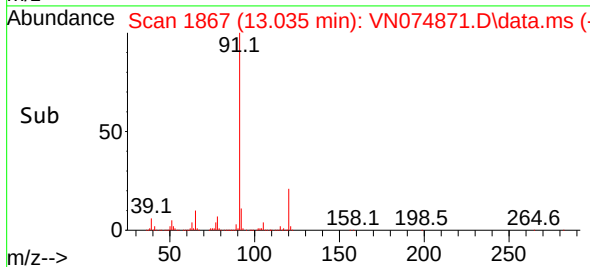
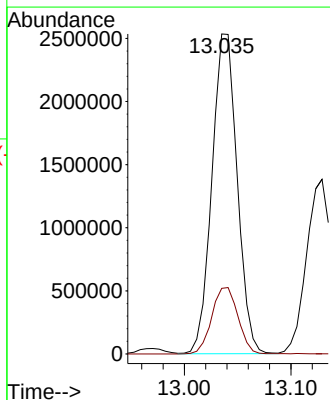
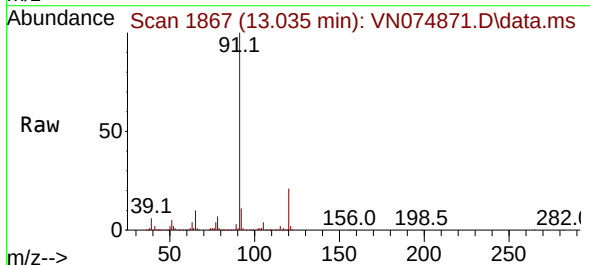
Manual Integrations
APPROVED

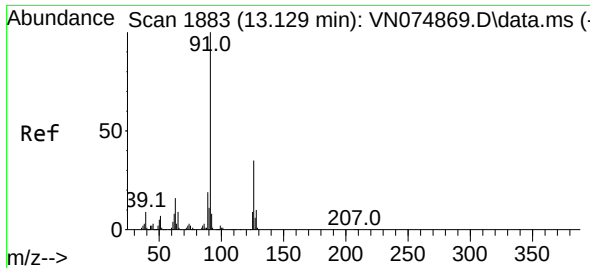
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#74
n-propylbenzene
Concen: 99.843 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Tgt Ion: 91 Resp: 4172813
Ion Ratio Lower Upper
91 100
120 21.5 0.0 44.6





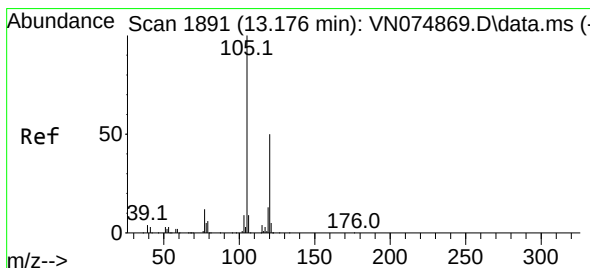
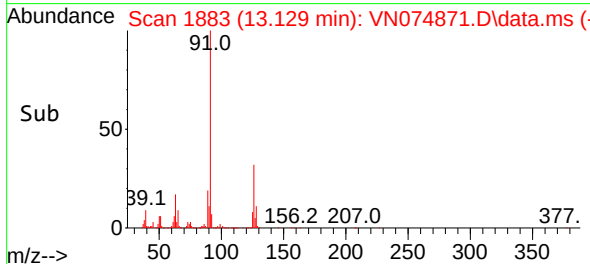
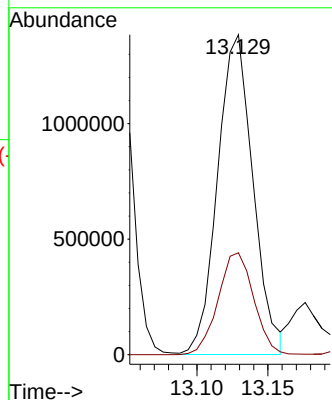
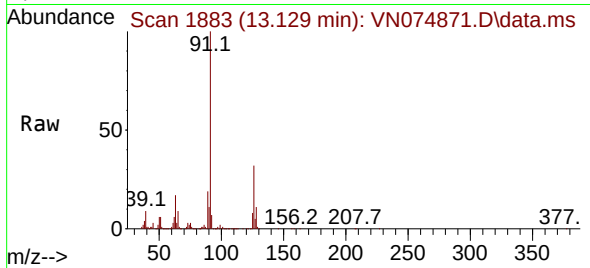
#75
2-Chlorotoluene
Concen: 98.191 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 240070
Ion Ratio Lower Upper
91 100
126 32.0 0.0 66.2

