

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030723\
 Data File : VN076872.D
 Acq On : 07 Mar 2023 17:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/08/2023
 Supervised By : Mahesh Dadoda 03/08/2023

Quant Time: Mar 07 22:40:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	537237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	923197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	818570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	368074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	339821	45.116	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.240%		
35) Dibromofluoromethane	8.172	113	264128	45.734	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.460%		
50) Toluene-d8	10.566	98	1074601	48.296	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.600%		
62) 4-Bromofluorobenzene	12.848	95	389699	50.544	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	319071	51.040	ug/l	100
3) Chloromethane	2.378	50	383303	46.618	ug/l	96
4) Vinyl Chloride	2.531	62	362438	48.092	ug/l	99
5) Bromomethane	2.960	94	222948	45.021	ug/l	94
6) Chloroethane	3.131	64	220401	49.883	ug/l	98
7) Trichlorofluoromethane	3.507	101	558211	50.765	ug/l	97
8) Diethyl Ether	3.972	74	230871	54.581	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.390	101	330710	51.437	ug/l	99
10) Methyl Iodide	4.602	142	397089	59.215	ug/l	99
11) Tert butyl alcohol	5.531	59	265465	237.339	ug/l	97
12) 1,1-Dichloroethene	4.354	96	313861	52.352	ug/l	87
13) Acrolein	4.190	56	319195	220.597	ug/l	97
14) Allyl chloride	5.037	41	515772	51.530	ug/l #	77
15) Acrylonitrile	5.725	53	888743	247.073	ug/l	100
16) Acetone	4.437	43	820523	249.562	ug/l	99
17) Carbon Disulfide	4.725	76	850940	52.282	ug/l	97
18) Methyl Acetate	5.037	43	546425	48.501	ug/l #	86
19) Methyl tert-butyl Ether	5.801	73	1093990	53.214	ug/l	95
20) Methylene Chloride	5.290	84	368334	48.016	ug/l #	82
21) trans-1,2-Dichloroethene	5.796	96	338323	52.192	ug/l	87
22) Diisopropyl ether	6.678	45	1190102	52.850	ug/l #	92
23) Vinyl Acetate	6.613	43	3792011	264.369	ug/l #	92
24) 1,1-Dichloroethane	6.578	63	663474	51.668	ug/l	97
25) 2-Butanone	7.490	43	1183619	246.443	ug/l #	85
26) 2,2-Dichloropropane	7.501	77	520605	55.361	ug/l	100
27) cis-1,2-Dichloroethene	7.490	96	400777	52.777	ug/l	88
28) Bromochloromethane	7.819	49	272475	50.179	ug/l #	77
29) Tetrahydrofuran	7.842	42	761716	245.850	ug/l #	79
30) Chloroform	7.972	83	656247	51.455	ug/l	98
31) Cyclohexane	8.260	56	617576	48.536	ug/l #	82
32) 1,1,1-Trichloroethane	8.172	97	571916	51.784	ug/l	98
36) 1,1-Dichloropropene	8.378	75	505959	54.508	ug/l	96
37) Ethyl Acetate	7.566	43	473432	49.690	ug/l #	93
38) Carbon Tetrachloride	8.366	117	489332	51.893	ug/l	96
39) Methylcyclohexane	9.601	83	636802	55.658	ug/l #	86
40) Benzene	8.607	78	1498747	53.005	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	277563	53.347	ug/l #	81
42) 1,2-Dichloroethane	8.672	62	498632	50.623	ug/l	96
43) Isopropyl Acetate	8.690	43	767882	52.645	ug/l #	91
44) Trichloroethene	9.354	130	367523	54.819	ug/l	97
45) 1,2-Dichloropropane	9.625	63	385844	52.805	ug/l	97
46) Dibromomethane	9.713	93	242014	52.148	ug/l	98
47) Bromodichloromethane	9.889	83	510598	53.517	ug/l	95
48) Methyl methacrylate	9.684	41	385245	54.354	ug/l #	76
49) 1,4-Dioxane	9.695	88	124537	958.656	ug/l #	82
51) 4-Methyl-2-Pentanone	10.448	43	2368104	257.394	ug/l	92
52) Toluene	10.631	92	930894	55.291	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	539542	58.340	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	611116	57.528	ug/l	93
55) 1,1,2-Trichloroethane	11.019	97	349228	52.143	ug/l	97
56) Ethyl methacrylate	10.878	69	561796	56.298	ug/l #	84
57) 1,3-Dichloropropane	11.166	76	618457	53.185	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	958176	277.122	ug/l	92
59) 2-Hexanone	11.195	43	1733774	260.063	ug/l	90
60) Dibromochloromethane	11.360	129	370808	56.185	ug/l	97
61) 1,2-Dibromoethane	11.472	107	345996	53.749	ug/l	100
64) Tetrachloroethene	11.107	164	360047	59.105	ug/l	98
65) Chlorobenzene	11.895	112	939978	53.136	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	343604	53.695	ug/l	99
67) Ethyl Benzene	11.966	91	1803513	56.147	ug/l	98
68) m/p-Xylenes	12.072	106	1361372	112.650	ug/l	94
69) o-Xylene	12.401	106	667648	56.101	ug/l	91
70) Styrene	12.413	104	1101929	59.057	ug/l	96
71) Bromoform	12.577	173	248055	56.949	ug/l #	98
73) Isopropylbenzene	12.701	105	1762288	54.927	ug/l	96
74) N-amyl acetate	12.495	43	659369	52.548	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.936	83	474198	46.118	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	439243m	47.318	ug/l	
77) Bromobenzene	12.983	156	377605	53.185	ug/l	90
78) n-propylbenzene	13.036	91	2091944	57.176	ug/l	96
79) 2-Chlorotoluene	13.124	91	1248270	53.185	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	1503109	55.898	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.736	75	174245	61.907	ug/l	87
82) 4-Chlorotoluene	13.225	91	1215346	54.621	ug/l	93
83) tert-Butylbenzene	13.442	119	1257517	54.725	ug/l	93
84) 1,2,4-Trimethylbenzene	13.483	105	1488957	56.134	ug/l	94
85) sec-Butylbenzene	13.619	105	1873211	58.388	ug/l	96
86) p-Isopropyltoluene	13.730	119	1526416	59.485	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	709545	54.733	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	702420	53.363	ug/l	98
89) n-Butylbenzene	14.060	91	1347542	60.786	ug/l	97
90) Hexachloroethane	14.336	117	257000	55.432	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	701928	53.453	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	96608	49.584	ug/l	86
93) 1,2,4-Trichlorobenzene	15.395	180	397752	60.546	ug/l	99
94) Hexachlorobutadiene	15.507	225	196586	57.472	ug/l	99
95) Naphthalene	15.642	128	1265037	60.117	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	378993	58.695	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

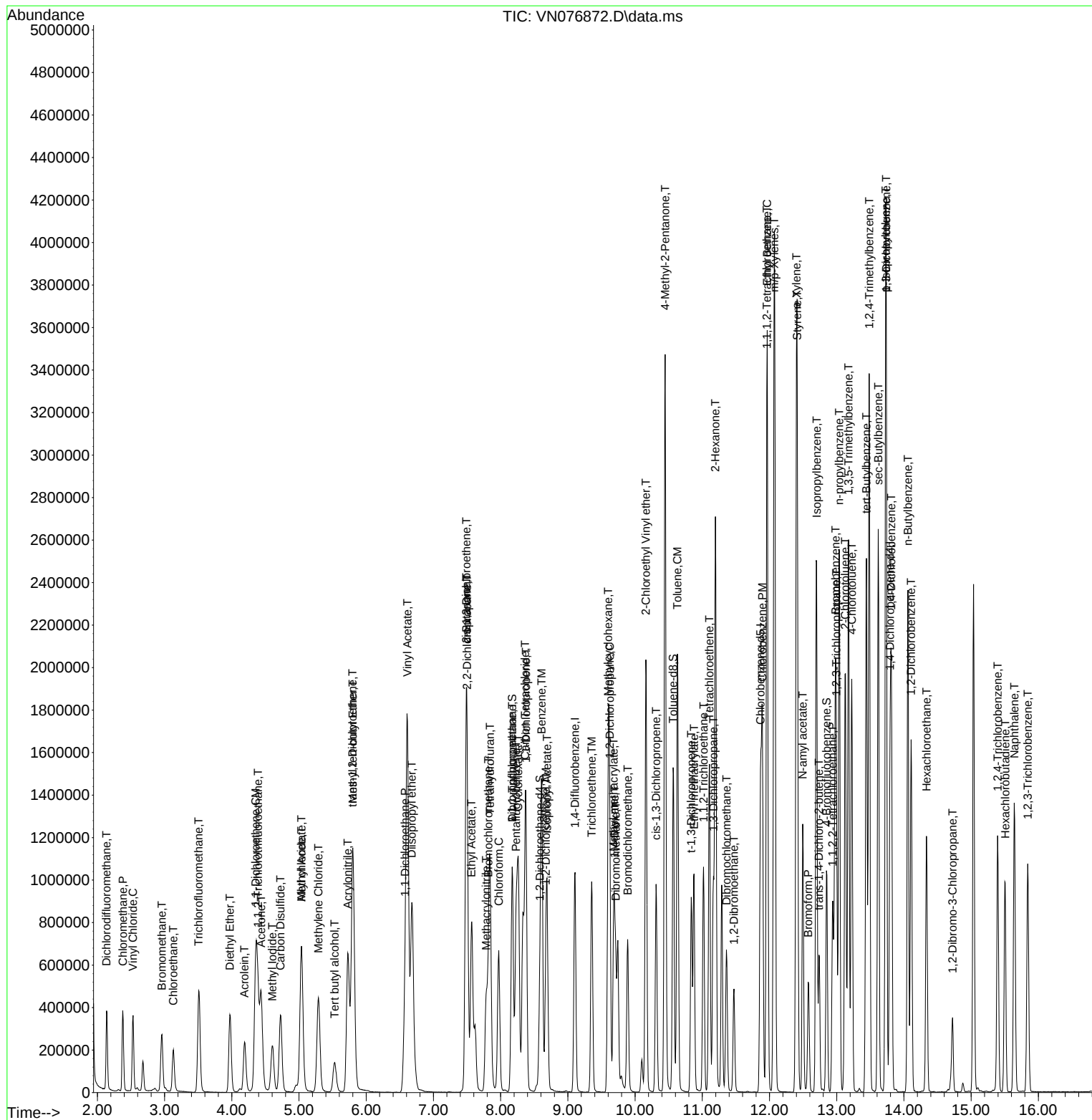
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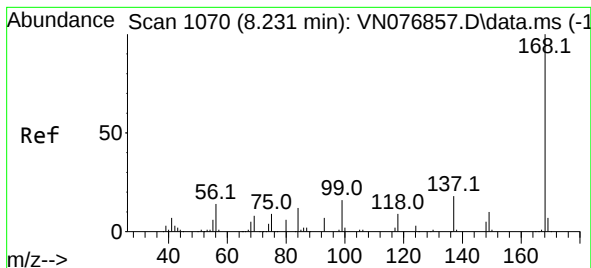
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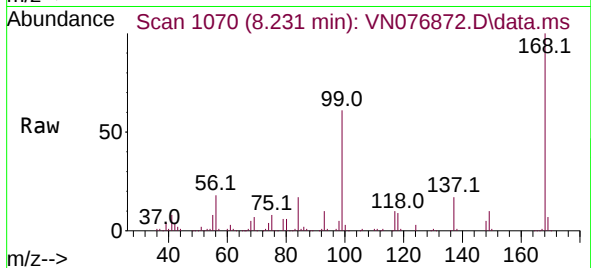
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076872.D
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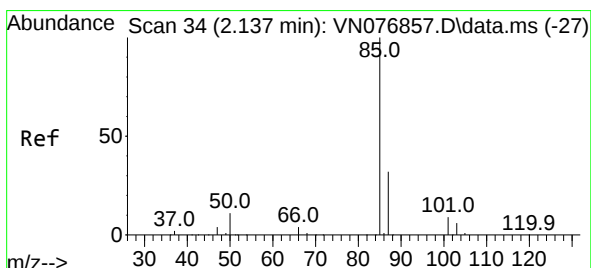
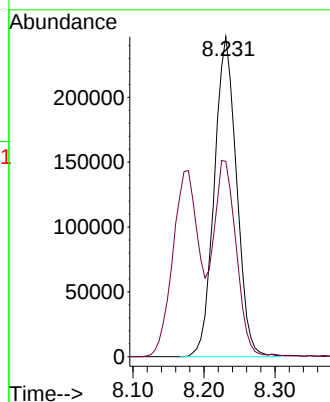
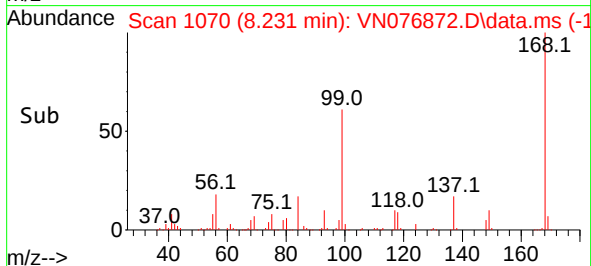
Tgt Ion:168 Resp: 53723
Ion Ratio Lower Upper
168 100
99 60.6 48.6 73.0

Manual Integrations

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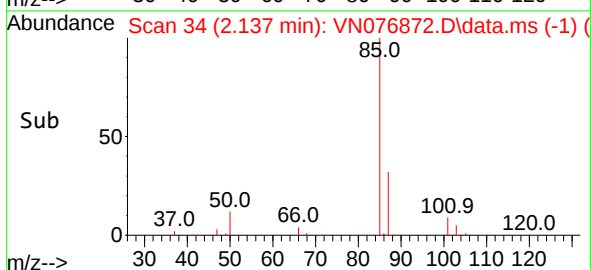
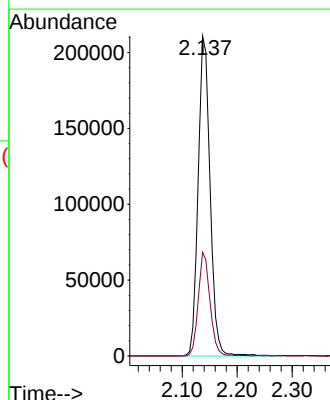
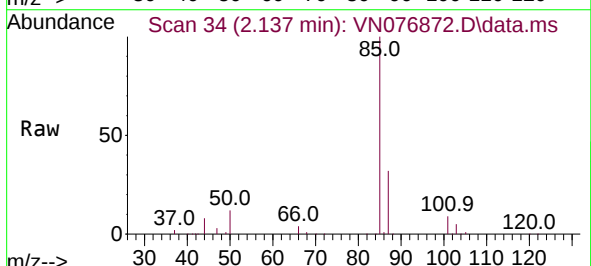
Reviewed By :John Carlone 03/08/2023

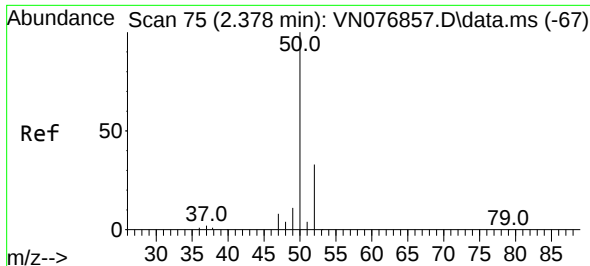
Supervised By :Mahesh Dadoda 03/08/2023



#2
Dichlorodifluoromethane
Concen: 51.040 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

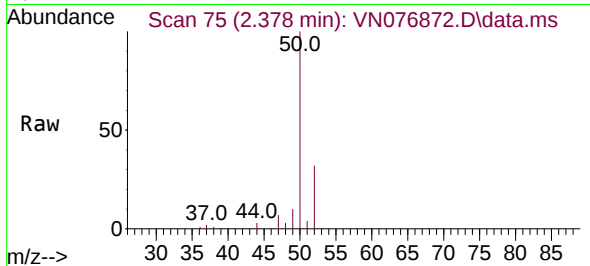
Tgt Ion: 85 Resp: 319071
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6





#3
Chloromethane
Concen: 46.618 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

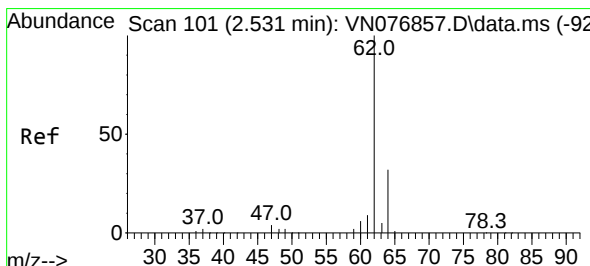
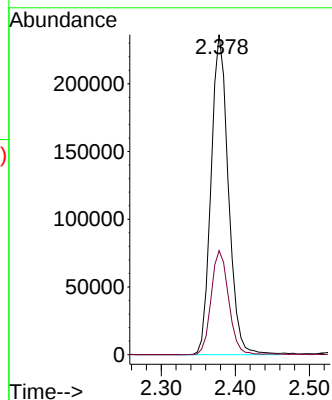
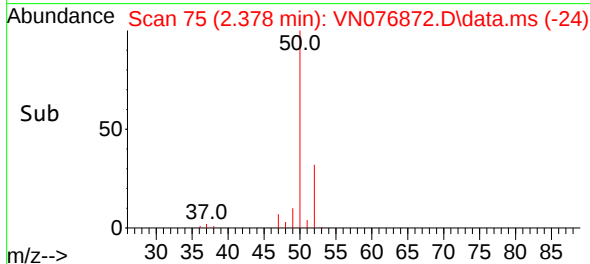
Instrument :
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Tgt Ion: 50 Resp: 38330
Ion Ratio Lower Upper
50 100
52 32.5 27.9 41.9

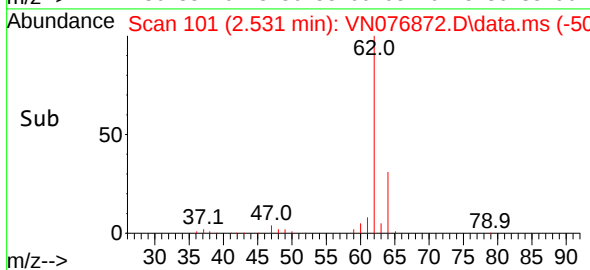
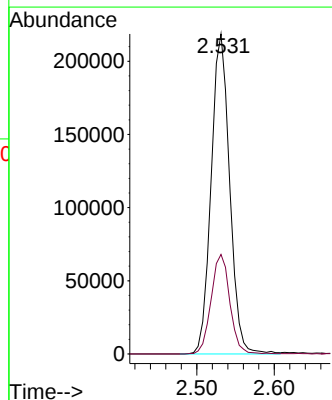
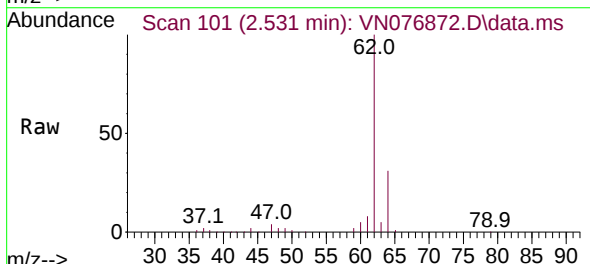
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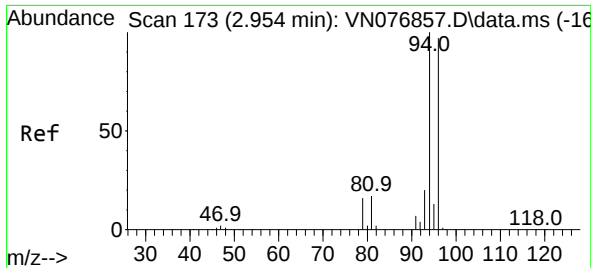
Reviewed By :John Carlone 03/08/2023
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#4
Vinyl Chloride
Concen: 48.092 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Tgt Ion: 62 Resp: 362438
Ion Ratio Lower Upper
62 100
64 31.1 24.5 36.7





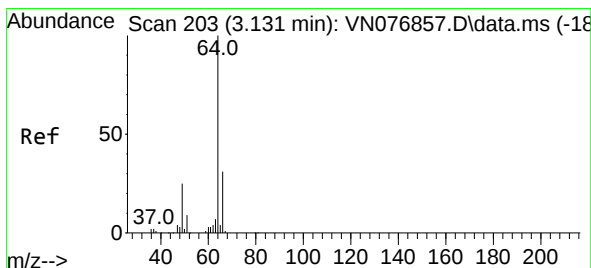
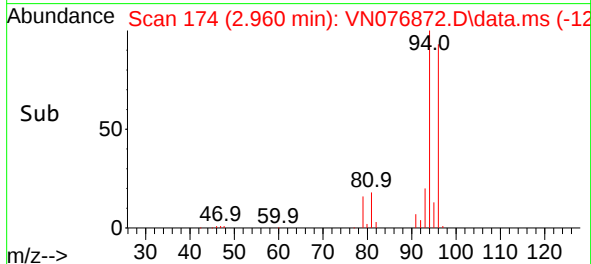
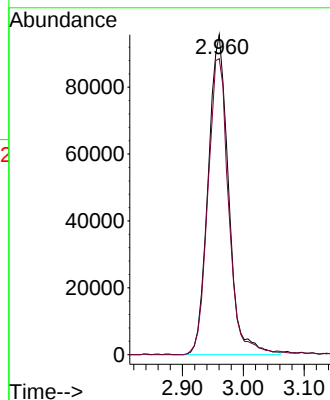
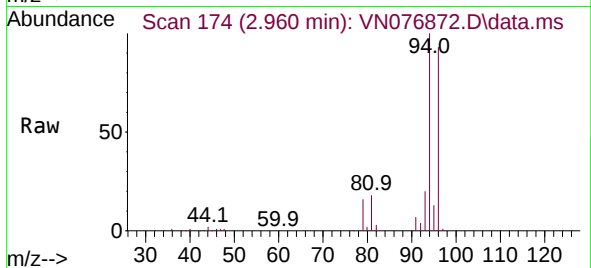
#5
Bromomethane
Concen: 45.021 ug/l
RT: 2.960 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN076872.D
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Tgt Ion: 94 Resp: 222948
Ion Ratio Lower Upper
94 100
96 92.5 79.0 118.6

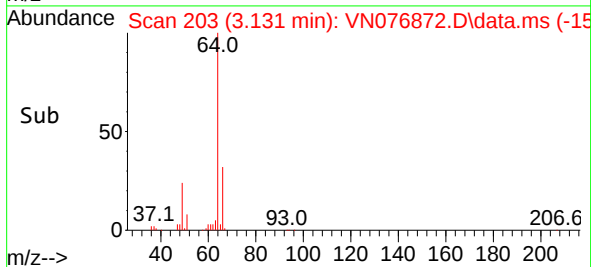
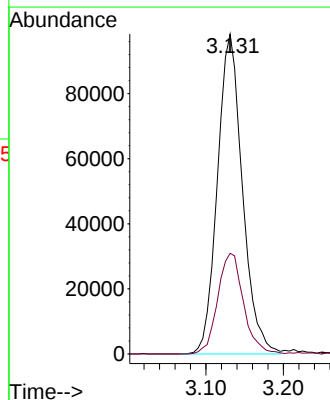
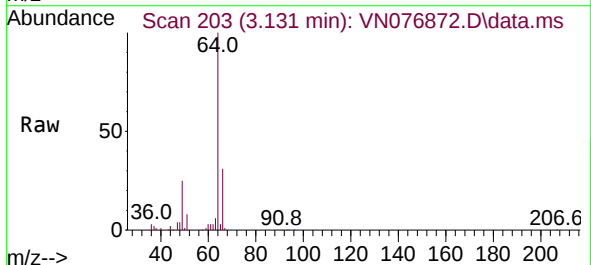
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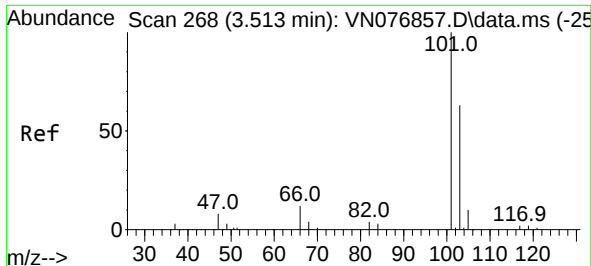
Reviewed By :John Carlone 03/08/2023
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#6
Chloroethane
Concen: 49.883 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Tgt Ion: 64 Resp: 220401
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4





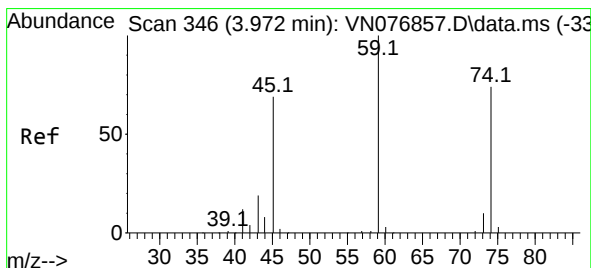
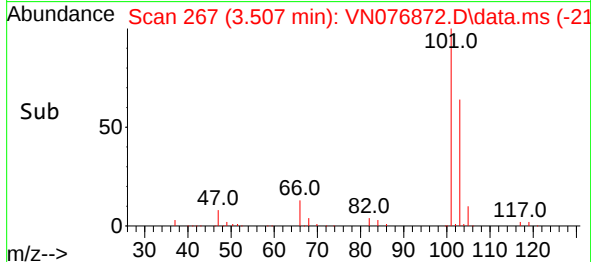
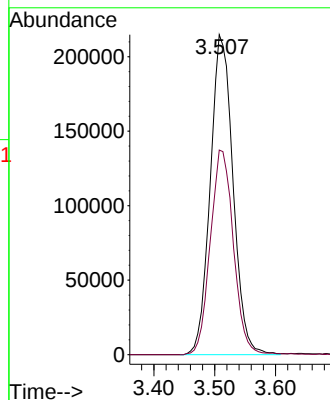
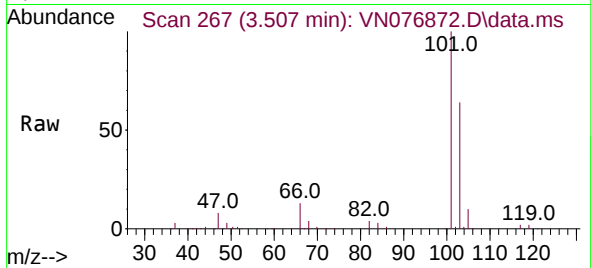
#7
Trichlorofluoromethane
Concen: 50.765 ug/l
RT: 3.507 min Scan# 268
Delta R.T. -0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Instrument :
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Tgt Ion:101 Resp: 55821
Ion Ratio Lower Upper
101 100
103 63.9 53.4 80.0

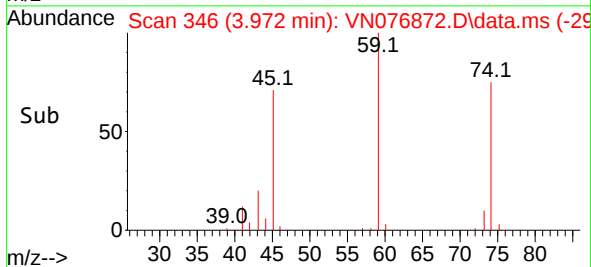
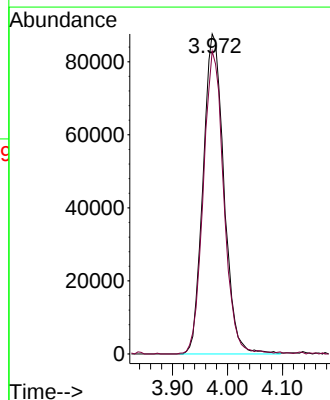
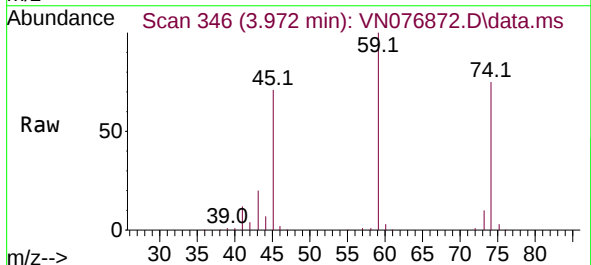
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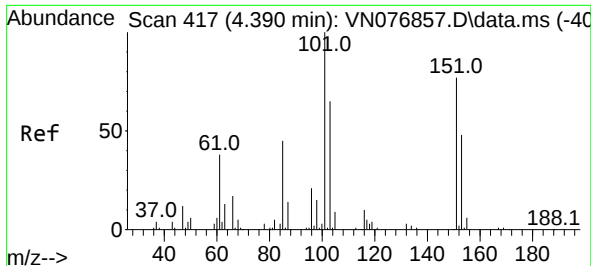
Reviewed By :John Carlone 03/08/2023
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#8
Diethyl Ether
Concen: 54.581 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

