

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076102.D
 Acq On : 05 Jan 2023 10:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2023
 Supervised By : Mahesh Dadoda 01/07/2023

Quant Time: Jan 05 23:40:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	333137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	525755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	482074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	173517	47.877	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.760%		
35) Dibromofluoromethane	8.171	113	161031	49.458	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.920%		
50) Toluene-d8	10.571	98	596682	49.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.020%		
62) 4-Bromofluorobenzene	12.853	95	209783	52.029	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.060%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	149243	63.095	ug/l	94
3) Chloromethane	2.371	50	149724	50.904	ug/l	99
4) Vinyl Chloride	2.524	62	181439	51.713	ug/l	96
5) Bromomethane	2.942	94	143433	48.103	ug/l	94
6) Chloroethane	3.118	64	125613	48.346	ug/l	98
7) Trichlorofluoromethane	3.501	101	259450	48.733	ug/l	95
8) Diethyl Ether	3.971	74	94167	48.427	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	147896	48.650	ug/l	98
10) Methyl Iodide	4.595	142	235082	47.649	ug/l	99
11) Tert butyl alcohol	5.536	59	115406	225.041	ug/l	99
12) 1,1-Dichloroethene	4.348	96	140991	47.752	ug/l	98
13) Acrolein	4.195	56	129711	206.315	ug/l	100
14) Allyl chloride	5.036	41	175171m	50.752	ug/l	
15) Acrylonitrile	5.730	53	321181	229.503	ug/l	99
16) Acetone	4.442	43	322583	258.203	ug/l	100
17) Carbon Disulfide	4.724	76	332147	46.463	ug/l #	95
18) Methyl Acetate	5.042	43	173798	47.062	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	482587	49.634	ug/l	96
20) Methylene Chloride	5.289	84	165578	49.537	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	151627	46.892	ug/l	96
22) Diisopropyl ether	6.683	45	400162	47.726	ug/l	98
23) Vinyl Acetate	6.612	43	1348367	238.925	ug/l	100
24) 1,1-Dichloroethane	6.583	63	262663	46.972	ug/l	99
25) 2-Butanone	7.489	43	428968	245.222	ug/l	98
26) 2,2-Dichloropropane	7.500	77	228573	48.268	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	183890	47.551	ug/l	99
28) Bromochloromethane	7.824	49	98995	40.391	ug/l	99
29) Tetrahydrofuran	7.847	42	264022	240.843	ug/l	100
30) Chloroform	7.971	83	288714	45.857	ug/l	95
31) Cyclohexane	8.265	56	225326	43.411	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	265937	47.645	ug/l	97
36) 1,1-Dichloropropene	8.377	75	210034	48.561	ug/l	98
37) Ethyl Acetate	7.571	43	163633	47.100	ug/l	97
38) Carbon Tetrachloride	8.371	117	238079	49.181	ug/l	96
39) Methylcyclohexane	9.606	83	274036	52.517	ug/l	98
40) Benzene	8.612	78	642425	48.141	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	87434	48.417	ug/l	94
42) 1,2-Dichloroethane	8.677	62	215430	48.558	ug/l	99
43) Isopropyl Acetate	8.694	43	285094	49.747	ug/l	99
44) Trichloroethene	9.359	130	176447	46.934	ug/l	95
45) 1,2-Dichloropropane	9.630	63	154606	47.610	ug/l	99
46) Dibromomethane	9.712	93	115989	48.157	ug/l	98
47) Bromodichloromethane	9.888	83	230422	48.784	ug/l	100
48) Methyl methacrylate	9.683	41	131139	50.806	ug/l	97
49) 1,4-Dioxane	9.700	88	63686	1003.625	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	858491	247.703	ug/l	100
52) Toluene	10.635	92	433484	49.877	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	240060	51.921	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	262943	51.797	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	169126	49.579	ug/l	98
56) Ethyl methacrylate	10.877	69	235198	51.908	ug/l	98
57) 1,3-Dichloropropane	11.165	76	271663	48.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	360641	249.991	ug/l	99
59) 2-Hexanone	11.200	43	655010	259.153	ug/l	100
60) Dibromochloromethane	11.359	129	188783	49.763	ug/l	99
61) 1,2-Dibromoethane	11.471	107	171172	49.585	ug/l	100
64) Tetrachloroethene	11.106	164	175265	51.666	ug/l	97
65) Chlorobenzene	11.894	112	464062	46.901	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	176777	48.235	ug/l	100
67) Ethyl Benzene	11.965	91	830494	49.732	ug/l	98
68) m/p-Xylenes	12.077	106	667193	100.943	ug/l	97
69) o-Xylene	12.400	106	325681	49.792	ug/l	98
70) Styrene	12.412	104	539253	51.851	ug/l	99
71) Bromoform	12.582	173	135300	50.736	ug/l #	99
73) Isopropylbenzene	12.700	105	839511	48.633	ug/l	99
74) N-amyl acetate	12.500	43	255248	50.403	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	239285	44.840	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	203166m	42.193	ug/l	
77) Bromobenzene	12.982	156	206641	47.301	ug/l	96
78) n-propylbenzene	13.041	91	955978	50.211	ug/l	99
79) 2-Chlorotoluene	13.129	91	559404	47.068	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	716344	49.582	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	68991	51.573	ug/l	100
82) 4-Chlorotoluene	13.129	91	559404	47.068	ug/l	100
83) tert-Butylbenzene	13.441	119	659836	51.800	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	728934	50.859	ug/l	99
85) sec-Butylbenzene	13.618	105	910005	51.759	ug/l	99
86) p-Isopropyltoluene	13.729	119	779611	53.290	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	392105	48.589	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	386977	46.941	ug/l	100
89) n-Butylbenzene	14.059	91	641006	54.085	ug/l	100
90) Hexachloroethane	14.335	117	134015	51.211	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	388142	48.831	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44106	46.579	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	204164	51.881	ug/l	99
94) Hexachlorobutadiene	15.506	225	107743	50.183	ug/l	99
95) Naphthalene	15.647	128	578186	44.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	194877	52.984	ug/l	98

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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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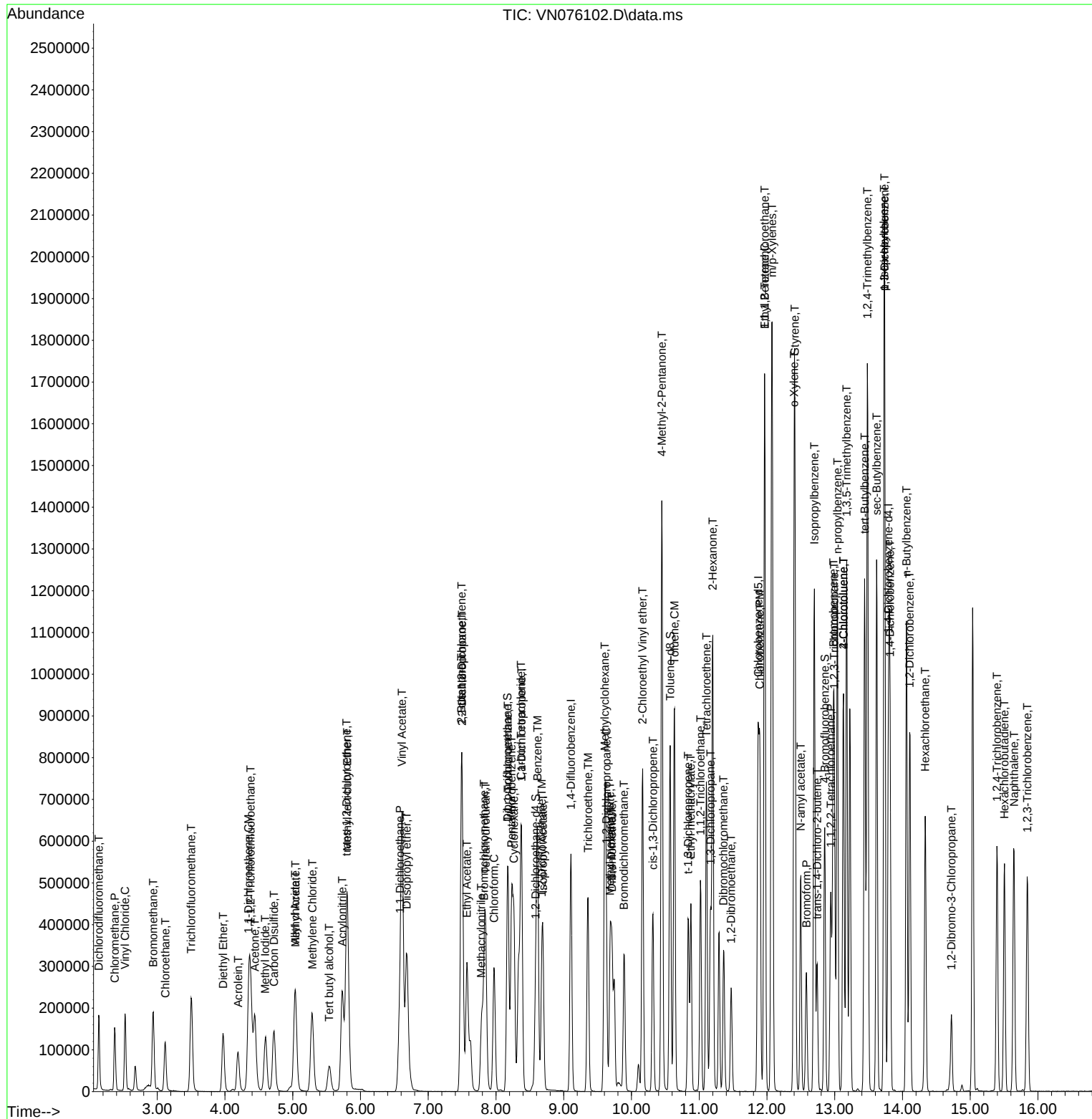
Manual Integrations

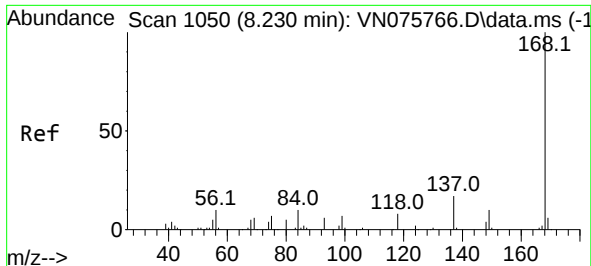
APPROVED

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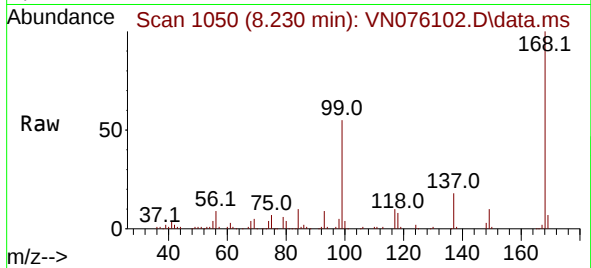
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076102.D
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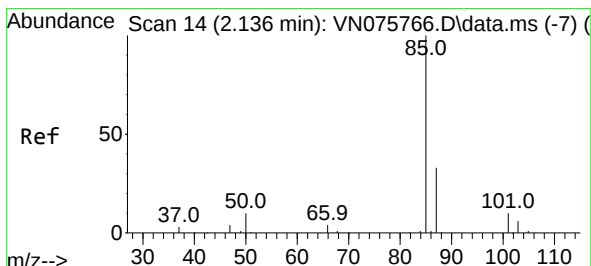
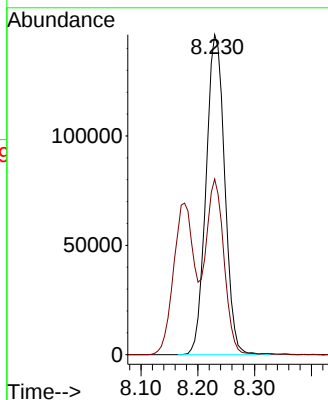
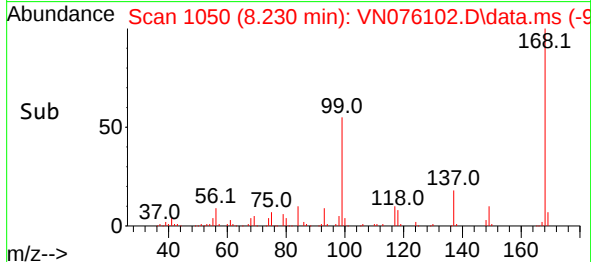
Instrument :
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VSTDCCC050



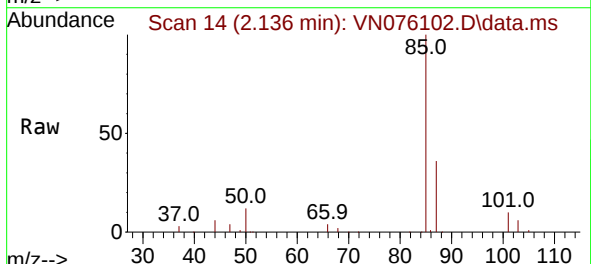
Tgt Ion:168 Resp: 33313
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4

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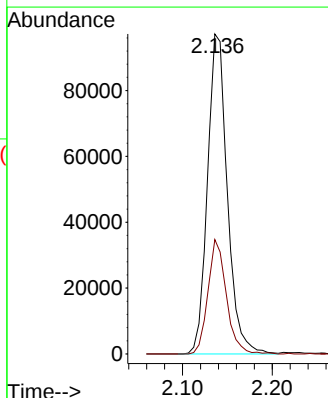
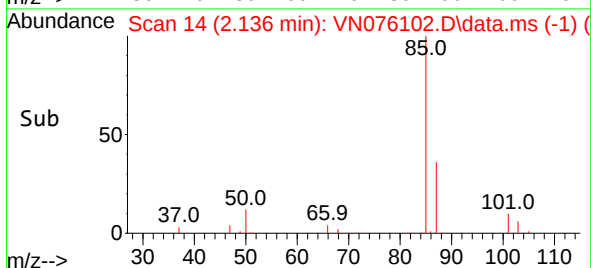
Reviewed By :John Carlone 01/06/2023
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#2
Dichlorodifluoromethane
Concen: 63.095 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38



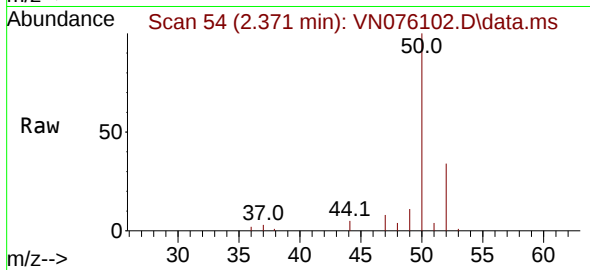
Tgt Ion: 85 Resp: 149243
Ion Ratio Lower Upper
85 100
87 35.8 16.3 48.9





#3
Chloromethane
Concen: 50.904 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

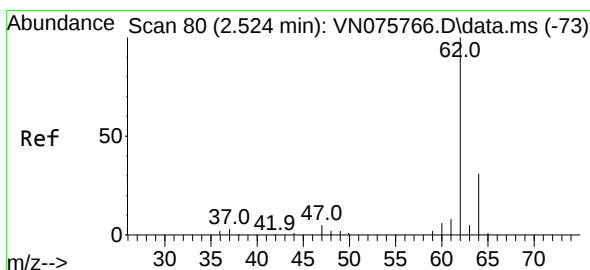
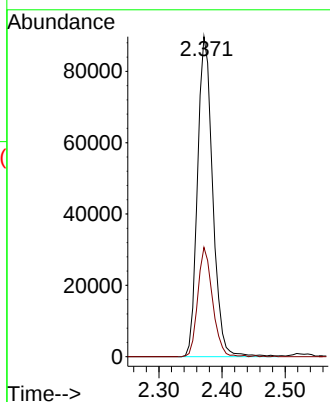
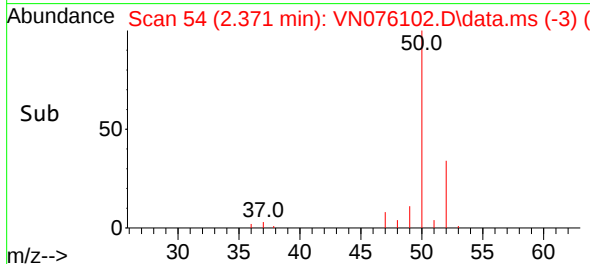
Instrument :
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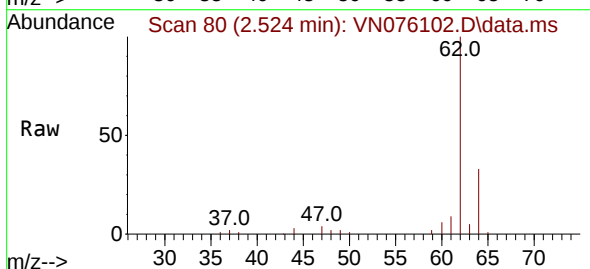
Tgt Ion: 50 Resp: 149724
Ion Ratio Lower Upper
50 100
52 34.2 27.7 41.5

Manual Integrations
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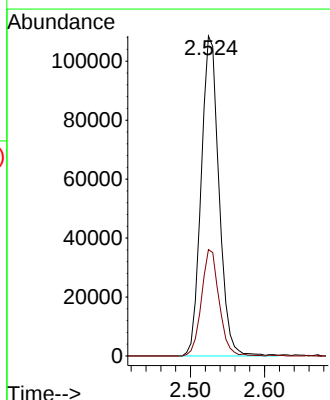
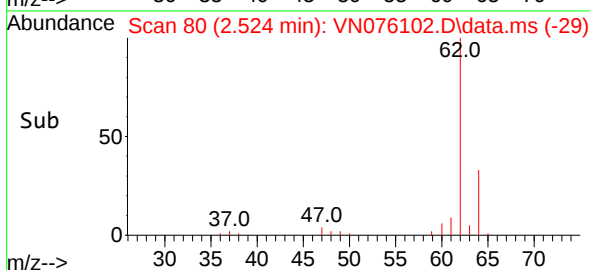
Reviewed By :John Carlone 01/06/2023
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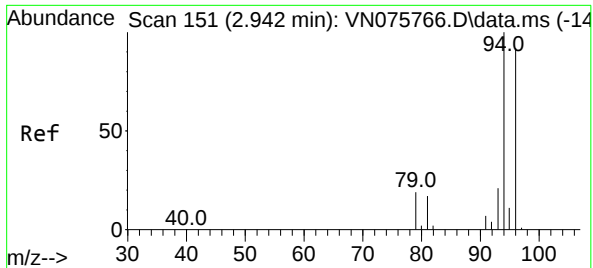


#4
Vinyl Chloride
Concen: 51.713 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38



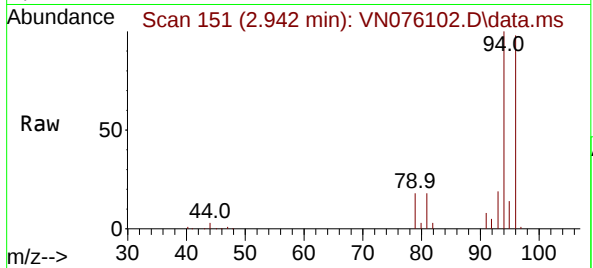
Tgt Ion: 62 Resp: 181439
Ion Ratio Lower Upper
62 100
64 33.2 24.9 37.3





#5
Bromomethane
Concen: 48.103 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

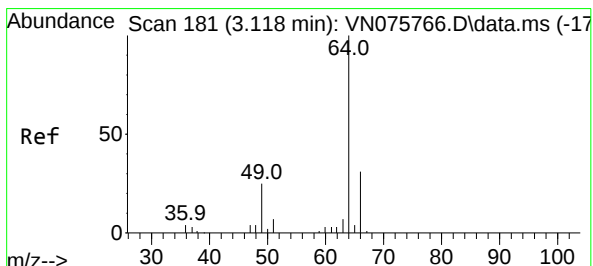
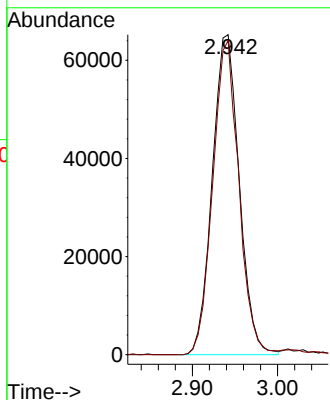
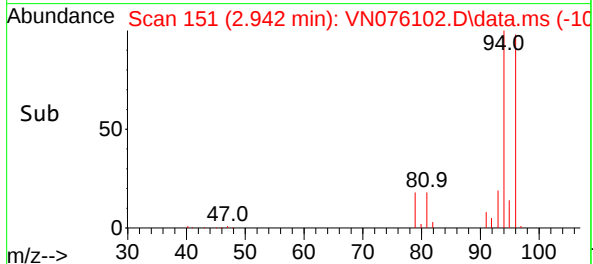
Instrument :
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Tgt Ion: 94 Resp: 14343
Ion Ratio Lower Upper
94 100
96 98.1 73.8 110.6