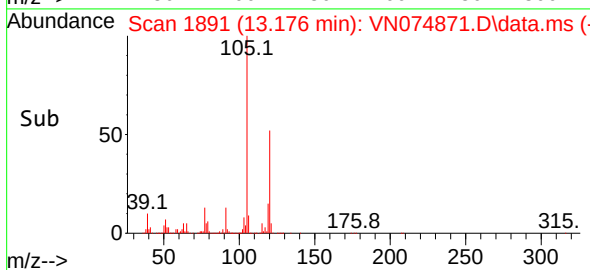
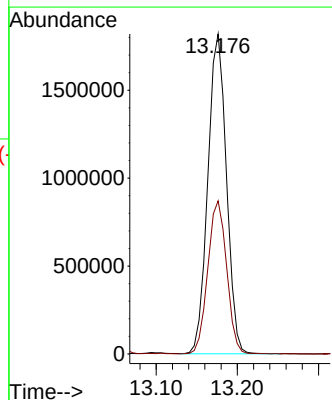
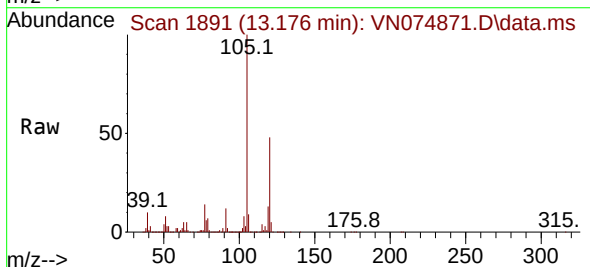
Manual Integrations
APPROVED

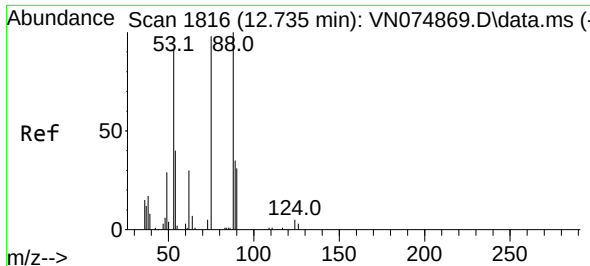
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#76
1,3,5-Trimethylbenzene
Concen: 99.252 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

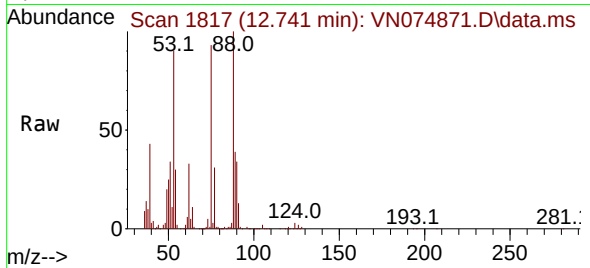
Tgt Ion:105 Resp: 2891132
Ion Ratio Lower Upper
105 100
120 48.5 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 99.447 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

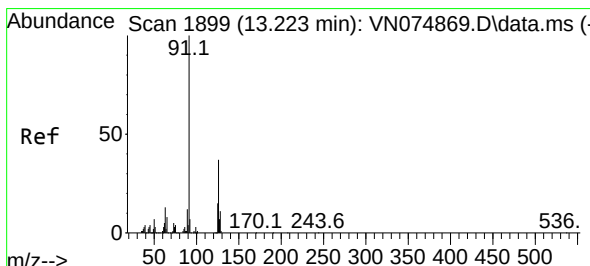
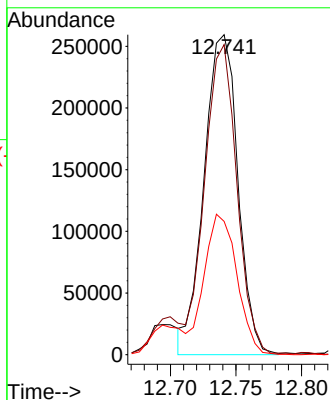
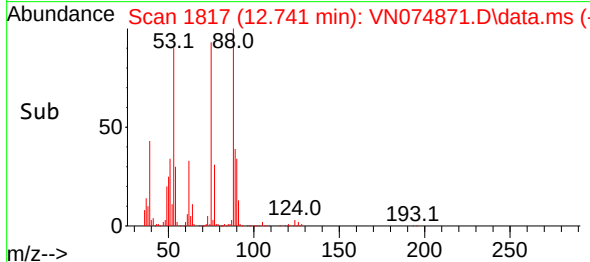
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 46544
Ion Ratio Lower Upper
75 100
53 96.7 43.3 129.9
89 41.7 21.1 63.1

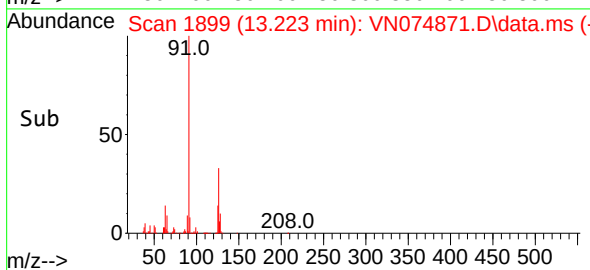
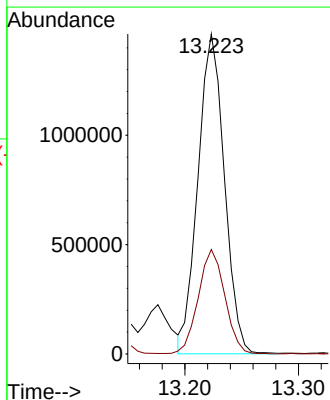
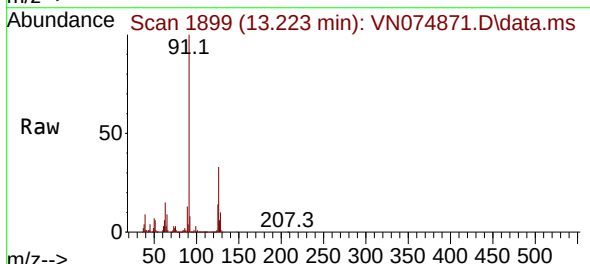
Manual Integrations
APPROVED