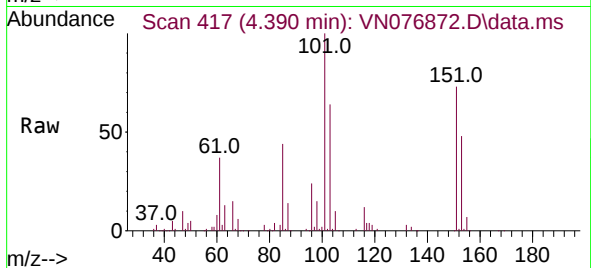
Tgt Ion: 74 Resp: 230871
Ion Ratio Lower Upper
74 100
45 92.8 35.5 106.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.437 ug/l
RT: 4.390 min Scan# 417
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

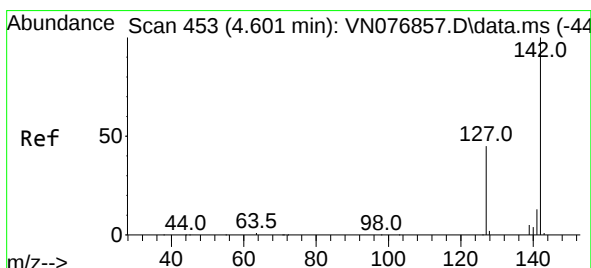
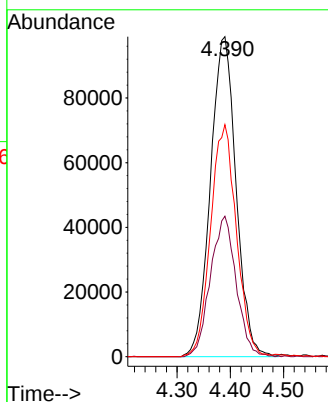
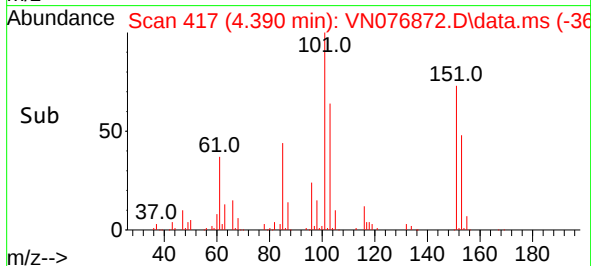
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 330710
Ion Ratio Lower Upper
101 100
85 44.0 35.2 52.8
151 72.9 58.9 88.3

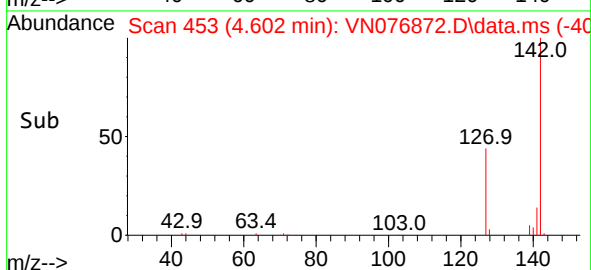
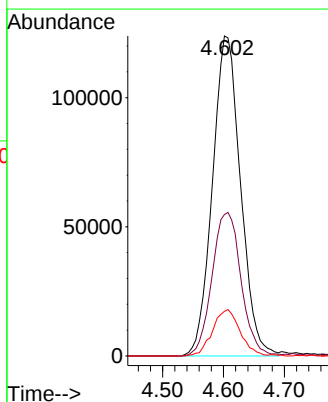
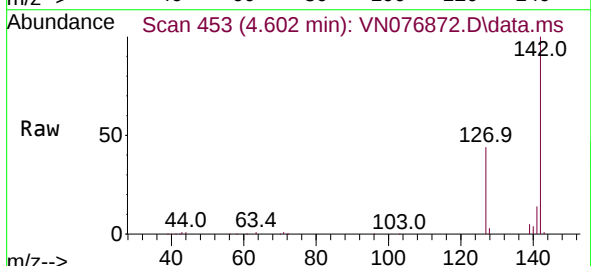
Manual Integrations
APPROVED

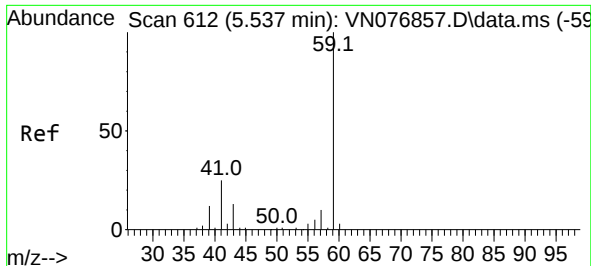
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#10
Methyl Iodide
Concen: 59.215 ug/l
RT: 4.602 min Scan# 453
Delta R.T. 0.001 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

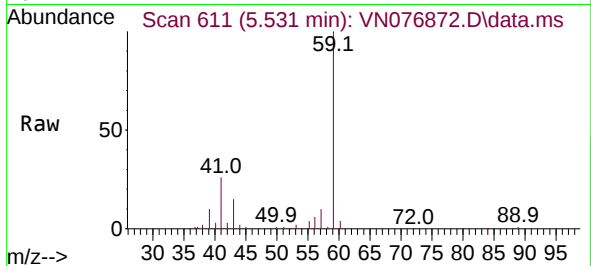
Tgt Ion:142 Resp: 397089
Ion Ratio Lower Upper
142 100
127 44.2 35.2 52.8
141 13.9 10.2 15.2





#11
Tert butyl alcohol
Concen: 237.339 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

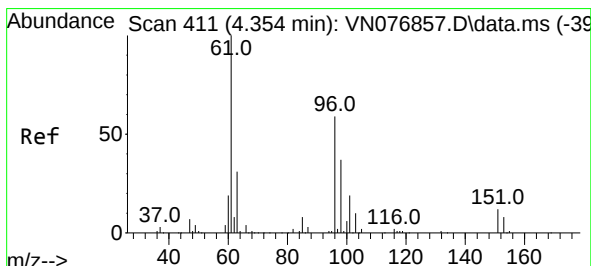
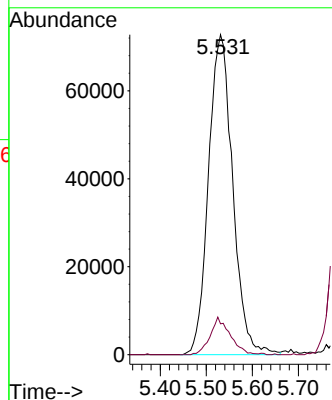
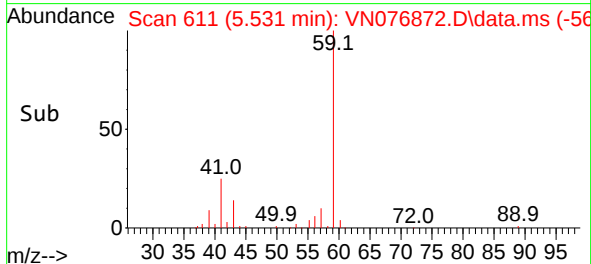
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 26546
Ion Ratio Lower Upper
59 100
57 9.7 8.6 12.8

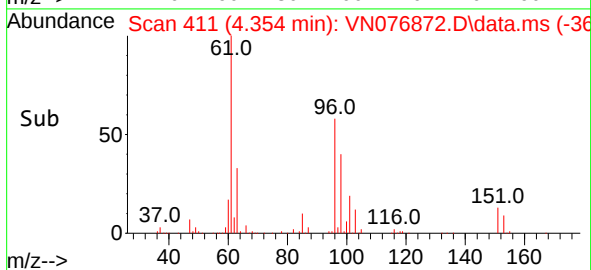
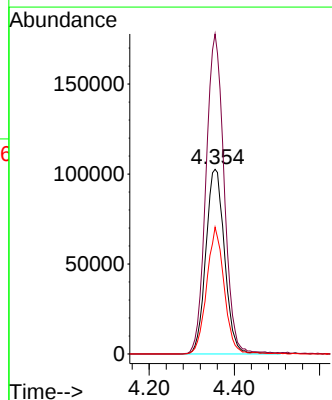
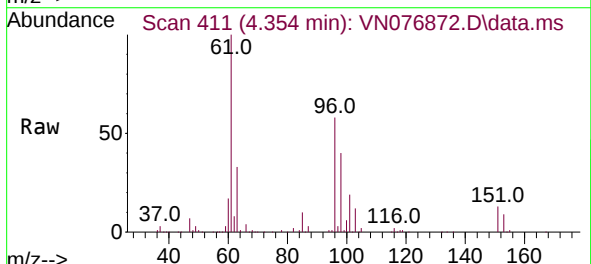
Manual Integrations
APPROVED

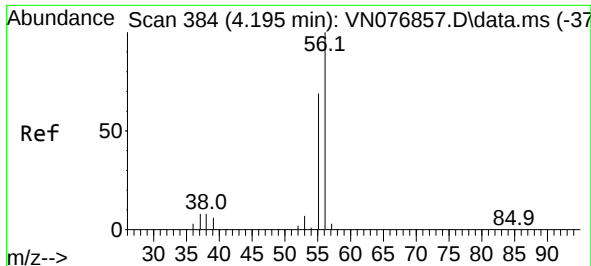
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#12
1,1-Dichloroethene
Concen: 52.352 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

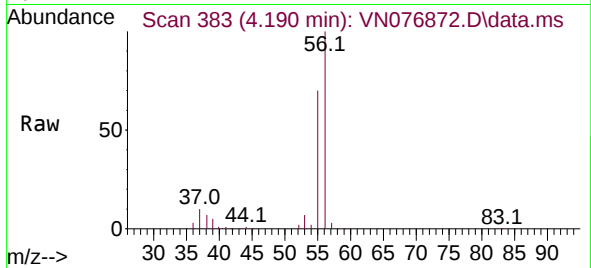
Tgt Ion: 96 Resp: 313861
Ion Ratio Lower Upper
96 100
61 173.3 121.3 181.9
98 68.6 52.1 78.1





#13
Acrolein
Concen: 220.597 ug/l
RT: 4.190 min Scan# 31919
Delta R.T. -0.005 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

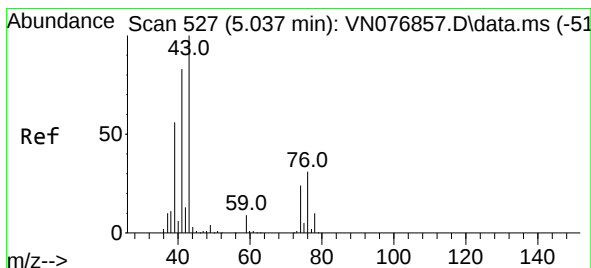
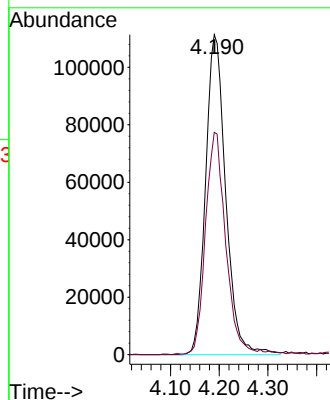
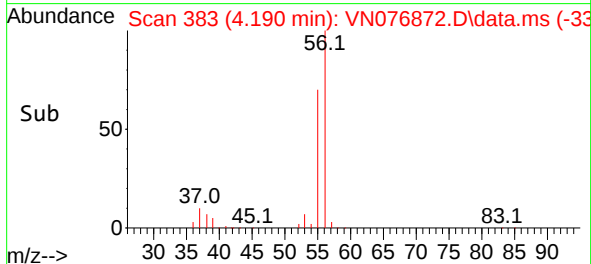
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 31919
Ion Ratio Lower Upper
56 100
55 68.8 56.7 85.1

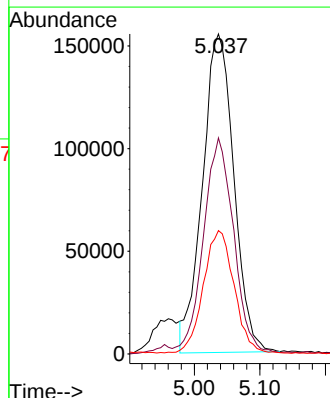
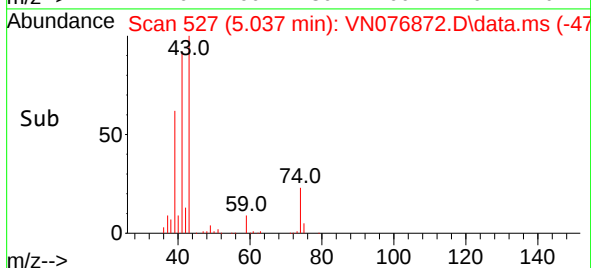
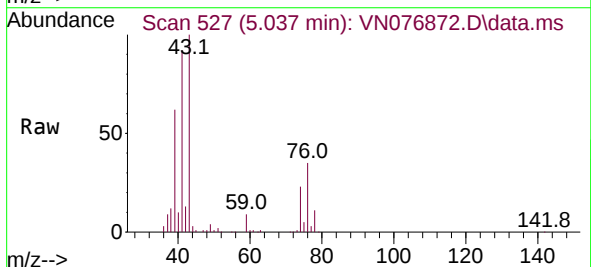
Manual Integrations
APPROVED

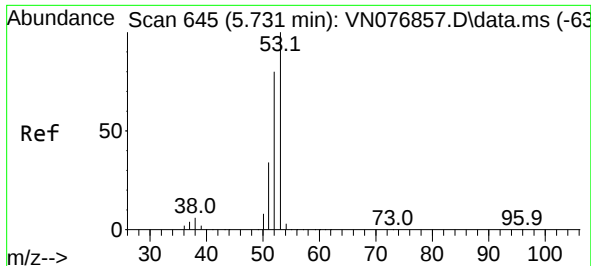
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#14
Allyl chloride
Concen: 51.530 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Tgt Ion: 41 Resp: 515772
Ion Ratio Lower Upper
41 100
39 64.8 68.1 102.1#
76 37.7 44.1 66.1#





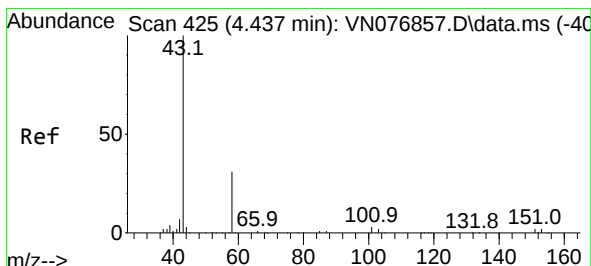
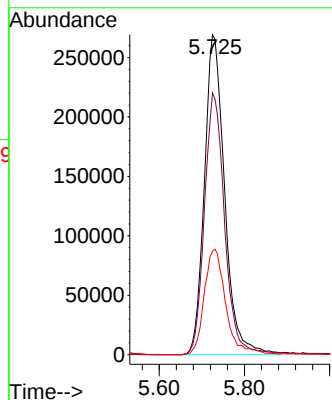
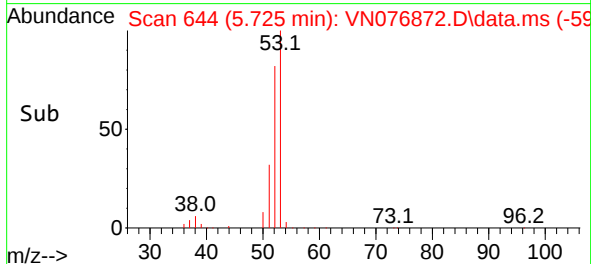
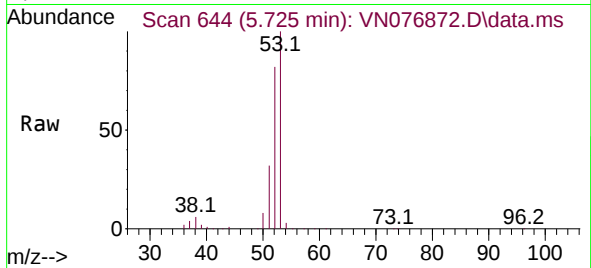
#15
Acrylonitrile
Concen: 247.073 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 88874
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 35.2 28.8 43.2

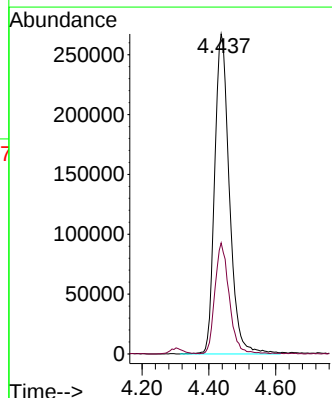
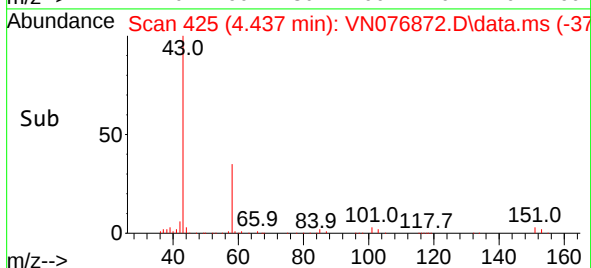
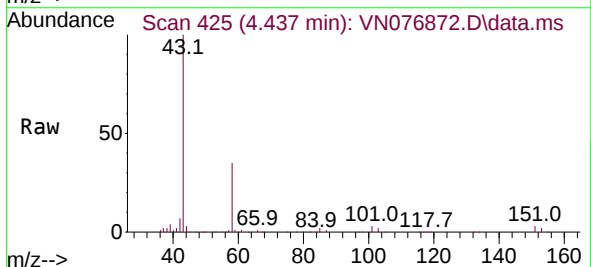
Manual Integrations
APPROVED

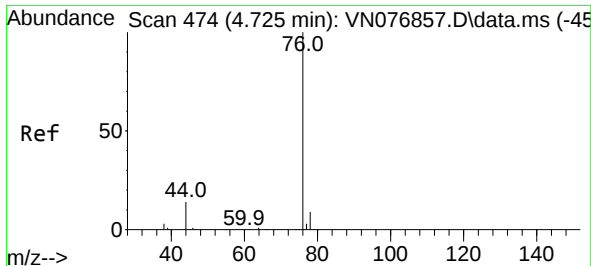
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#16
Acetone
Concen: 249.562 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

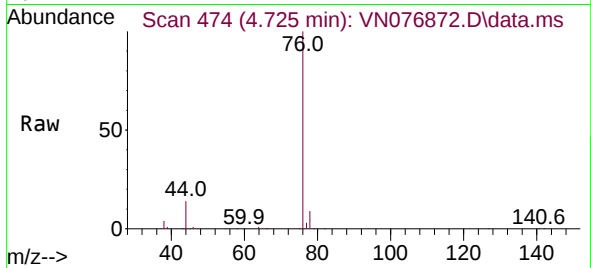
Tgt Ion: 43 Resp: 820523
Ion Ratio Lower Upper
43 100
58 34.5 28.2 42.2





#17
Carbon Disulfide
Concen: 52.282 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

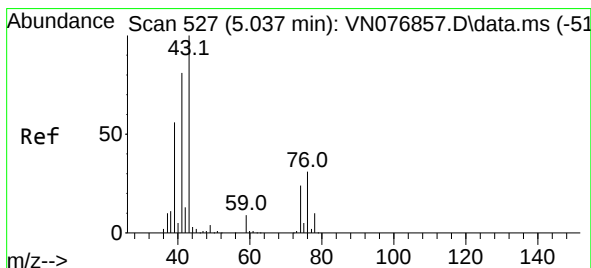
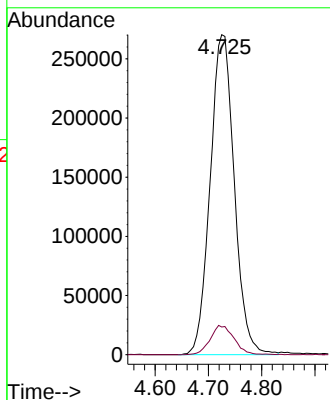
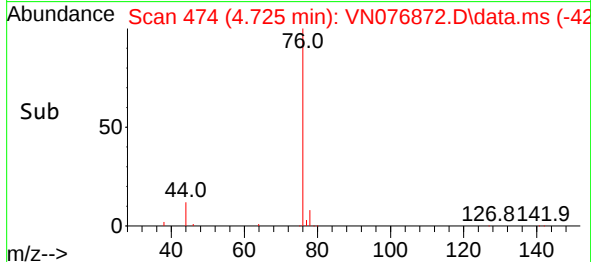
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 850940
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8

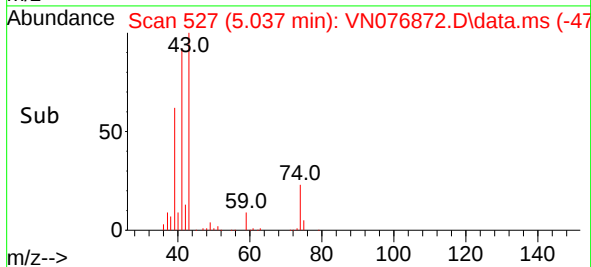
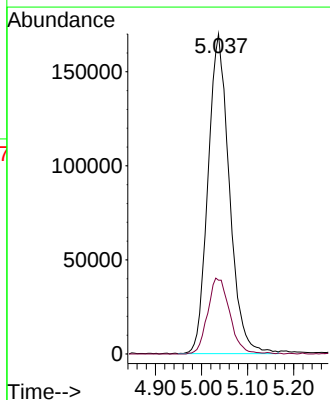
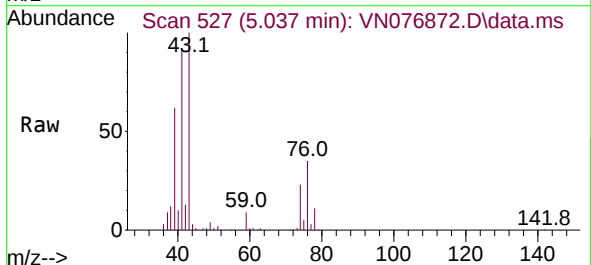
Manual Integrations
APPROVED

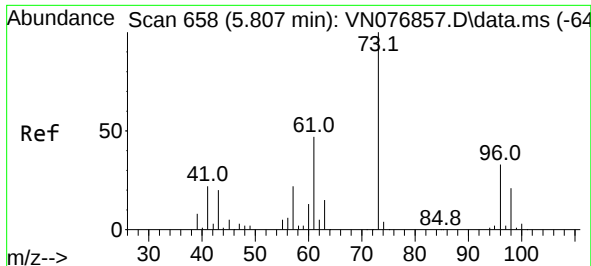
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#18
Methyl Acetate
Concen: 48.501 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Tgt Ion: 43 Resp: 546425
Ion Ratio Lower Upper
43 100
74 24.5 25.9 38.9#





#19

Methyl tert-butyl Ether

Concen: 53.214 ug/l

RT: 5.801 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 1093990

Ion Ratio Lower Upper

73 100

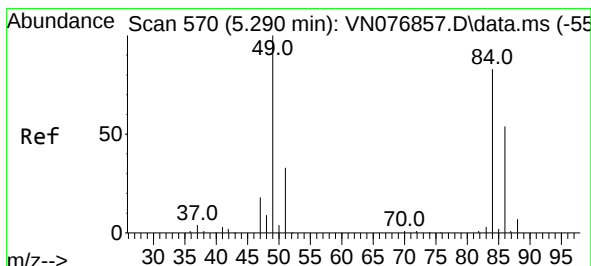
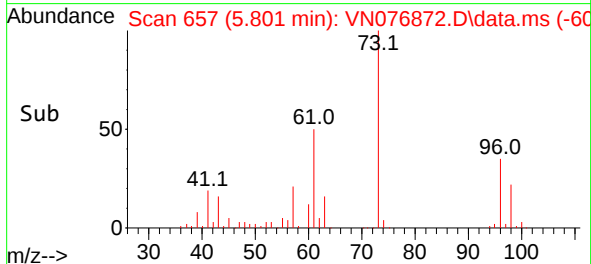
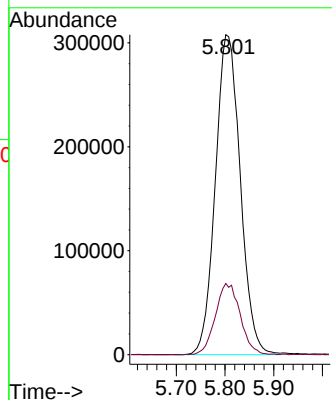
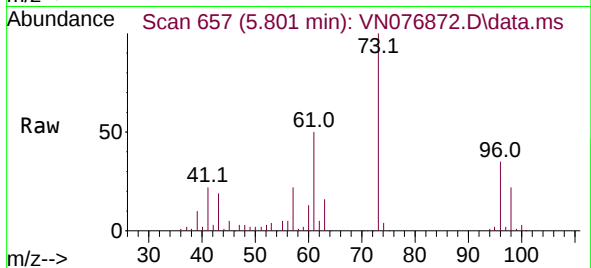
57 22.3 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#20

Methylene Chloride

Concen: 48.016 ug/l

RT: 5.290 min Scan# 570

Delta R.T. -0.000 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

Tgt Ion: 84 Resp: 368334

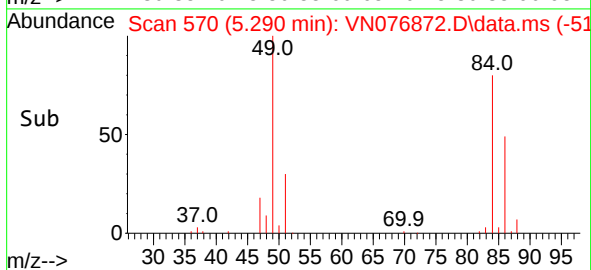
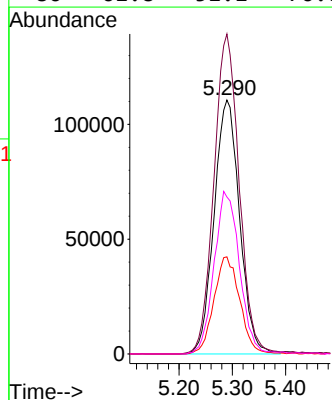
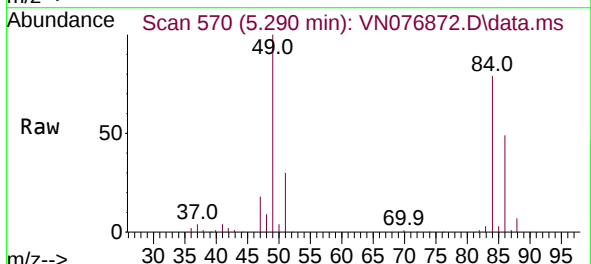
Ion Ratio Lower Upper