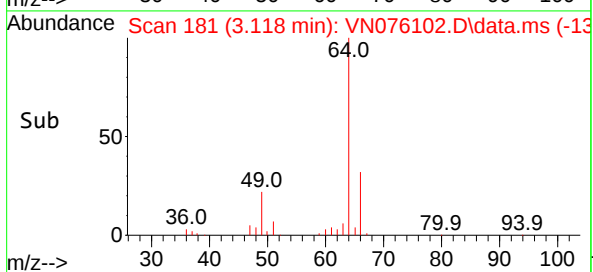
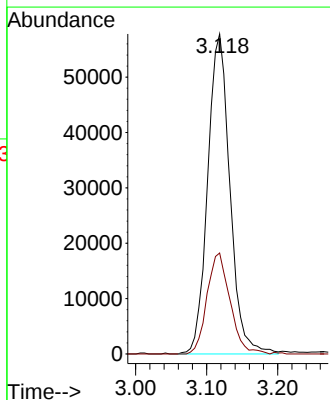
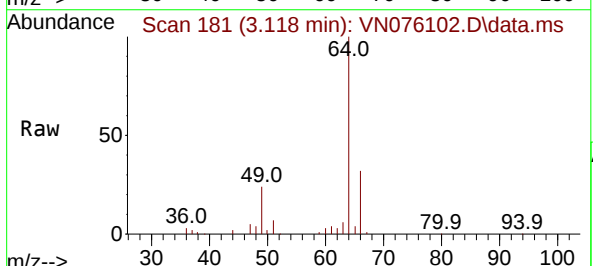
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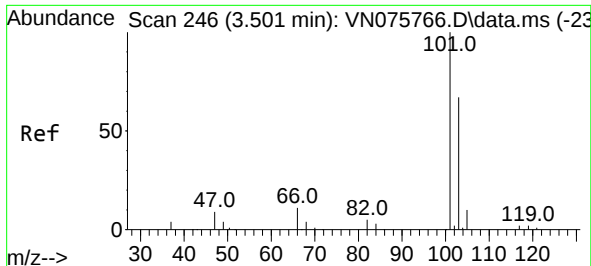
Reviewed By :John Carlone 01/06/2023
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#6
Chloroethane
Concen: 48.346 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

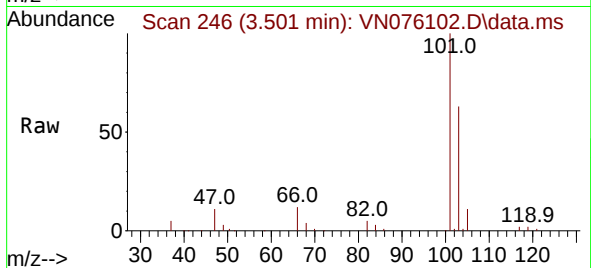
Tgt Ion: 64 Resp: 125613
Ion Ratio Lower Upper
64 100
66 31.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 48.733 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. 0.000 min
 Lab File: VN076102.D
 Acq: 05 Jan 2023 10:38

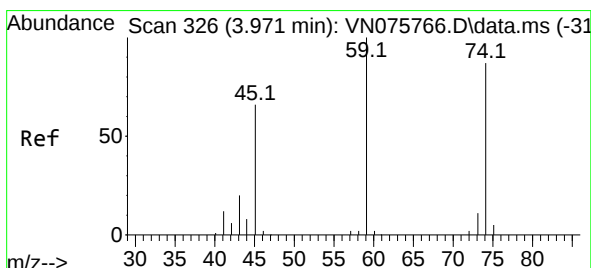
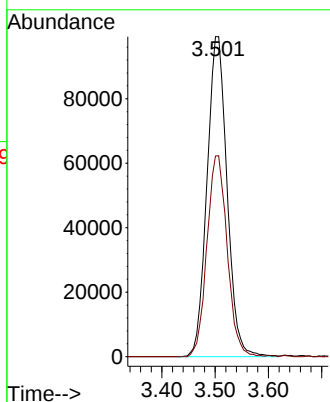
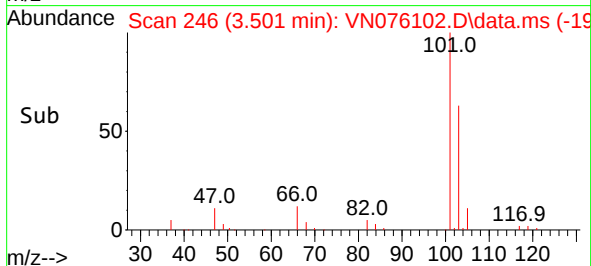
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 259450
 Ion Ratio Lower Upper
 101 100
 103 62.7 53.4 80.2

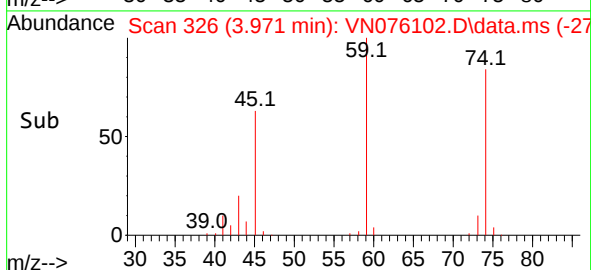
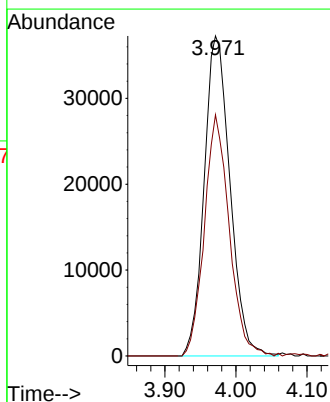
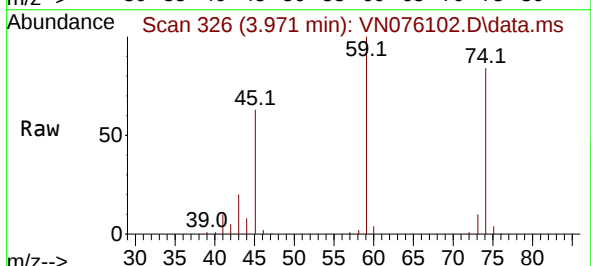
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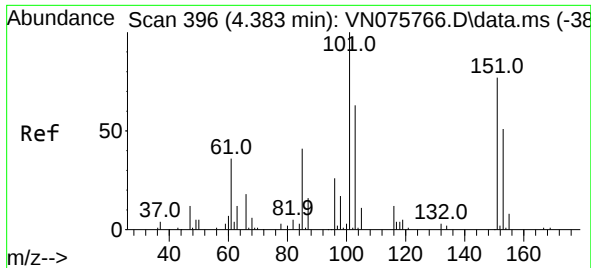
Reviewed By :John Carlone 01/06/2023
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#8
 Diethyl Ether
 Concen: 48.427 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN076102.D
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Tgt Ion: 74 Resp: 94167
 Ion Ratio Lower Upper
 74 100
 45 72.4 37.8 113.4





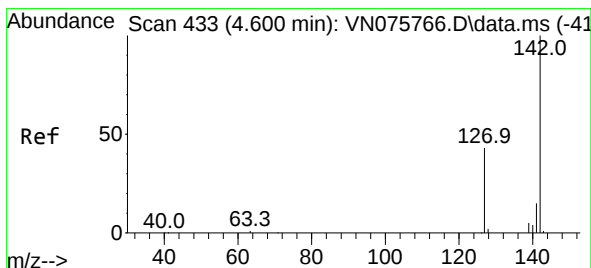
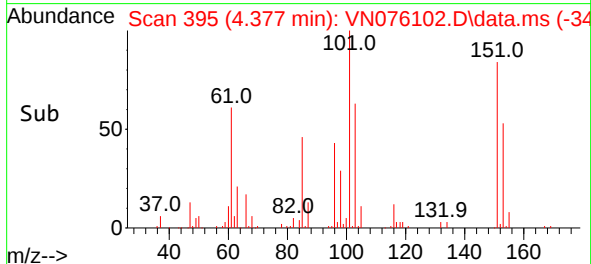
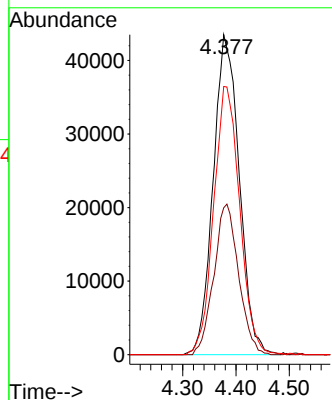
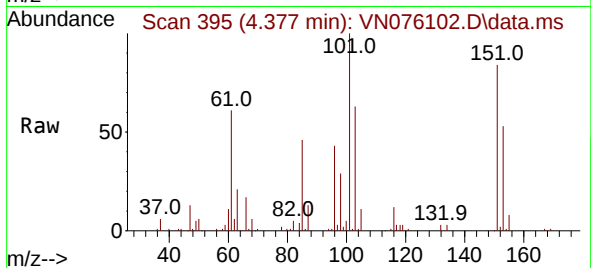
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.650 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 147890
Ion Ratio Lower Upper
101 100
85 44.8 35.3 52.9
151 83.8 65.6 98.4

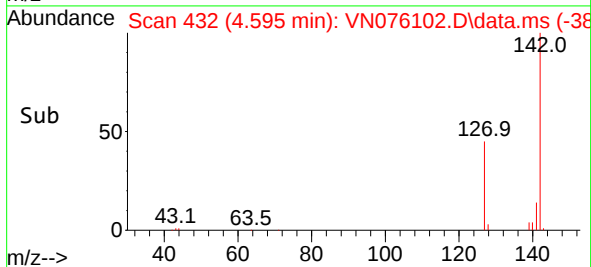
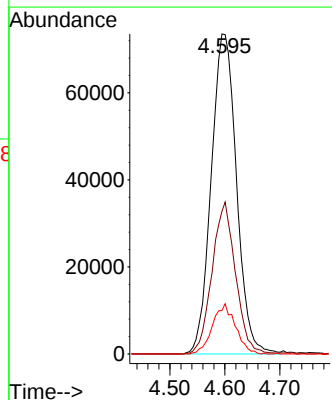
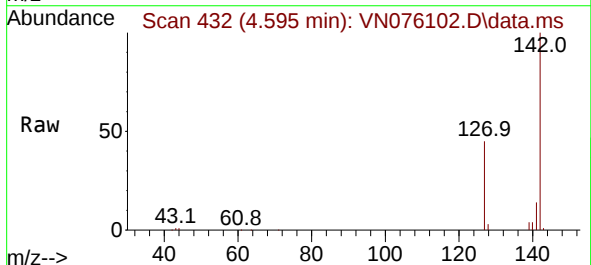
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#10
Methyl Iodide
Concen: 47.649 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

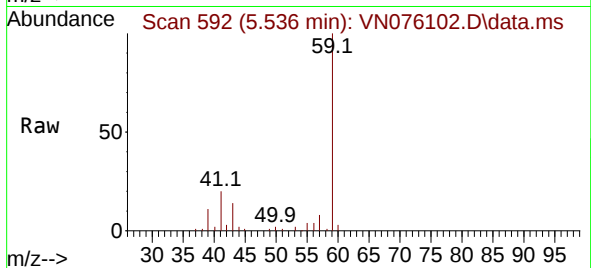
Tgt Ion:142 Resp: 235082
Ion Ratio Lower Upper
142 100
127 44.0 34.7 52.1
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 225.041 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

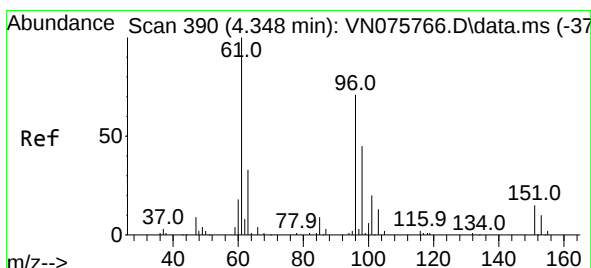
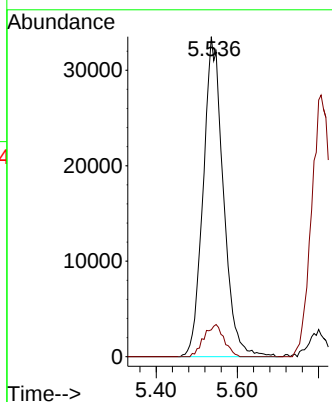
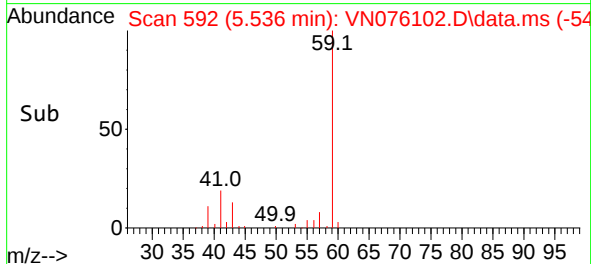
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



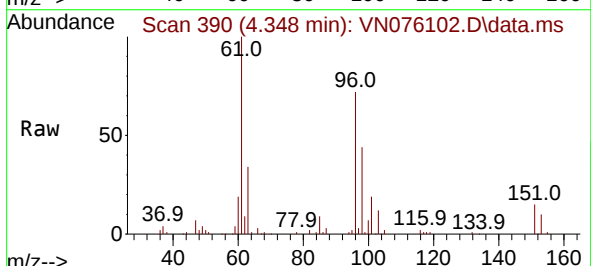
Tgt Ion: 59 Resp: 115400
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

Manual Integrations
APPROVED

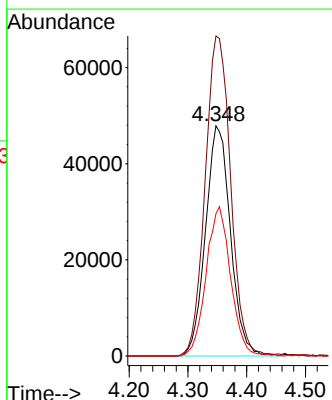
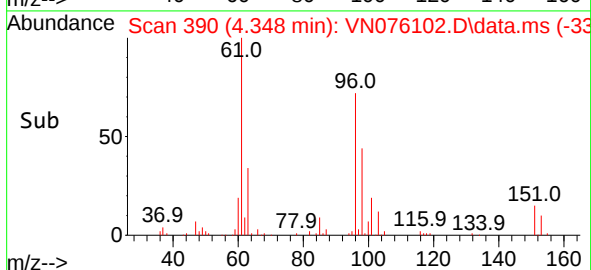
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023

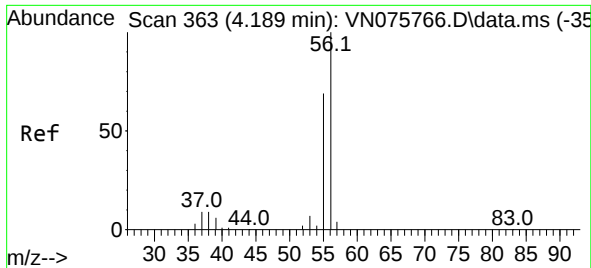


#12
1,1-Dichloroethene
Concen: 47.752 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38



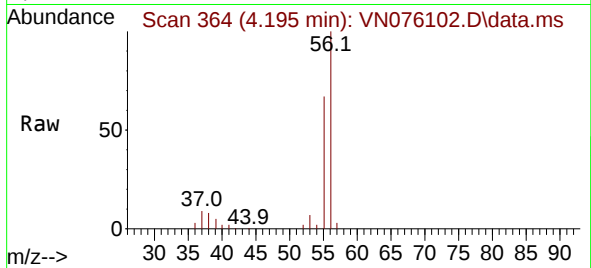
Tgt Ion: 96 Resp: 140991
Ion Ratio Lower Upper
96 100
61 139.1 113.3 169.9
98 61.8 50.9 76.3





#13
Acrolein
Concen: 206.315 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

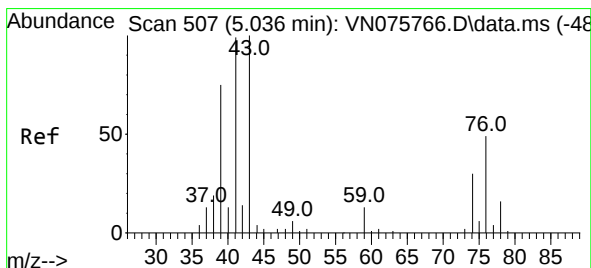
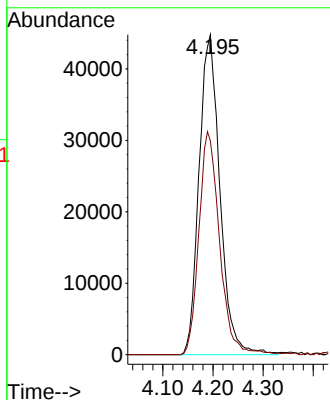
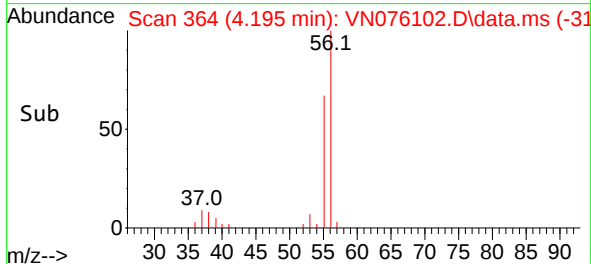
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 12971
Ion Ratio Lower Upper
56 100
55 68.9 54.8 82.2

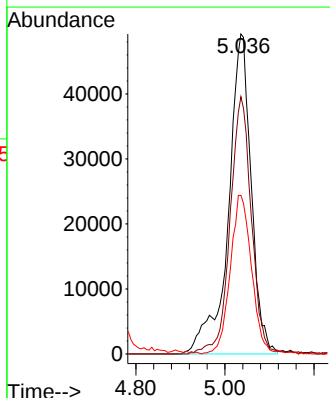
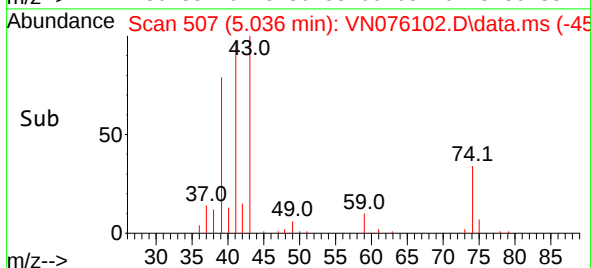
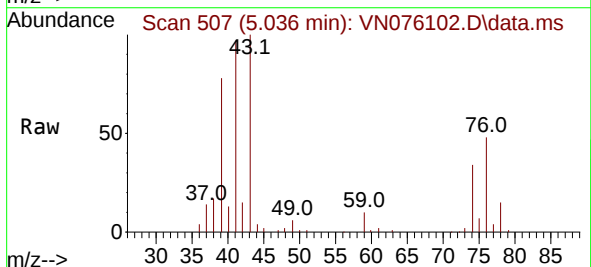
Manual Integrations
APPROVED

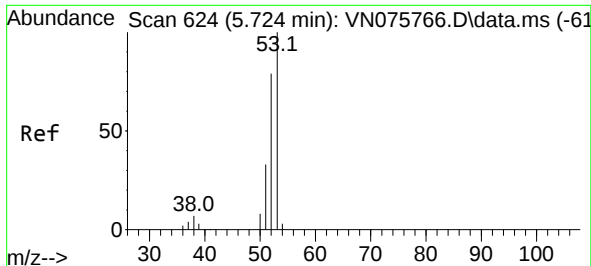
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#14
Allyl chloride
Concen: 50.752 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

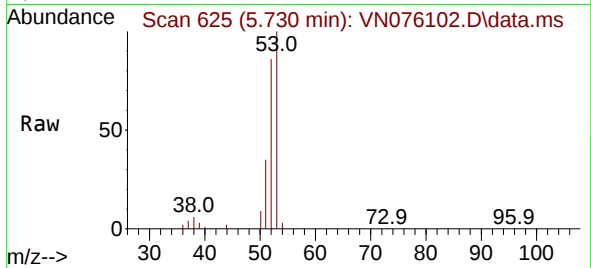
Tgt Ion: 41 Resp: 175171
Ion Ratio Lower Upper
41 100
39 74.9 58.3 87.5
76 46.0 35.8 53.6