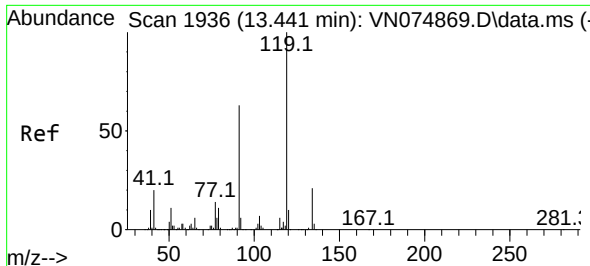
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#78
4-Chlorotoluene
Concen: 98.284 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

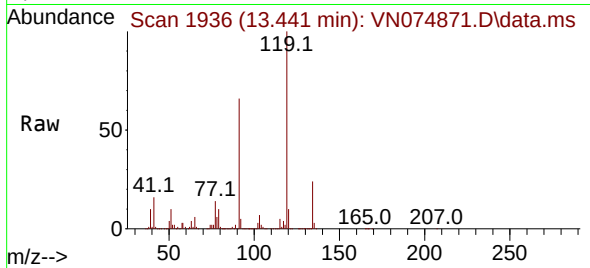
Tgt Ion: 91 Resp: 2365525
Ion Ratio Lower Upper
91 100
126 32.9 0.0 67.8





#79
tert-butylbenzene
Concen: 96.458 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

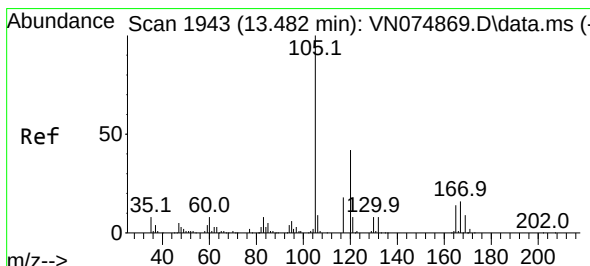
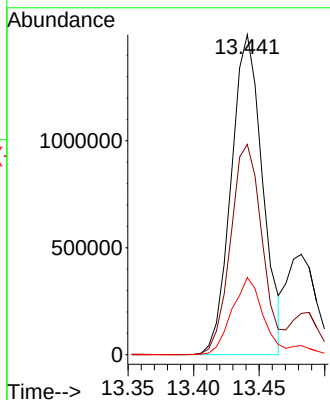
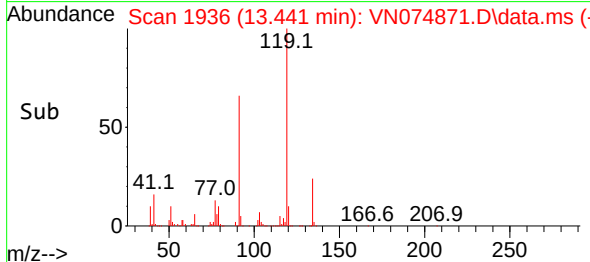
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



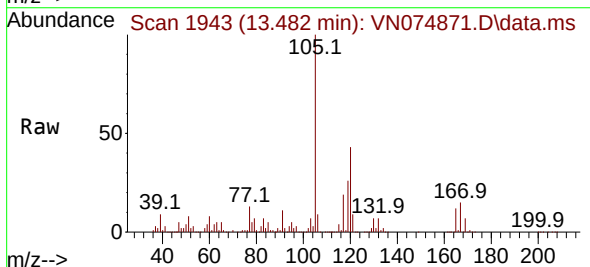
Tgt Ion:119 Resp: 2499378
Ion Ratio Lower Upper
119 100
91 67.1 0.0 129.0
134 23.7 0.0 52.2

Manual Integrations
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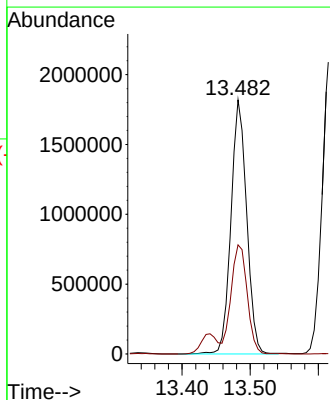
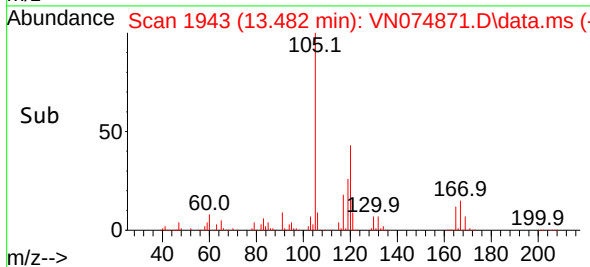
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

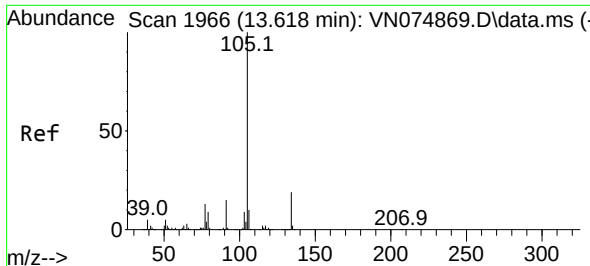


#80
1,2,4-Trimethylbenzene
Concen: 99.498 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