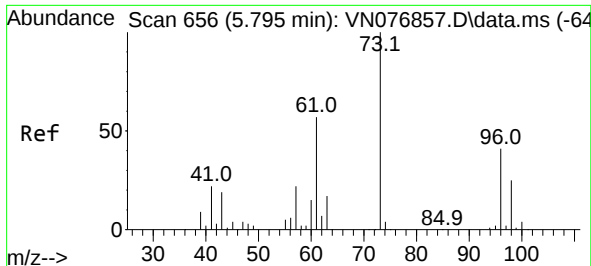
84 100

49 126.0 76.6 114.8#

51 38.3 25.4 38.2#

86 61.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 52.192 ug/l

RT: 5.796 min Scan# 61

Delta R.T. 0.001 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 33832

Ion Ratio Lower Upper

96 100

61 139.1 95.0 142.6

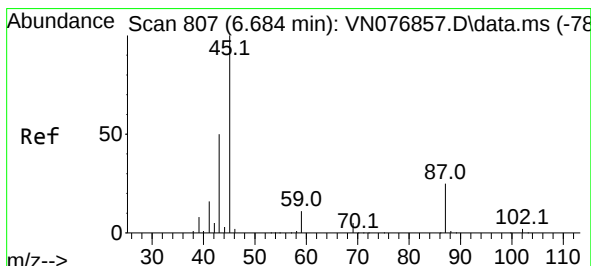
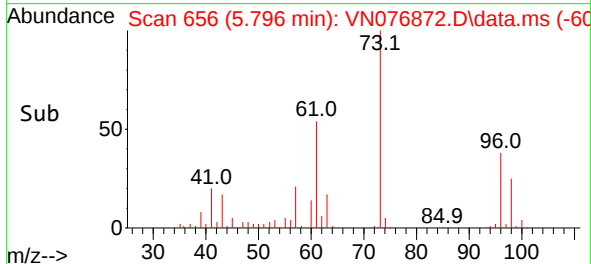
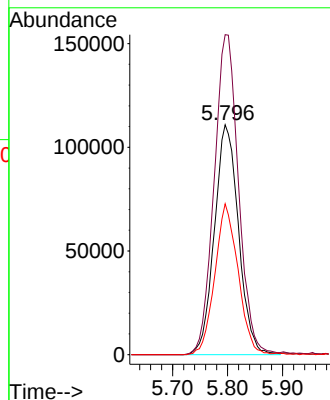
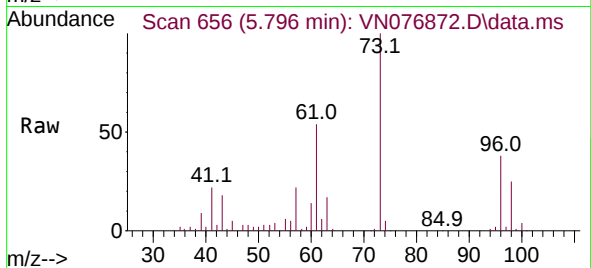
98 65.6 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#22

Diisopropyl ether

Concen: 52.850 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.006 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

Tgt Ion: 45 Resp: 1190102

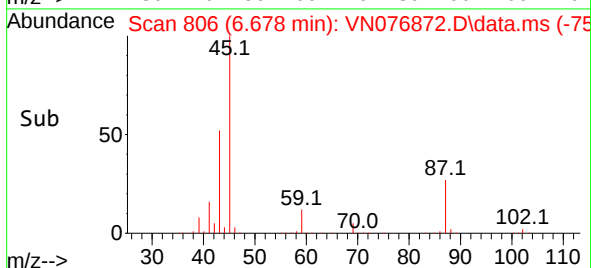
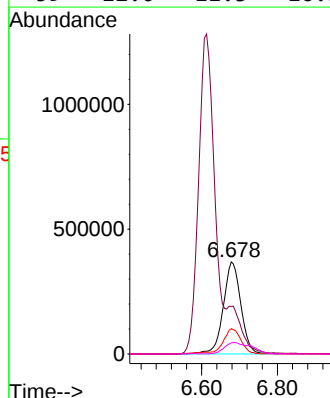
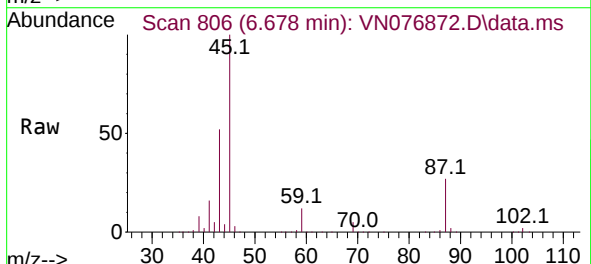
Ion Ratio Lower Upper

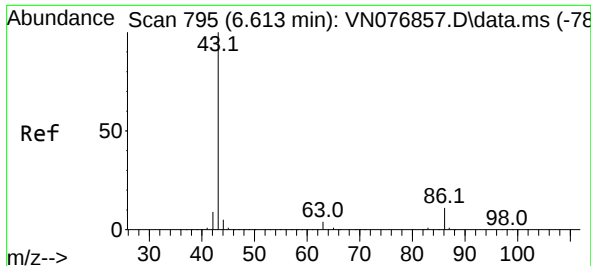
45 100

43 51.4 42.6 63.8

87 27.4 29.7 44.5#

59 12.0 11.3 16.9





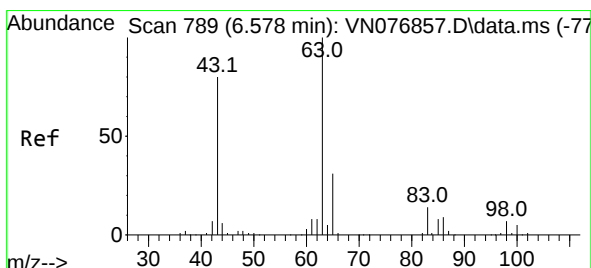
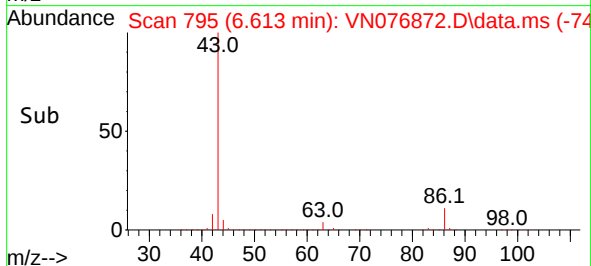
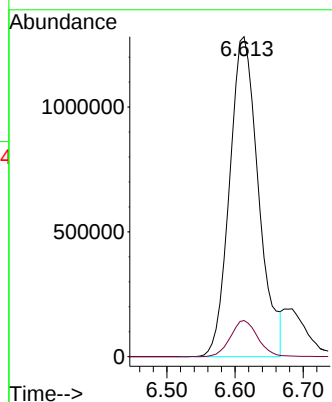
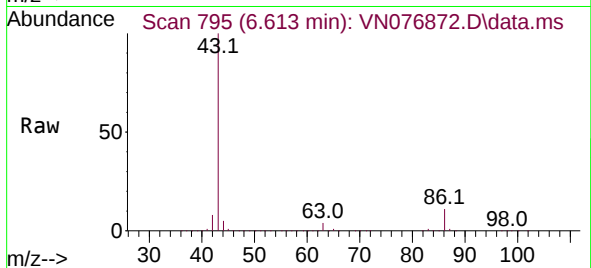
#23
 Vinyl Acetate
 Concen: 264.369 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076872.D
 Acq: 07 Mar 2023 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 379201
 Ion Ratio Lower Upper
 43 100
 86 11.3 11.8 17.6

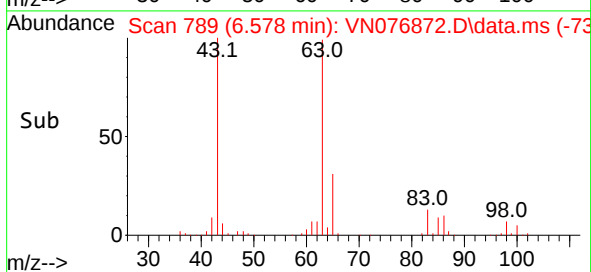
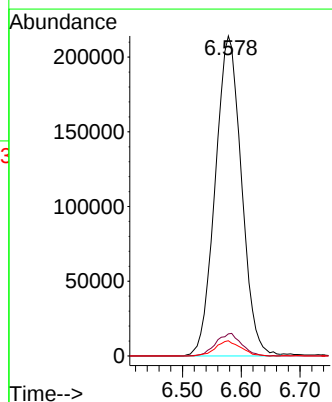
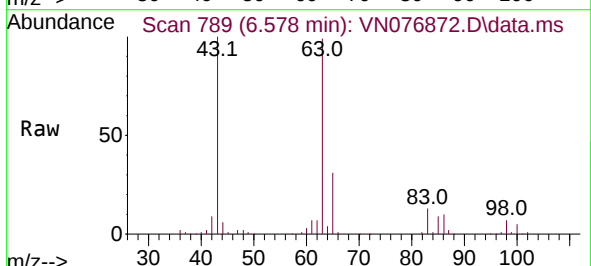
Manual Integrations
 APPROVED

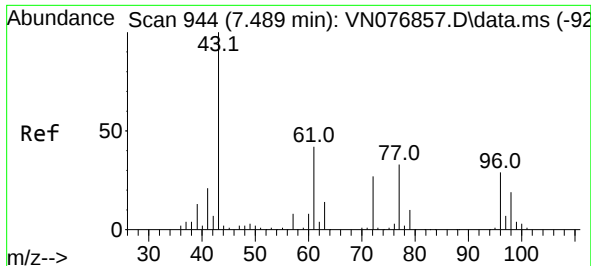
Reviewed By :John Carlone 03/08/2023
 Supervised By :Mahesh Dadoda 03/08/2023



#24
 1,1-Dichloroethane
 Concen: 51.668 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076872.D
 Acq: 07 Mar 2023 17:04

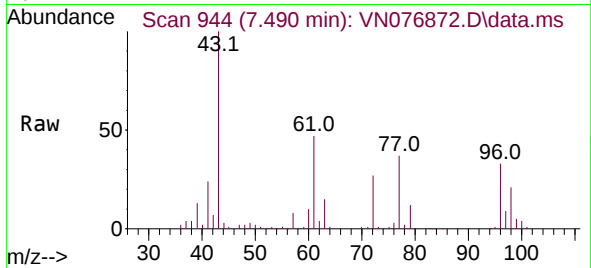
Tgt Ion: 63 Resp: 663474
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.2 12.6
 100 4.7 2.2 6.6





#25
2-Butanone
Concen: 246.443 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

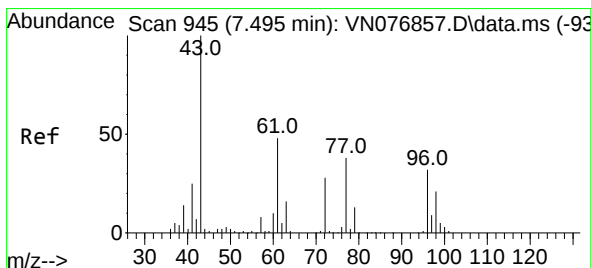
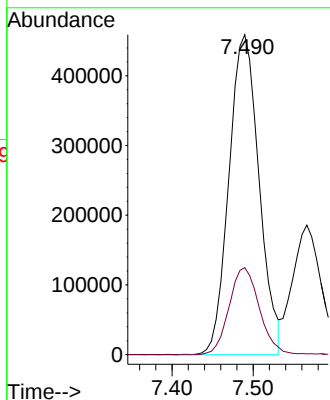
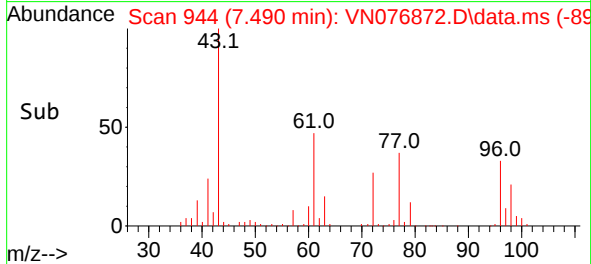
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1183619
Ion Ratio Lower Upper
43 100
72 27.2 28.8 43.2

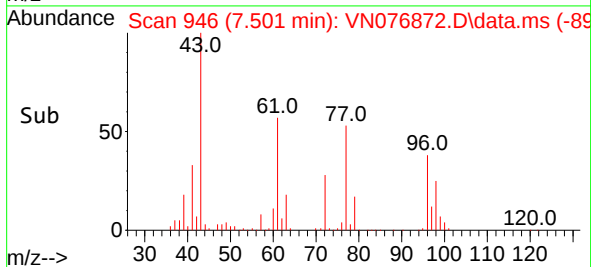
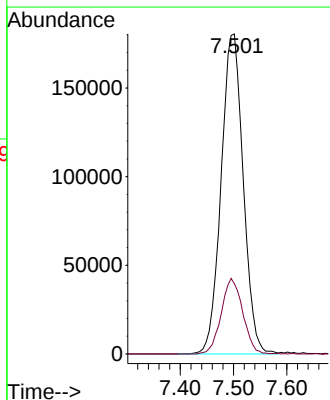
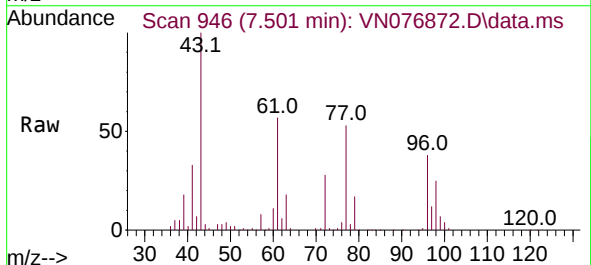
Manual Integrations
APPROVED

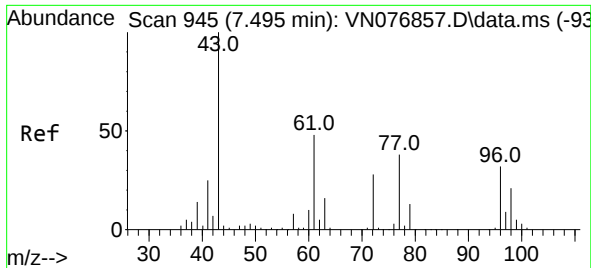
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#26
2,2-Dichloropropane
Concen: 55.361 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

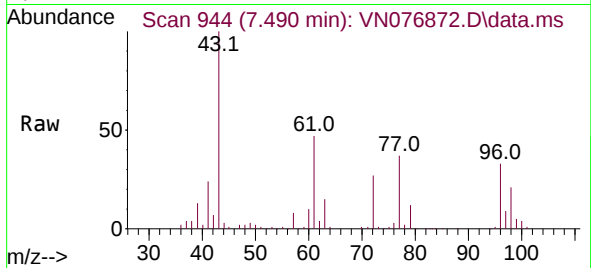
Tgt Ion: 77 Resp: 520605
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 52.777 ug/l
 RT: 7.490 min Scan# 94
 Delta R.T. -0.005 min
 Lab File: VN076872.D
 Acq: 07 Mar 2023 17:04

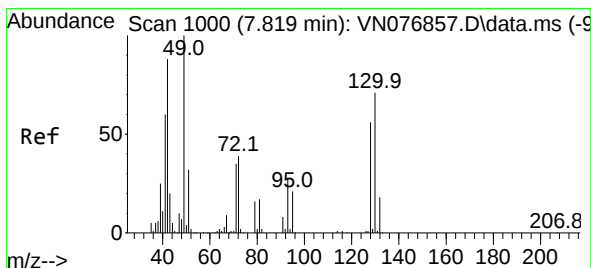
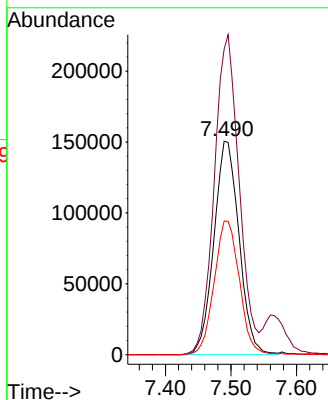
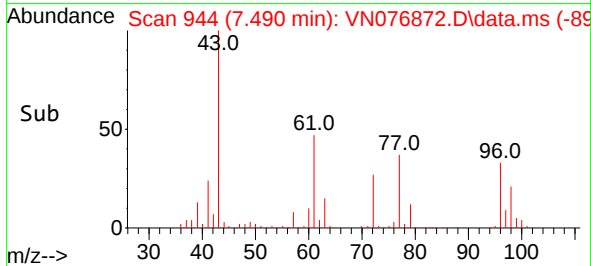
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



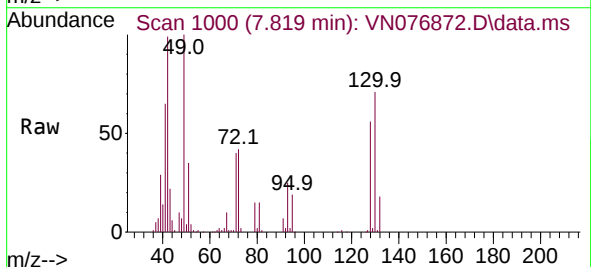
Tgt Ion: 96 Resp: 40077
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 255.6
 98 63.0 0.0 127.4

Manual Integrations
 APPROVED

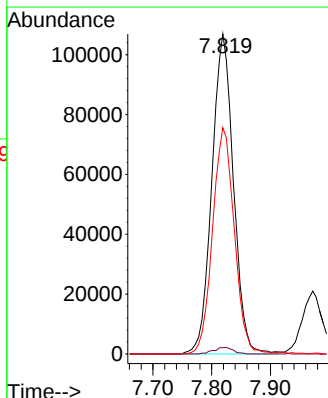
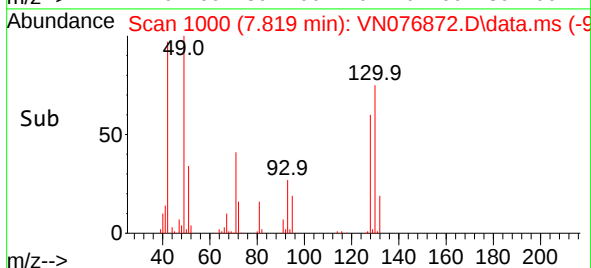
Reviewed By :John Carlone 03/08/2023
 Supervised By :Mahesh Dadoda 03/08/2023

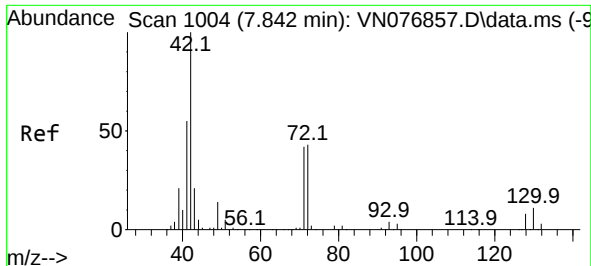


#28
 Bromochloromethane
 Concen: 50.179 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076872.D
 Acq: 07 Mar 2023 17:04



Tgt Ion: 49 Resp: 272475
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 71.1 74.8 112.2#





#29

Tetrahydrofuran

Concen: 245.850 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076872.D

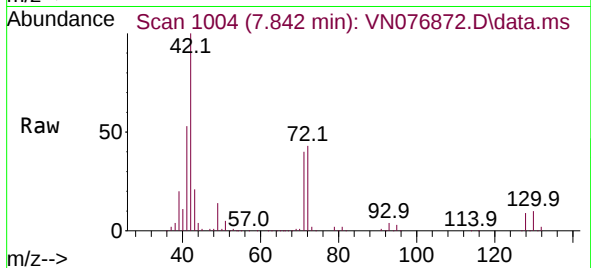
Acq: 07 Mar 2023 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



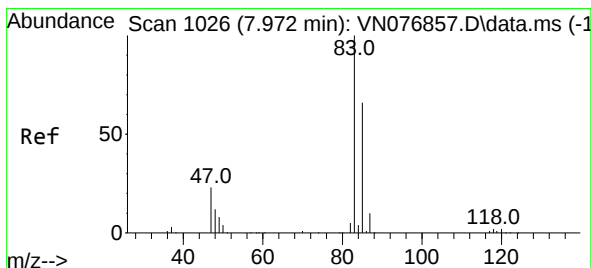
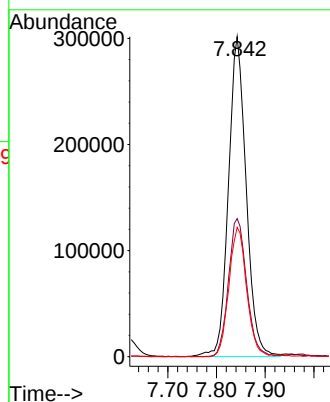
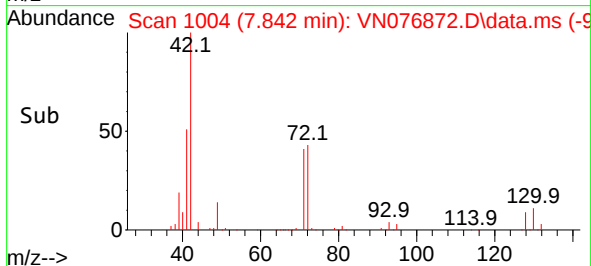
Tgt Ion:	42	Resp:	761710
Ion Ratio	100	Lower	Upper
42	100		
72	44.6	48.6	73.0
71	40.8	45.1	67.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#30

Chloroform

Concen: 51.455 ug/l

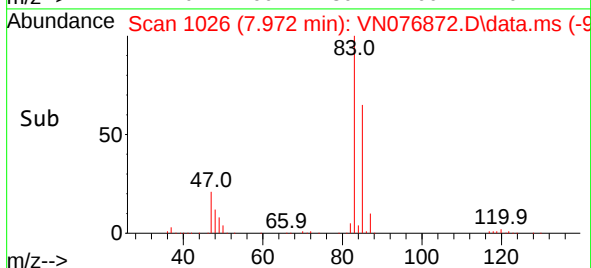
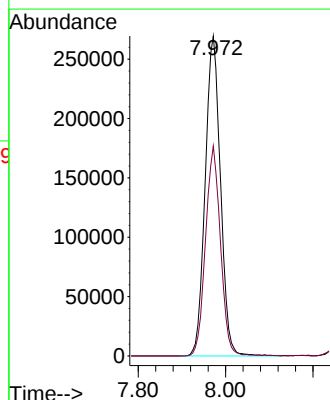
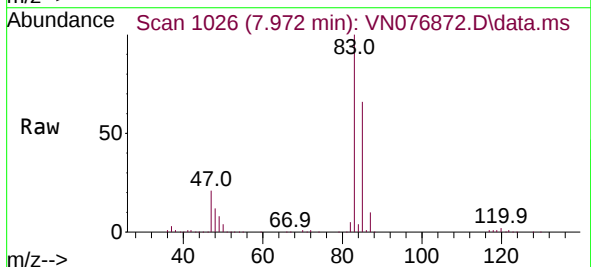
RT: 7.972 min Scan# 1026

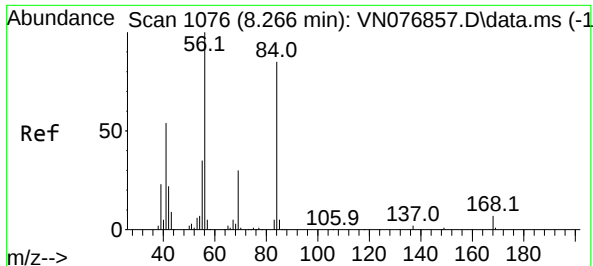
Delta R.T. -0.000 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

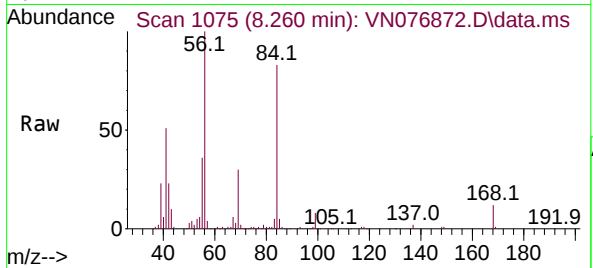
Tgt Ion:	83	Resp:	656247
Ion Ratio	100	Lower	Upper
83	100		
85	65.6	51.3	76.9





#31
Cyclohexane
Concen: 48.536 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

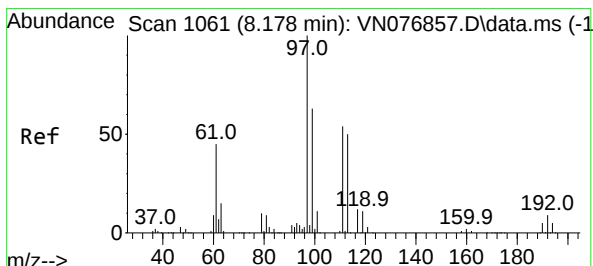
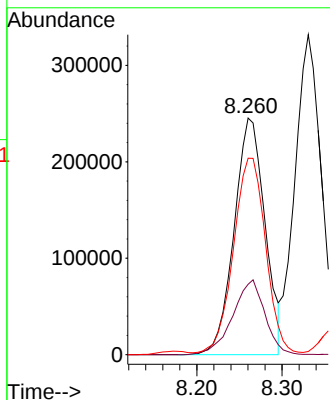
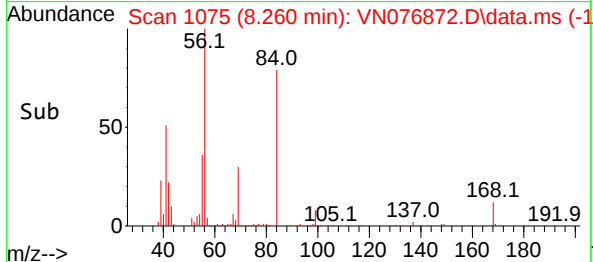
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



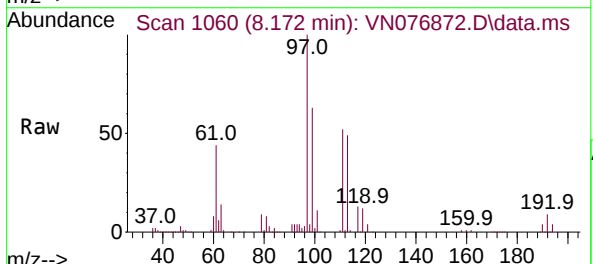
Tgt Ion: 56 Resp: 617570
Ion Ratio Lower Upper
56 100
69 29.8 27.0 40.6
84 81.6 82.9 124.3

Manual Integrations
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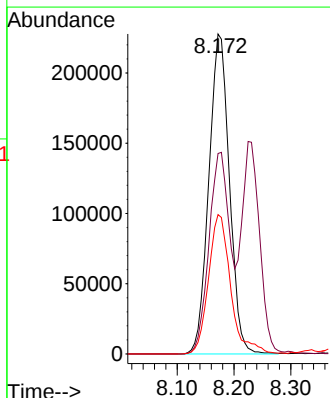
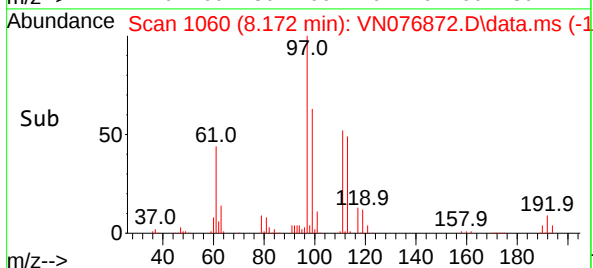
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

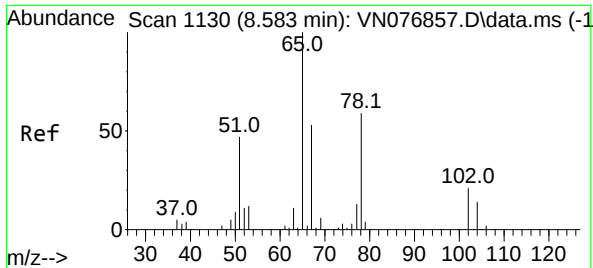


#32
1,1,1-Trichloroethane
Concen: 51.784 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04



Tgt Ion: 97 Resp: 571916
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 47.1 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 45.116 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 33982

Ion Ratio Lower Upper

65 100

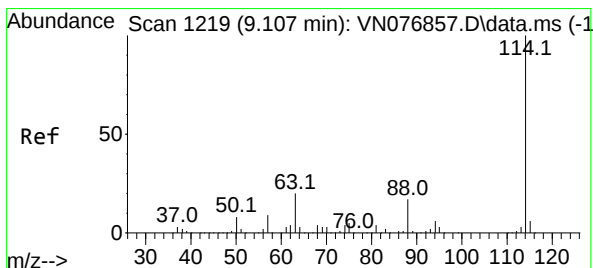
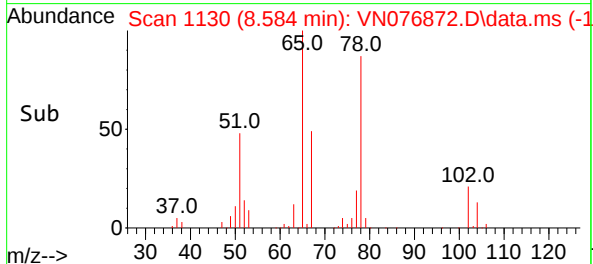
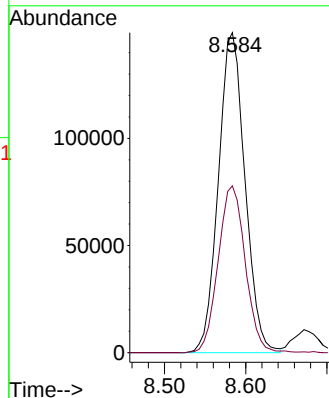
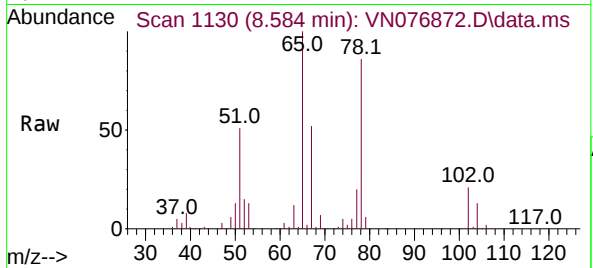
67 53.2 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