#15
Acrylonitrile
Concen: 229.503 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

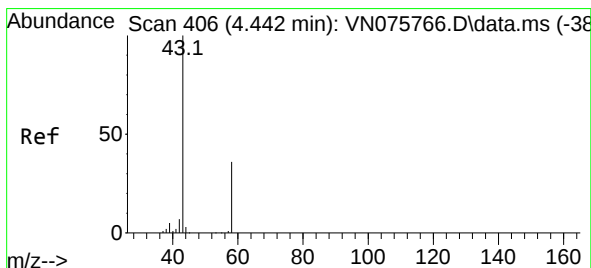
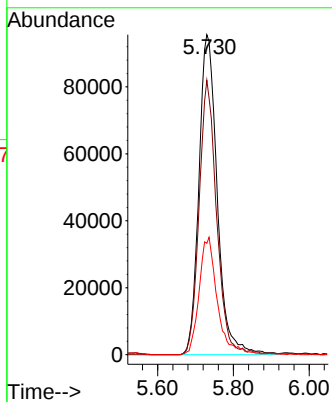
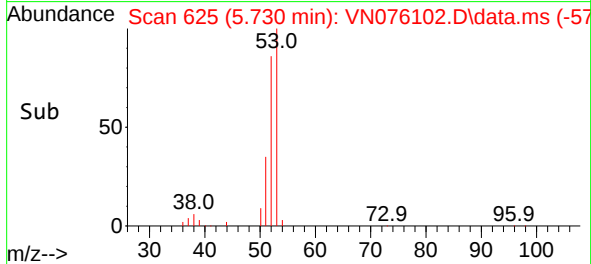
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 32118
Ion Ratio Lower Upper
53 100
52 81.1 65.4 98.0
51 36.5 28.9 43.3

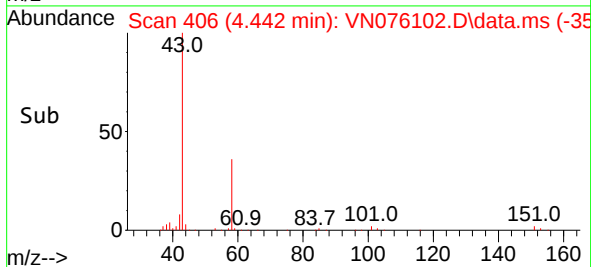
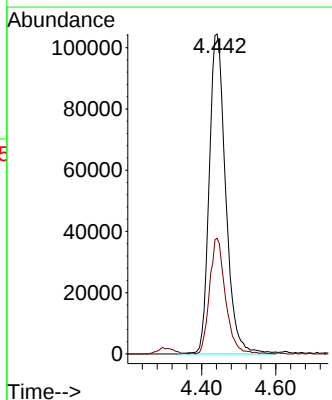
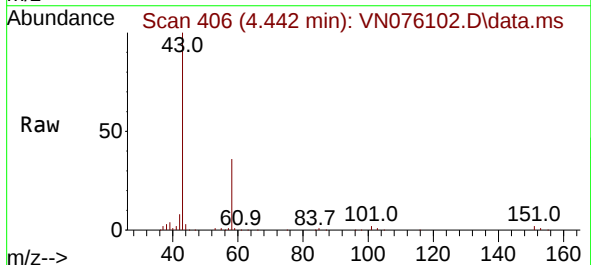
Manual Integrations
APPROVED

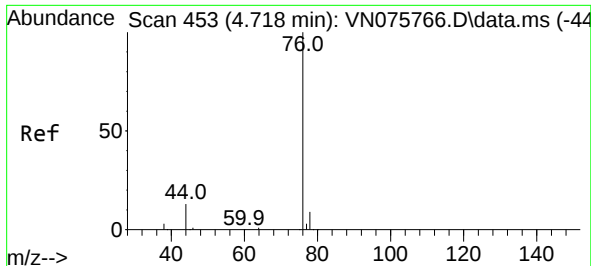
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#16
Acetone
Concen: 258.203 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Tgt Ion: 43 Resp: 322583
Ion Ratio Lower Upper
43 100
58 35.8 28.6 43.0





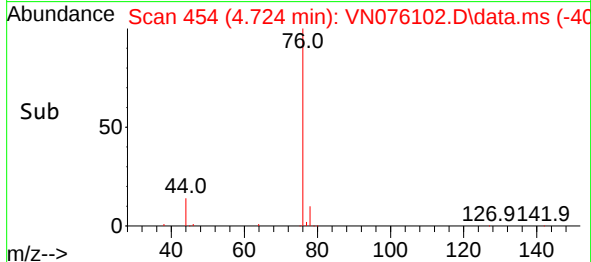
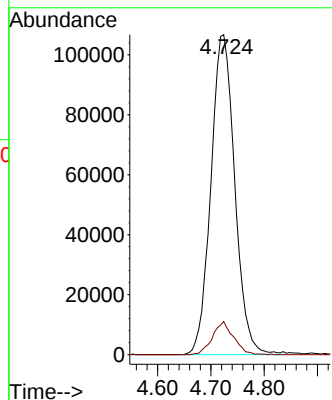
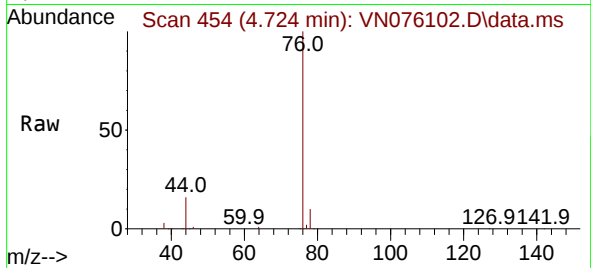
#17
Carbon Disulfide
Concen: 46.463 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 33214
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2

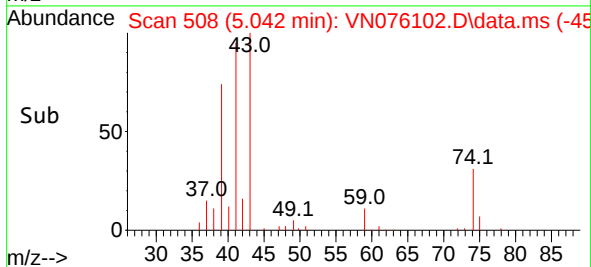
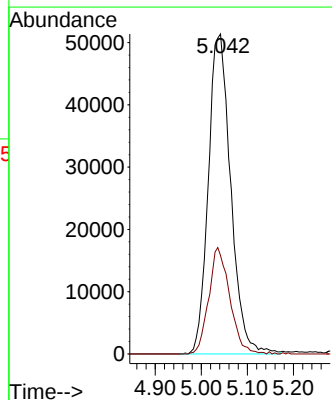
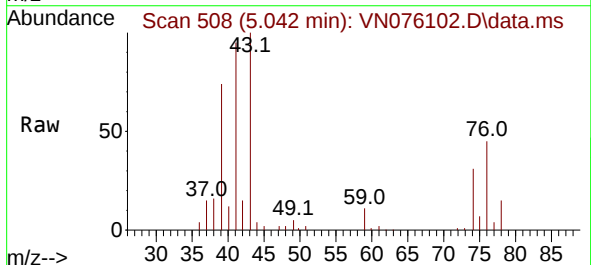
Manual Integrations
APPROVED

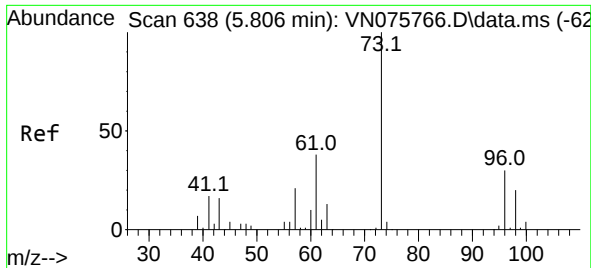
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#18
Methyl Acetate
Concen: 47.062 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Tgt Ion: 43 Resp: 173798
Ion Ratio Lower Upper
43 100
74 31.2 23.6 35.4





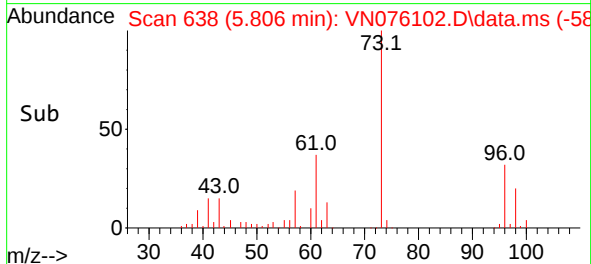
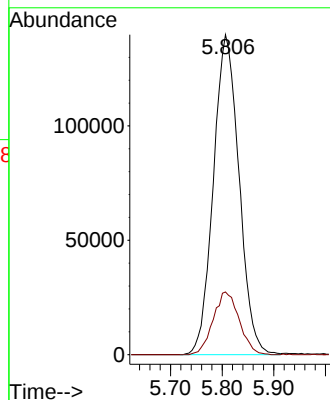
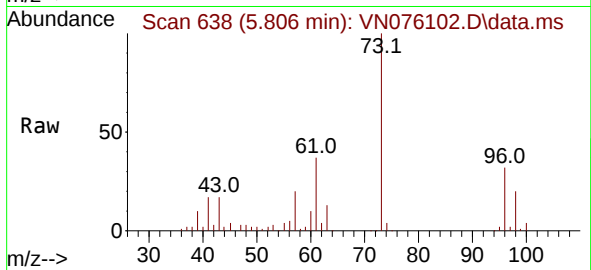
#19
Methyl tert-butyl Ether
Concen: 49.634 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 48258
Ion Ratio Lower Upper
73 100
57 19.6 17.1 25.7

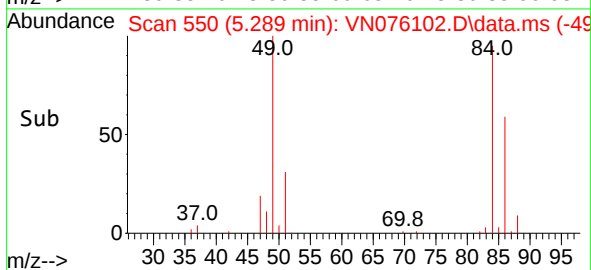
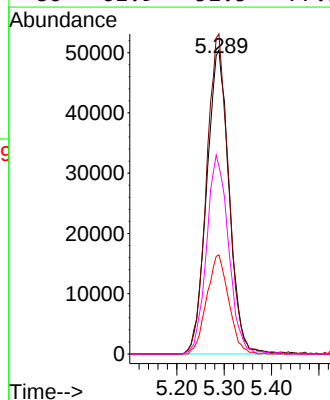
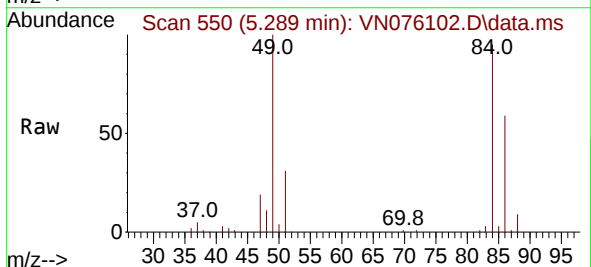
Manual Integrations
APPROVED

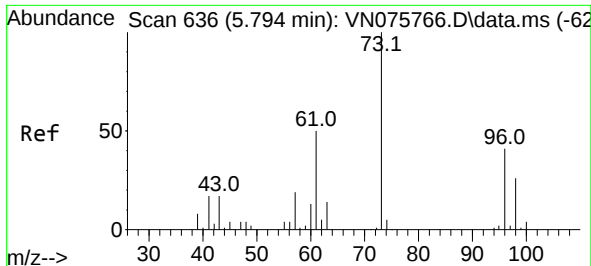
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#20
Methylene Chloride
Concen: 49.537 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

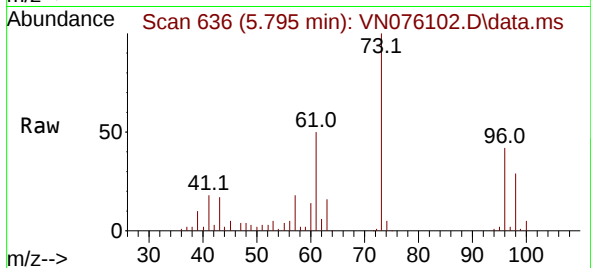
Tgt Ion: 84 Resp: 165578
Ion Ratio Lower Upper
84 100
49 105.4 81.8 122.6
51 32.6 26.7 40.1
86 61.9 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 46.892 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

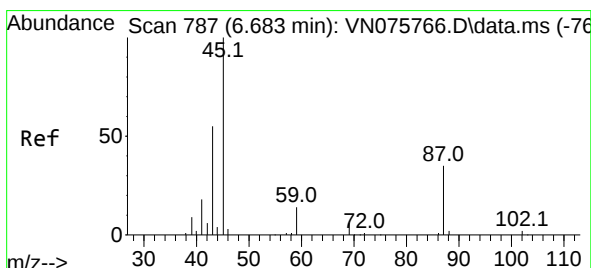
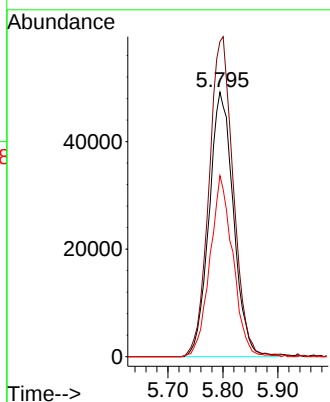
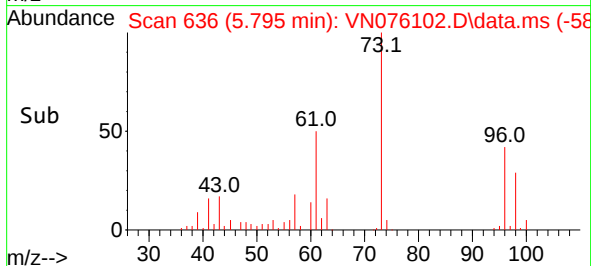
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



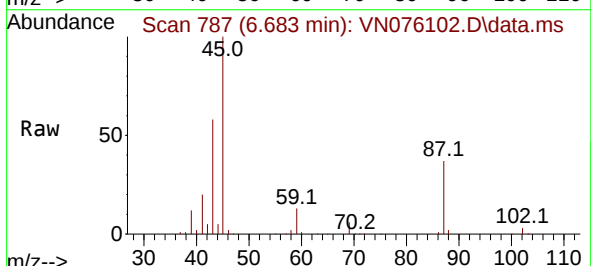
Tgt Ion: 96 Resp: 15162
Ion Ratio Lower Upper
96 100
61 119.2 98.1 147.1
98 68.4 51.4 77.2

Manual Integrations
APPROVED

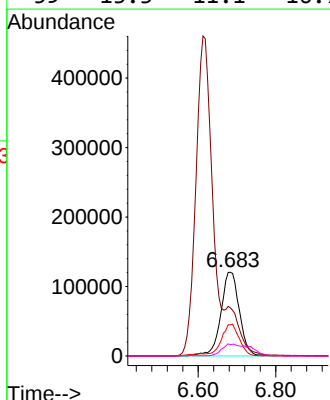
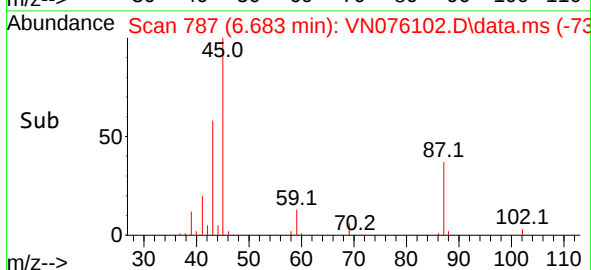
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#22
Diisopropyl ether
Concen: 47.726 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38



Tgt Ion: 45 Resp: 400162
Ion Ratio Lower Upper
45 100
43 57.0 44.2 66.4
87 37.0 28.3 42.5
59 13.3 11.1 16.7





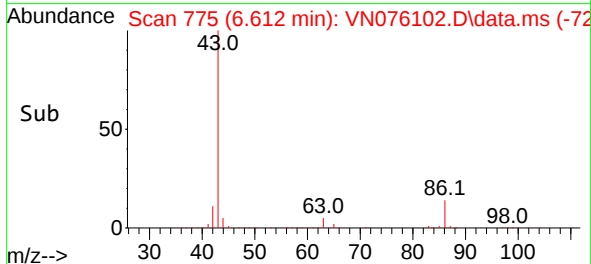
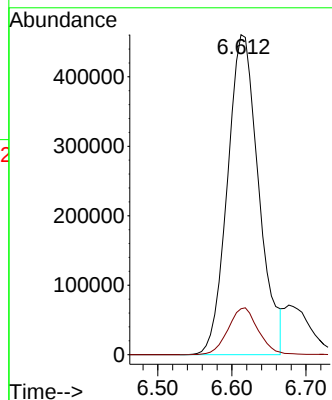
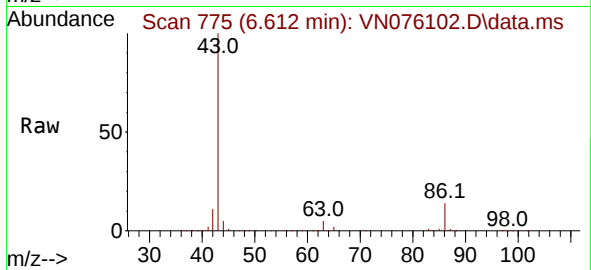
#23
 Vinyl Acetate
 Concen: 238.925 ug/l
 RT: 6.612 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN076102.D
 Acq: 05 Jan 2023 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 134836
 Ion Ratio Lower Upper
 43 100
 86 14.3 11.4 17.2

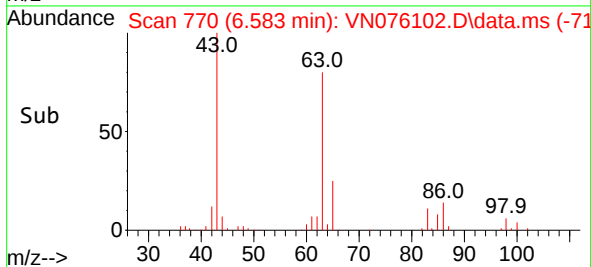
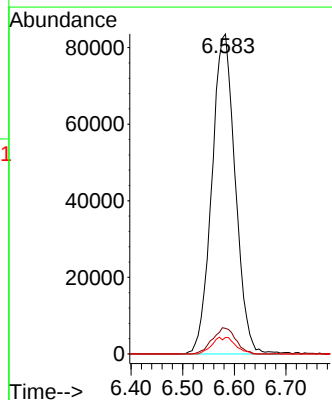
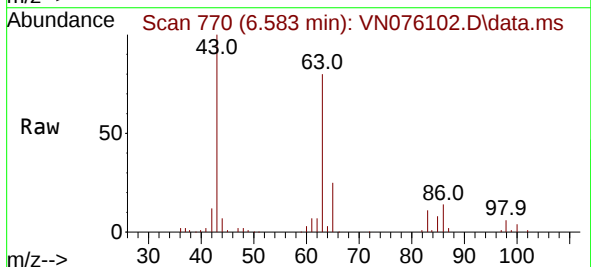
Manual Integrations
 APPROVED

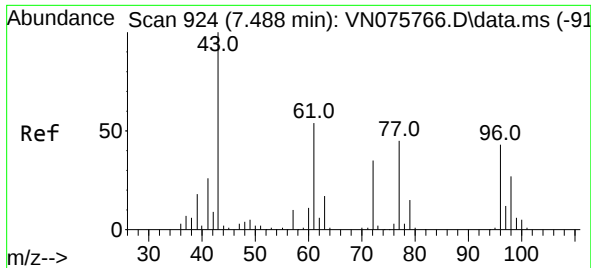
Reviewed By :John Carlone 01/06/2023
 Supervised By :Mahesh Dadoda 01/07/2023



#24
 1,1-Dichloroethane
 Concen: 46.972 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076102.D
 Acq: 05 Jan 2023 10:38

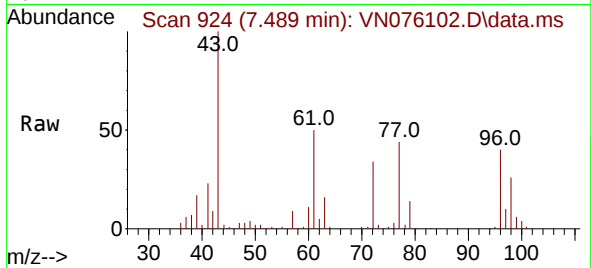
Tgt Ion: 63 Resp: 262663
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.5
 100 5.1 2.5 7.6





#25
2-Butanone
Concen: 245.222 ug/l
RT: 7.489 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