Tgt Ion:105 Resp: 2916231
Ion Ratio Lower Upper
105 100
120 43.6 0.0 93.2





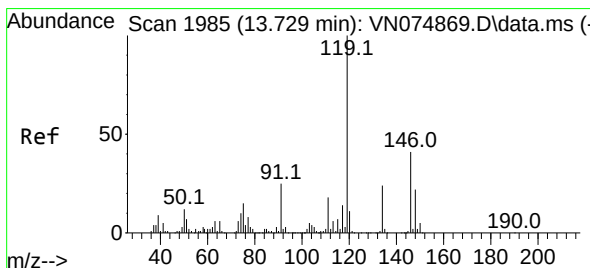
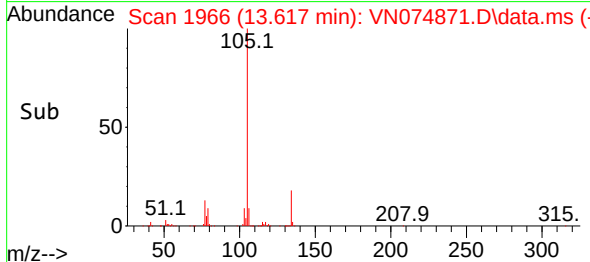
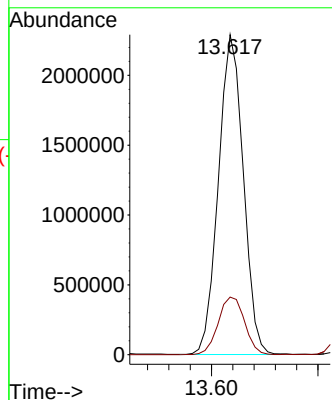
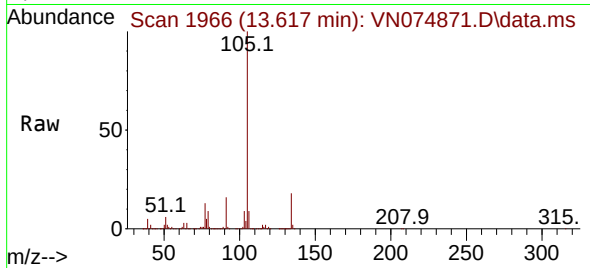
#81
 sec-Butylbenzene
 Concen: 99.668 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074871.D
 Acq: 12 Oct 2022 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 3711629
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.8

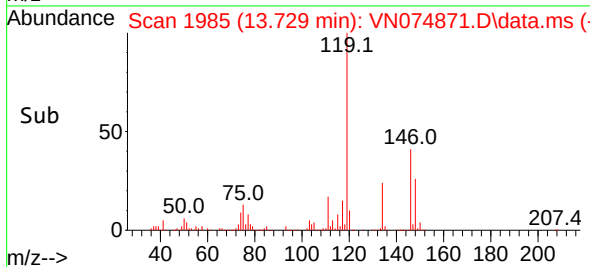
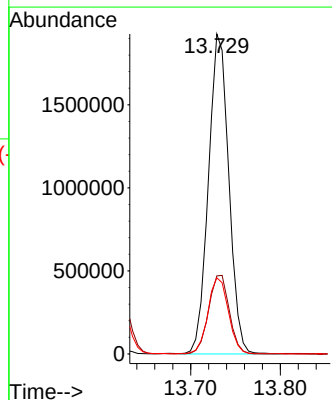
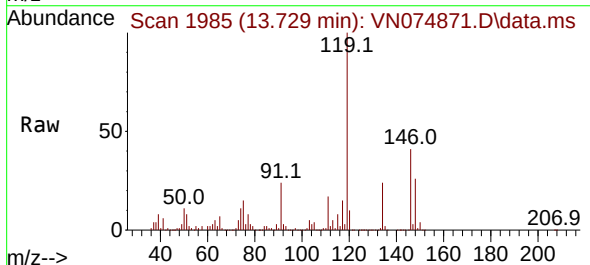
Manual Integrations
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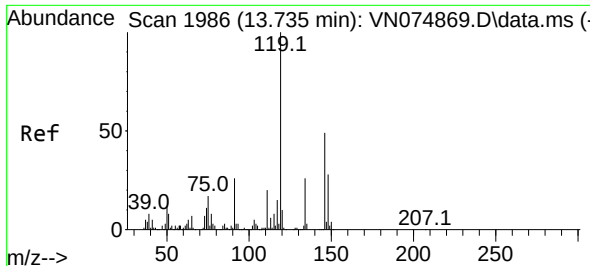
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#82
 p-Isopropyltoluene
 Concen: 102.715 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN074871.D
 Acq: 12 Oct 2022 11:50

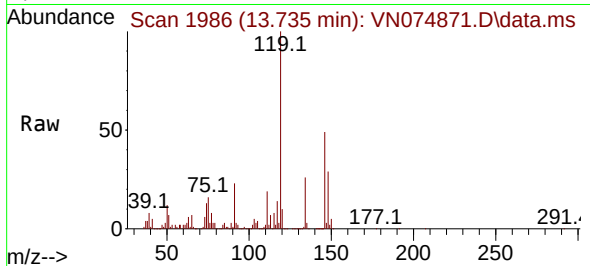
Tgt Ion:119 Resp: 3039257
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 51.4
 91 23.7 0.0 46.8





#83
1,3-Dichlorobenzene
Concen: 99.684 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