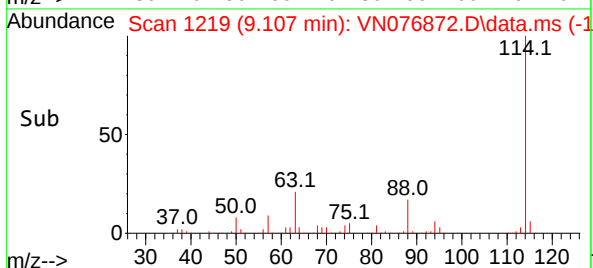
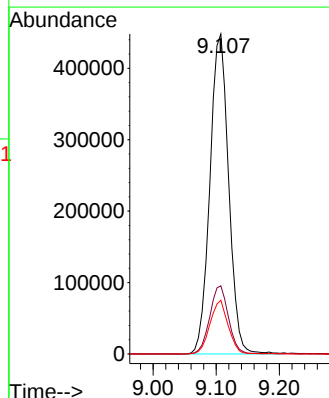
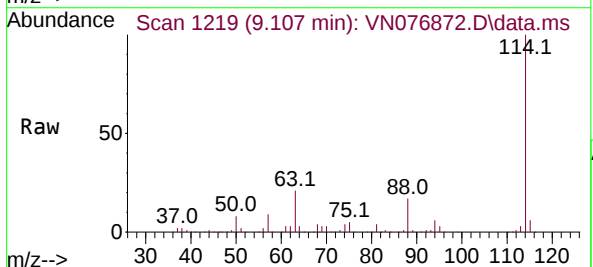
Tgt Ion:114 Resp: 923197

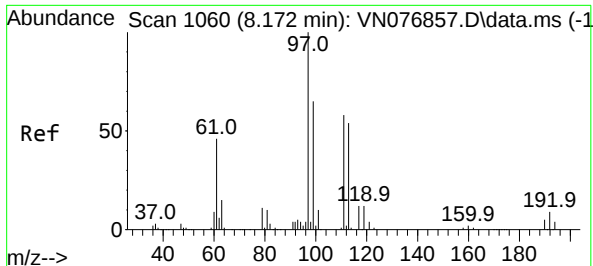
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.6

88 16.8 0.0 28.6





#35

Dibromofluoromethane

Concen: 45.734 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 264128

Ion Ratio Lower Upper

113 100

111 104.3 81.8 122.8

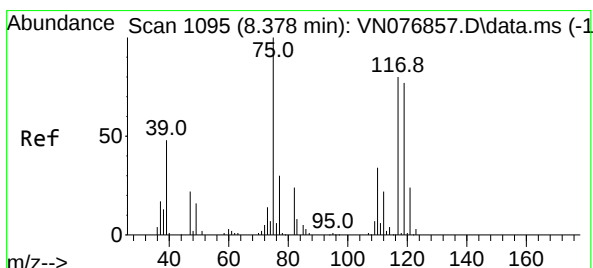
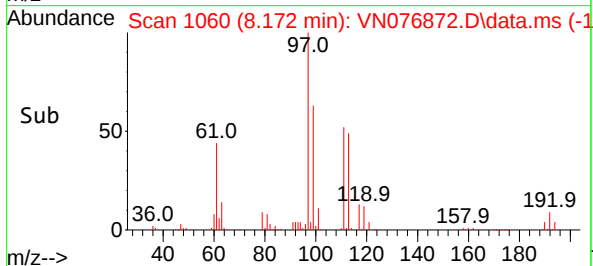
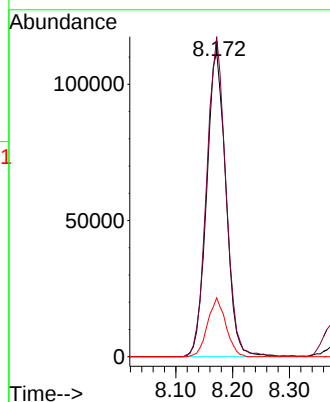
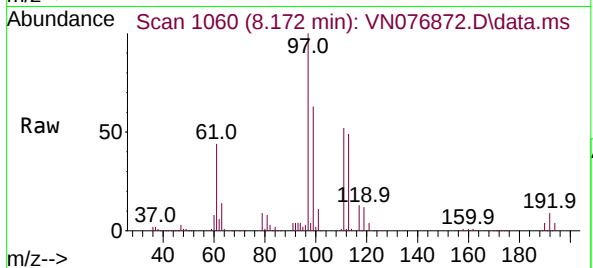
192 18.2 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#36

1,1-Dichloropropene

Concen: 54.508 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

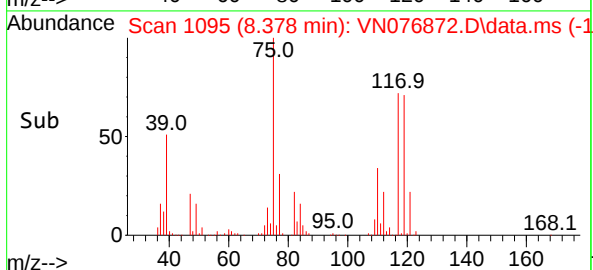
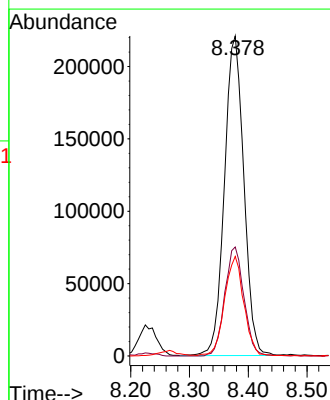
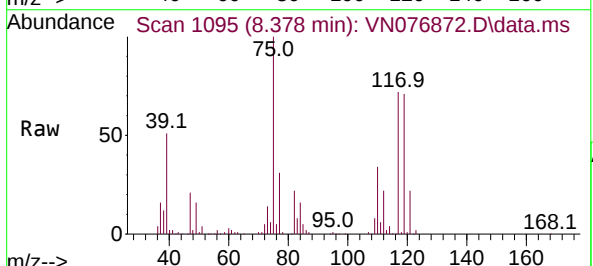
Tgt Ion: 75 Resp: 505959

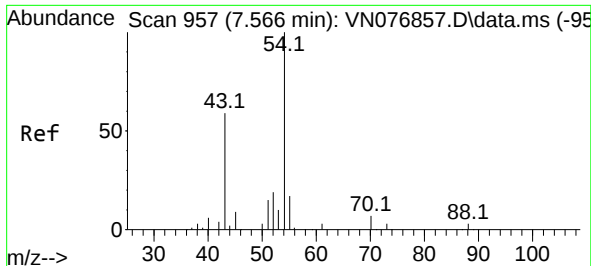
Ion Ratio Lower Upper

75 100

110 33.8 18.9 56.9

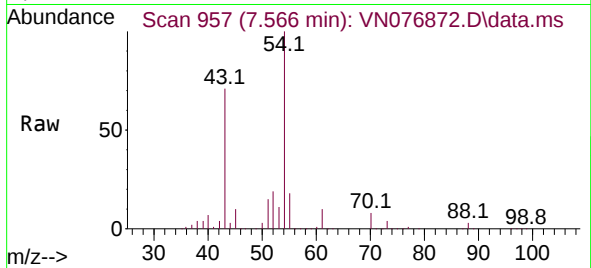
77 31.2 24.9 37.3





#37
Ethyl Acetate
Concen: 49.690 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

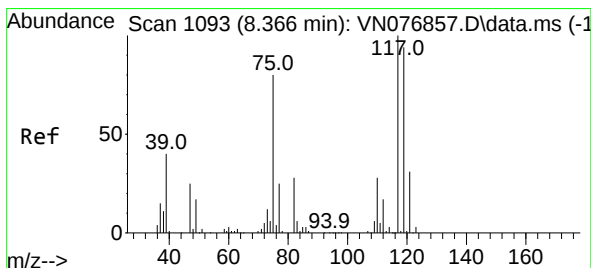
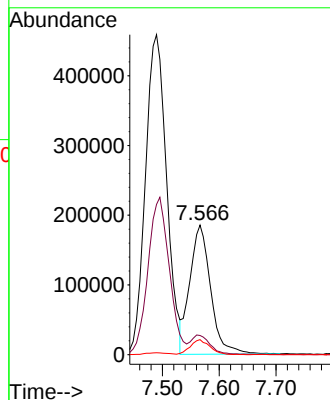
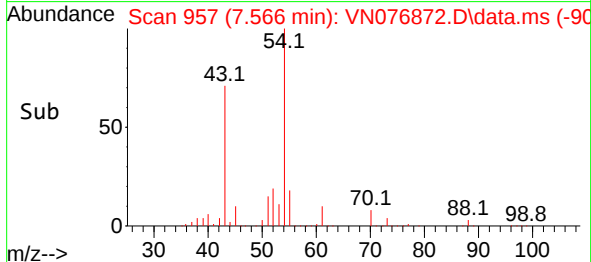
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 473432
Ion Ratio Lower Upper
43 100
61 14.0 13.5 20.3
70 11.0 11.0 16.6

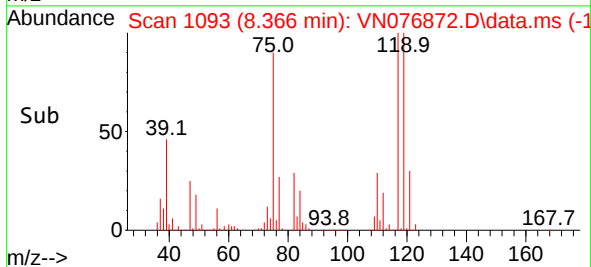
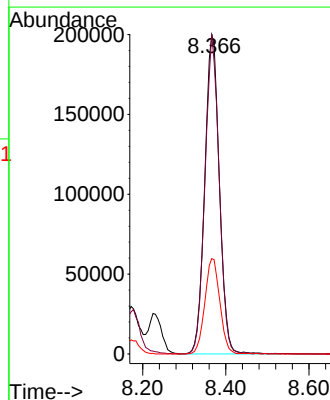
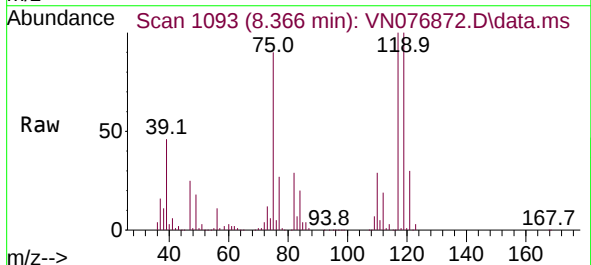
Manual Integrations
APPROVED

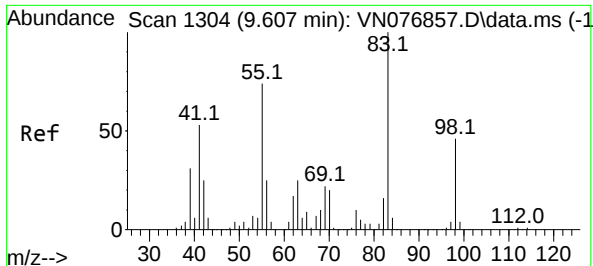
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#38
Carbon Tetrachloride
Concen: 51.893 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Tgt Ion:117 Resp: 489332
Ion Ratio Lower Upper
117 100
119 100.2 76.9 115.3
121 29.8 23.2 34.8





#39

Methylcyclohexane

Concen: 55.658 ug/l

RT: 9.601 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 636802

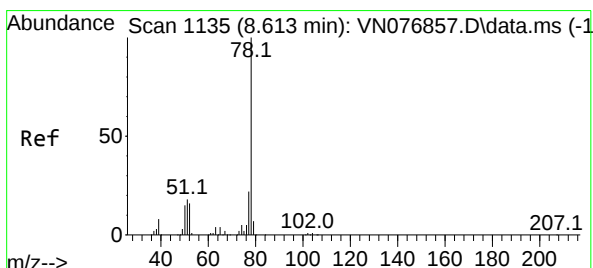
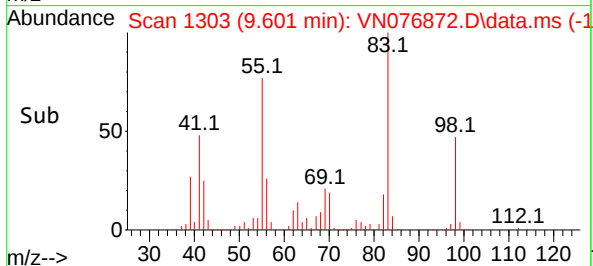
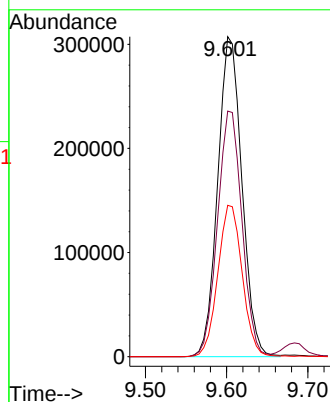
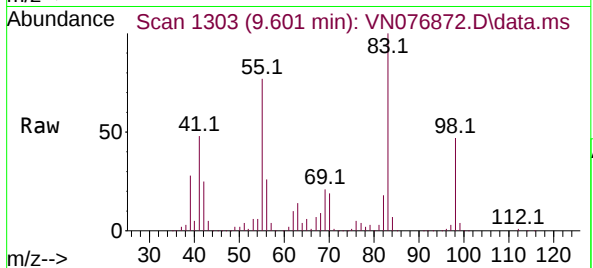
Ion	Ratio	Lower	Upper
83	100		
55	76.8	47.0	70.4
98	47.3	39.4	59.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#40

Benzene

Concen: 53.005 ug/l

RT: 8.607 min Scan# 1134

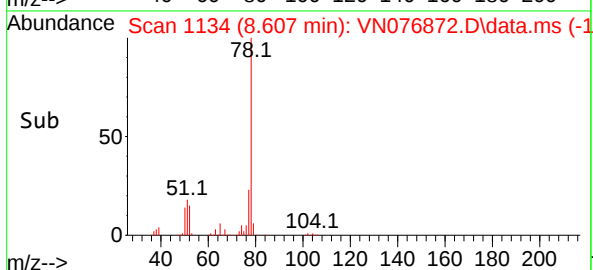
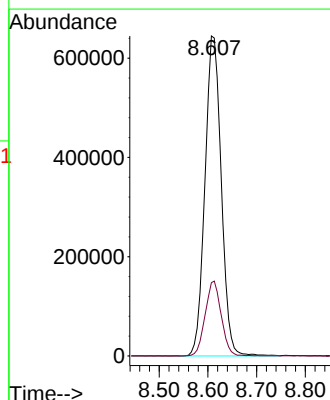
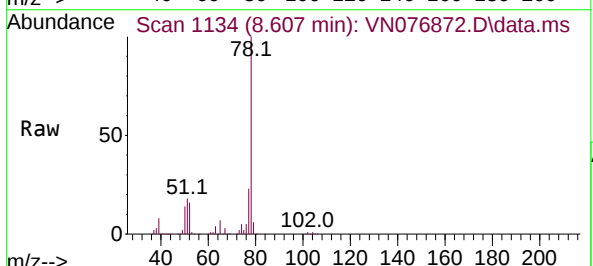
Delta R.T. -0.006 min

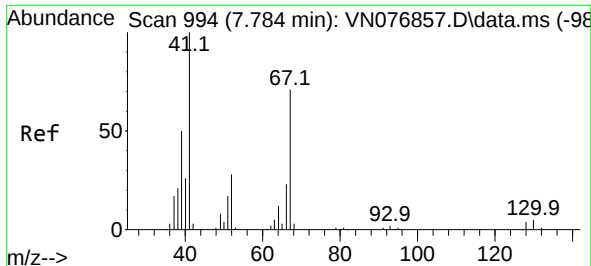
Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

Tgt Ion: 78 Resp: 1498747

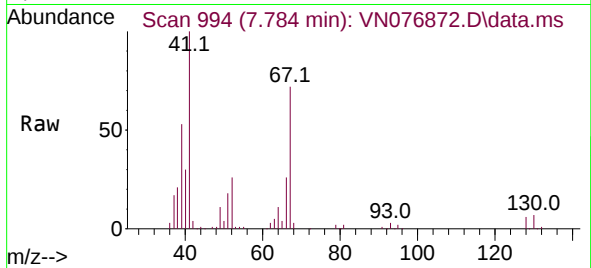
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9





#41
Methacrylonitrile
Concen: 53.347 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

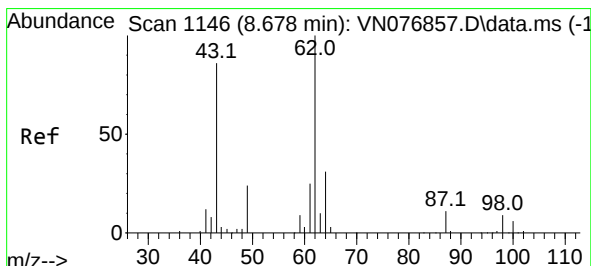
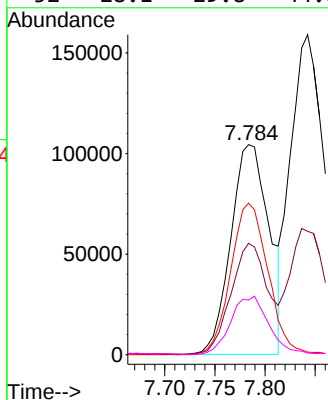
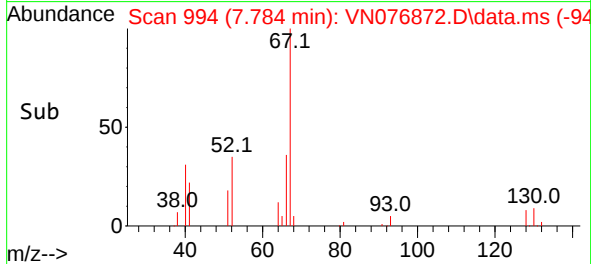
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 27756
Ion Ratio Lower Upper
41 100
39 51.5 43.4 65.0
67 70.6 78.6 118.0
52 28.1 29.8 44.8#

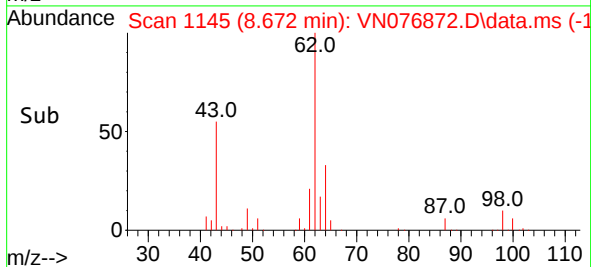
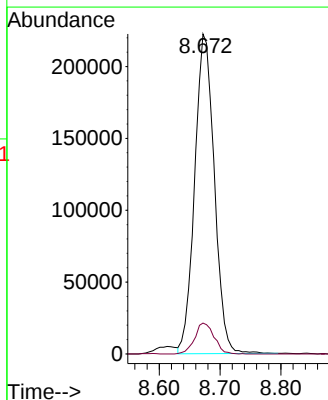
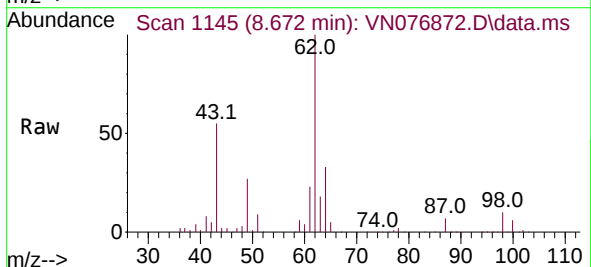
Manual Integrations
APPROVED

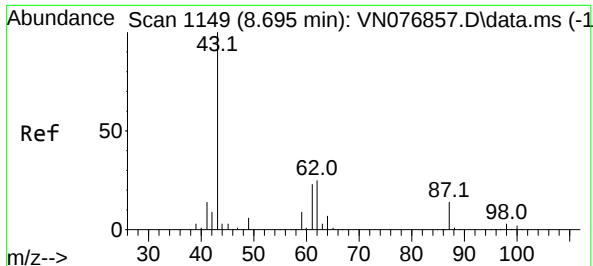
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#42
1,2-Dichloroethane
Concen: 50.623 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

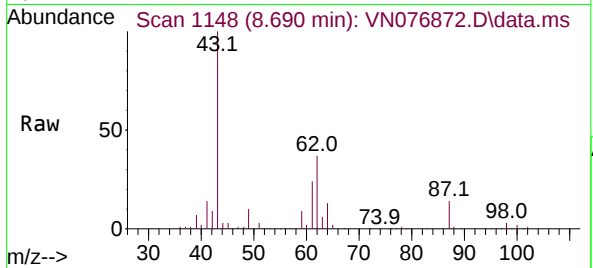
Tgt Ion: 62 Resp: 498632
Ion Ratio Lower Upper
62 100
98 9.5 0.0 21.8





#43
Isopropyl Acetate
Concen: 52.645 ug/l
RT: 8.690 min Scan# 1149
Delta R.T. -0.005 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

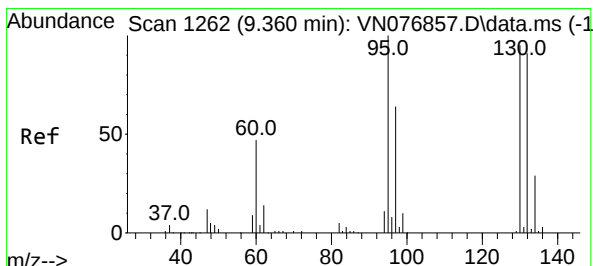
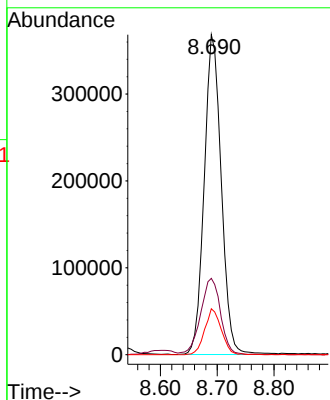
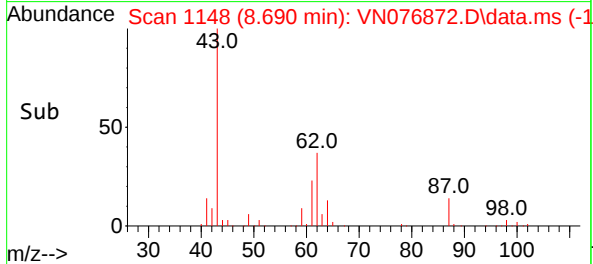
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 76788
Ion Ratio Lower Upper
43 100
61 27.8 26.2 39.2
87 13.9 14.8 22.2

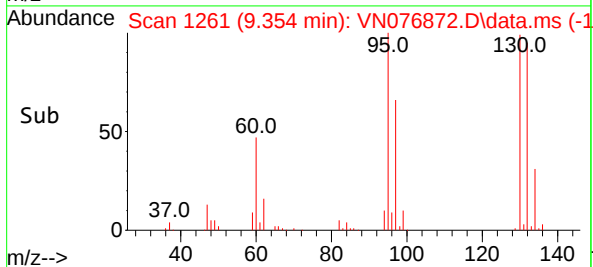
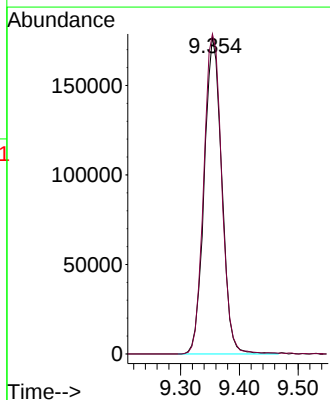
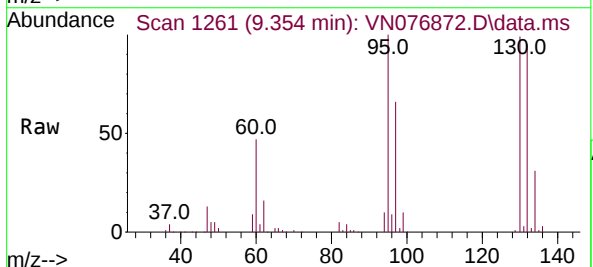
Manual Integrations
APPROVED

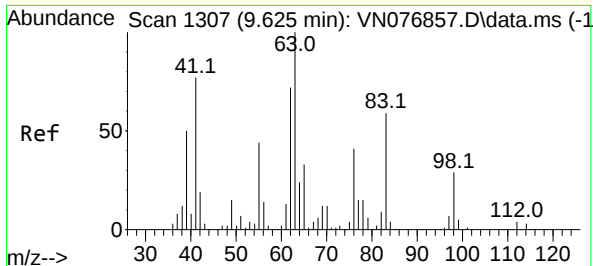
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#44
Trichloroethene
Concen: 54.819 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Tgt Ion:130 Resp: 367523
Ion Ratio Lower Upper
130 100
95 100.8 0.0 208.6





#45

1,2-Dichloropropane

Concen: 52.805 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 38584

Ion Ratio Lower Upper

63 100

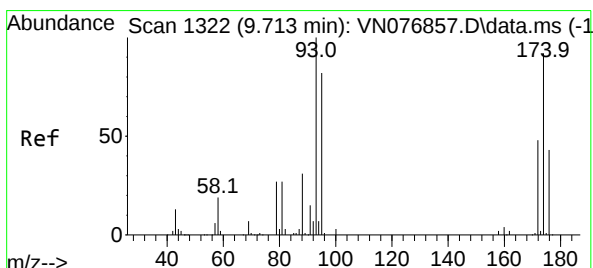
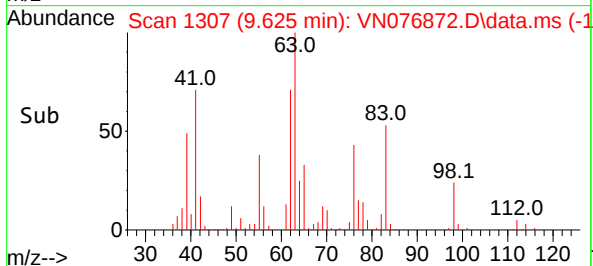
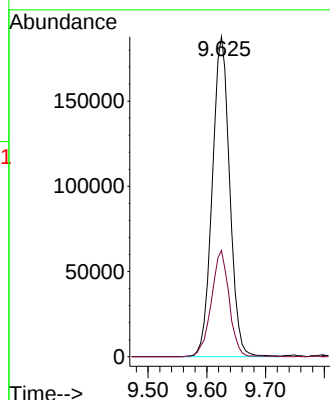
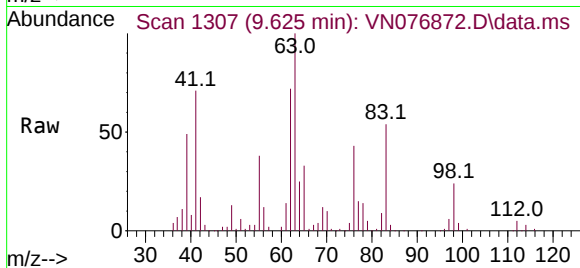
65 33.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#46