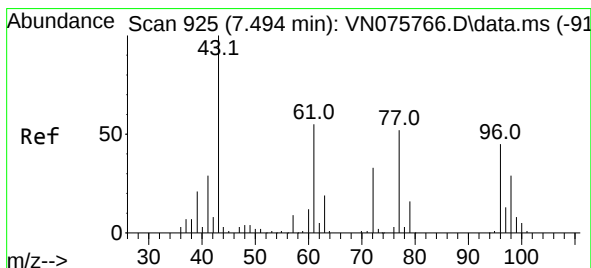
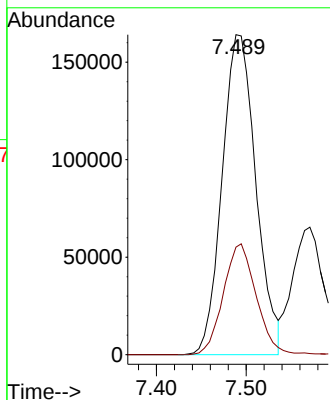
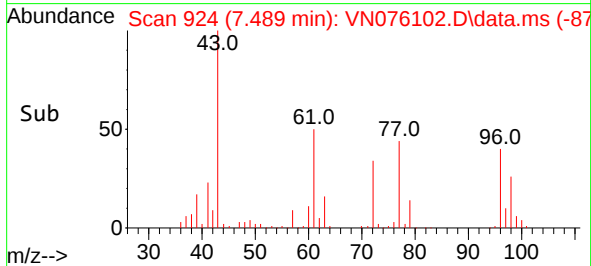
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



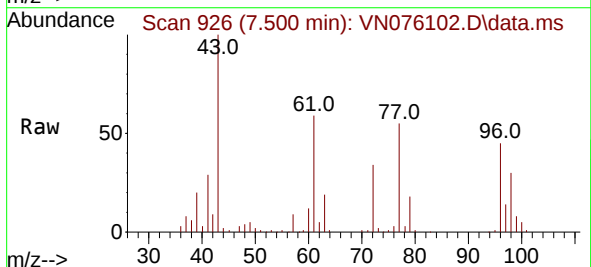
Tgt Ion: 43 Resp: 428968
Ion Ratio Lower Upper
43 100
72 33.6 28.0 42.0

Manual Integrations
APPROVED

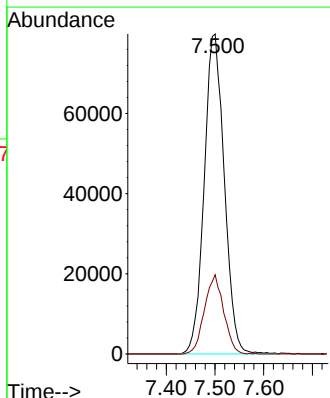
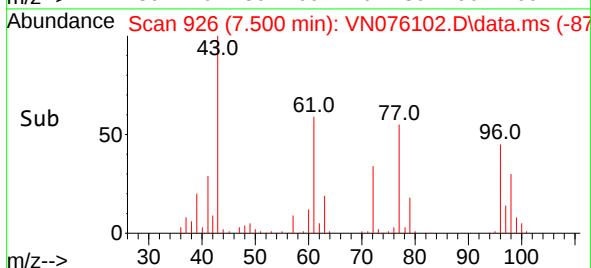
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#26
2,2-Dichloropropane
Concen: 48.268 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38



Tgt Ion: 77 Resp: 228573
Ion Ratio Lower Upper
77 100
97 23.6 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 47.551 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN076102.D

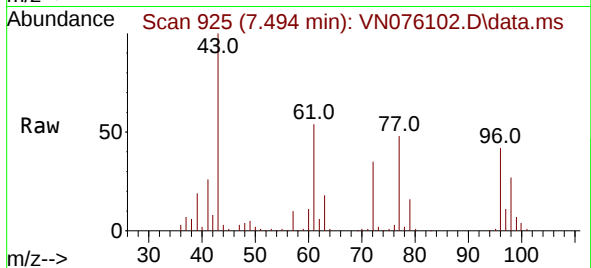
Acq: 05 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 183890

Ion Ratio Lower Upper

96 100

61 125.3 0.0 247.8

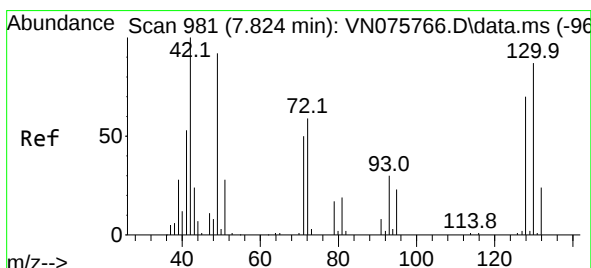
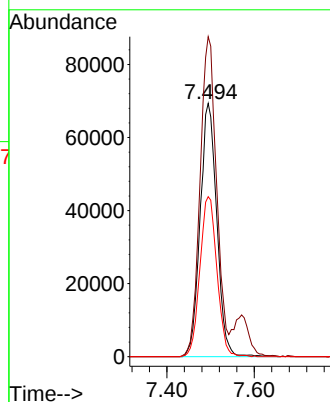
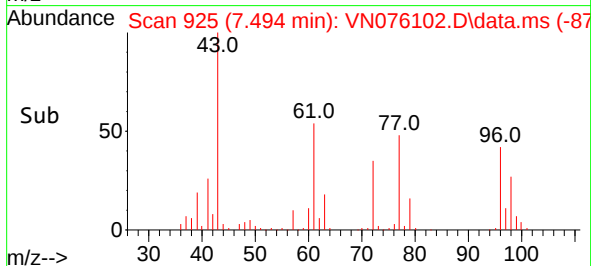
98 64.6 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2023

Supervised By :Mahesh Dadoda 01/07/2023



#28

Bromochloromethane

Concen: 40.391 ug/l

RT: 7.824 min Scan# 981

Delta R.T. 0.000 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

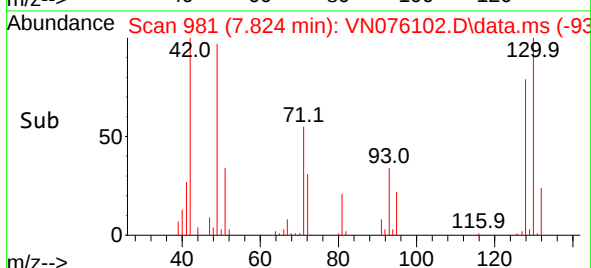
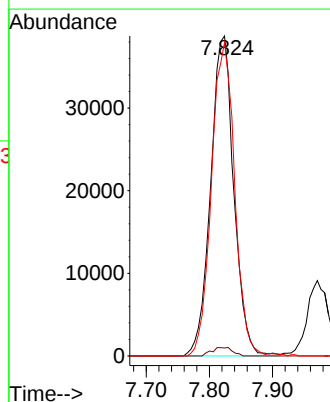
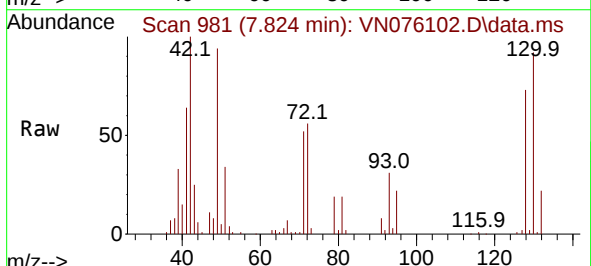
Tgt Ion: 49 Resp: 98995

Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

130 97.6 77.0 115.4





#29

Tetrahydrofuran

Concen: 240.843 ug/l

RT: 7.847 min Scan# 984

Delta R.T. 0.006 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 26402

Ion Ratio Lower Upper

42 100

72 55.4 44.5 66.7

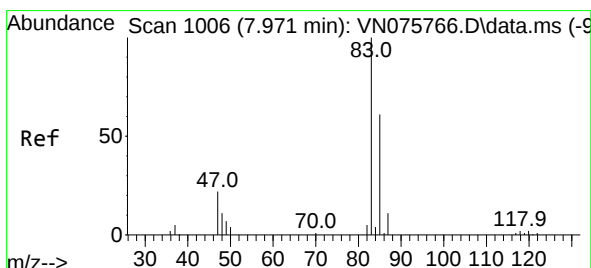
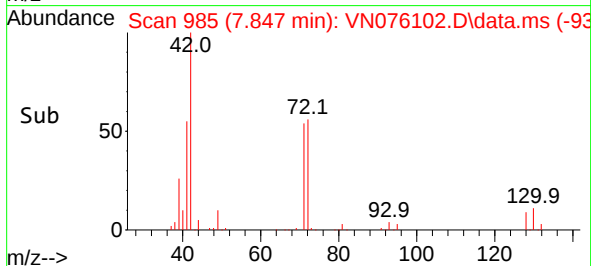
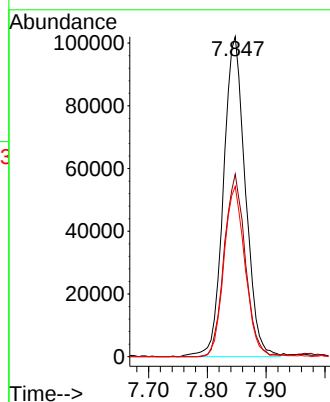
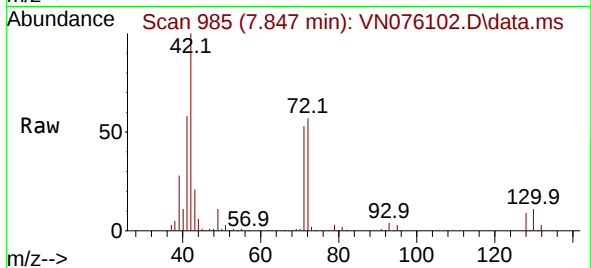
71 51.8 41.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2023

Supervised By :Mahesh Dadoda 01/07/2023



#30

Chloroform

Concen: 45.857 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN076102.D

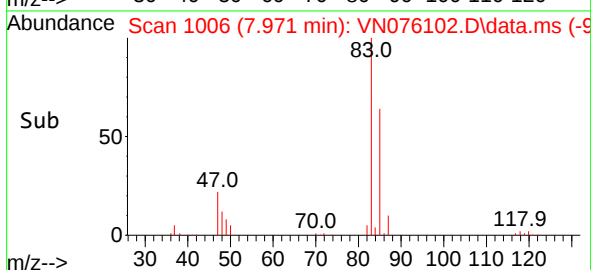
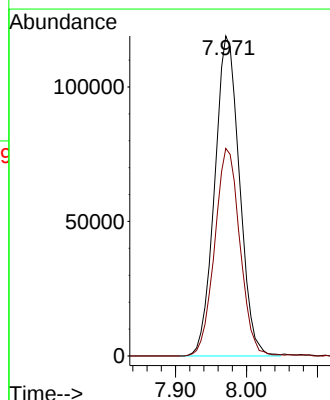
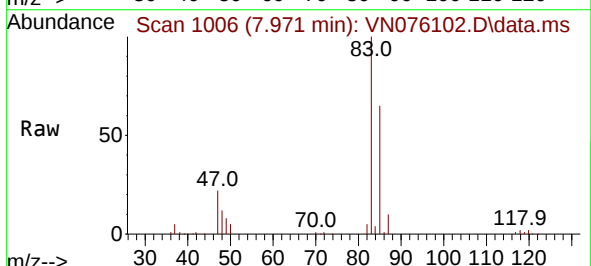
Acq: 05 Jan 2023 10:38

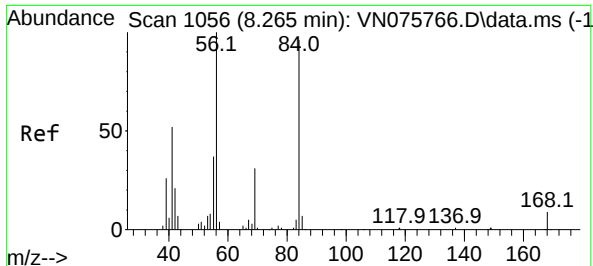
Tgt Ion: 83 Resp: 288714

Ion Ratio Lower Upper

83 100

85 64.9 49.1 73.7





#31

Cyclohexane

Concen: 43.411 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 225320

Ion Ratio Lower Upper

56 100

69 30.5 24.7 37.1

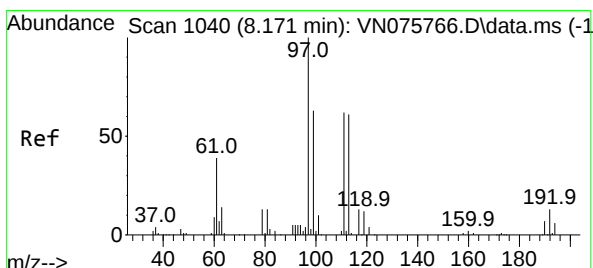
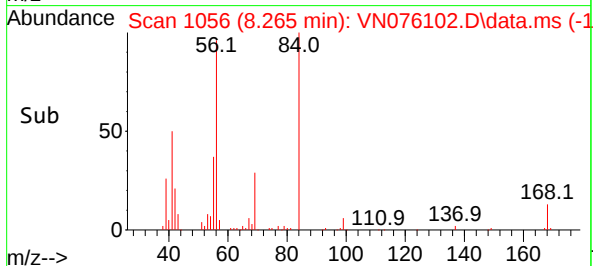
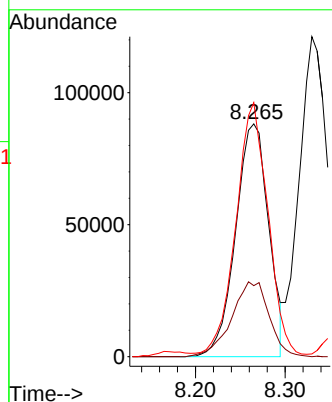
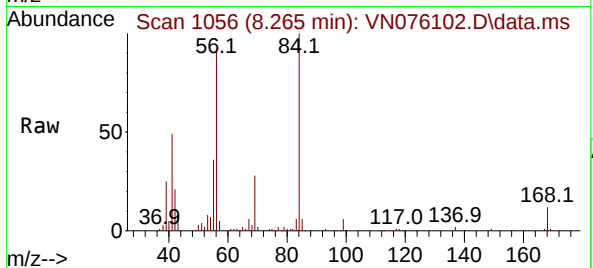
84 107.2 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2023

Supervised By :Mahesh Dadoda 01/07/2023



#32

1,1,1-Trichloroethane

Concen: 47.645 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

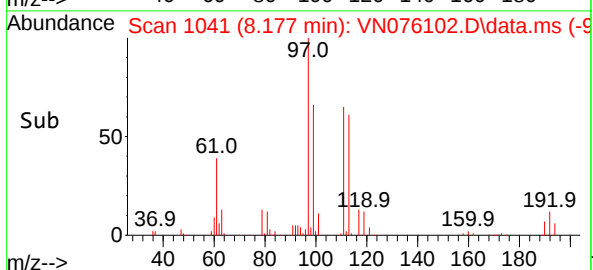
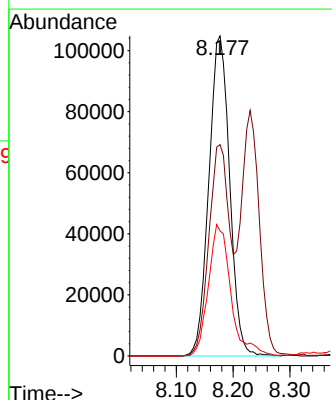
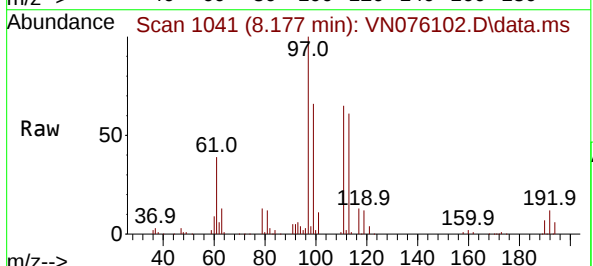
Tgt Ion: 97 Resp: 265937

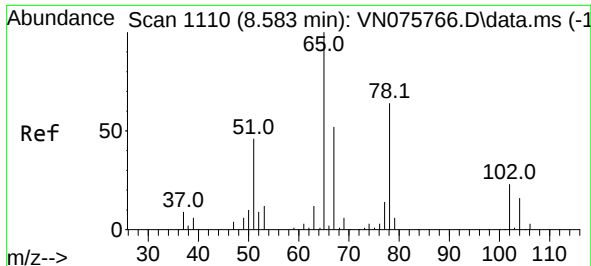
Ion Ratio Lower Upper

97 100

99 64.9 50.2 75.2

61 44.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.877 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 17351

Ion Ratio Lower Upper

65 100

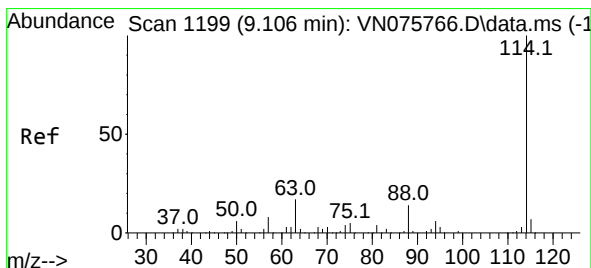
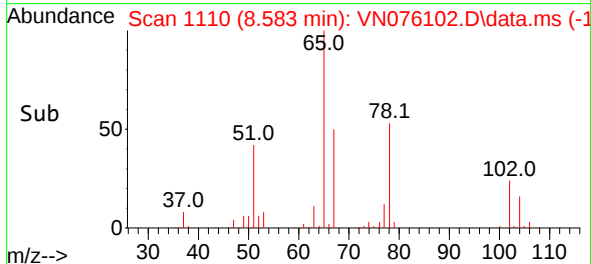
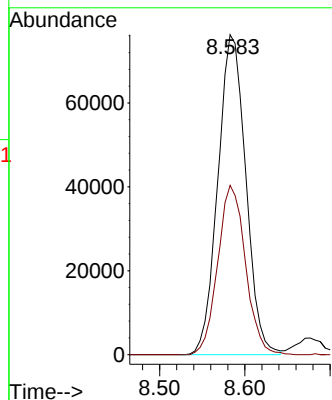
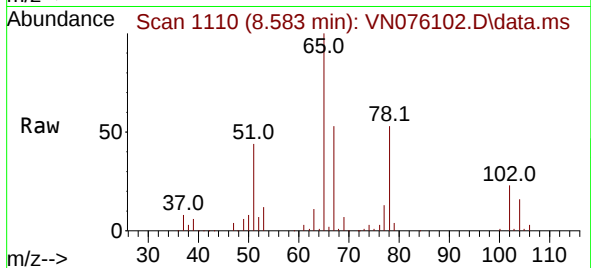
67 52.6 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2023

Supervised By :Mahesh Dadoda 01/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

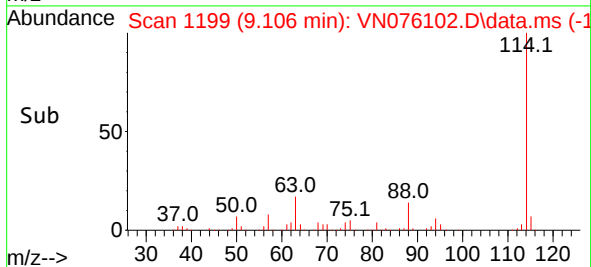
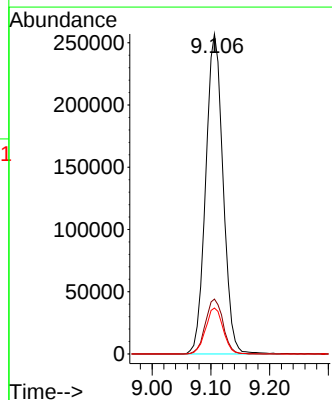
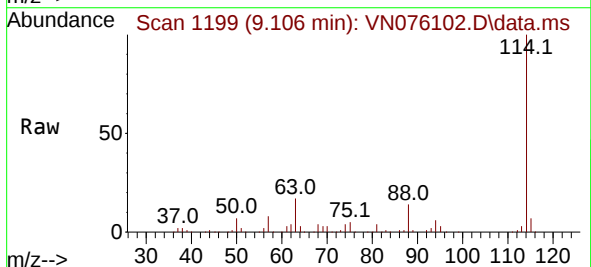
Tgt Ion:114 Resp: 525755