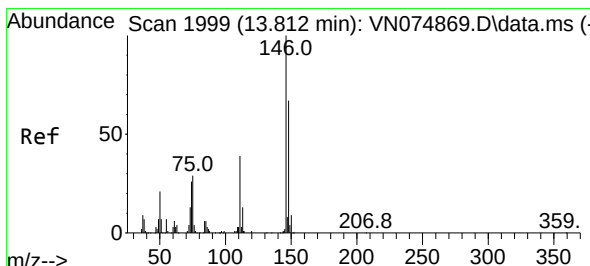
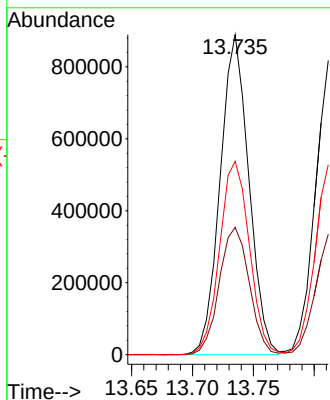
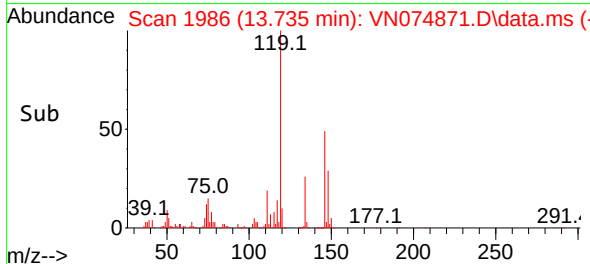
Instrument : MSVOA_N
ClientSampleId : VSTDIC100



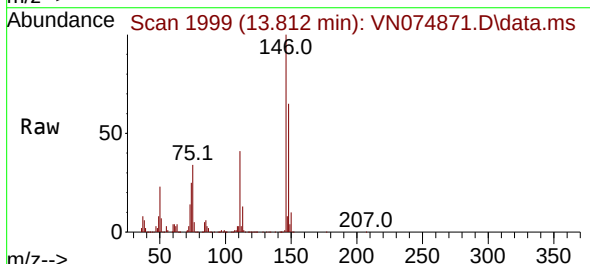
Tgt Ion:146 Resp: 1461086
Ion Ratio Lower Upper
146 100
111 41.6 20.5 61.5
148 62.9 31.0 93.0

Manual Integrations
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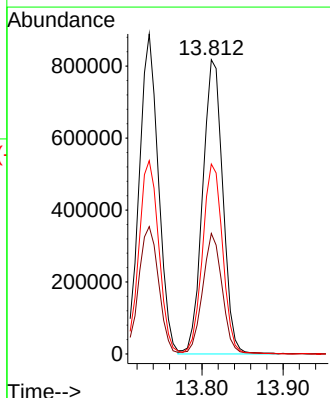
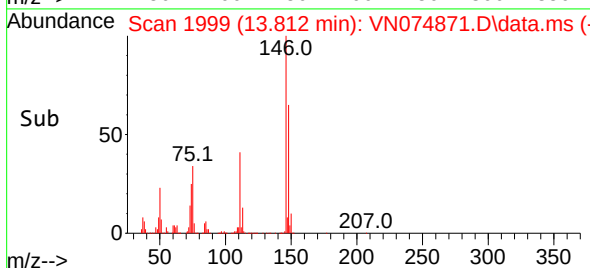
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

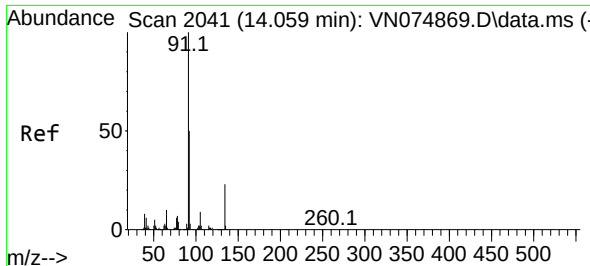


#84
1,4-Dichlorobenzene
Concen: 100.464 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



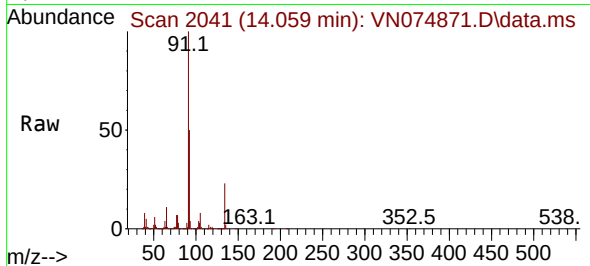
Tgt Ion:146 Resp: 1414370
Ion Ratio Lower Upper
146 100
111 39.4 19.1 57.5
148 64.4 31.7 95.1





#85
n-Butylbenzene
Concen: 105.298 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