Dibromomethane

Concen: 52.148 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

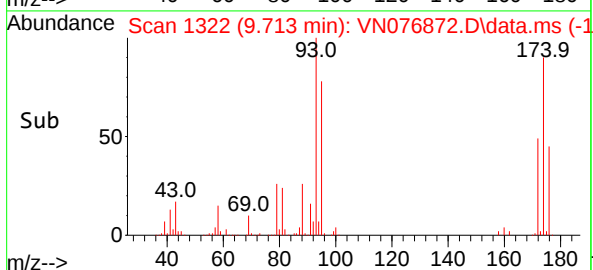
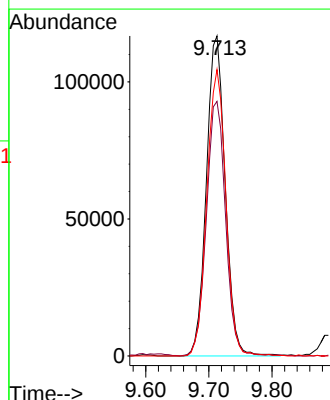
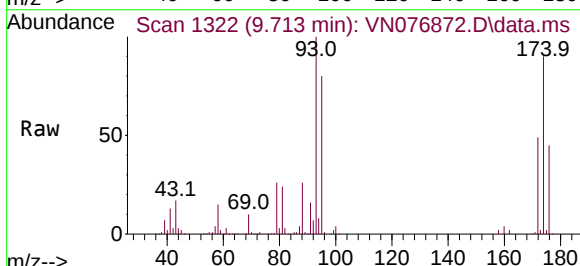
Tgt Ion: 93 Resp: 242014

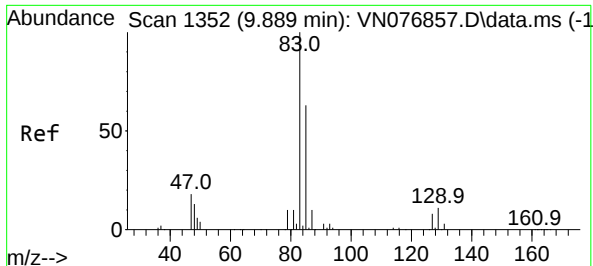
Ion Ratio Lower Upper

93 100

95 81.6 65.7 98.5

174 90.2 69.3 103.9





#47

Bromodichloromethane

Concen: 53.517 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 510598

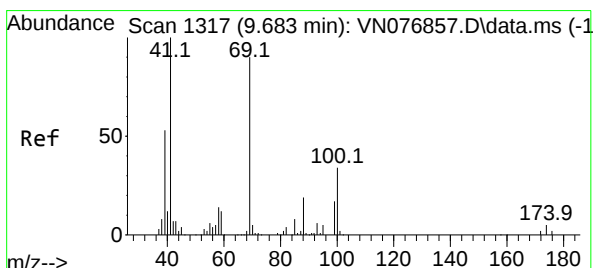
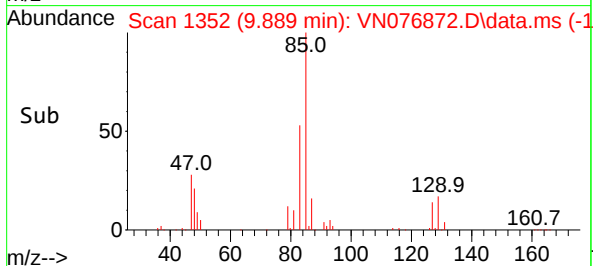
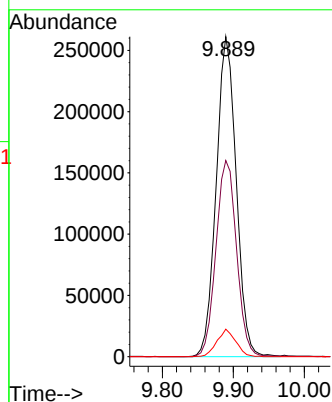
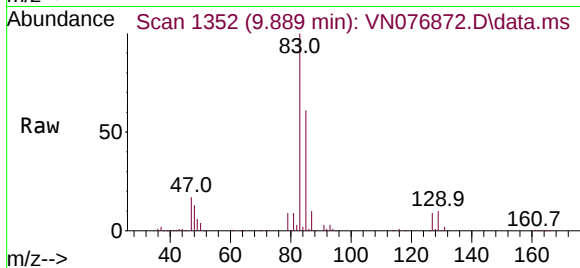
Ion	Ratio	Lower	Upper
83	100		
85	61.3	52.6	78.8
127	8.6	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#48

Methyl methacrylate

Concen: 54.354 ug/l

RT: 9.684 min Scan# 1317

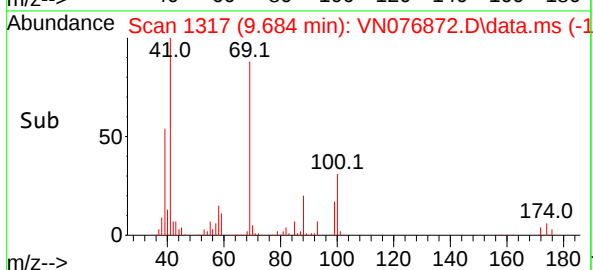
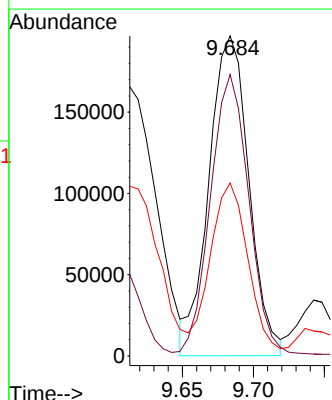
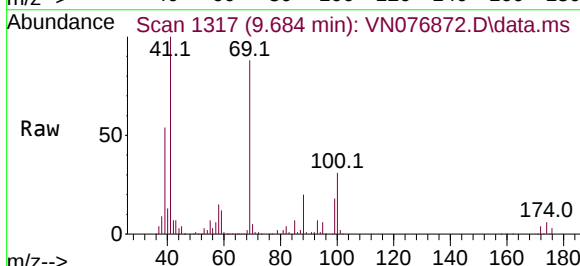
Delta R.T. 0.001 min

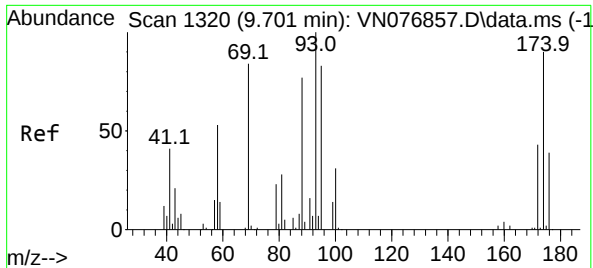
Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

Tgt Ion: 41 Resp: 385245

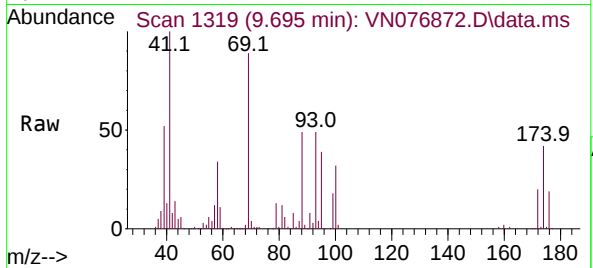
Ion	Ratio	Lower	Upper
41	100		
69	85.2	92.6	139.0#
39	51.3	51.4	77.0#





#49
1,4-Dioxane
Concen: 958.656 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

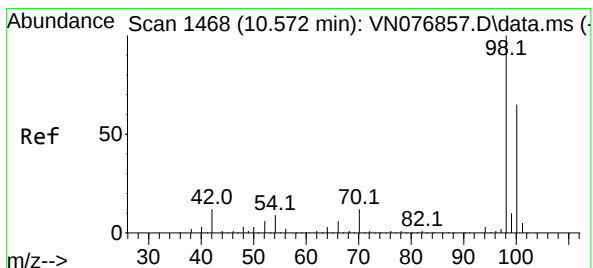
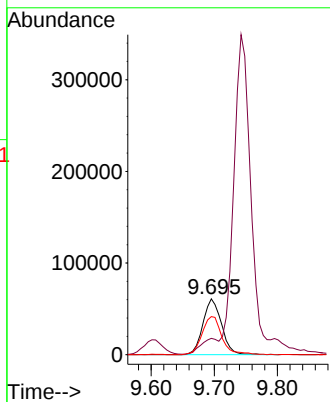
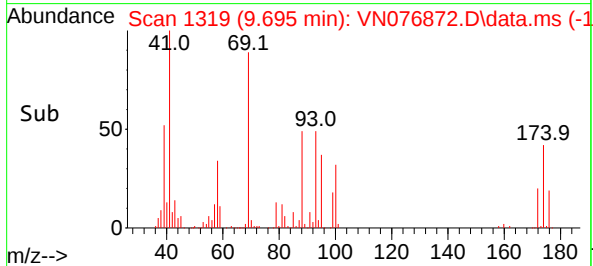
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



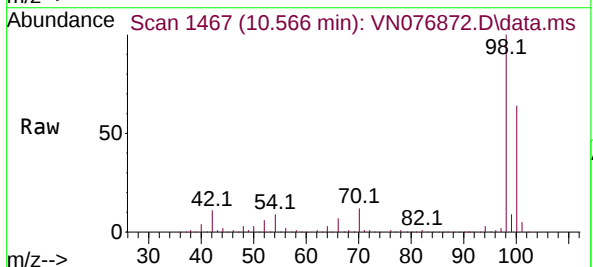
Tgt Ion: 88 Resp: 12453
Ion Ratio Lower Upper
88 100
43 26.7 15.3 22.9
58 73.0 47.6 71.4

Manual Integrations
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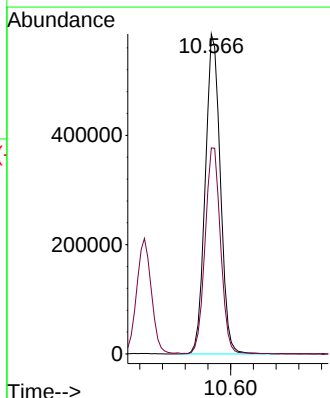
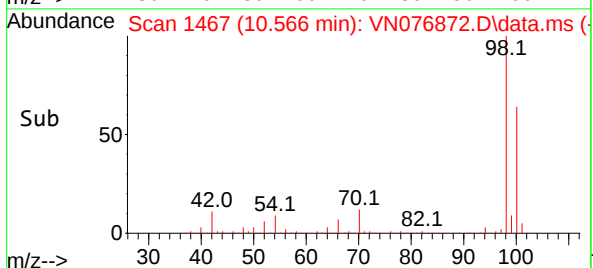
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

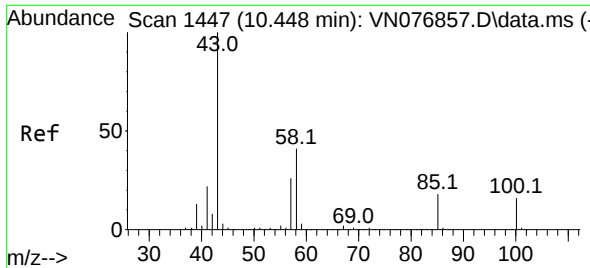


#50
Toluene-d8
Concen: 48.296 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04



Tgt Ion: 98 Resp: 1074601
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2





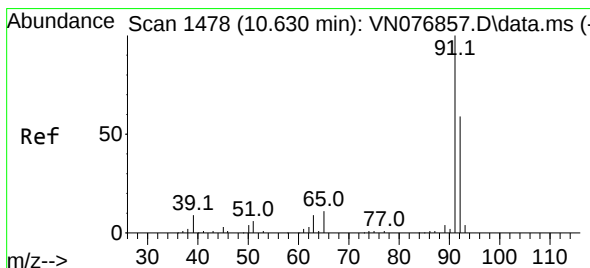
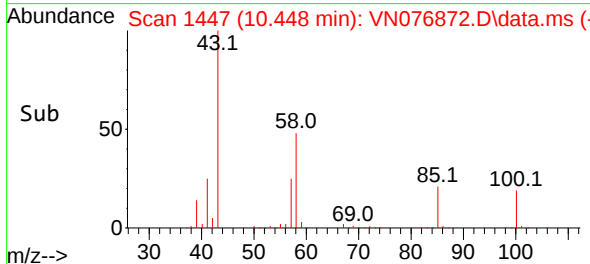
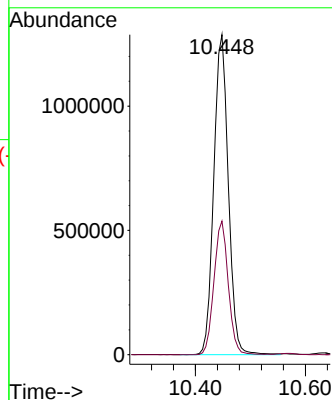
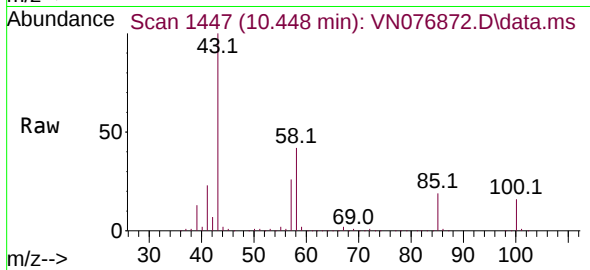
#51
4-Methyl-2-Pentanone
Concen: 257.394 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 2368104
Ion Ratio Lower Upper
43 100
58 41.1 37.4 56.0

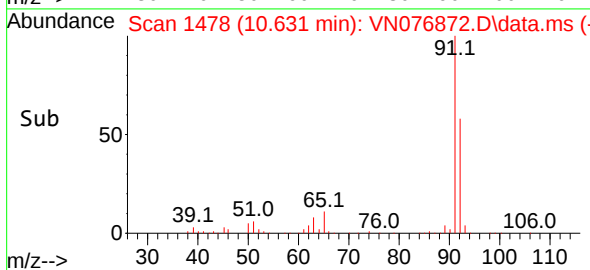
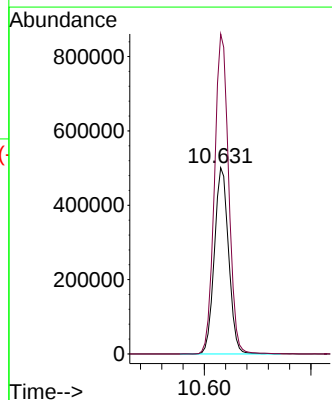
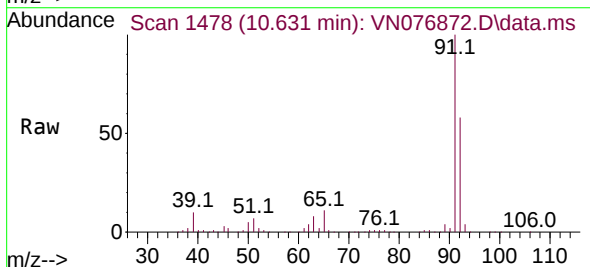
Manual Integrations
APPROVED

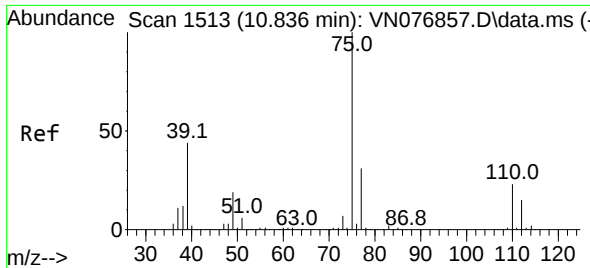
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#52
Toluene
Concen: 55.291 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.001 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Tgt Ion: 92 Resp: 930894
Ion Ratio Lower Upper
92 100
91 171.6 138.2 207.2





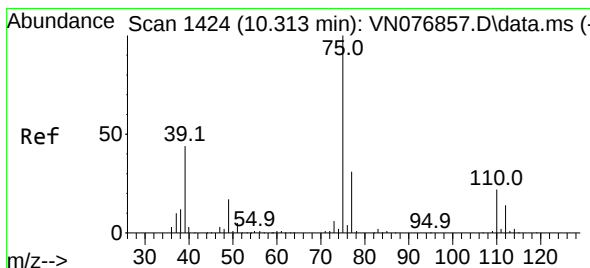
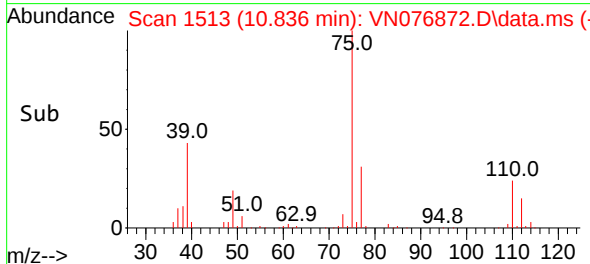
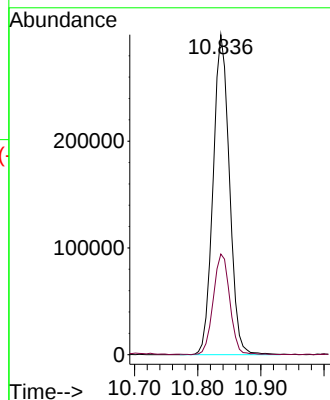
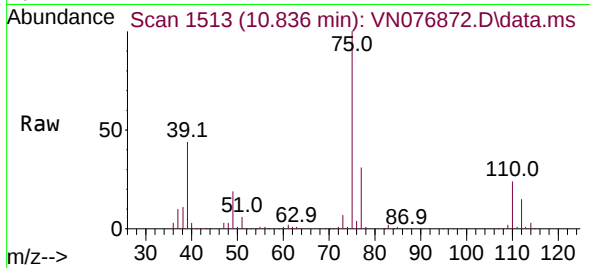
#53
t-1,3-Dichloropropene
Concen: 58.340 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 53954
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6

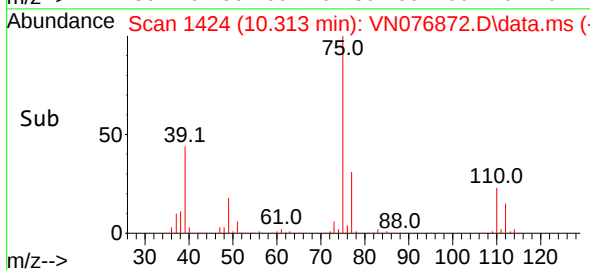
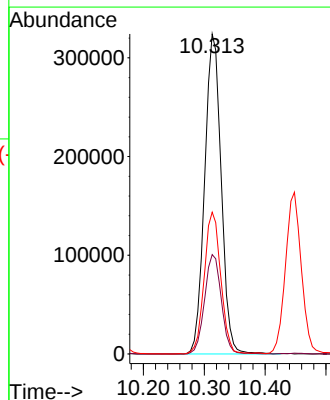
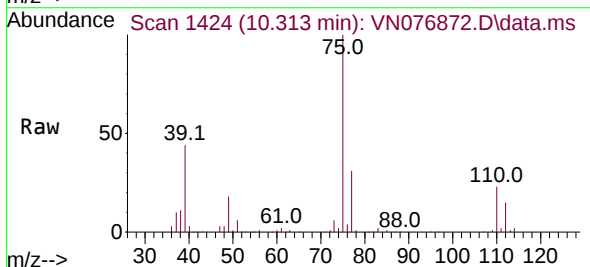
Manual Integrations
APPROVED

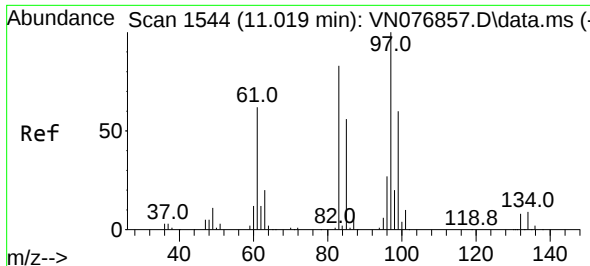
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#54
cis-1,3-Dichloropropene
Concen: 57.528 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

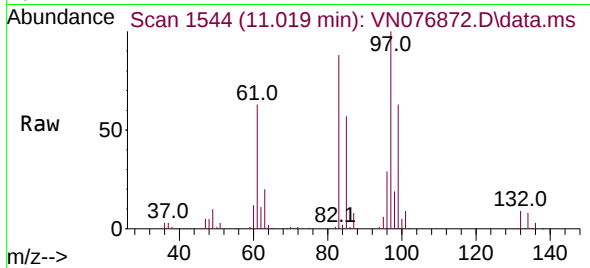
Tgt Ion: 75 Resp: 611116
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5
39 44.2 29.7 44.5





#55
1,1,2-Trichloroethane
Concen: 52.143 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

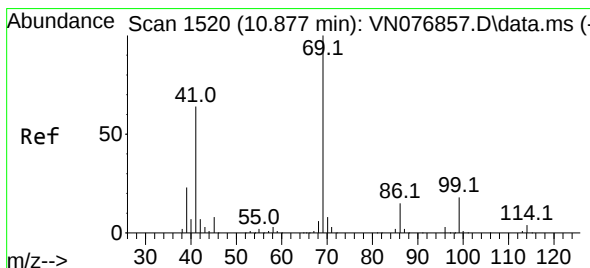
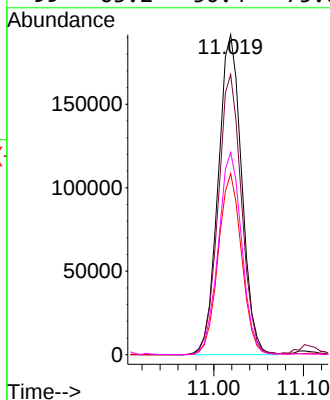
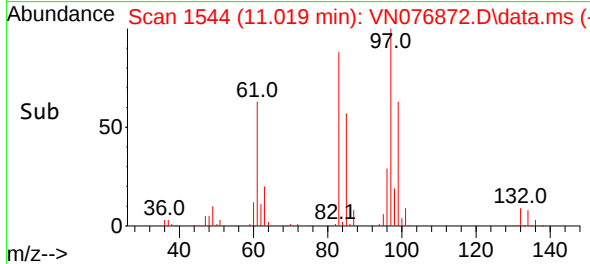
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 349228
Ion Ratio Lower Upper
97 100
83 87.5 67.1 100.7
85 56.6 41.8 62.8
99 63.2 50.4 75.6

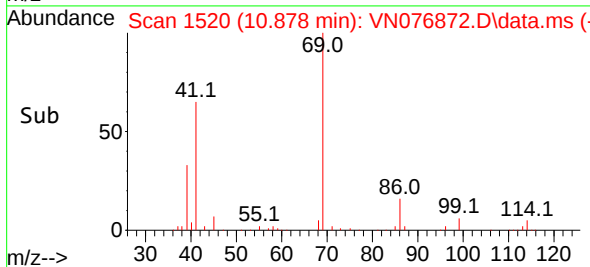
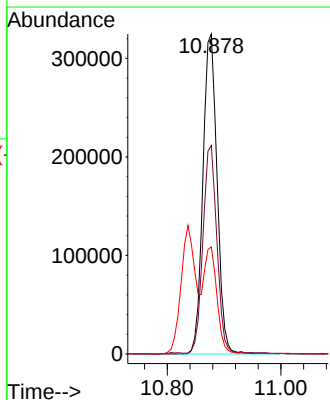
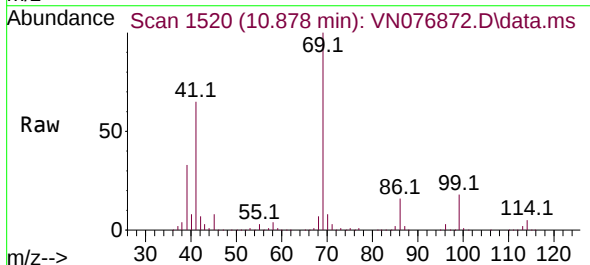
Manual Integrations
APPROVED

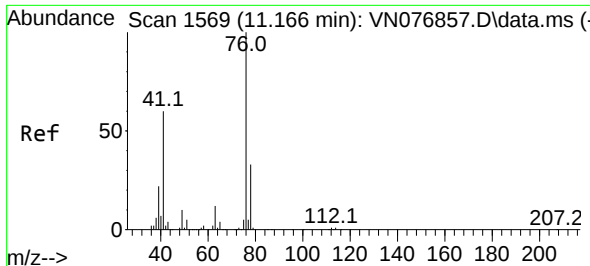
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#56
Ethyl methacrylate
Concen: 56.298 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Tgt Ion: 69 Resp: 561796
Ion Ratio Lower Upper
69 100
41 63.8 38.0 57.0#
39 29.3 22.4 33.6





#57
1,3-Dichloropropane
Concen: 53.185 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Instrument :

MSVOA_N

ClientSampleId :

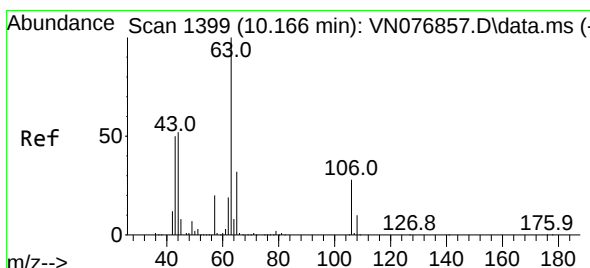
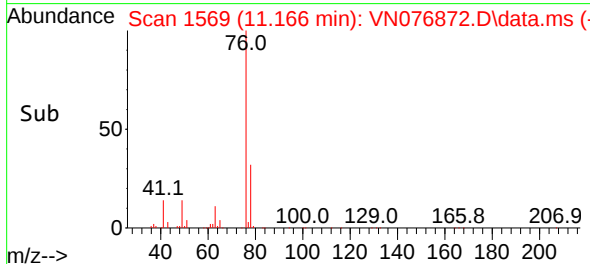
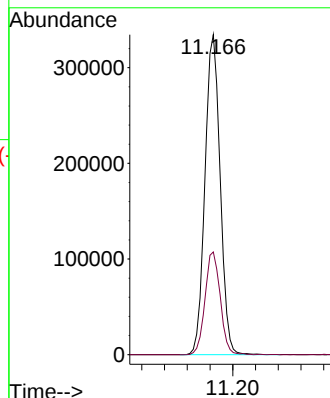
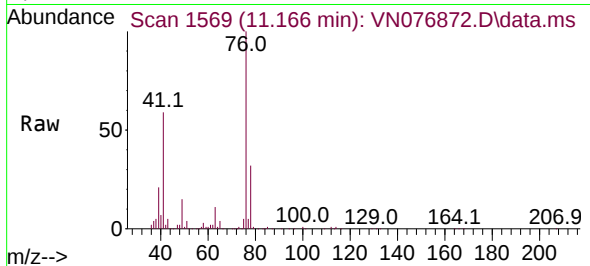
VSTDCCC050EC

Tgt Ion: 76 Resp: 61845
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

Manual Integrations

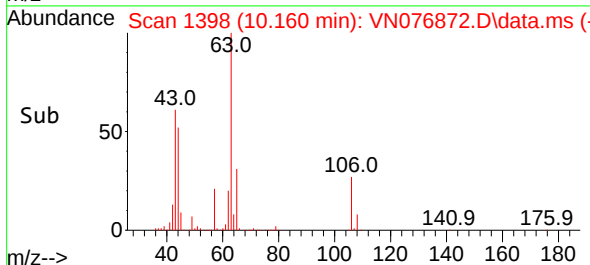
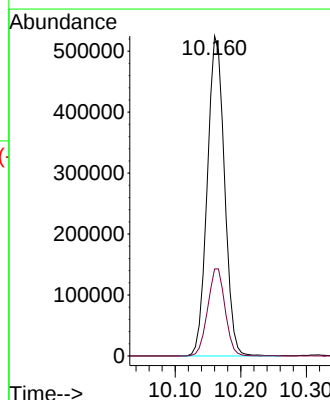
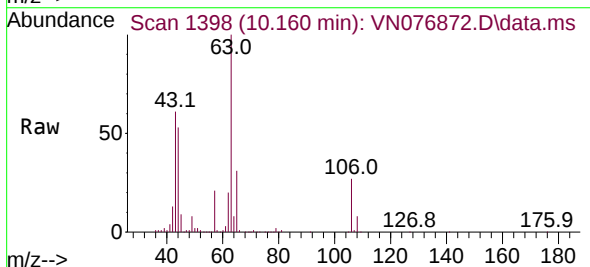
APPROVED