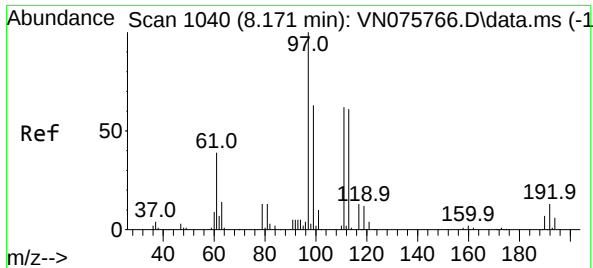
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.4

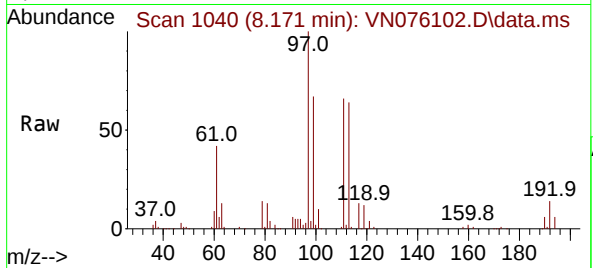
88 14.4 0.0 28.8





#35
Dibromofluoromethane
Concen: 49.458 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

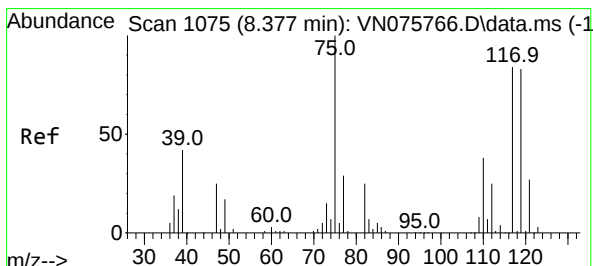
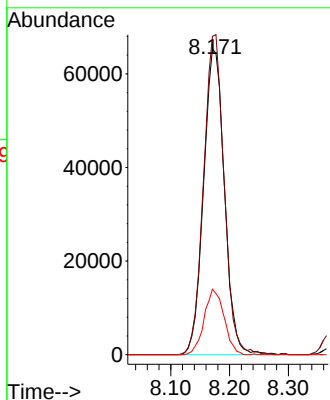
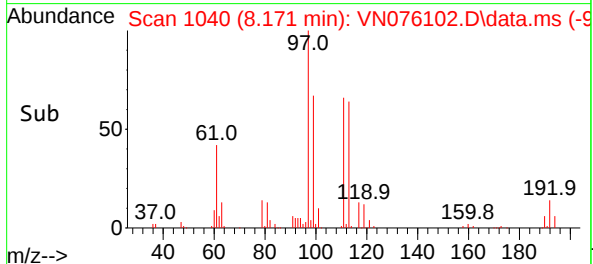
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



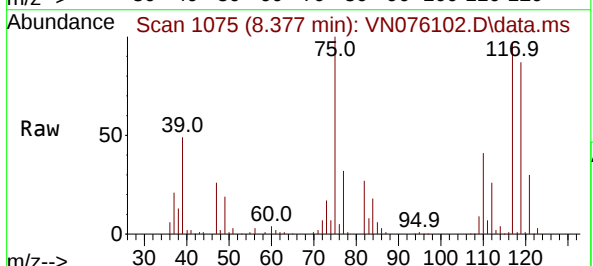
Tgt Ion:113 Resp: 16103
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.2
192 20.3 16.1 24.1

Manual Integrations
APPROVED

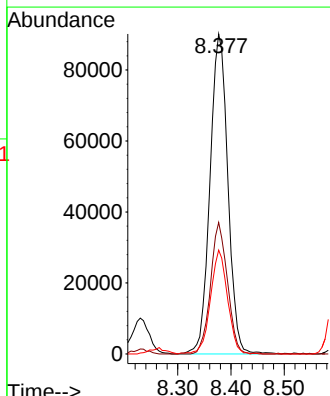
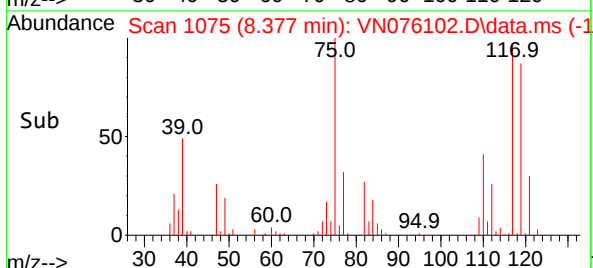
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023

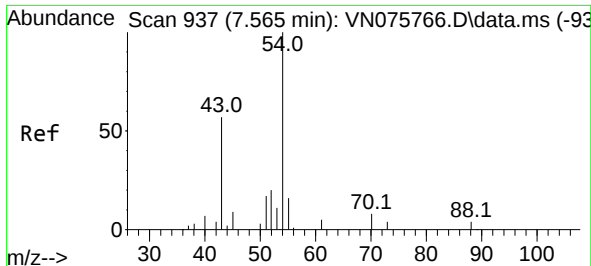


#36
1,1-Dichloropropene
Concen: 48.561 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38



Tgt Ion: 75 Resp: 210034
Ion Ratio Lower Upper
75 100
110 38.7 18.8 56.4
77 31.0 24.1 36.1





#37

Ethyl Acetate

Concen: 47.100 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 16363

Ion Ratio Lower Upper

43 100

61 17.6 13.0 19.4

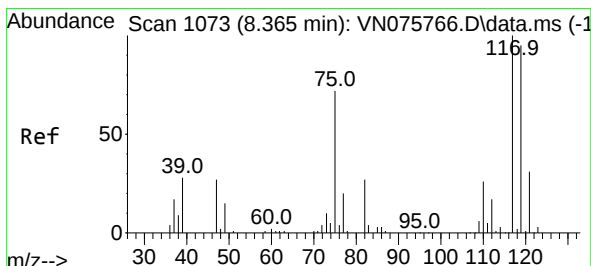
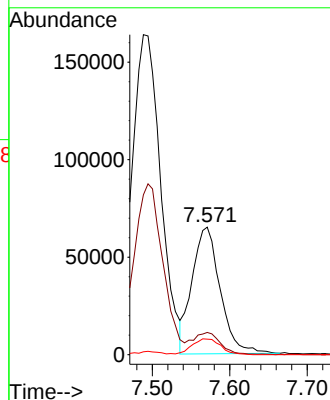
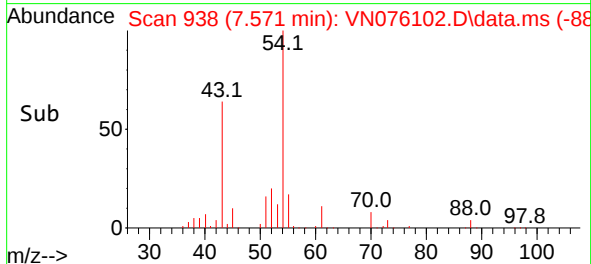
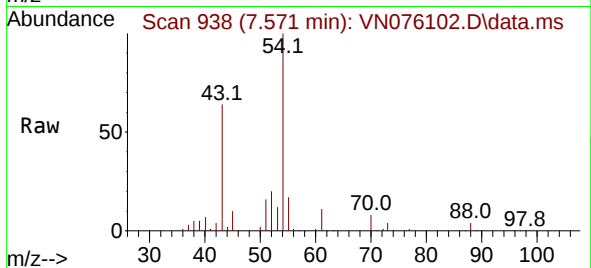
70 12.7 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2023

Supervised By :Mahesh Dadoda 01/07/2023



#38

Carbon Tetrachloride

Concen: 49.181 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

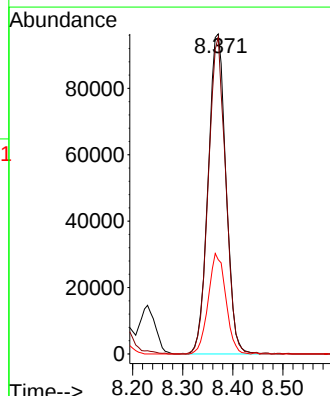
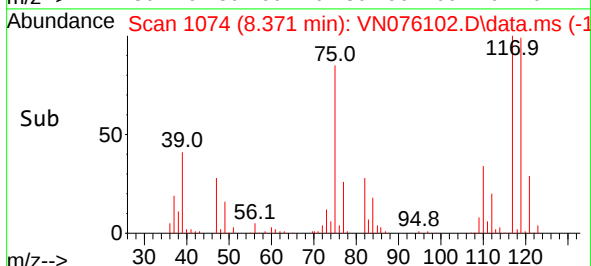
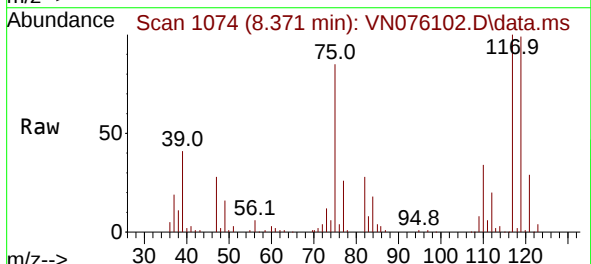
Tgt Ion:117 Resp: 238079

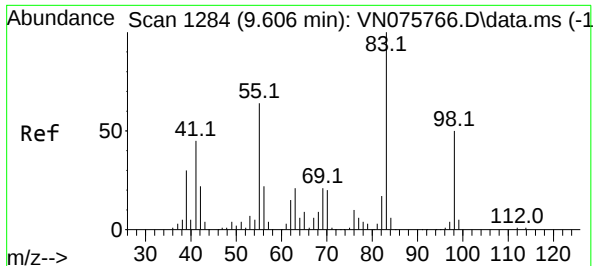
Ion Ratio Lower Upper

117 100

119 99.0 76.1 114.1

121 29.4 24.5 36.7





#39

Methylcyclohexane

Concen: 52.517 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.000 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 274036

Ion Ratio Lower Upper

83 100

55 62.2 51.4 77.0

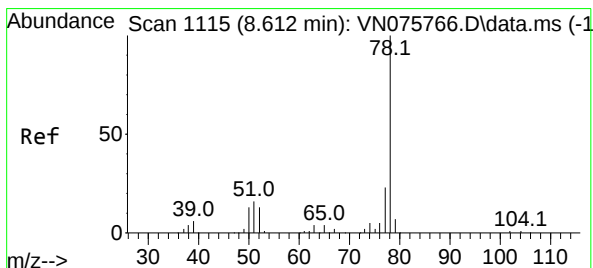
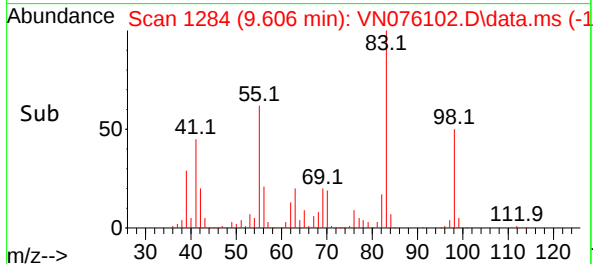
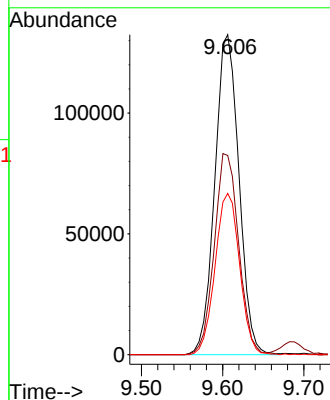
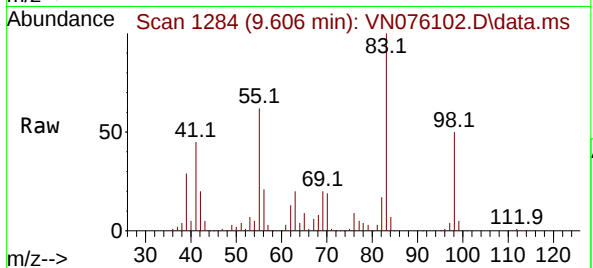
98 50.4 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2023

Supervised By :Mahesh Dadoda 01/07/2023



#40

Benzene

Concen: 48.141 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN076102.D

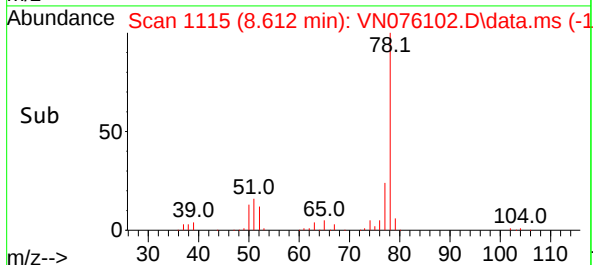
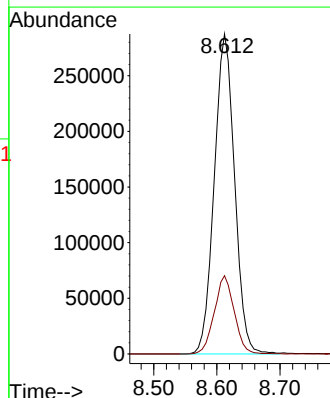
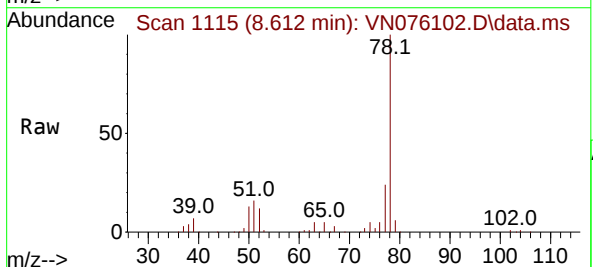
Acq: 05 Jan 2023 10:38

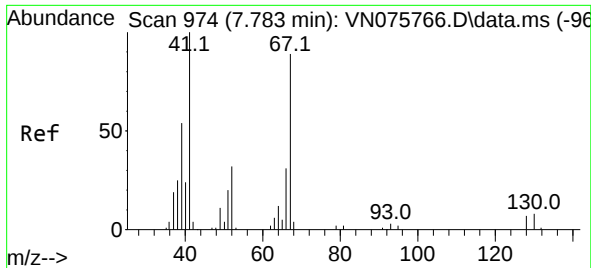
Tgt Ion: 78 Resp: 642425

Ion Ratio Lower Upper

78 100

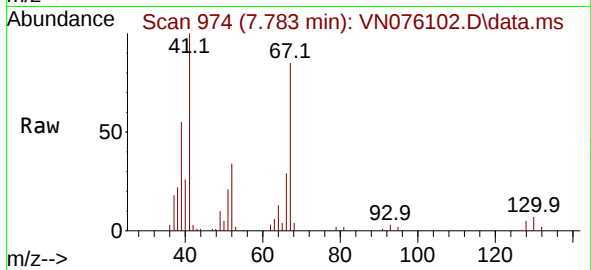
77 24.4 18.5 27.7





#41
Methacrylonitrile
Concen: 48.417 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

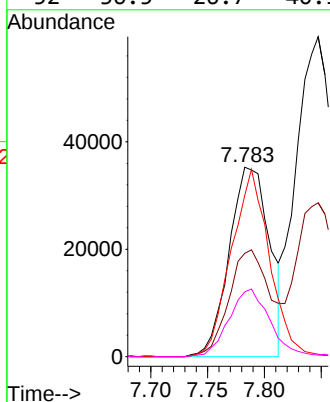
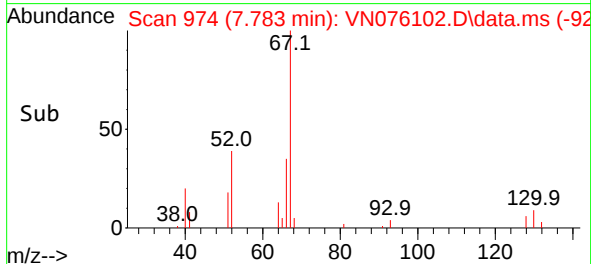
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	87434
Ion Ratio	100	Lower	Upper
39	59.8	43.1	64.7
67	93.3	70.7	106.1
52	36.5	26.7	40.1

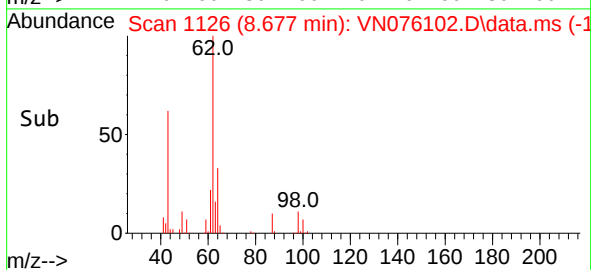
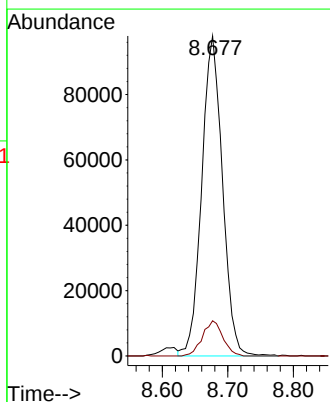
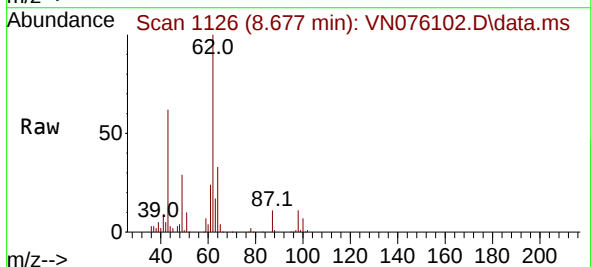
Manual Integrations
APPROVED

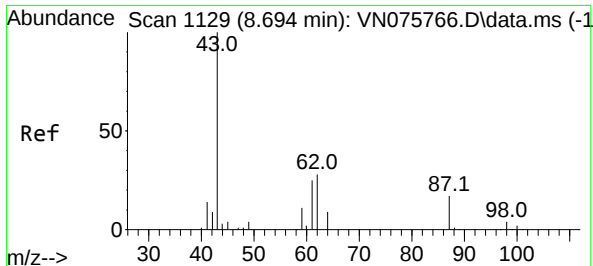
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#42
1,2-Dichloroethane
Concen: 48.558 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Tgt Ion:	62	Resp:	215430
Ion Ratio	100	Lower	Upper
98	10.8	0.0	20.8





#43

Isopropyl Acetate

Concen: 49.747 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 285094

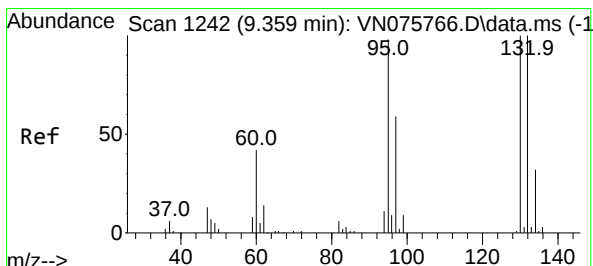
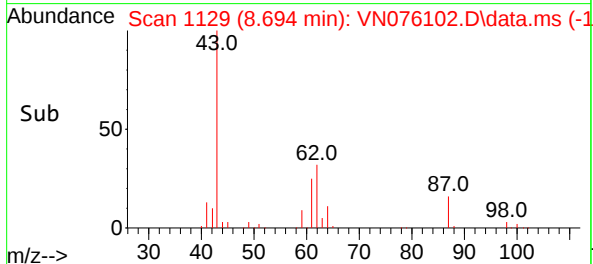
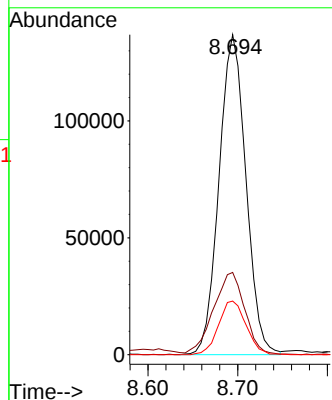
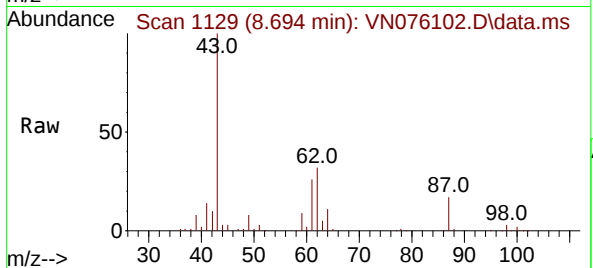
Ion	Ratio	Lower	Upper
43	100		
61	30.0	24.2	36.4
87	17.2	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2023