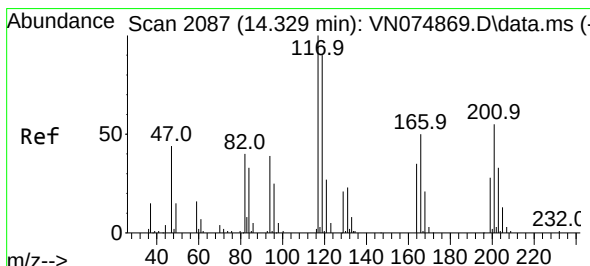
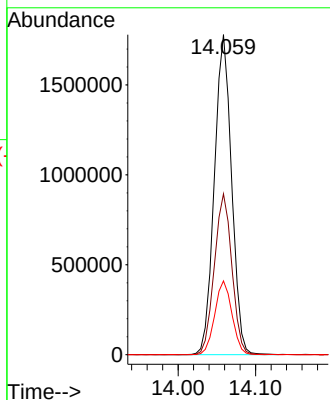
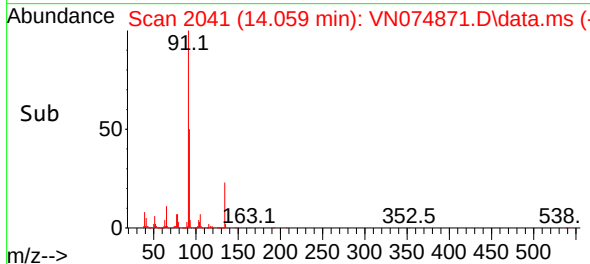
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



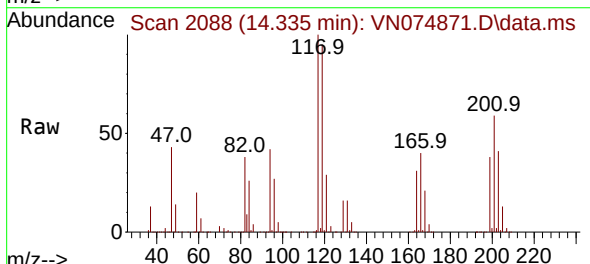
Tgt Ion: 91 Resp: 2750210
Ion Ratio Lower Upper
91 100
92 51.2 0.0 105.4
134 23.1 0.0 46.4

Manual Integrations
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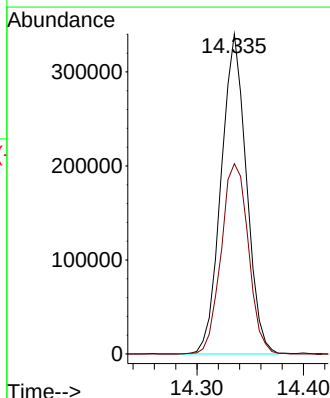
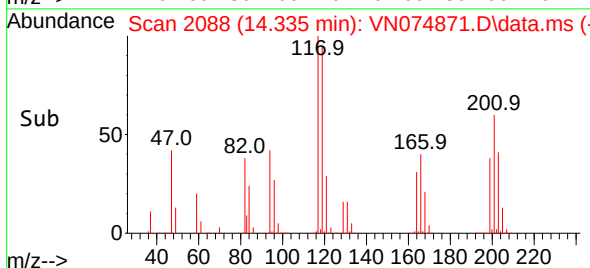
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

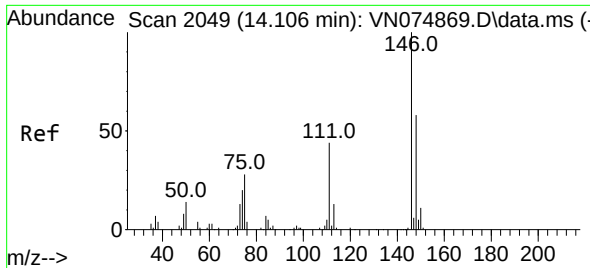


#86
Hexachloroethane
Concen: 96.624 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



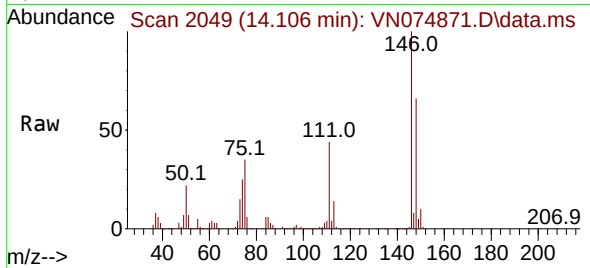
Tgt Ion:117 Resp: 559925
Ion Ratio Lower Upper
117 100
201 64.0 29.4 88.3





#87
1,2-Dichlorobenzene
Concen: 99.327 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

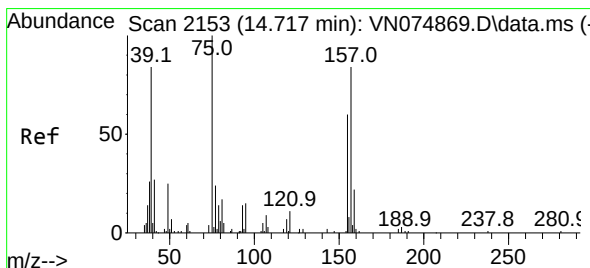
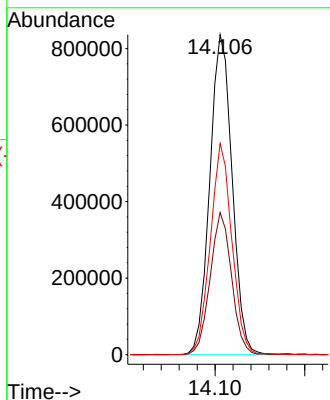
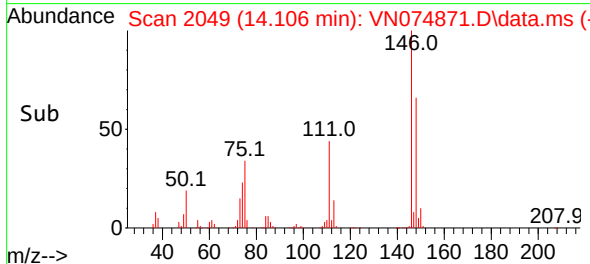
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