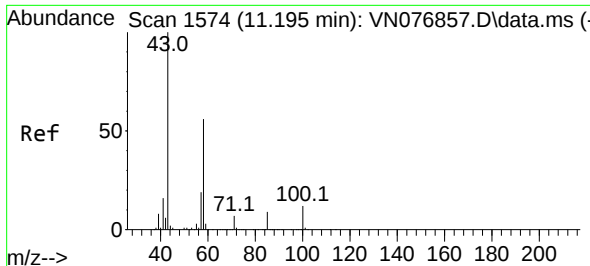
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#58
2-Chloroethyl Vinyl ether
Concen: 277.122 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

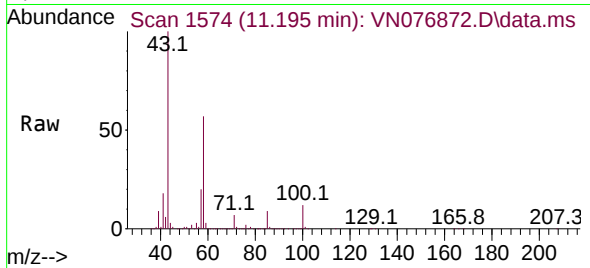
Tgt Ion: 63 Resp: 958176
Ion Ratio Lower Upper
63 100
106 27.5 25.6 38.4





#59
2-Hexanone
Concen: 260.063 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

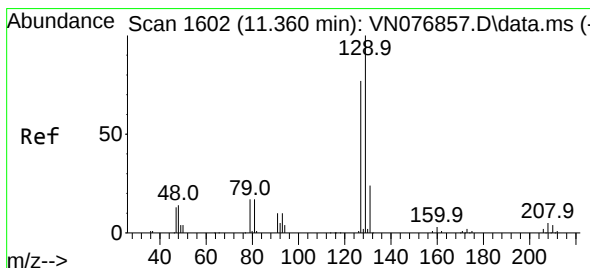
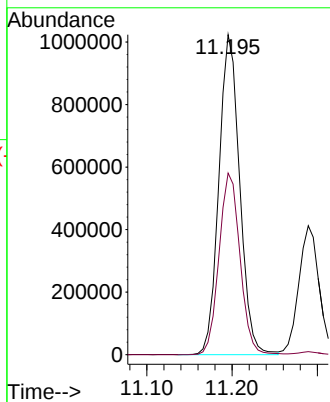
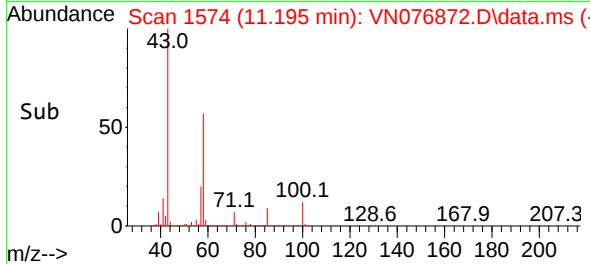
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1733774
Ion Ratio Lower Upper
43 100
58 57.3 32.6 98.0

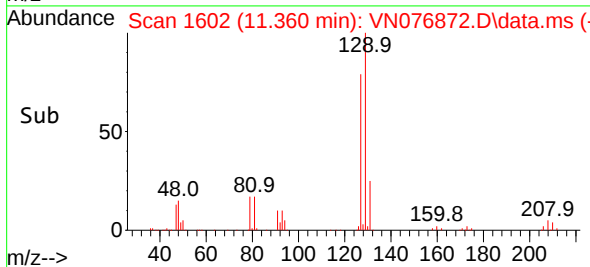
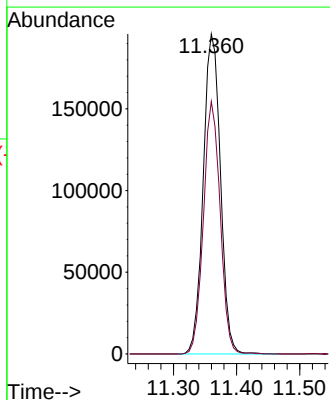
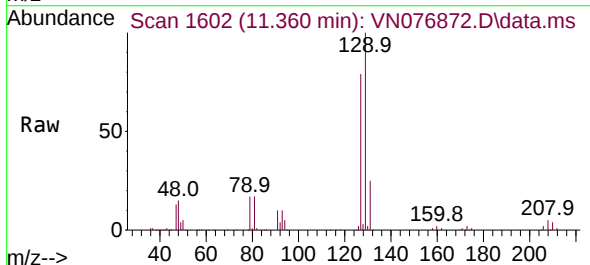
Manual Integrations
APPROVED

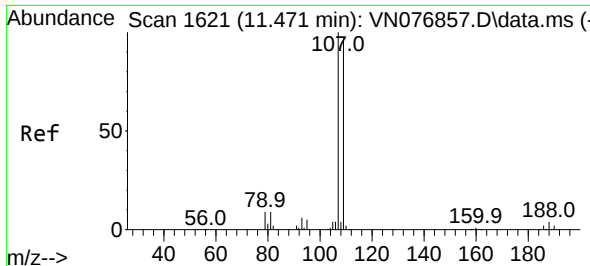
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#60
Dibromochloromethane
Concen: 56.185 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

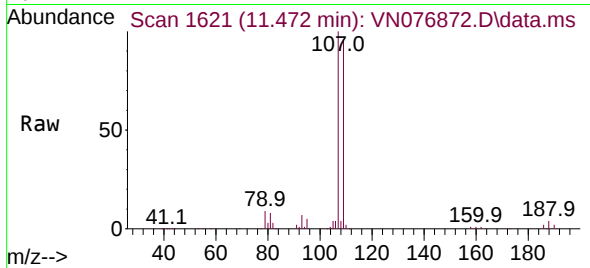
Tgt Ion:129 Resp: 370808
Ion Ratio Lower Upper
129 100
127 76.7 39.6 118.8





#61
1,2-Dibromoethane
Concen: 53.749 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

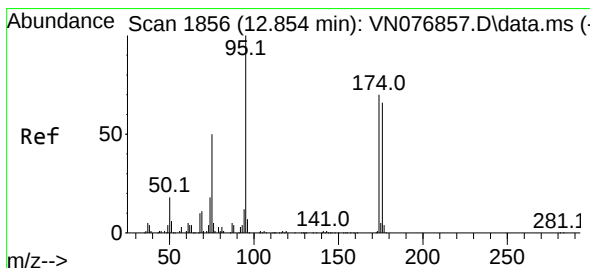
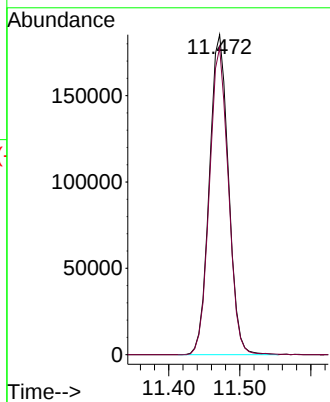
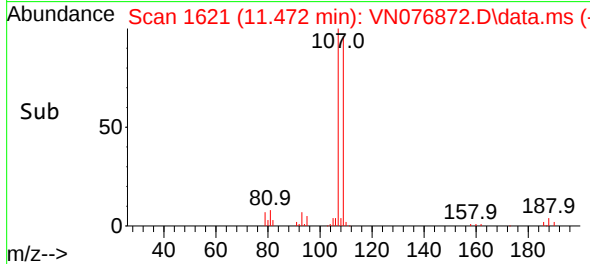
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 345990
Ion Ratio Lower Upper
107 100
109 95.0 75.9 113.9

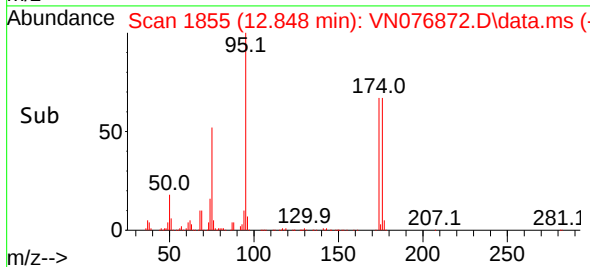
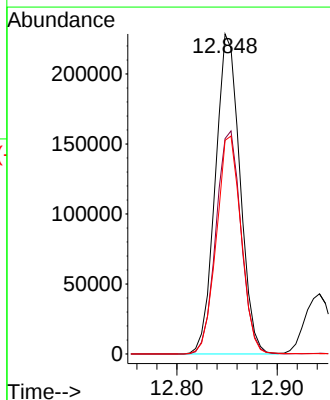
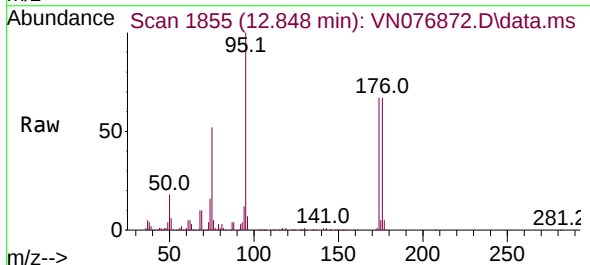
Manual Integrations
APPROVED

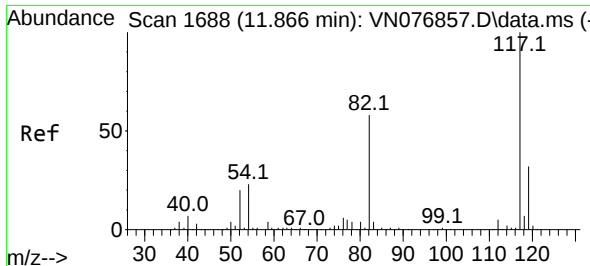
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#62
4-Bromofluorobenzene
Concen: 50.544 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

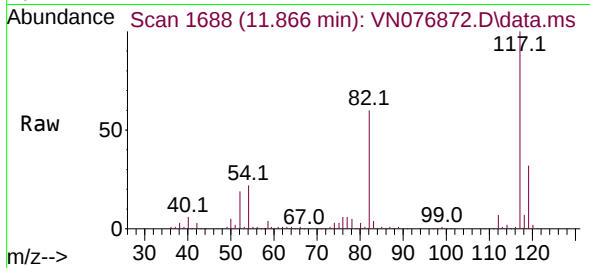
Tgt Ion: 95 Resp: 389699
Ion Ratio Lower Upper
95 100
174 70.7 0.0 162.4
176 68.4 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

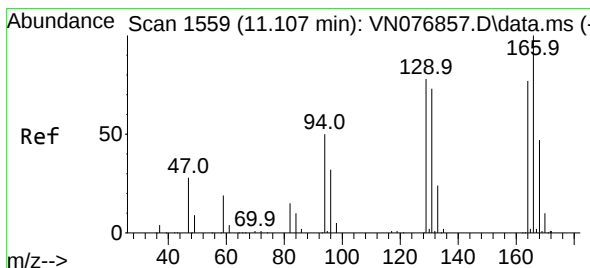
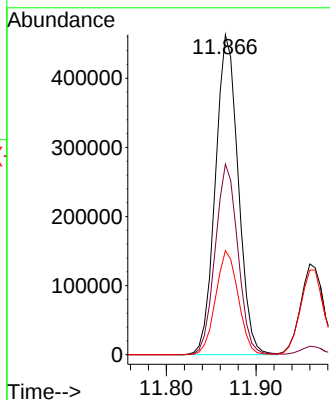
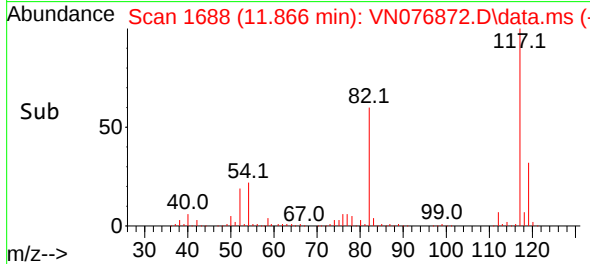
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 818570
Ion Ratio Lower Upper
117 100
82 59.5 43.5 65.3
119 32.5 25.5 38.3

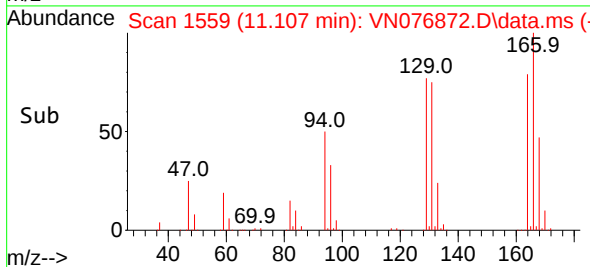
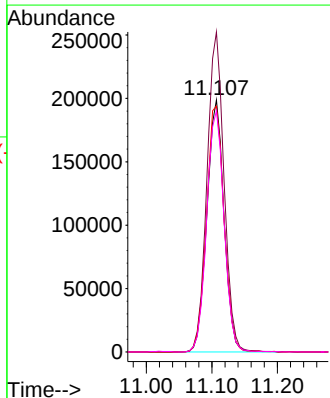
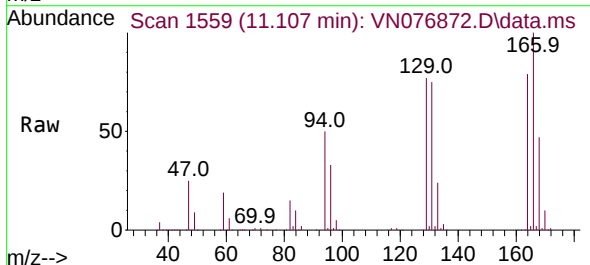
Manual Integrations
APPROVED

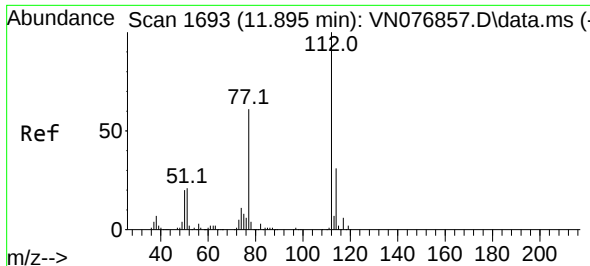
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#64
Tetrachloroethene
Concen: 59.105 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

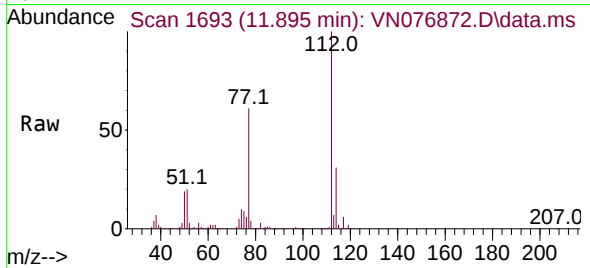
Tgt Ion:164 Resp: 360047
Ion Ratio Lower Upper
164 100
166 127.0 102.7 154.1
129 97.6 81.5 122.3
131 95.7 77.7 116.5





#65
Chlorobenzene
Concen: 53.136 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

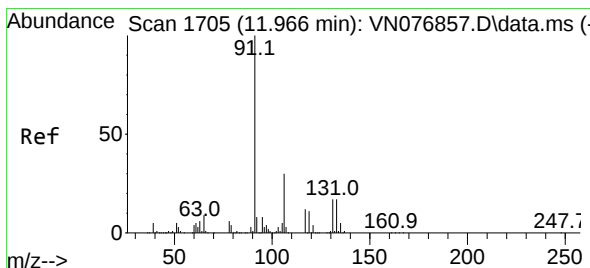
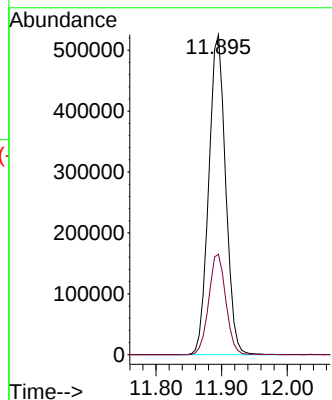
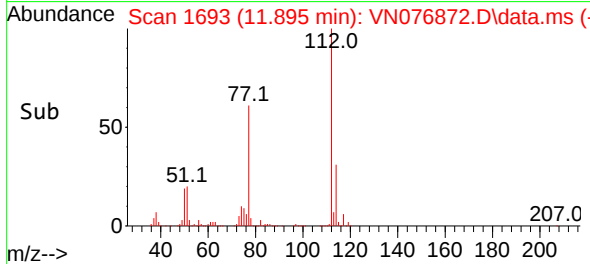
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



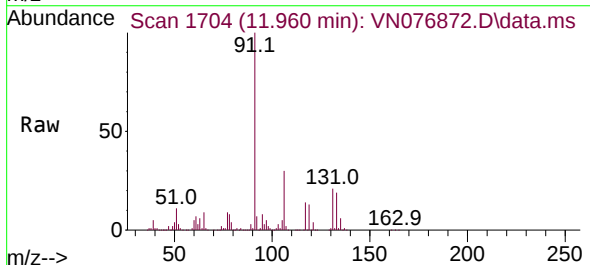
Tgt Ion:112 Resp: 939978
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8

Manual Integrations
APPROVED

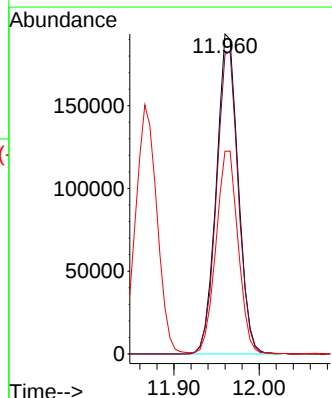
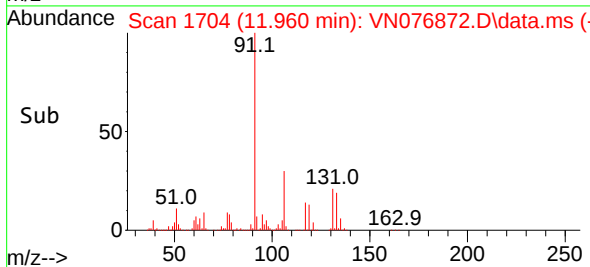
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

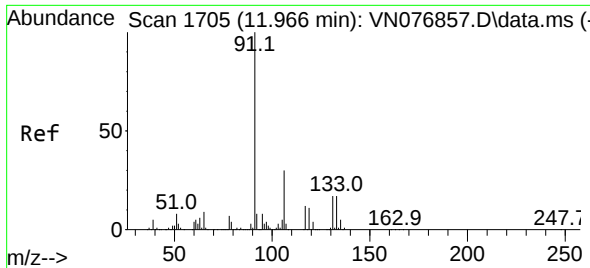


#66
1,1,1,2-Tetrachloroethane
Concen: 53.695 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04



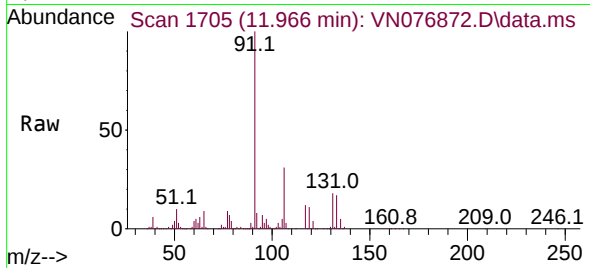
Tgt Ion:131 Resp: 343604
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.8
119 64.5 33.1 99.2





#67
Ethyl Benzene
Concen: 56.147 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

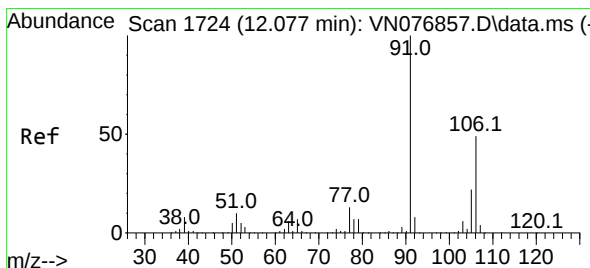
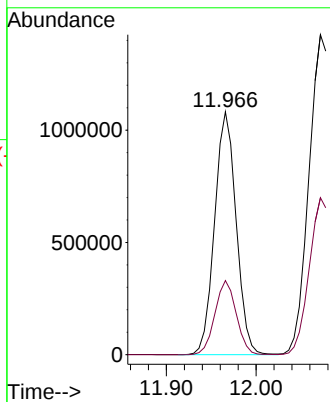
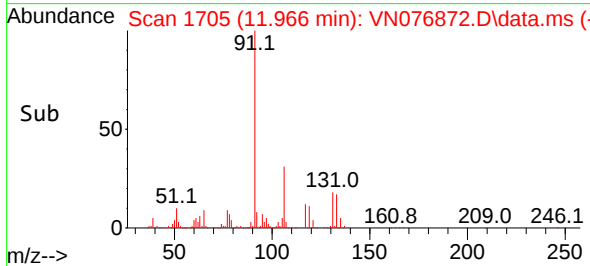
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



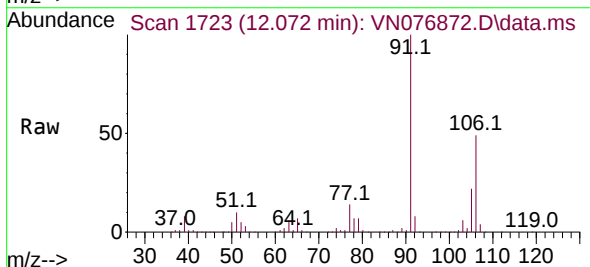
Tgt Ion: 91 Resp: 180351
Ion Ratio Lower Upper
91 100
106 30.5 25.1 37.7

Manual Integrations
APPROVED

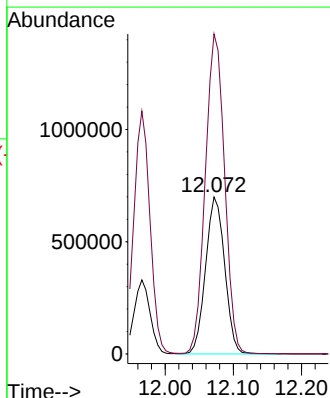
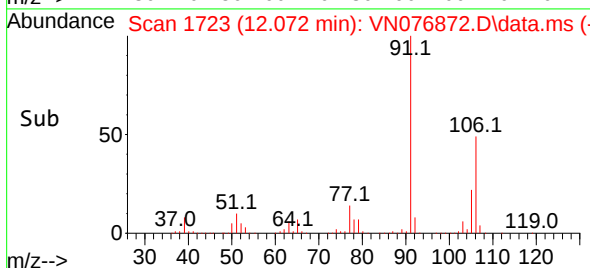
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

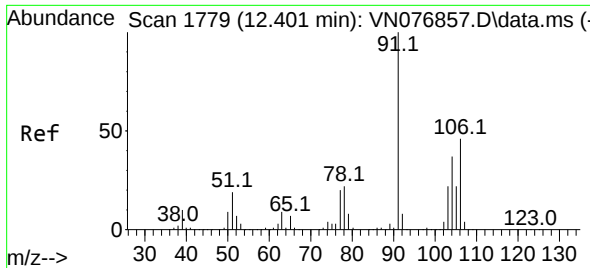


#68
m/p-Xylenes
Concen: 112.650 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04



Tgt Ion:106 Resp: 1361372
Ion Ratio Lower Upper
106 100
91 206.3 158.0 237.0





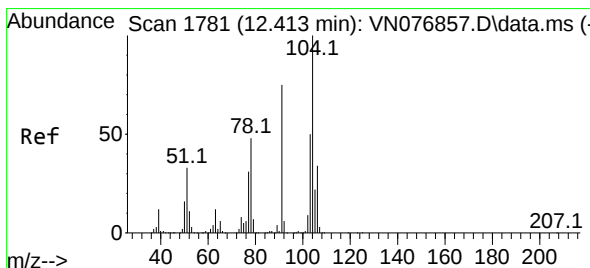
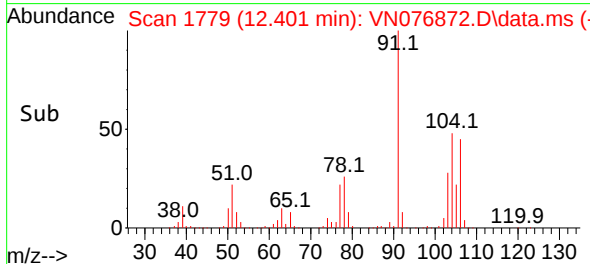
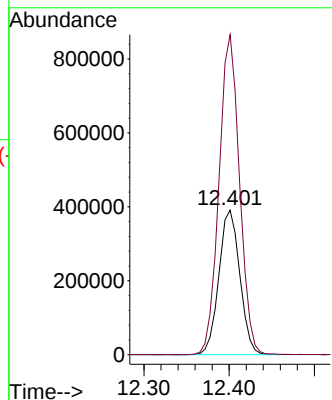
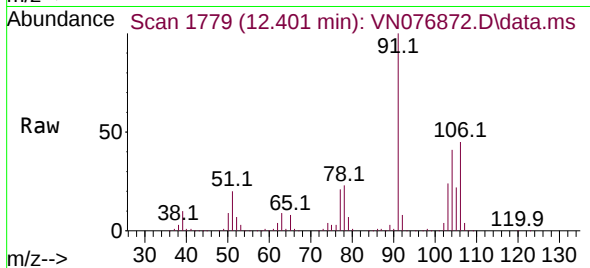
#69
o-Xylene
Concen: 56.101 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 667648
Ion Ratio Lower Upper
106 100
91 217.0 101.8 305.4

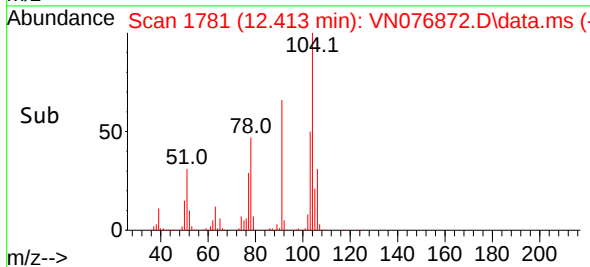
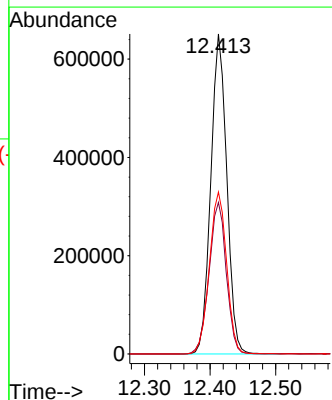
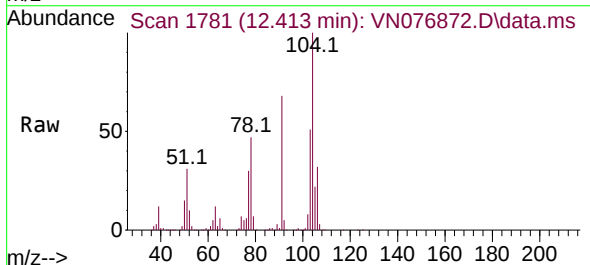
Manual Integrations
APPROVED

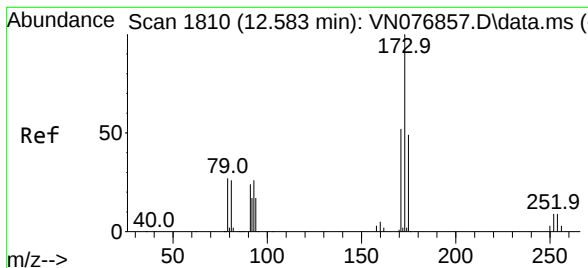
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#70
Styrene
Concen: 59.057 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Tgt Ion:104 Resp: 1101929
Ion Ratio Lower Upper
104 100
78 51.0 36.6 55.0
103 54.8 43.4 65.0