Supervised By :Mahesh Dadoda 01/07/2023



#44

Trichloroethene

Concen: 46.934 ug/l

RT: 9.359 min Scan# 1242

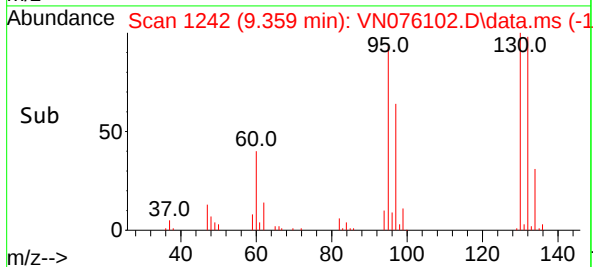
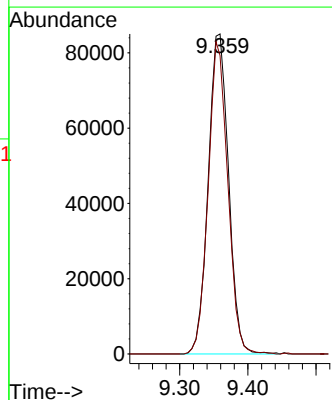
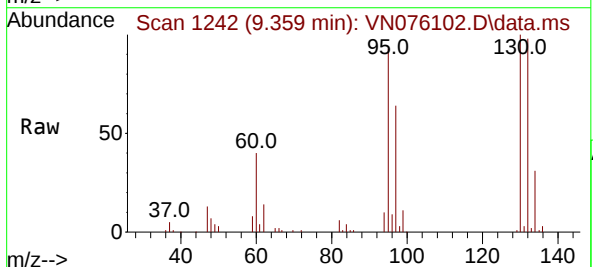
Delta R.T. 0.000 min

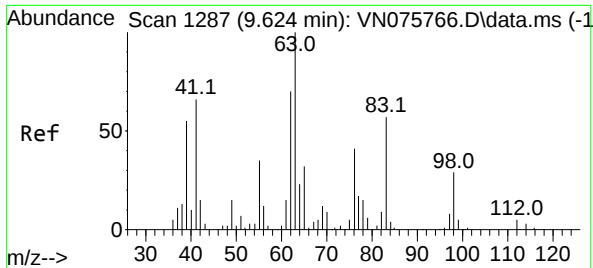
Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

Tgt Ion:130 Resp: 176447

Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	195.4





#45

1,2-Dichloropropane

Concen: 47.610 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 154600

Ion Ratio Lower Upper

63 100

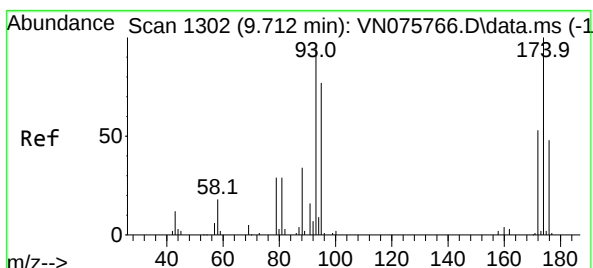
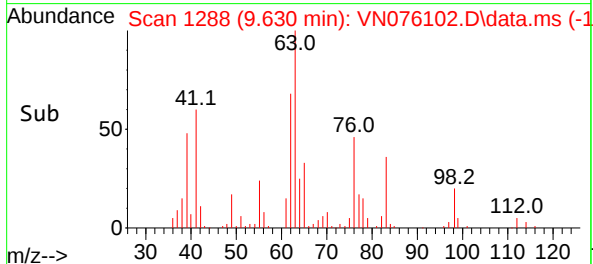
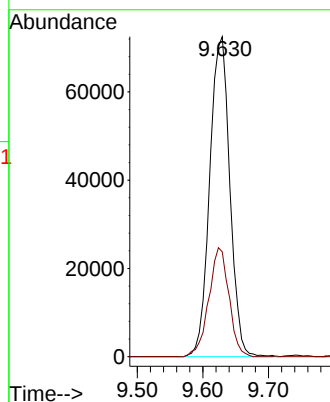
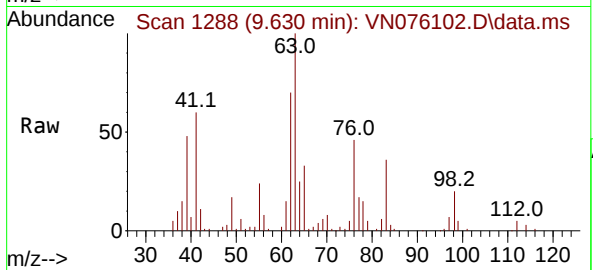
65 32.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2023

Supervised By :Mahesh Dadoda 01/07/2023



#46

Dibromomethane

Concen: 48.157 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

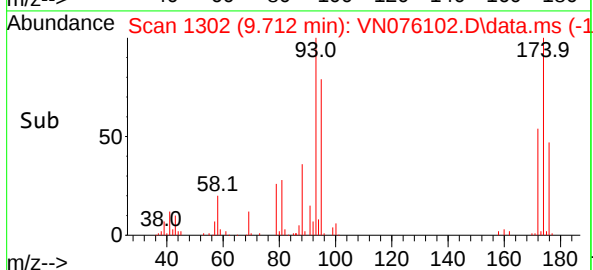
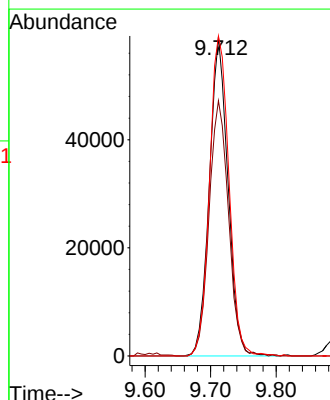
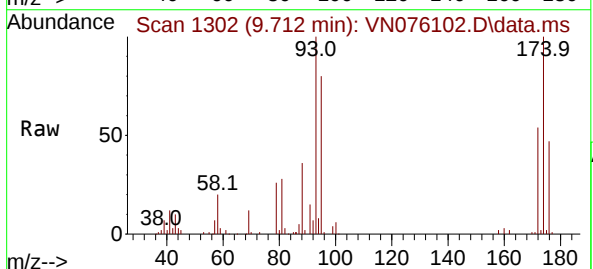
Tgt Ion: 93 Resp: 115989

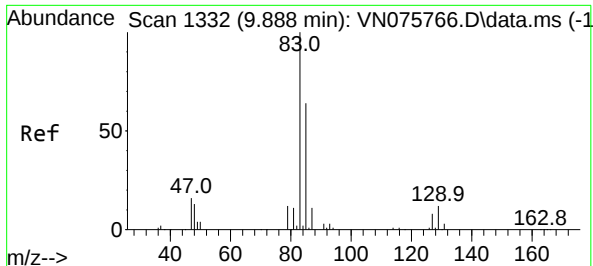
Ion Ratio Lower Upper

93 100

95 83.9 65.2 97.8

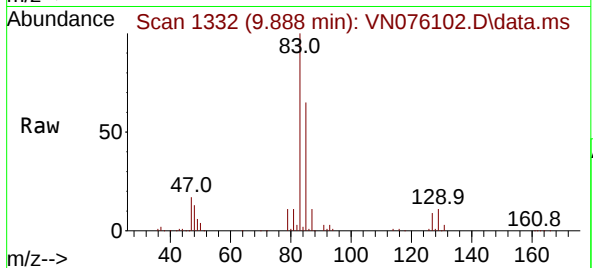
174 105.1 82.4 123.6





#47
Bromodichloromethane
Concen: 48.784 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

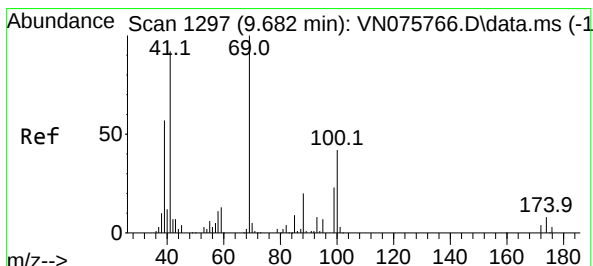
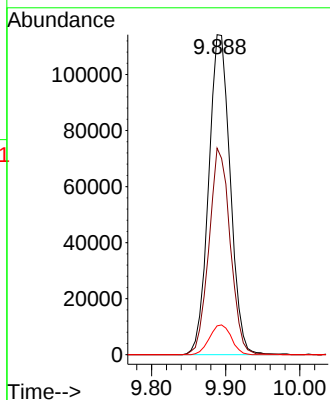
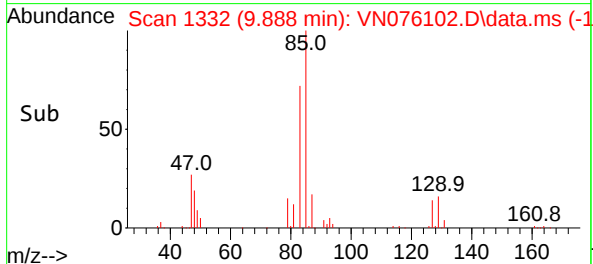
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 23042
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3
127 9.0 6.6 10.0

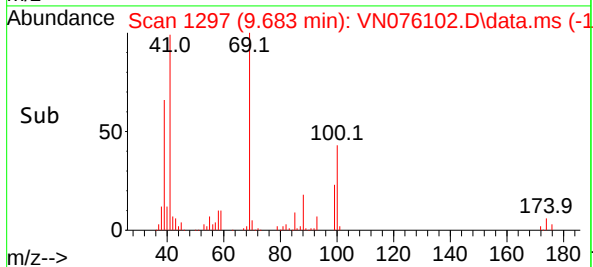
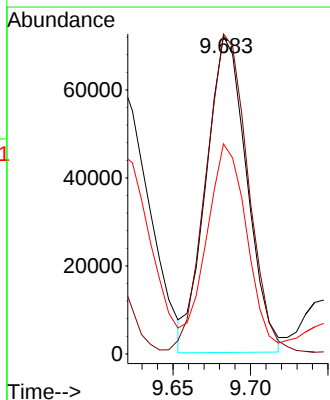
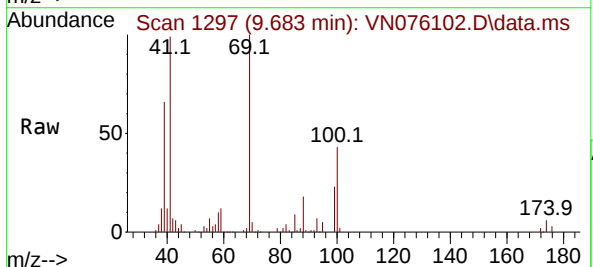
Manual Integrations
APPROVED

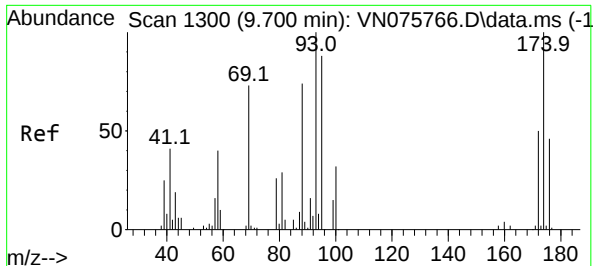
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#48
Methyl methacrylate
Concen: 50.806 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Tgt Ion: 41 Resp: 131139
Ion Ratio Lower Upper
41 100
69 105.4 81.9 122.9
39 66.5 51.6 77.4





#49

1,4-Dioxane

Concen: 1003.625 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 63680

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7

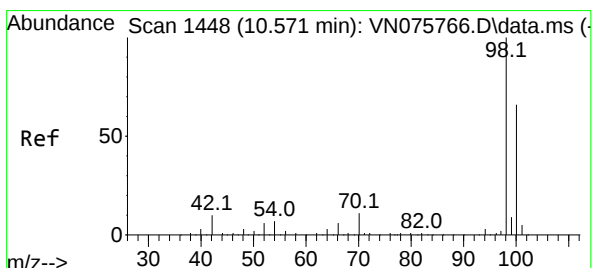
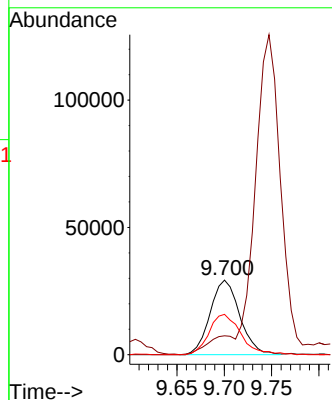
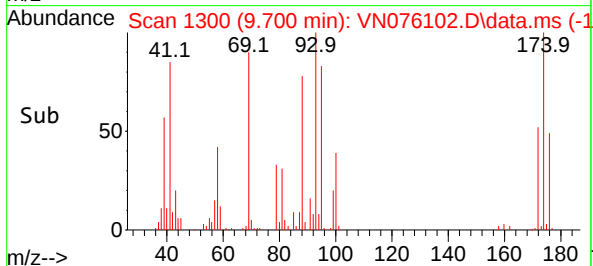
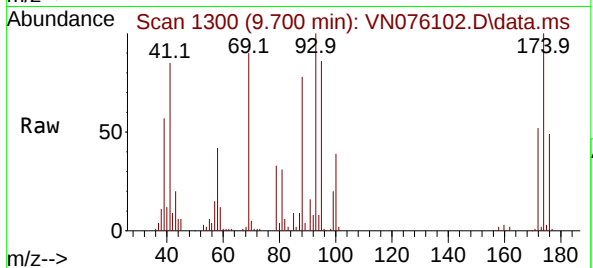
58 58.0 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2023

Supervised By :Mahesh Dadoda 01/07/2023



#50

Toluene-d8

Concen: 49.015 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076102.D

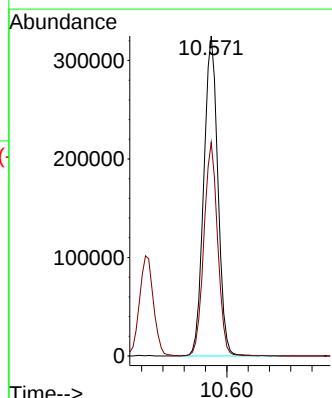
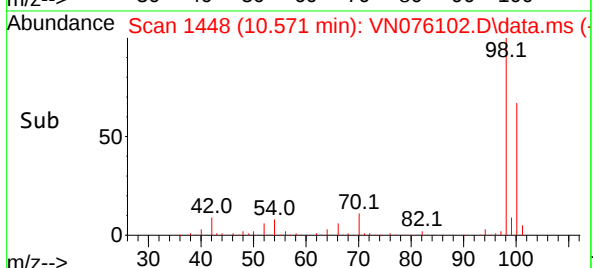
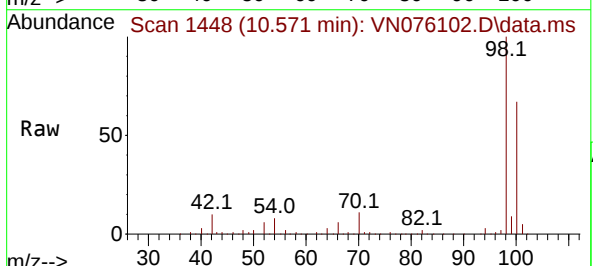
Acq: 05 Jan 2023 10:38

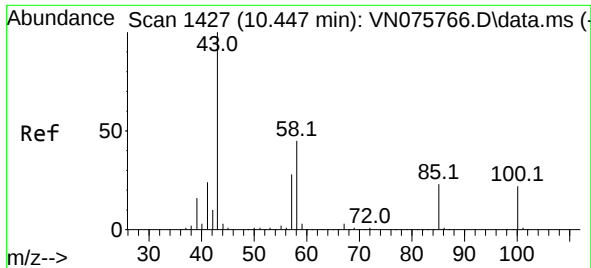
Tgt Ion: 98 Resp: 596682

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1





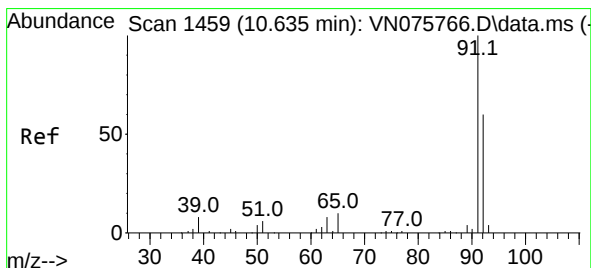
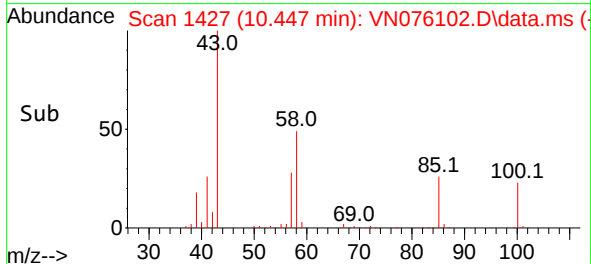
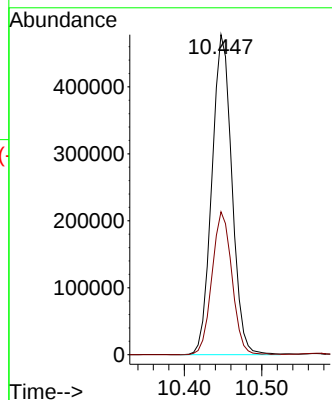
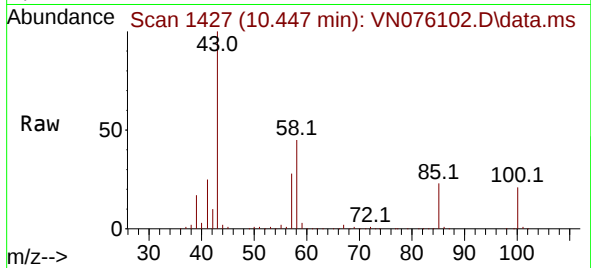
#51
4-Methyl-2-Pentanone
Concen: 247.703 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 85849
Ion Ratio Lower Upper
43 100
58 44.5 35.5 53.3

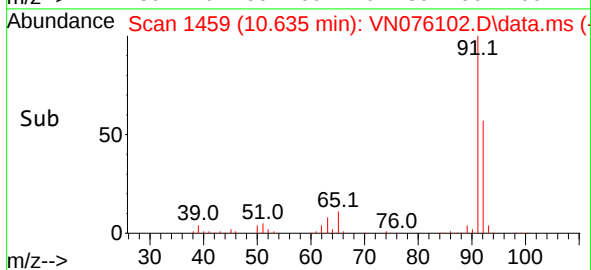
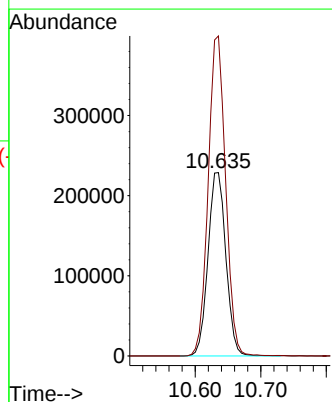
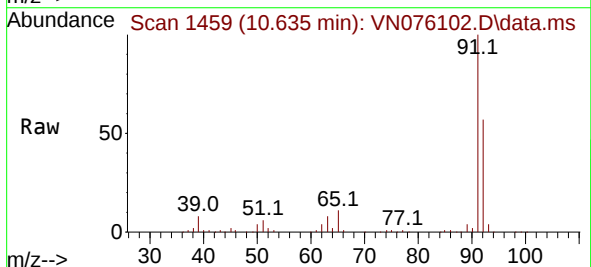
Manual Integrations
APPROVED

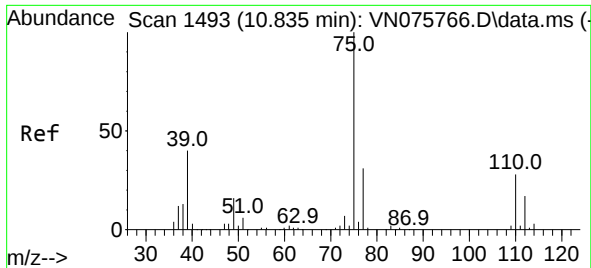
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#52
Toluene
Concen: 49.877 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Tgt Ion: 92 Resp: 433484
Ion Ratio Lower Upper
92 100
91 170.0 137.3 205.9