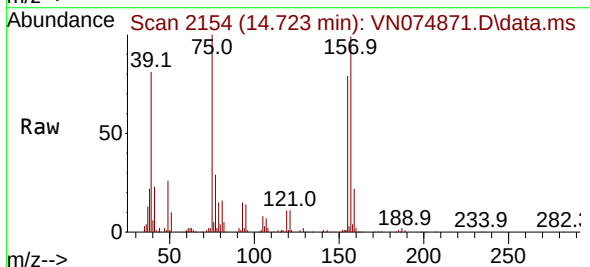
Tgt Ion:146 Resp: 1445492
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.2
148 63.8 30.6 92.0

Manual Integrations
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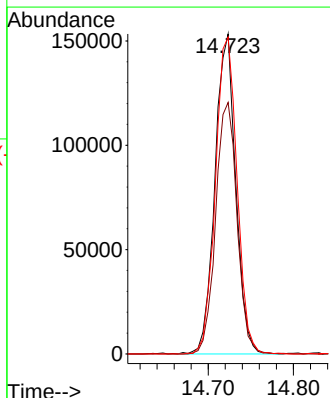
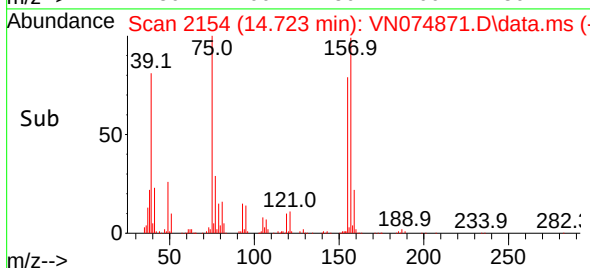
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

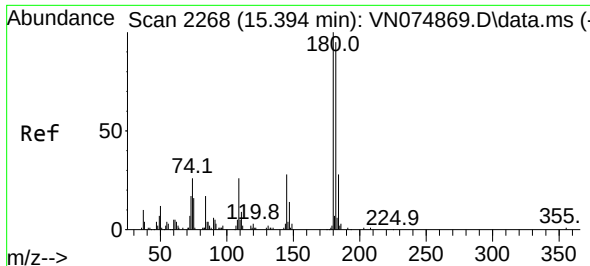


#88
1,2-Dibromo-3-Chloropropane
Concen: 96.000 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



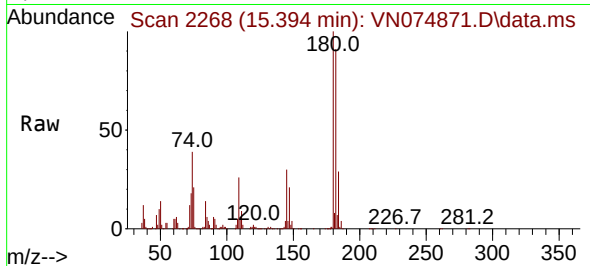
Tgt Ion: 75 Resp: 259800
Ion Ratio Lower Upper
75 100
155 80.9 66.3 99.5
157 102.7 84.3 126.5





#89
 1,2,4-Trichlorobenzene
 Concen: 103.341 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN074871.D
 Acq: 12 Oct 2022 11:50

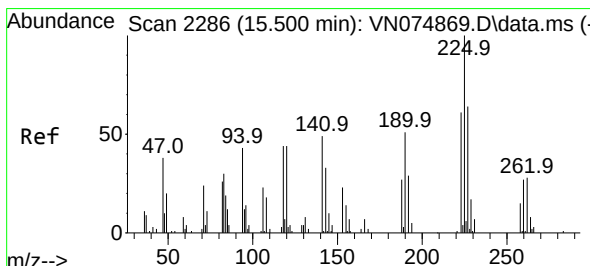
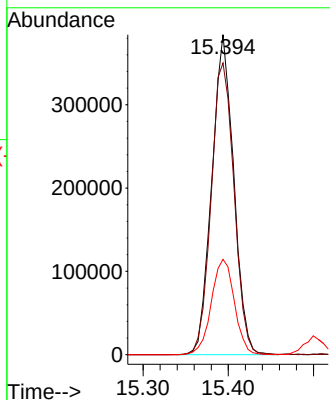
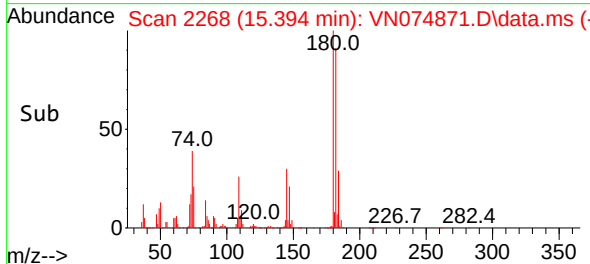
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



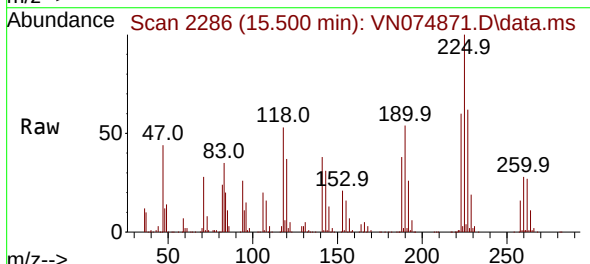
Tgt Ion:180 Resp: 686854
 Ion Ratio Lower Upper
 180 100
 182 95.2 74.9 112.3
 145 31.4 26.3 39.5