#71

Bromoform

Concen: 56.949 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 24805

Ion Ratio Lower Upper

173 100

175 48.5 24.9 74.6

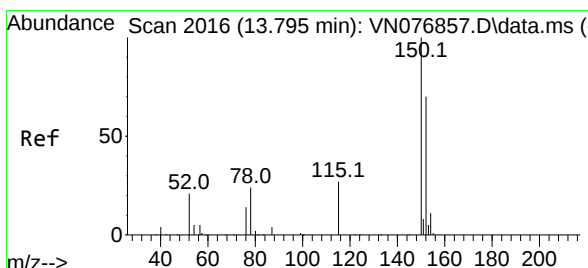
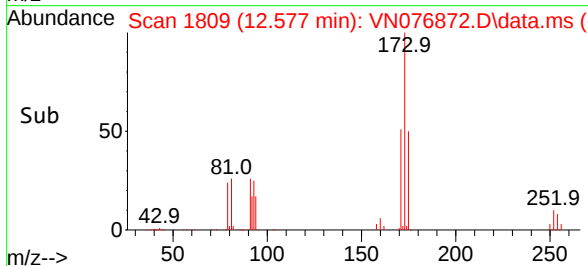
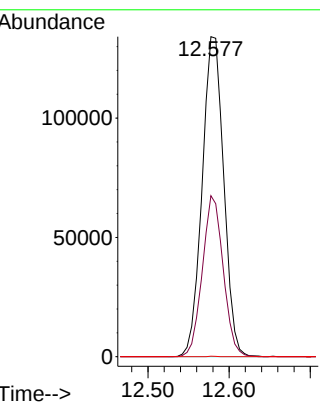
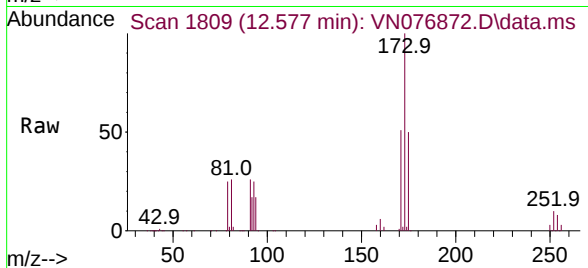
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

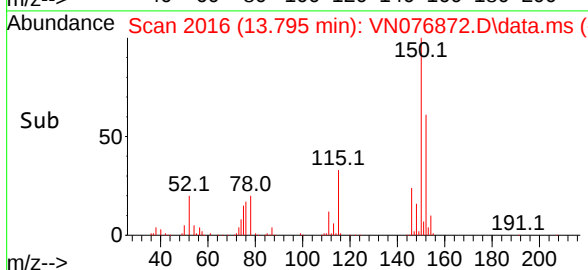
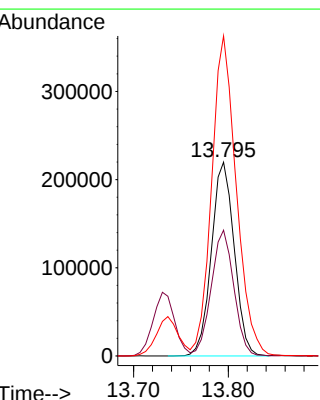
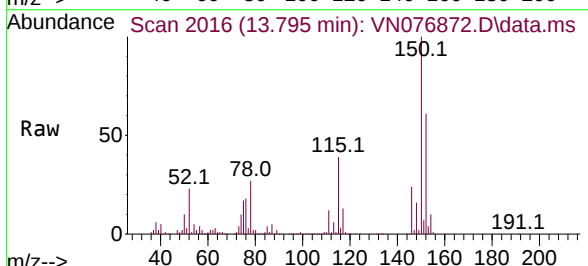
Tgt Ion:152 Resp: 368074

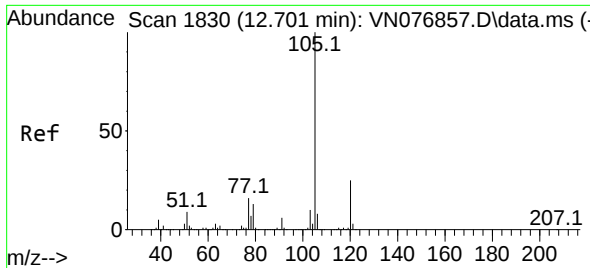
Ion Ratio Lower Upper

152 100

115 64.0 30.3 90.9

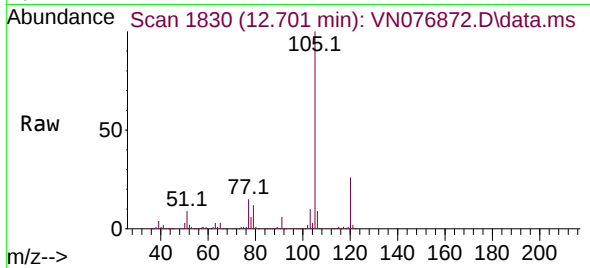
150 178.5 0.0 353.6





#73
Isopropylbenzene
Concen: 54.927 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

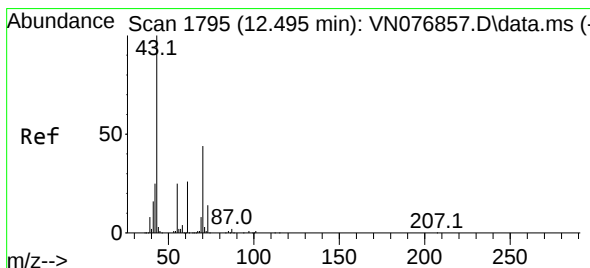
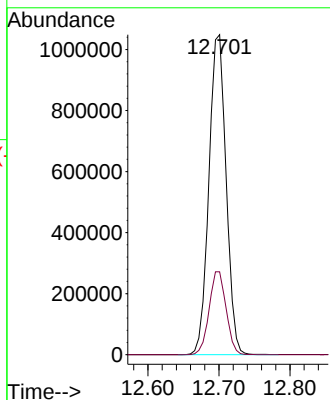
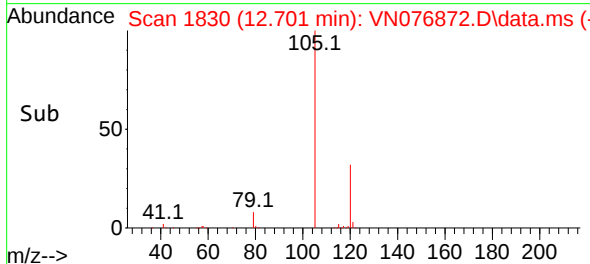
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



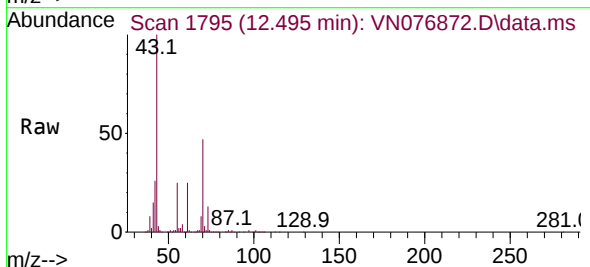
Tgt Ion:105 Resp: 1762288
Ion Ratio Lower Upper
105 100
120 25.6 13.8 41.4

Manual Integrations
APPROVED

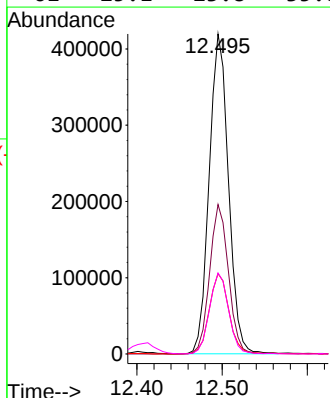
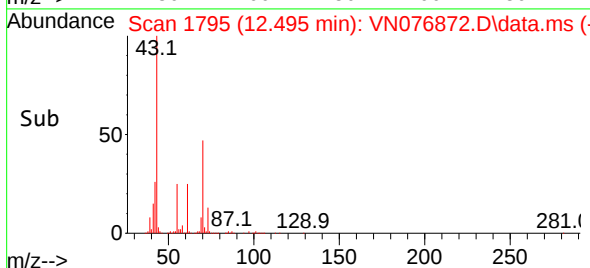
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

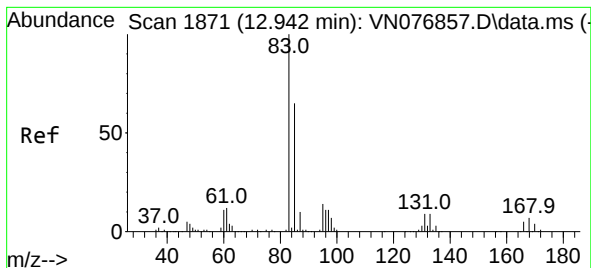


#74
N-ethyl acetate
Concen: 52.548 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04



Tgt Ion: 43 Resp: 659369
Ion Ratio Lower Upper
43 100
70 45.7 46.8 70.2#
55 25.6 23.4 35.2
61 25.1 23.8 35.8





#75

1,1,2,2-Tetrachloroethane

Concen: 46.118 ug/l

RT: 12.936 min Scan# 1871

Delta R.T. -0.006 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 474198

Ion Ratio Lower Upper

83 100

131 9.8 5.3 16.1

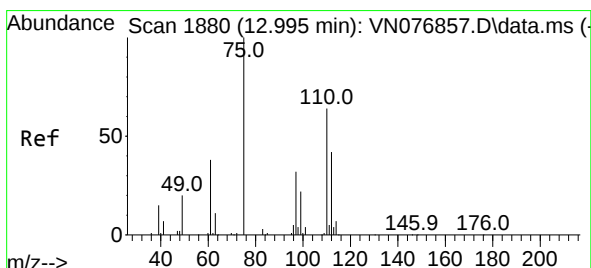
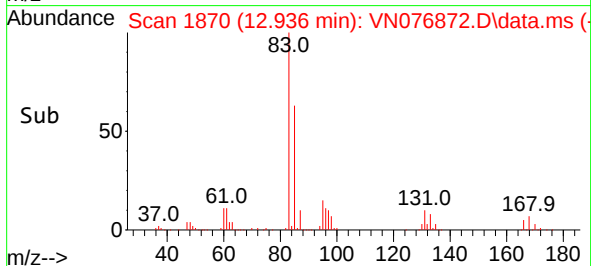
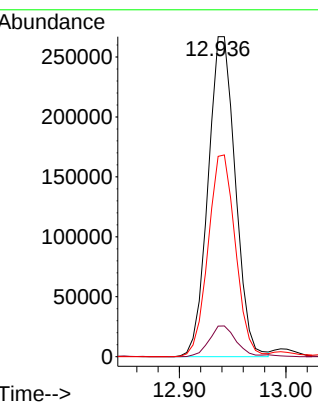
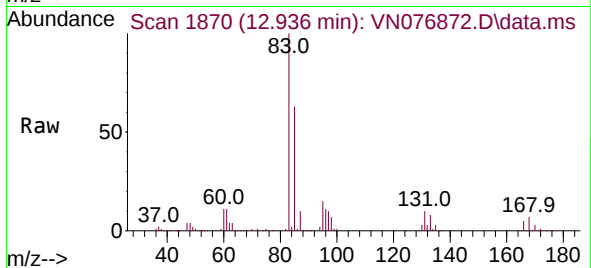
85 63.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#76

1,2,3-Trichloropropane

Concen: 47.318 ug/l m

RT: 12.995 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN076872.D

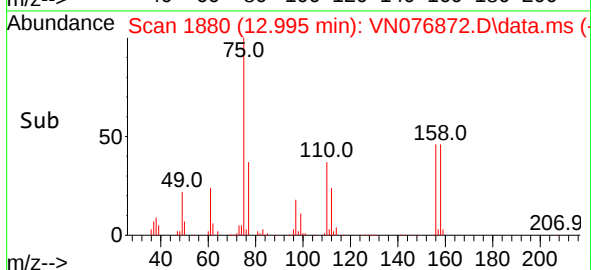
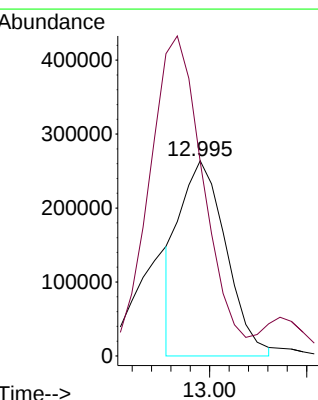
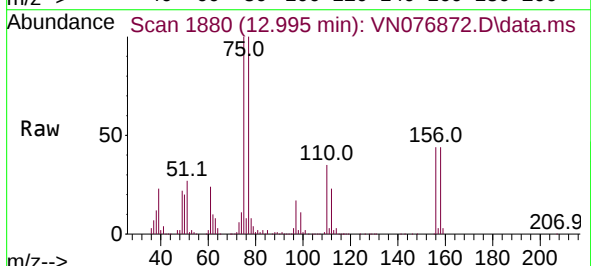
Acq: 07 Mar 2023 17:04

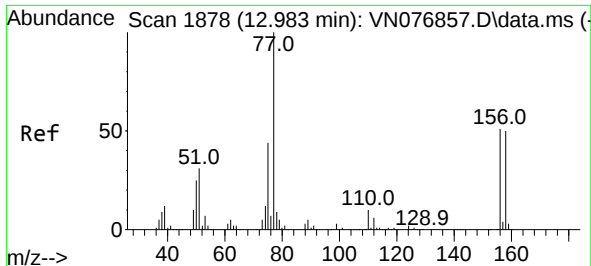
Tgt Ion: 75 Resp: 439243

Ion Ratio Lower Upper

75 100

77 192.5 93.8 281.4





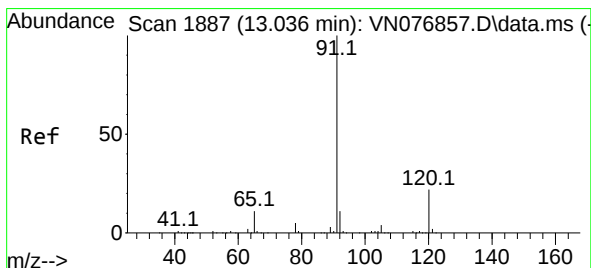
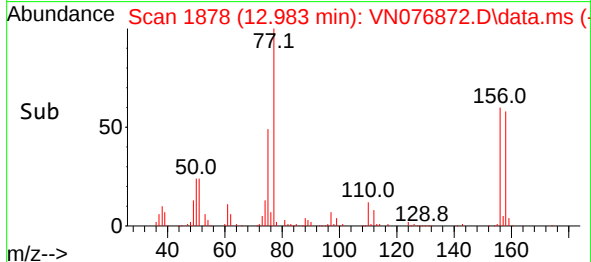
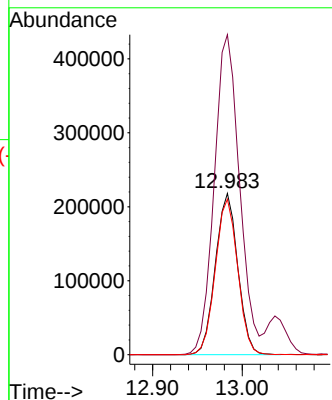
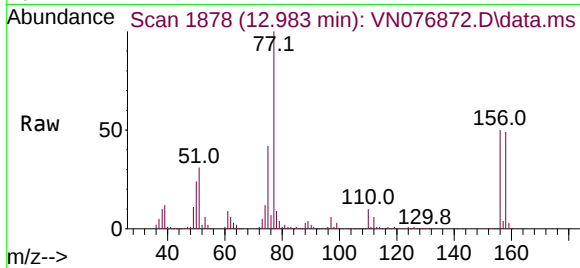
#77
Bromobenzene
Concen: 53.185 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 377609
Ion Ratio Lower Upper
156 100
77 223.9 101.3 303.7
158 96.4 48.9 146.7

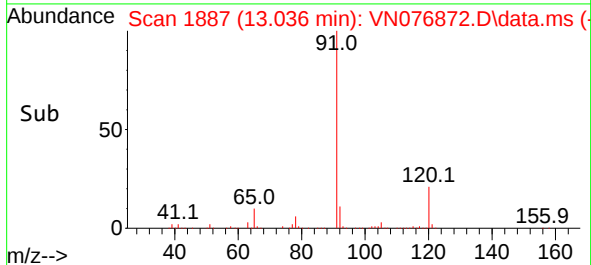
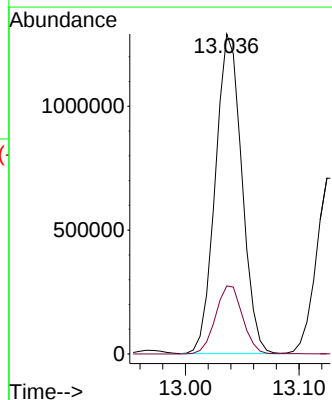
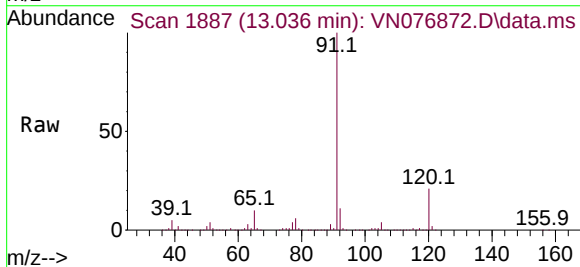
Manual Integrations
APPROVED

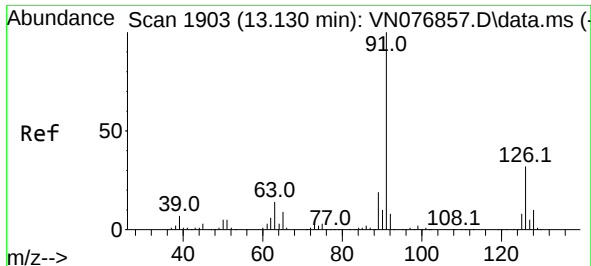
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#78
n-propylbenzene
Concen: 57.176 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Tgt Ion: 91 Resp: 2091944
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.7





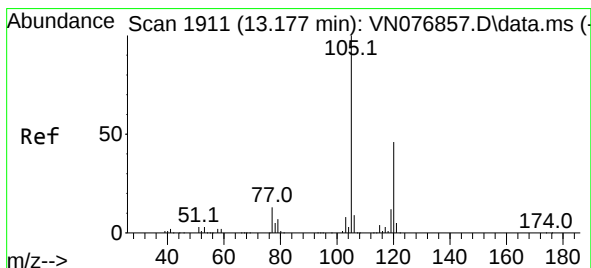
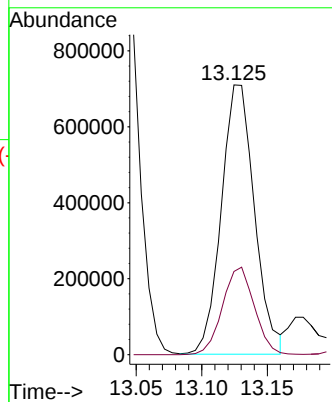
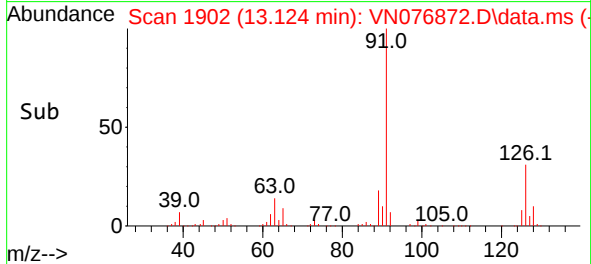
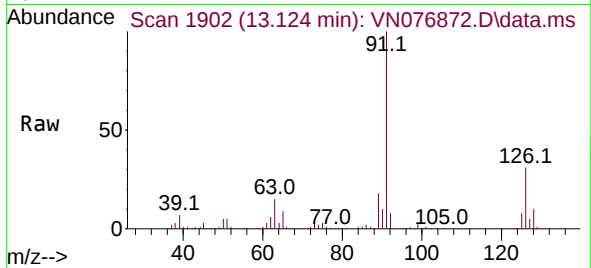
#79
2-Chlorotoluene
Concen: 53.185 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1248270
Ion Ratio Lower Upper
91 100
126 31.2 17.7 53.1

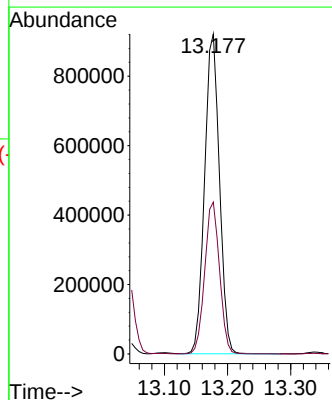
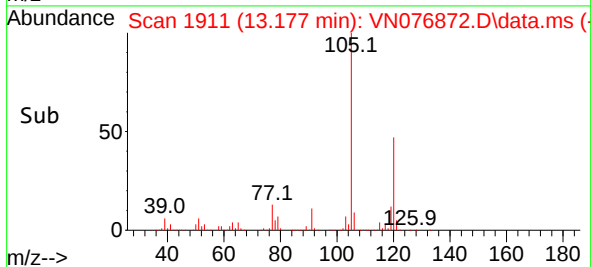
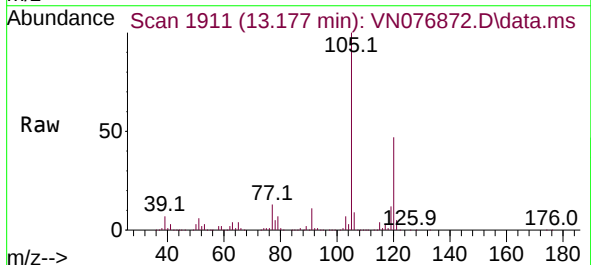
Manual Integrations
APPROVED

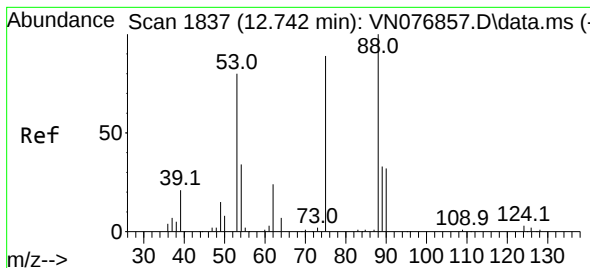
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 55.898 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

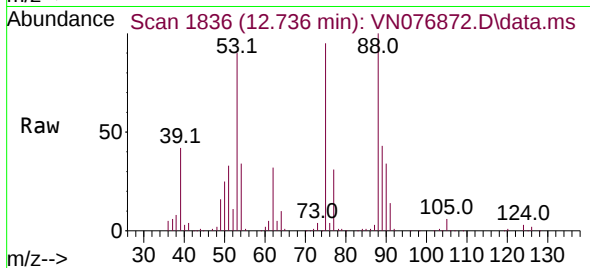
Tgt Ion:105 Resp: 1503109
Ion Ratio Lower Upper
105 100
120 47.3 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 61.907 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

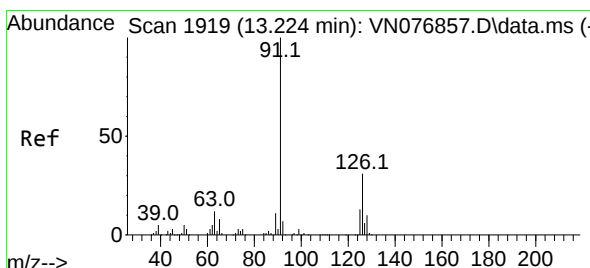
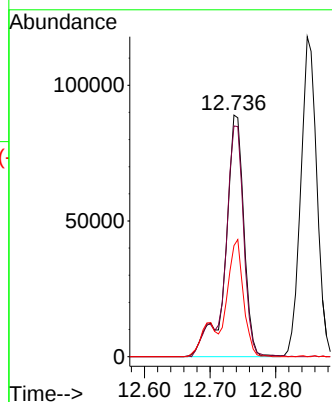
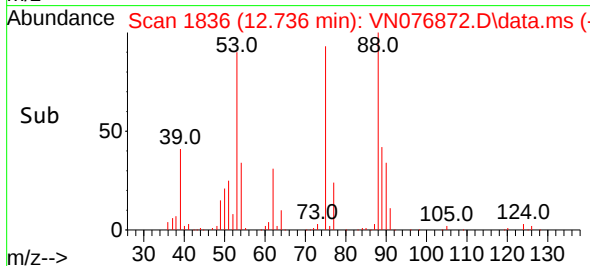
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 174249
Ion Ratio Lower Upper
75 100
53 96.4 67.4 101.0
89 41.1 39.5 59.3

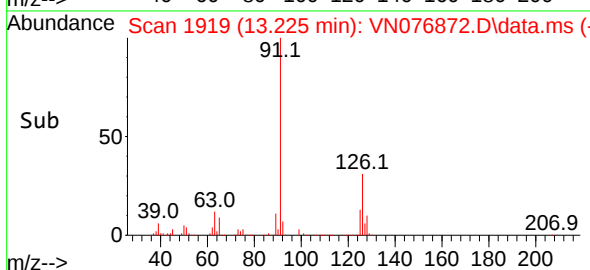
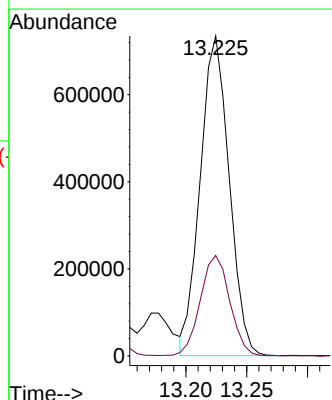
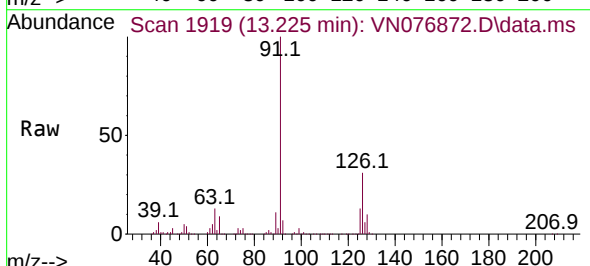
Manual Integrations
APPROVED

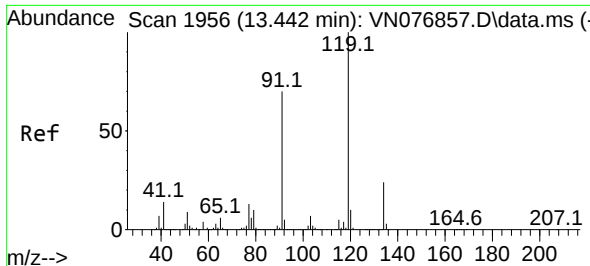
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#82
4-Chlorotoluene
Concen: 54.621 ug/l
RT: 13.225 min Scan# 1919
Delta R.T. 0.001 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

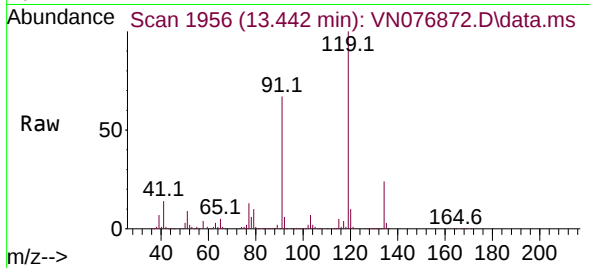
Tgt Ion: 91 Resp: 1215346
Ion Ratio Lower Upper
91 100
126 32.2 18.0 54.0





#83
tert-Butylbenzene
Concen: 54.725 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

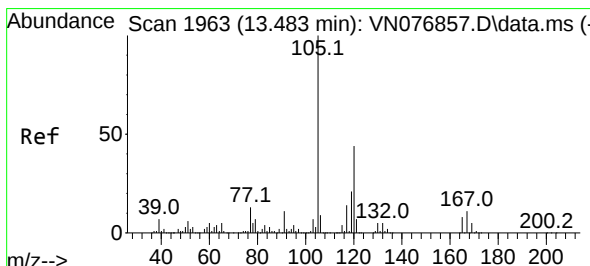
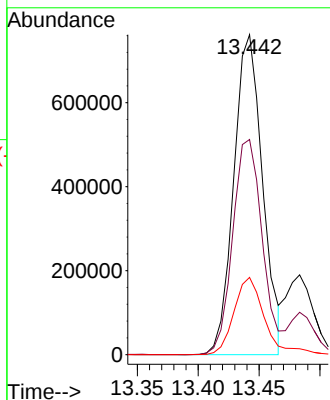
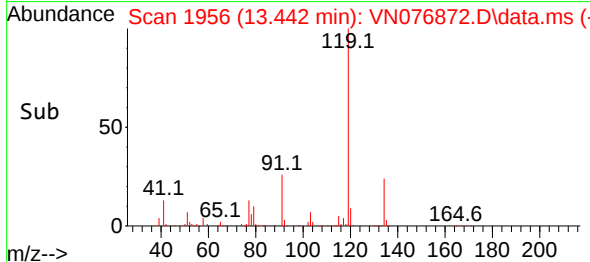
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