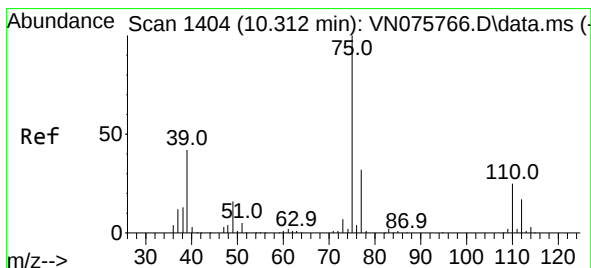
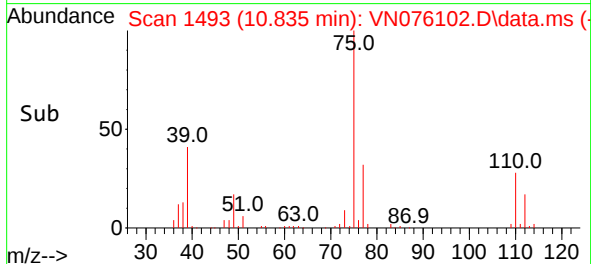
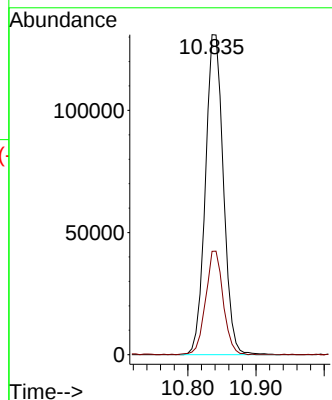
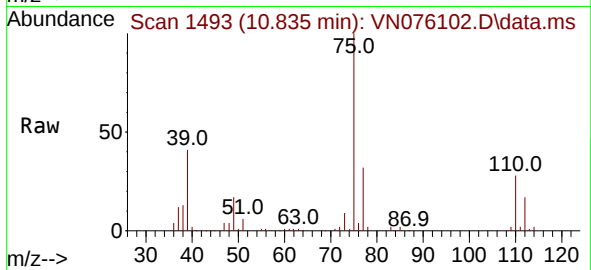
#53
 t-1,3-Dichloropropene
 Concen: 51.921 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN076102.D
 Acq: 05 Jan 2023 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 240060
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.9 37.3

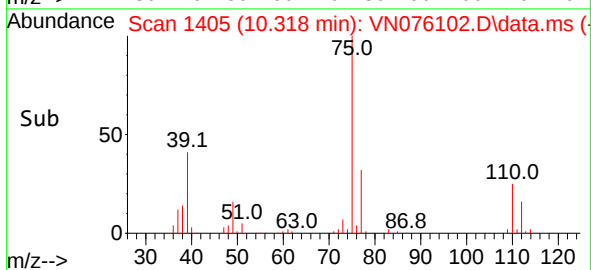
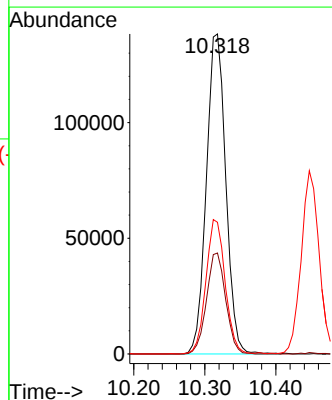
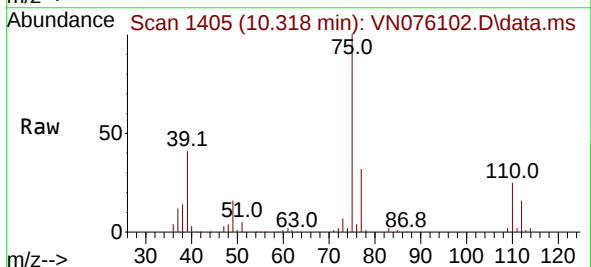
Manual Integrations
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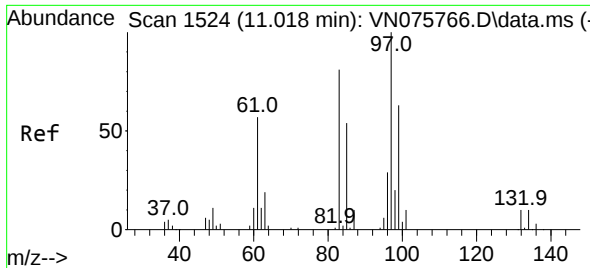
Reviewed By :John Carlone 01/06/2023
 Supervised By :Mahesh Dadoda 01/07/2023



#54
 cis-1,3-Dichloropropene
 Concen: 51.797 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN076102.D
 Acq: 05 Jan 2023 10:38

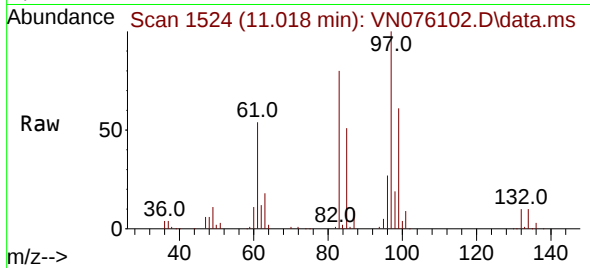
Tgt Ion: 75 Resp: 262943
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.8
 39 41.2 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 49.579 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

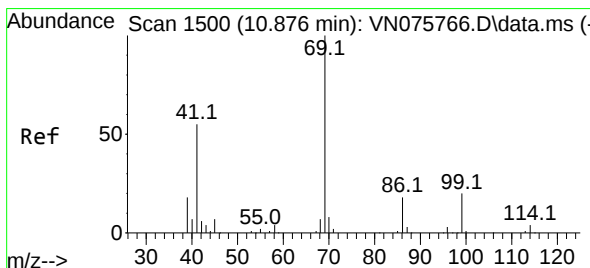
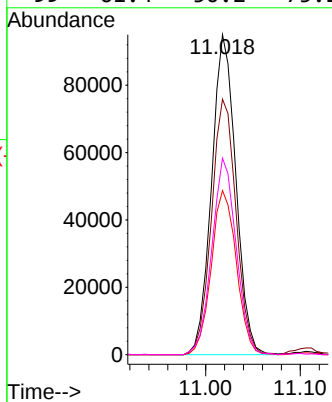
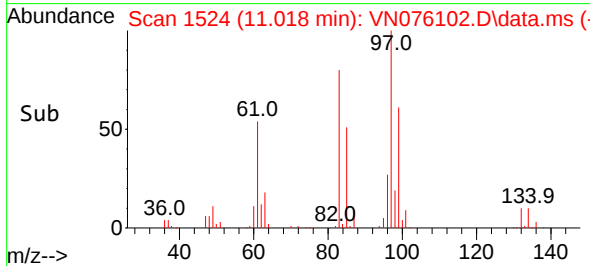
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



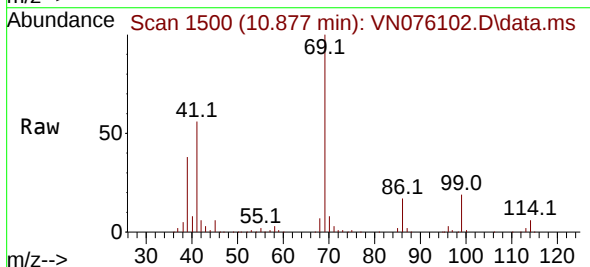
Tgt Ion: 97 Resp: 169120
Ion Ratio Lower Upper
97 100
83 79.9 65.0 97.4
85 51.3 43.0 64.6
99 61.4 50.2 75.2

Manual Integrations
APPROVED

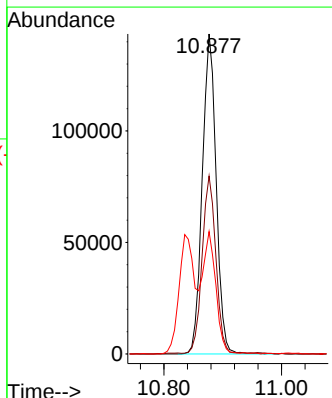
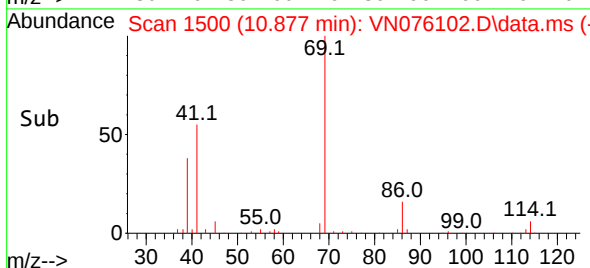
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023

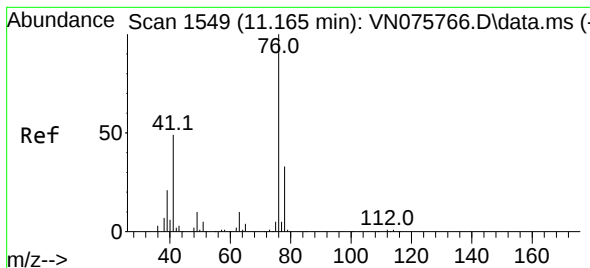


#56
Ethyl methacrylate
Concen: 51.908 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38



Tgt Ion: 69 Resp: 235198
Ion Ratio Lower Upper
69 100
41 55.8 44.2 66.4
39 34.9 26.4 39.6





#57

1,3-Dichloropropane

Concen: 48.550 ug/l

RT: 11.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 27166

Ion Ratio Lower Upper

76 100

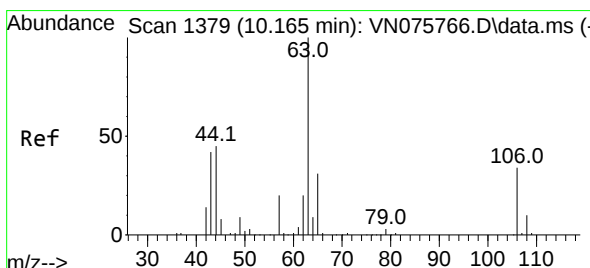
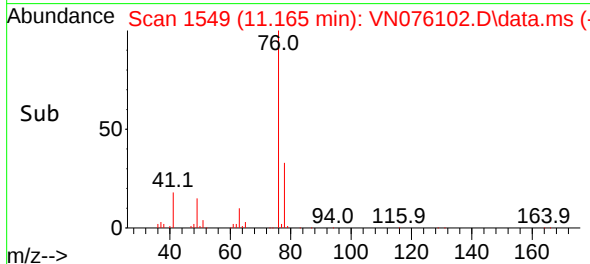
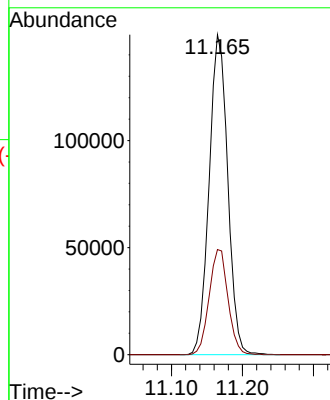
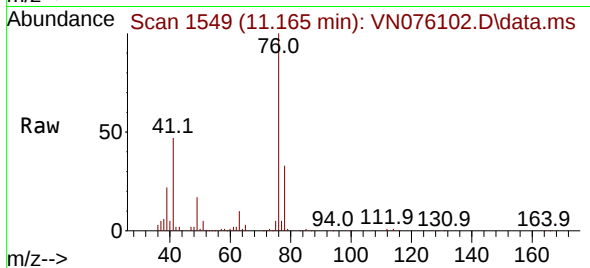
78 33.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2023

Supervised By :Mahesh Dadoda 01/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 249.991 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN076102.D

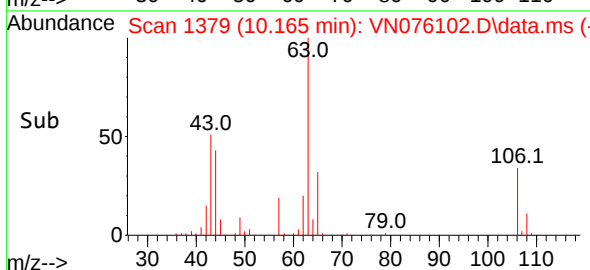
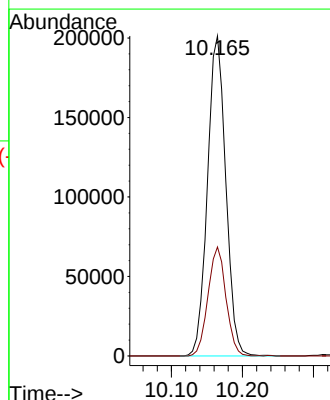
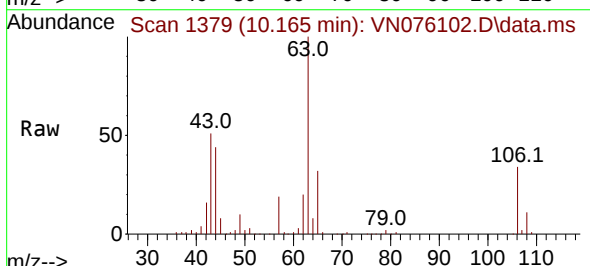
Acq: 05 Jan 2023 10:38

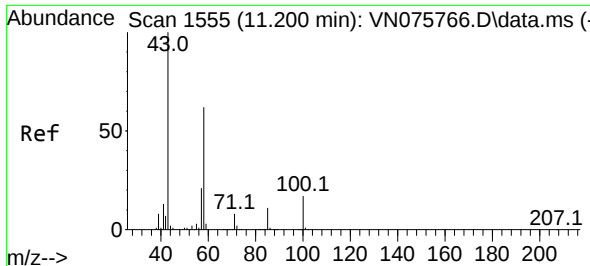
Tgt Ion: 63 Resp: 360641

Ion Ratio Lower Upper

63 100

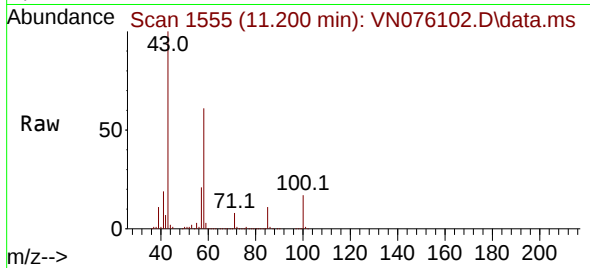
106 33.4 26.4 39.6





#59
2-Hexanone
Concen: 259.153 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

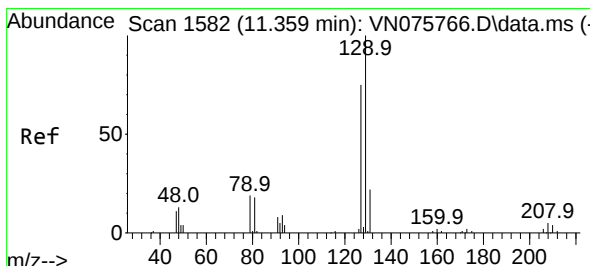
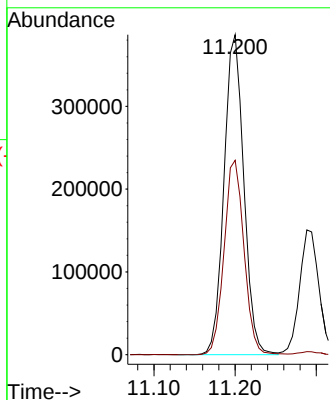
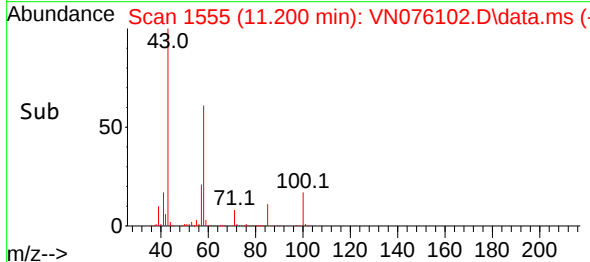
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 655010
Ion Ratio Lower Upper
43 100
58 61.1 30.6 92.0

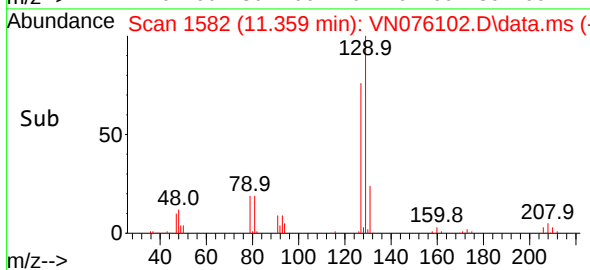
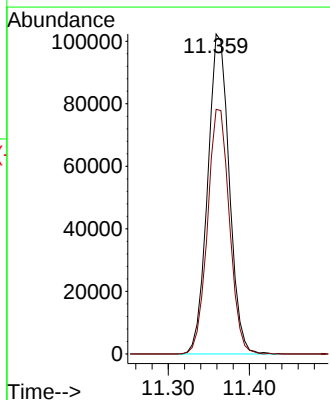
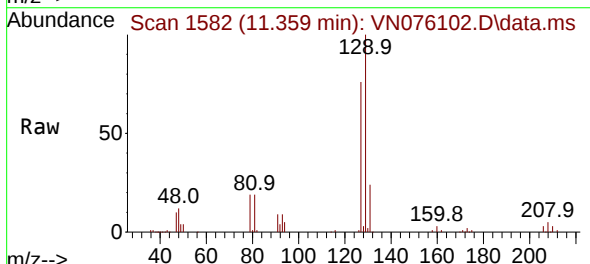
Manual Integrations
APPROVED

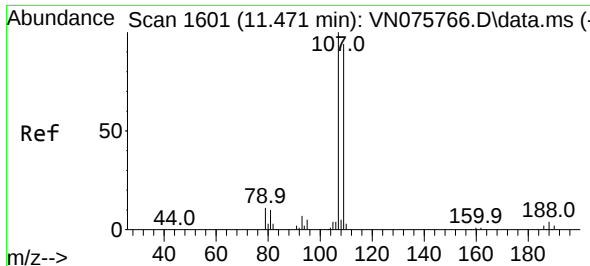
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#60
Dibromochloromethane
Concen: 49.763 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

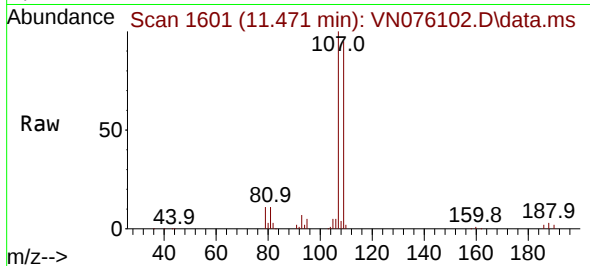
Tgt Ion:129 Resp: 188783
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.9





#61
1,2-Dibromoethane
Concen: 49.585 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

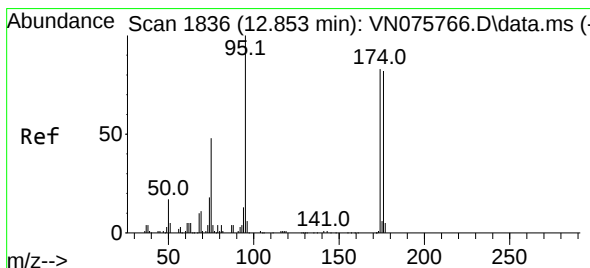
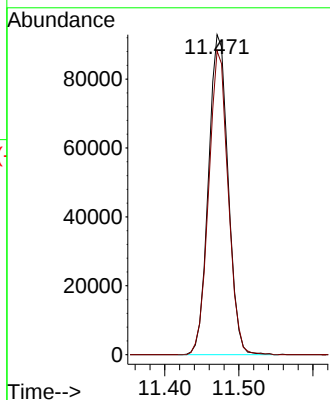
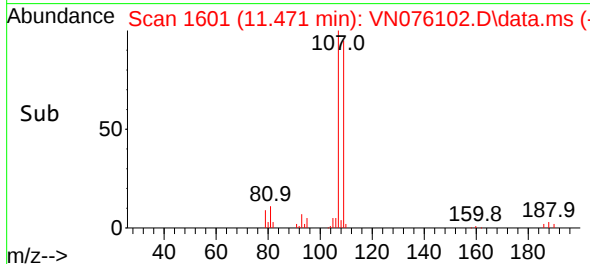
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



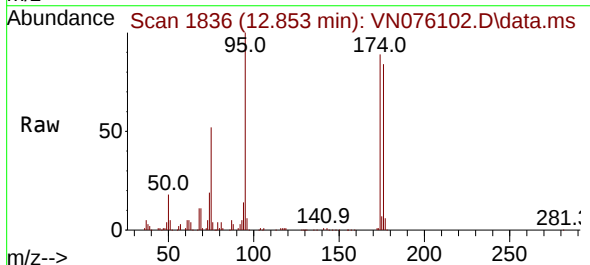
Tgt Ion:107 Resp: 171172
Ion Ratio Lower Upper
107 100
109 93.8 74.8 112.2

Manual Integrations
APPROVED

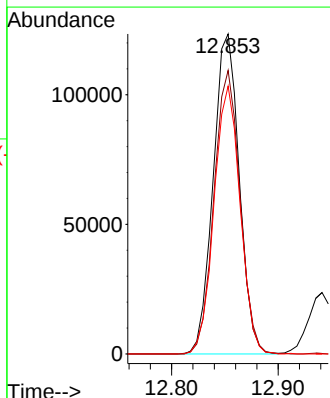
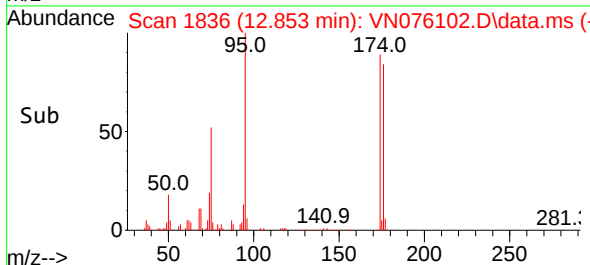
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023