Manual Integrations
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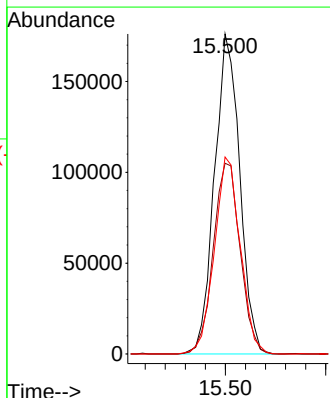
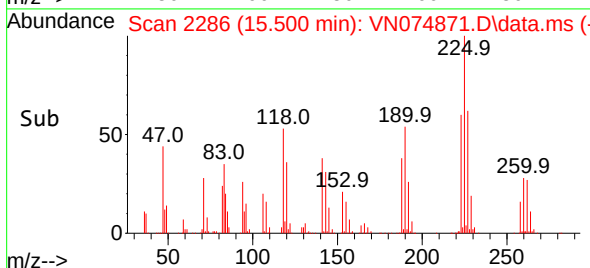
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022

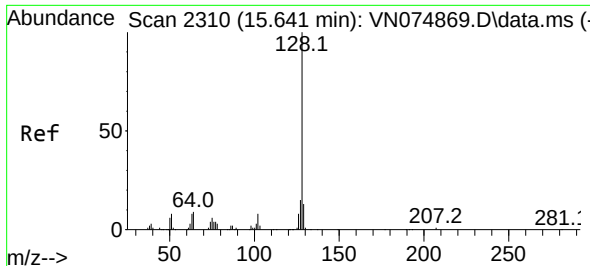


#90
 Hexachlorobutadiene
 Concen: 94.919 ug/l
 RT: 15.500 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: VN074871.D
 Acq: 12 Oct 2022 11:50



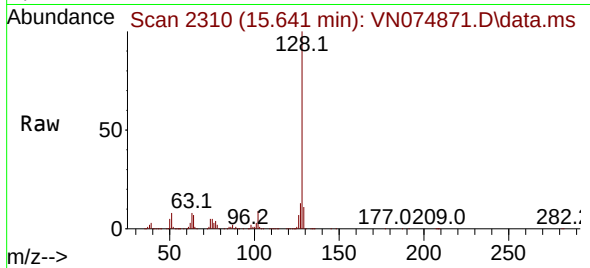
Tgt Ion:225 Resp: 307598
 Ion Ratio Lower Upper
 225 100
 223 63.4 0.0 125.0
 227 63.0 0.0 123.0





#91
Naphthalene
Concen: 106.035 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50

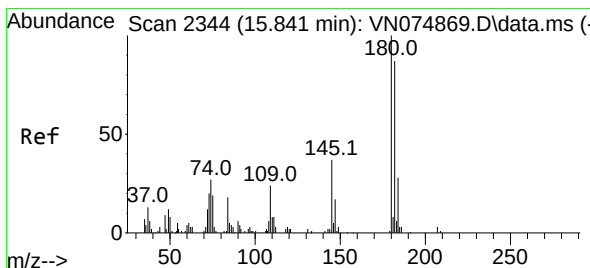
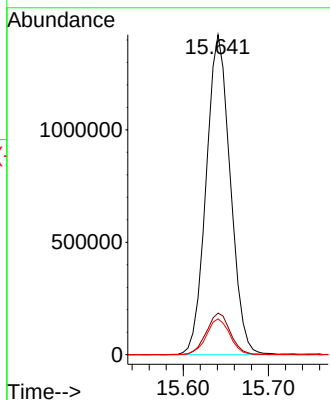
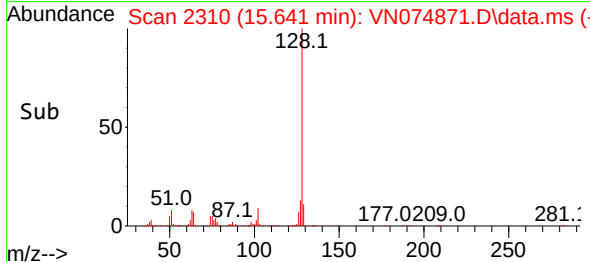
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



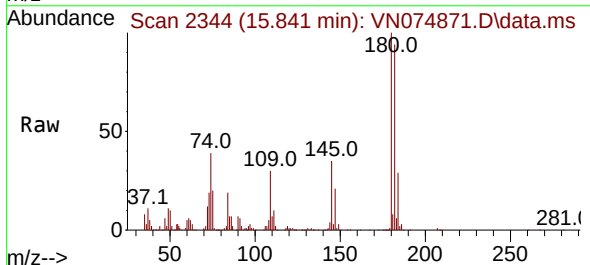
Tgt Ion:128 Resp: 279646
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.0 8.9 13.3

Manual Integrations
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Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#92
1,2,3-Trichlorobenzene
Concen: 100.686 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074871.D
Acq: 12 Oct 2022 11:50



Tgt Ion:180 Resp: 700057
Ion Ratio Lower Upper
180 100
182 94.0 0.0 185.4
145 33.5 0.0 68.6