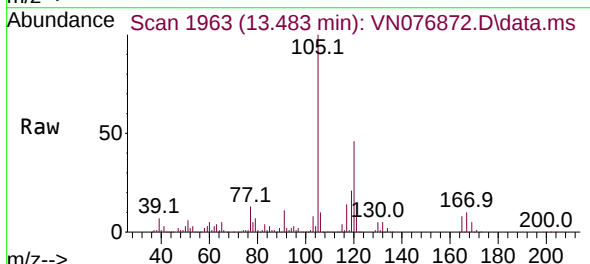
Tgt Ion:119 Resp: 125751
Ion Ratio Lower Upper
119 100
91 70.0 31.9 95.5
134 25.7 13.8 41.4

Manual Integrations
APPROVED

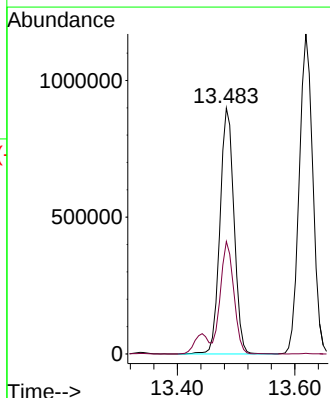
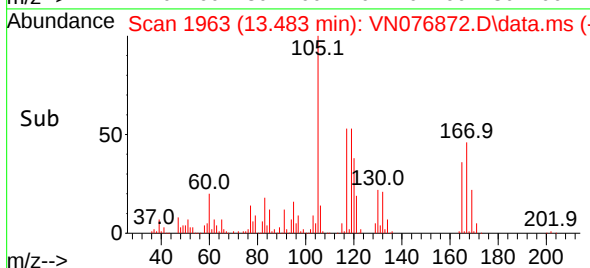
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

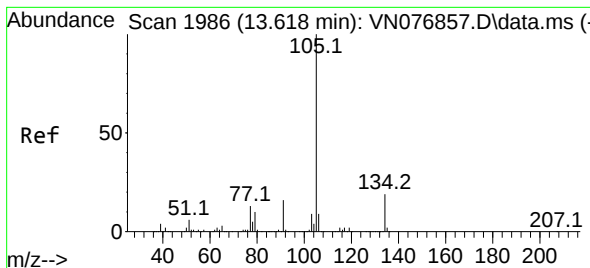


#84
1,2,4-Trimethylbenzene
Concen: 56.134 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04



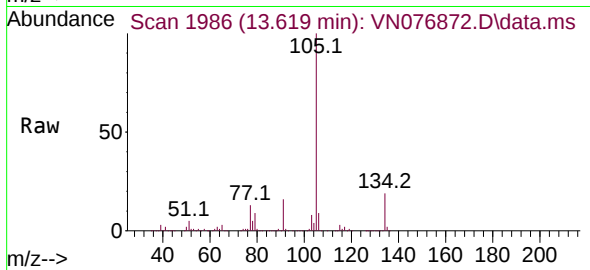
Tgt Ion:105 Resp: 1488957
Ion Ratio Lower Upper
105 100
120 43.4 23.6 70.8





#85
 sec-Butylbenzene
 Concen: 58.388 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN076872.D
 Acq: 07 Mar 2023 17:04

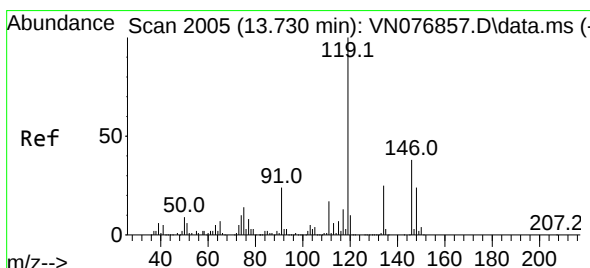
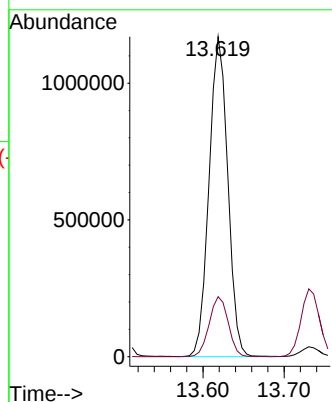
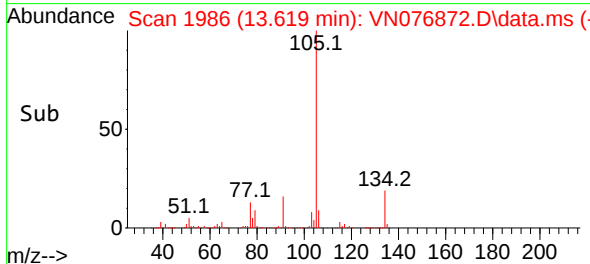
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



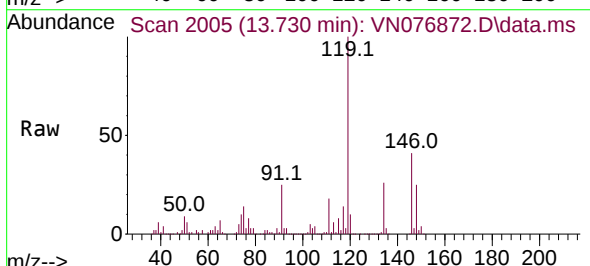
Tgt Ion:105 Resp: 187321
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.2

Manual Integrations
 APPROVED

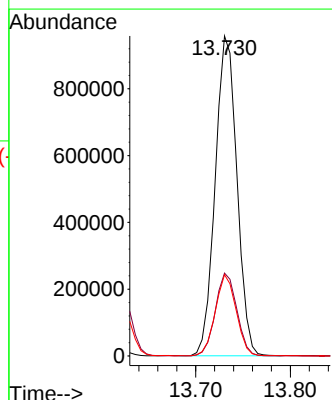
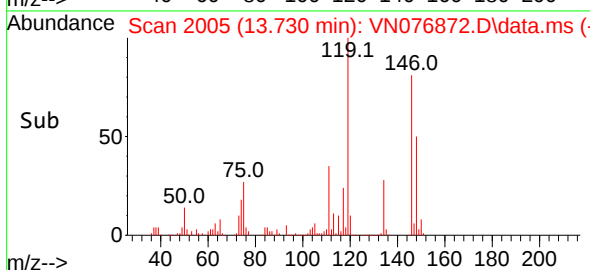
Reviewed By :John Carlone 03/08/2023
 Supervised By :Mahesh Dadoda 03/08/2023

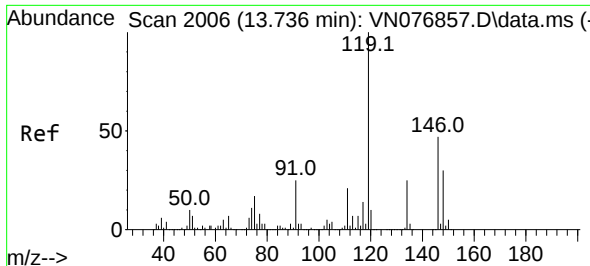


#86
 p-Isopropyltoluene
 Concen: 59.485 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076872.D
 Acq: 07 Mar 2023 17:04



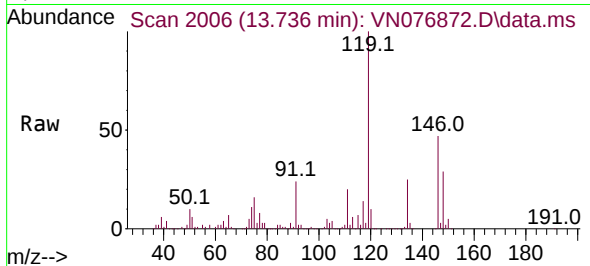
Tgt Ion:119 Resp: 1526416
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.5 40.5
 91 24.4 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 54.733 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

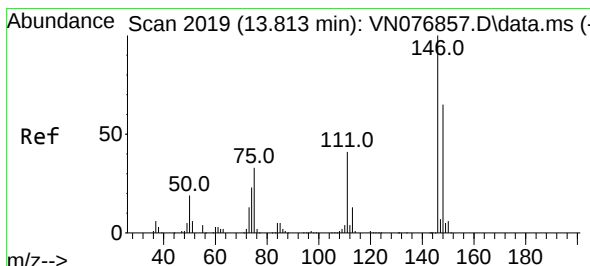
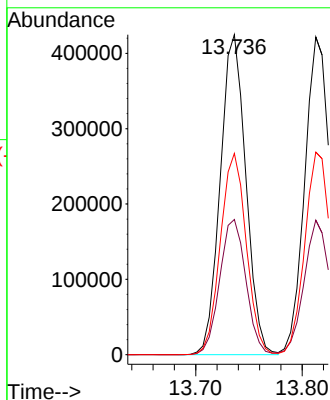
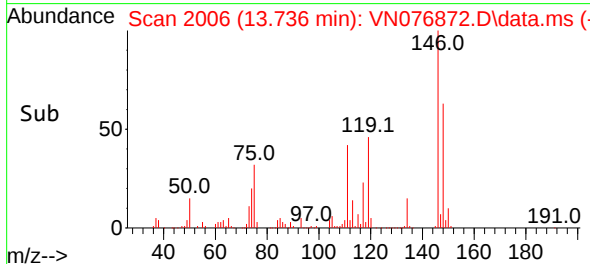
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 709549
Ion Ratio Lower Upper
146 100
111 43.2 20.4 61.2
148 63.6 31.5 94.5

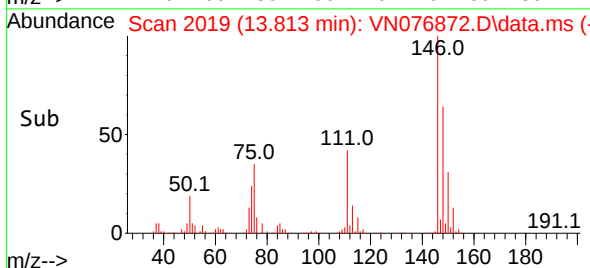
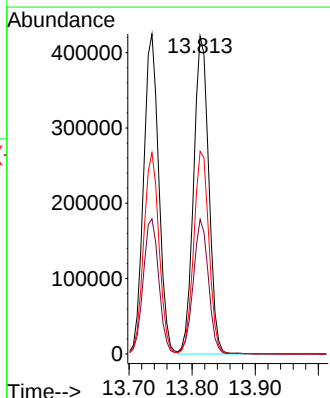
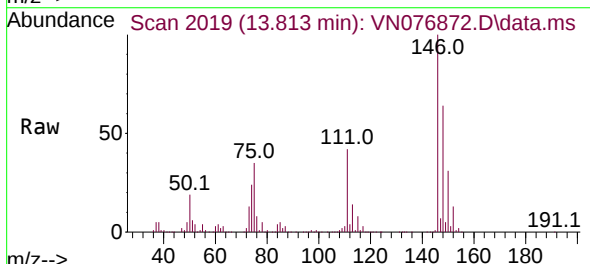
Manual Integrations
APPROVED

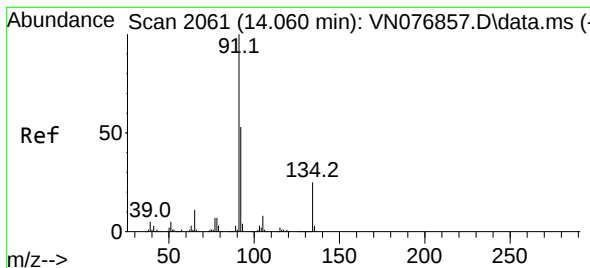
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#88
1,4-Dichlorobenzene
Concen: 53.363 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

Tgt Ion:146 Resp: 702420
Ion Ratio Lower Upper
146 100
111 42.6 20.0 60.0
148 64.3 31.8 95.4





#89

n-Butylbenzene

Concen: 60.786 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN076872.D

Acq: 07 Mar 2023 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 134754

Ion Ratio Lower Upper

91 100

92 54.1 26.6 79.7

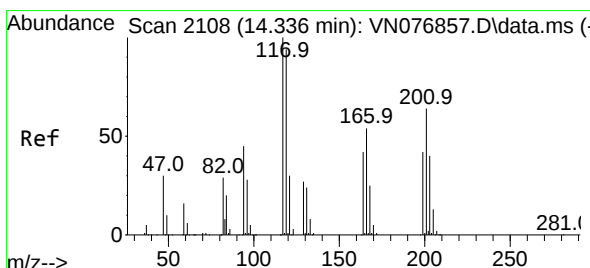
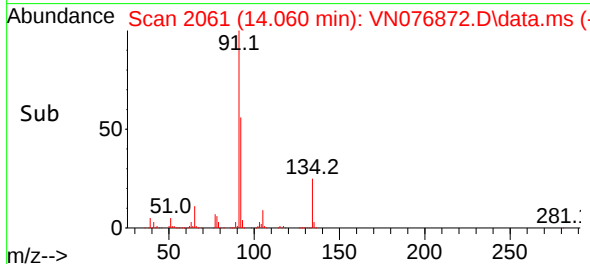
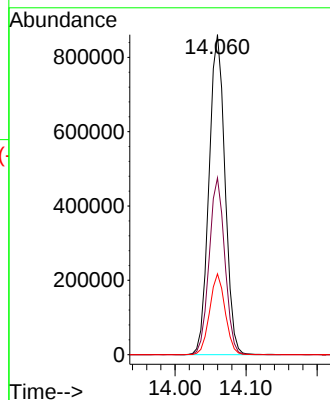
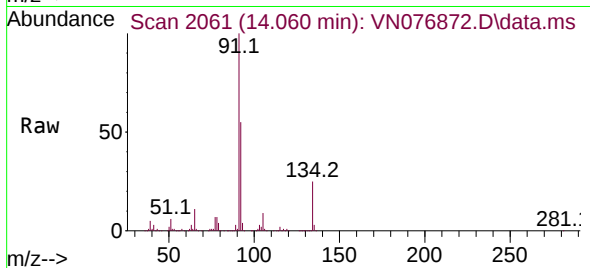
134 24.5 13.6 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/08/2023

Supervised By :Mahesh Dadoda 03/08/2023



#90

Hexachloroethane

Concen: 55.432 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN076872.D

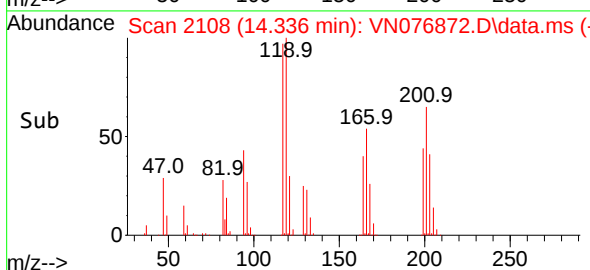
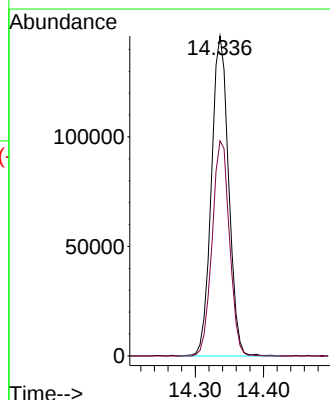
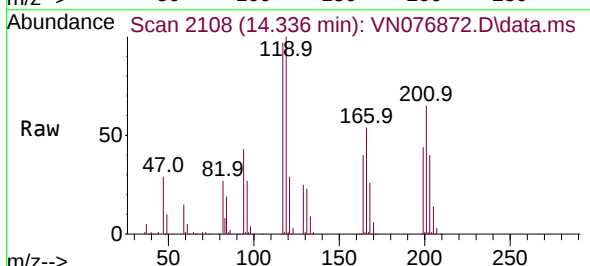
Acq: 07 Mar 2023 17:04

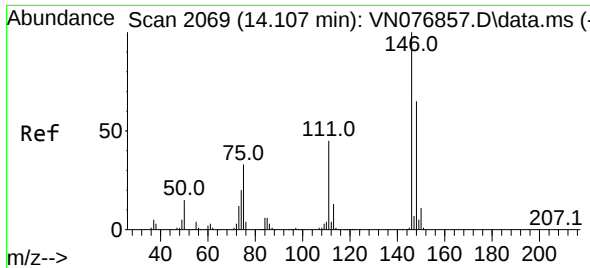
Tgt Ion:117 Resp: 257000

Ion Ratio Lower Upper

117 100

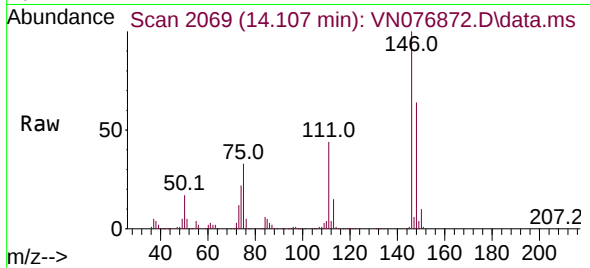
201 67.5 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 53.453 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

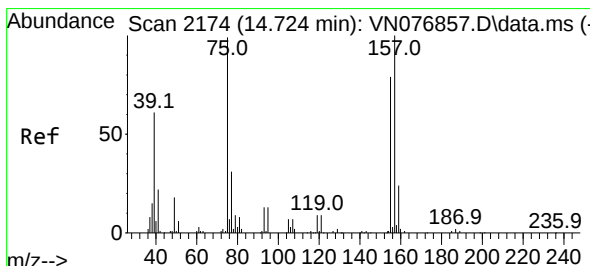
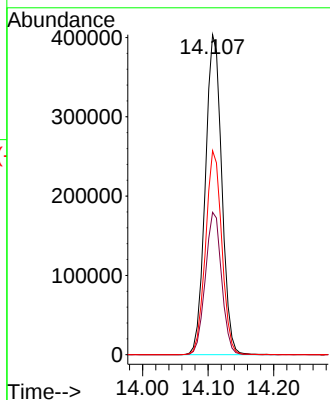
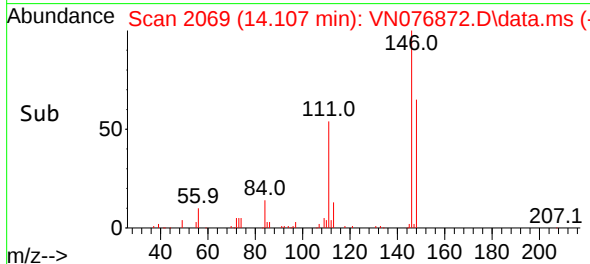
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 701928
Ion Ratio Lower Upper
146 100
111 44.0 21.4 64.2
148 63.1 32.0 96.0

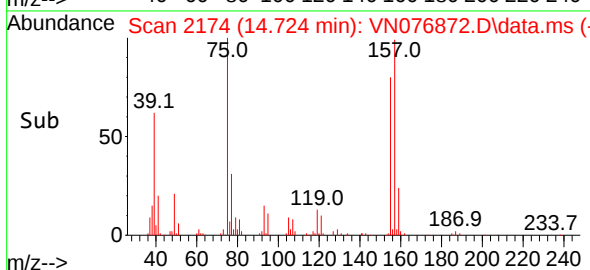
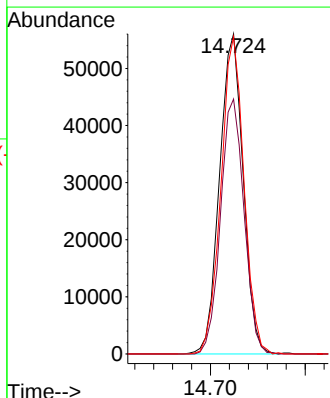
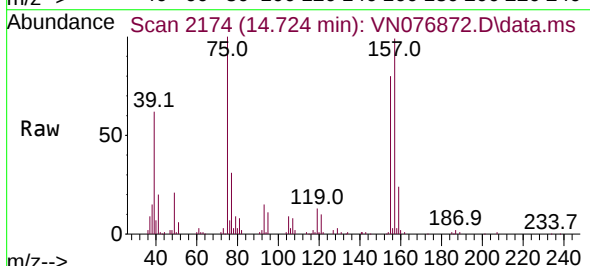
Manual Integrations
APPROVED

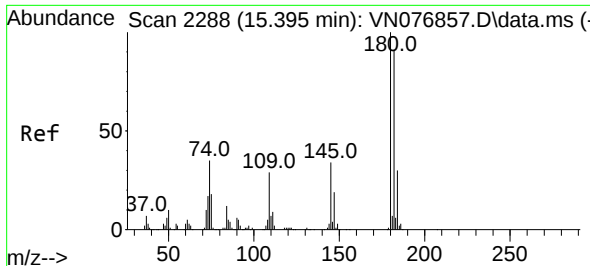
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.584 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

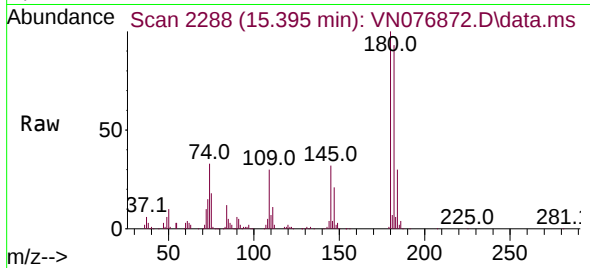
Tgt Ion: 75 Resp: 96608
Ion Ratio Lower Upper
75 100
155 79.5 44.3 132.8
157 97.0 58.3 174.8





#93
1,2,4-Trichlorobenzene
Concen: 60.546 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

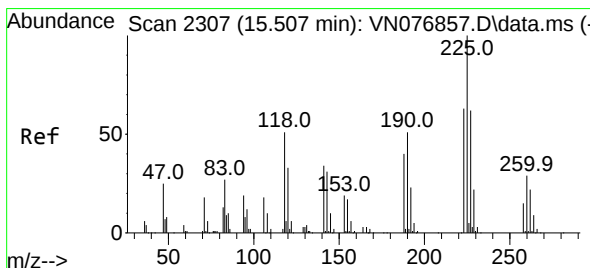
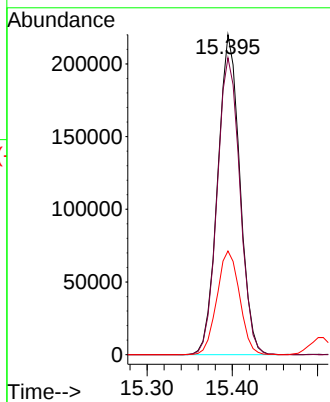
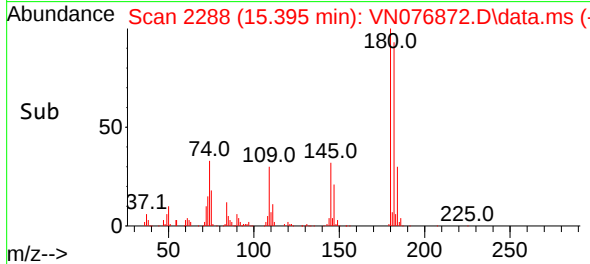
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



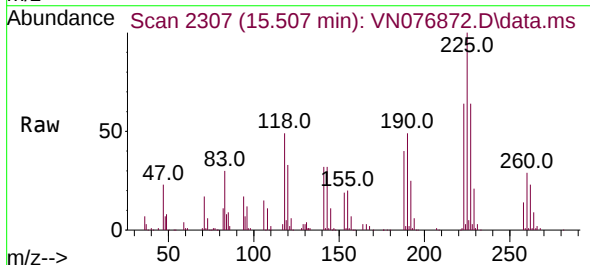
Tgt Ion:180 Resp: 397752
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 33.3 15.8 47.3

Manual Integrations
APPROVED

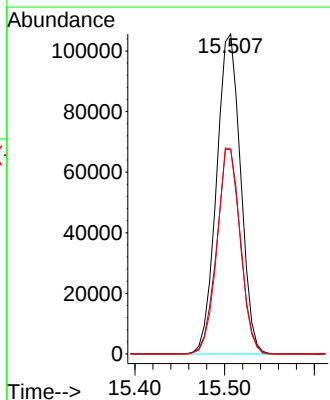
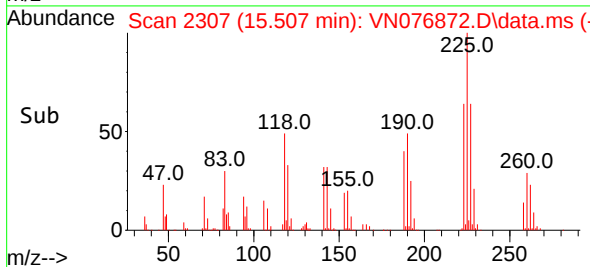
Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023

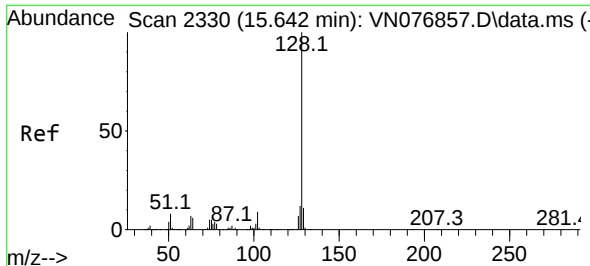


#94
Hexachlorobutadiene
Concen: 57.472 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04



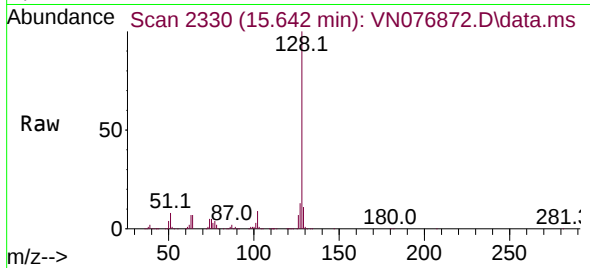
Tgt Ion:225 Resp: 196586
Ion Ratio Lower Upper
225 100
223 63.3 31.4 94.0
227 62.2 30.9 92.7





#95
Naphthalene
Concen: 60.117 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04

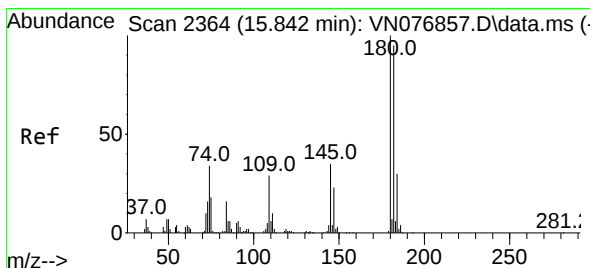
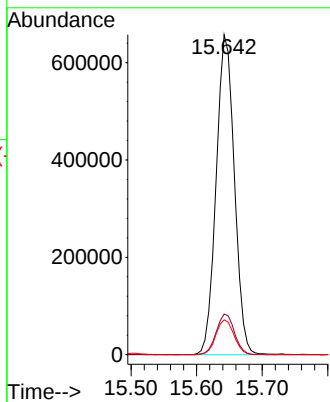
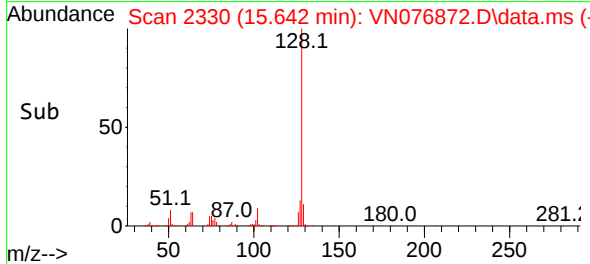
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



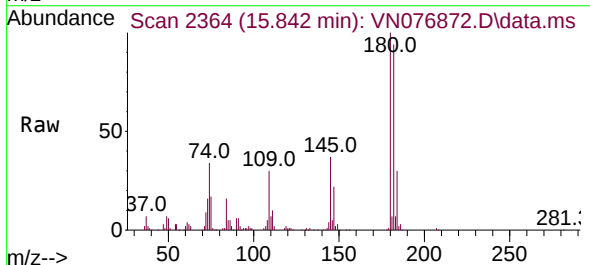
Tgt Ion:128 Resp: 126503
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/08/2023
Supervised By :Mahesh Dadoda 03/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 58.695 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076872.D
Acq: 07 Mar 2023 17:04



Tgt Ion:180 Resp: 378993
Ion Ratio Lower Upper
180 100
182 94.9 47.7 143.1
145 35.9 17.0 51.0