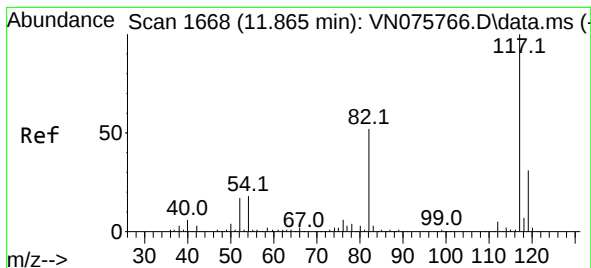


#62
4-Bromofluorobenzene
Concen: 52.029 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38



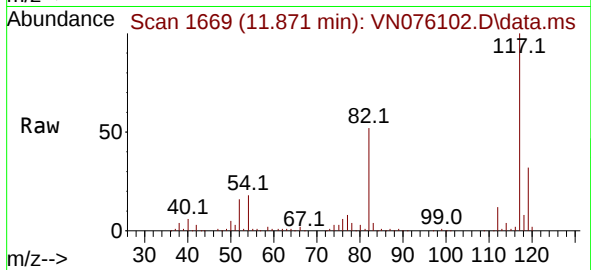
Tgt Ion: 95 Resp: 209783
Ion Ratio Lower Upper
95 100
174 88.2 0.0 171.6
176 83.7 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

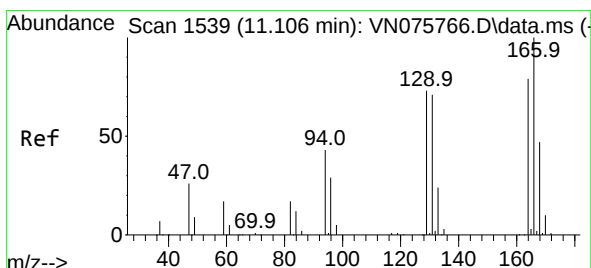
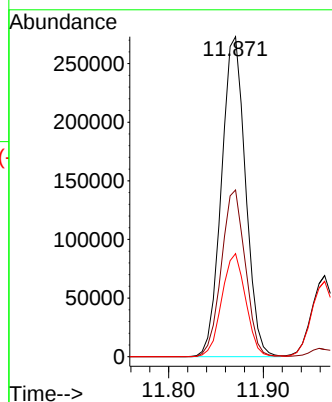
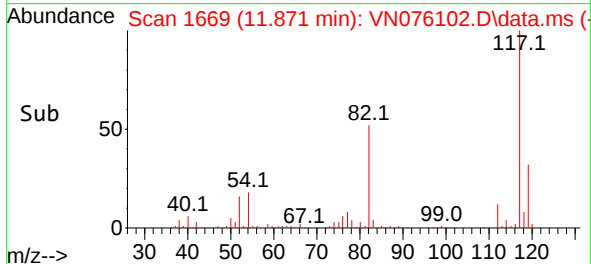
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 482074
Ion Ratio Lower Upper
117 100
82 52.1 41.3 61.9
119 32.2 24.6 37.0

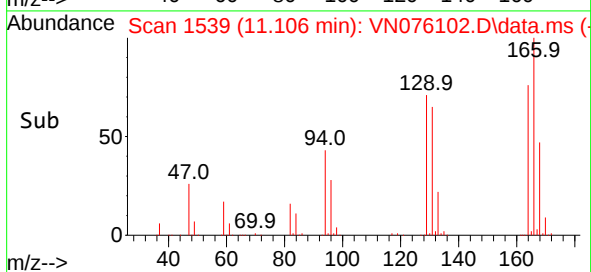
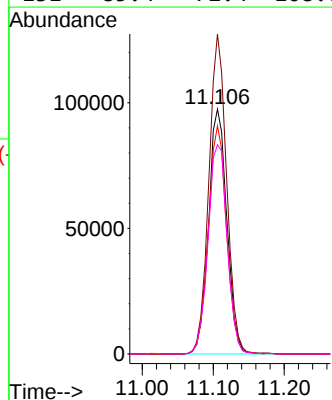
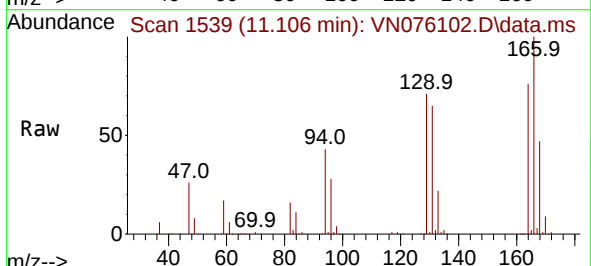
Manual Integrations
APPROVED

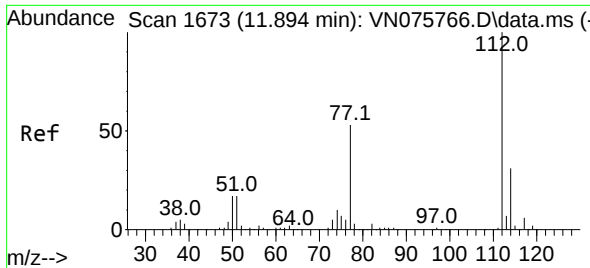
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#64
Tetrachloroethene
Concen: 51.666 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Tgt Ion:164 Resp: 175265
Ion Ratio Lower Upper
164 100
166 130.8 101.9 152.9
129 93.2 74.2 111.2
131 85.4 72.4 108.6





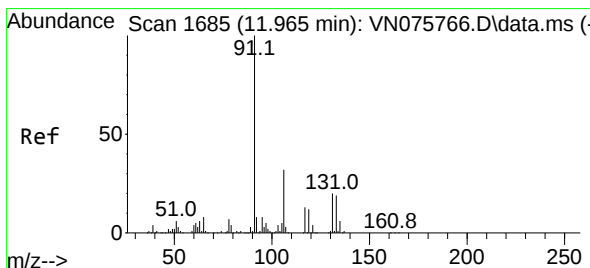
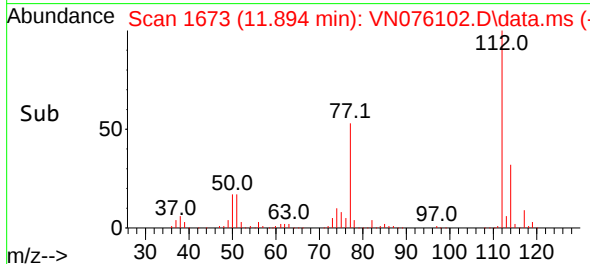
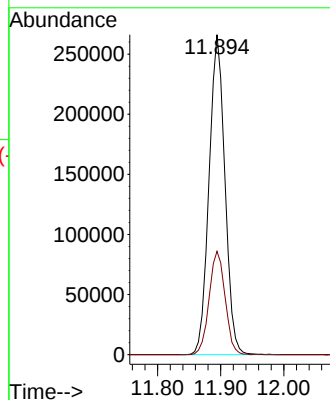
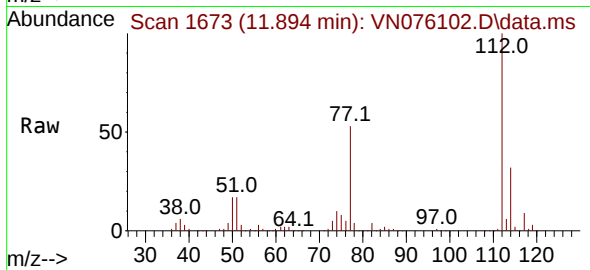
#65
Chlorobenzene
Concen: 46.901 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 464062
Ion Ratio Lower Upper
112 100
114 32.3 24.7 37.1

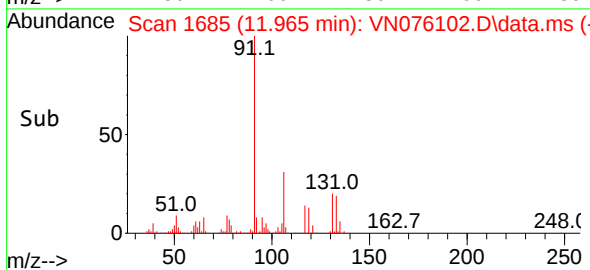
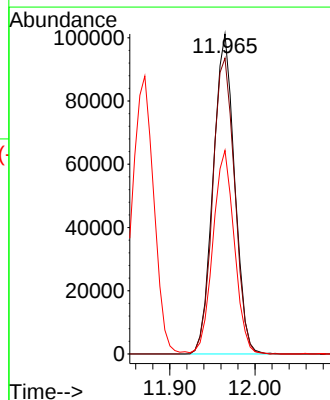
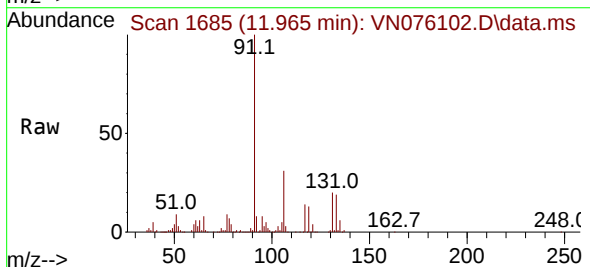
Manual Integrations
APPROVED

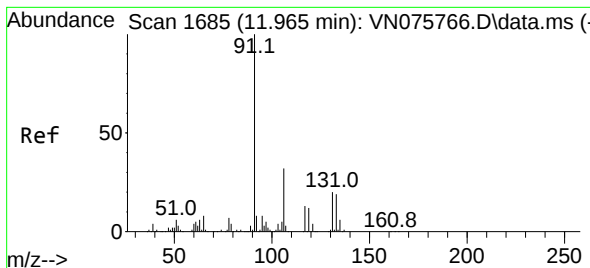
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.235 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Tgt Ion:131 Resp: 176777
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.5
119 63.4 31.9 95.7





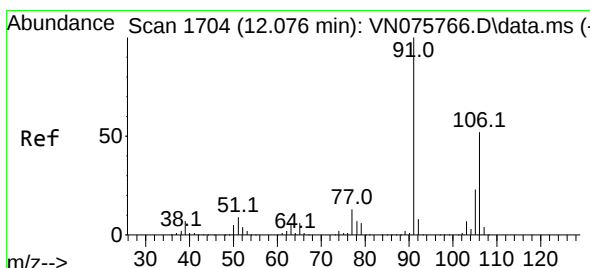
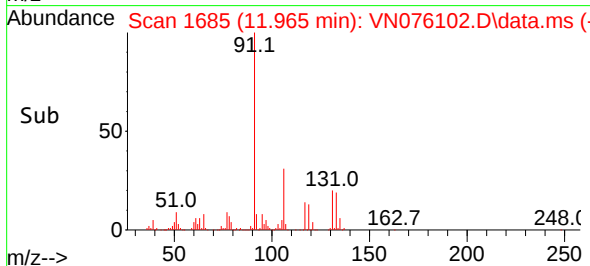
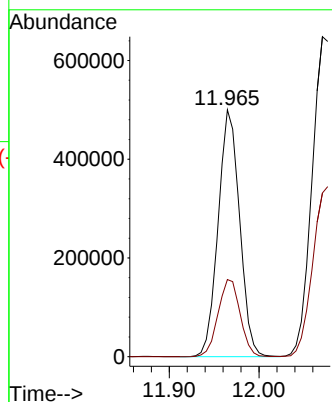
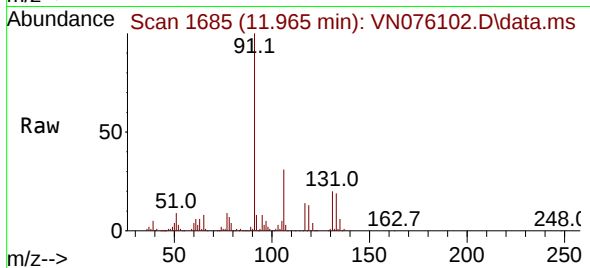
#67
Ethyl Benzene
Concen: 49.732 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 830494
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5

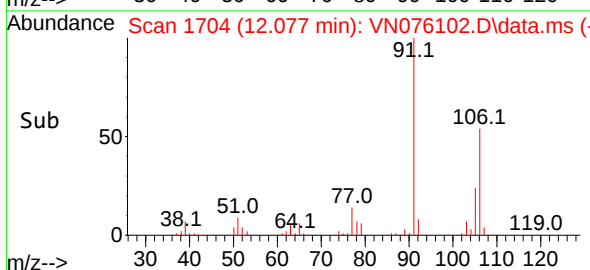
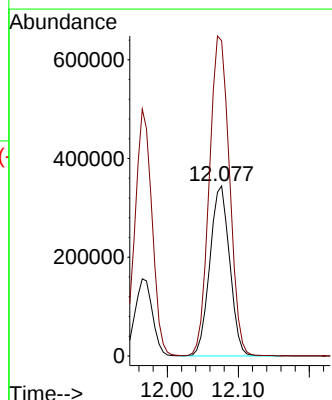
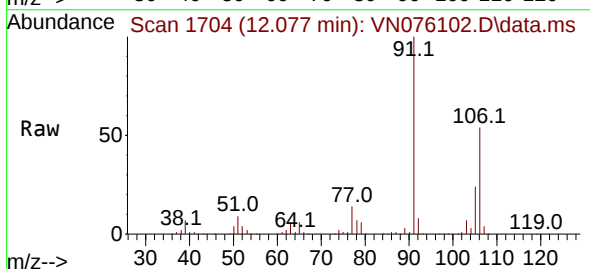
Manual Integrations
APPROVED

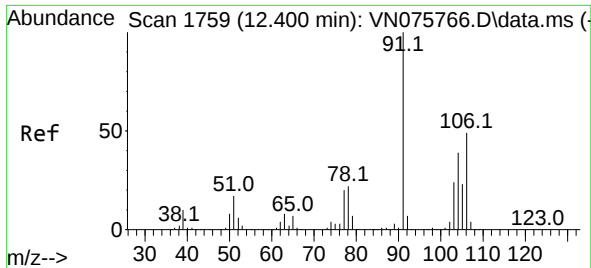
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#68
m/p-Xylenes
Concen: 100.943 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Tgt Ion:106 Resp: 667193
Ion Ratio Lower Upper
106 100
91 191.7 156.6 235.0





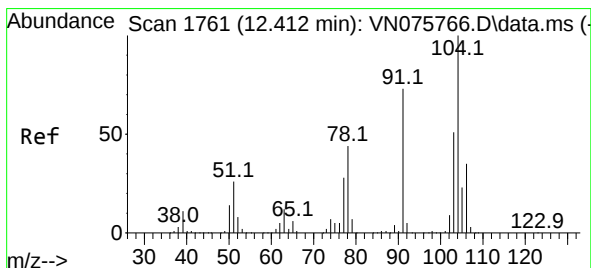
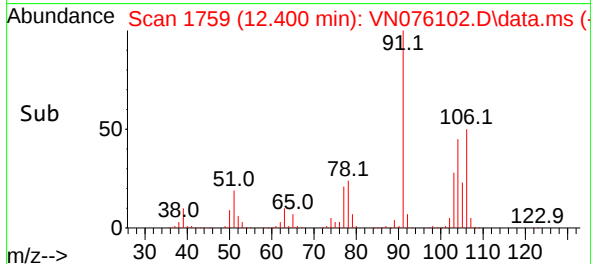
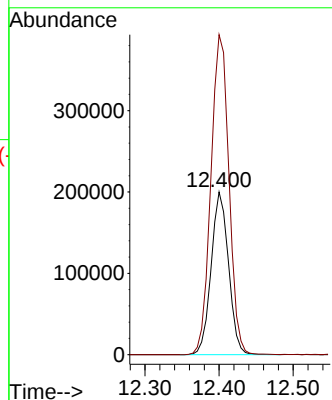
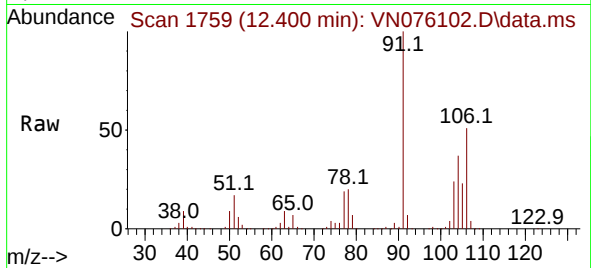
#69
o-Xylene
Concen: 49.792 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 32568
Ion Ratio Lower Upper
106 100
91 204.5 103.8 311.6

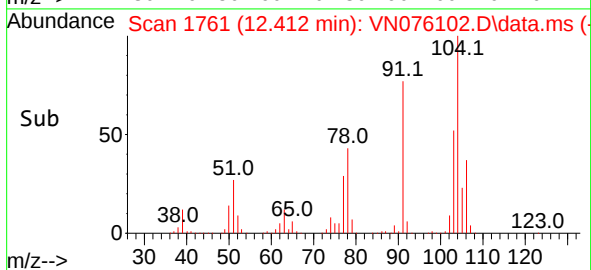
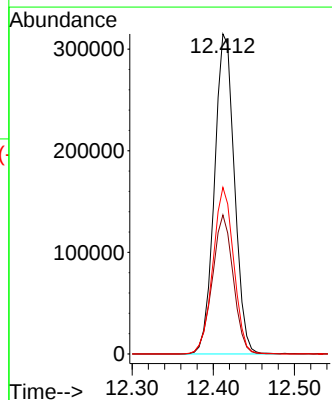
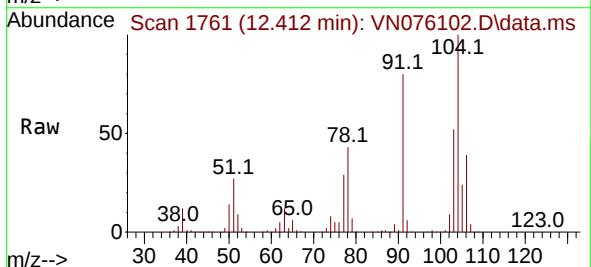
Manual Integrations
APPROVED

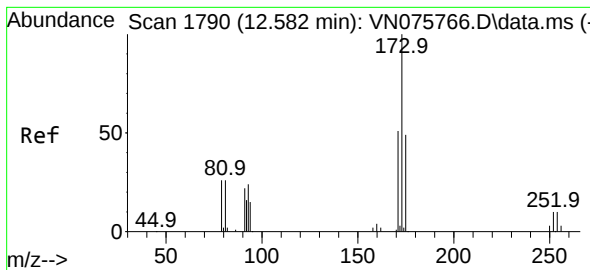
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#70
Styrene
Concen: 51.851 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Tgt Ion:104 Resp: 539253
Ion Ratio Lower Upper
104 100
78 45.5 37.5 56.3
103 54.2 43.5 65.3





#71

Bromoform

Concen: 50.736 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 135300

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.8

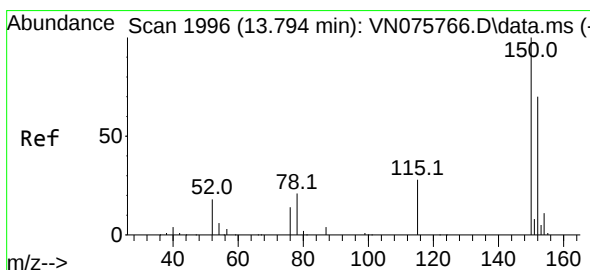
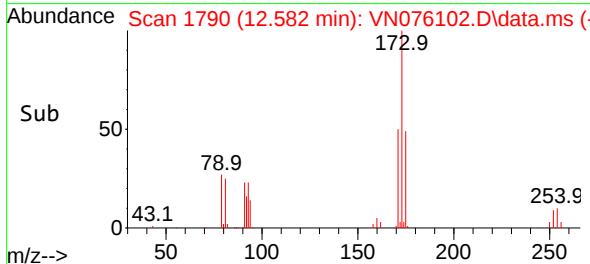
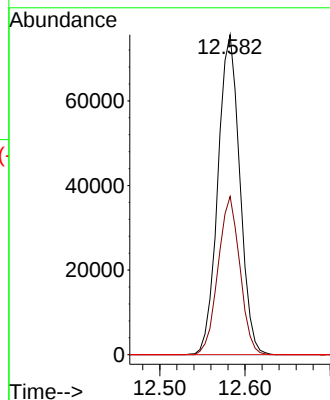
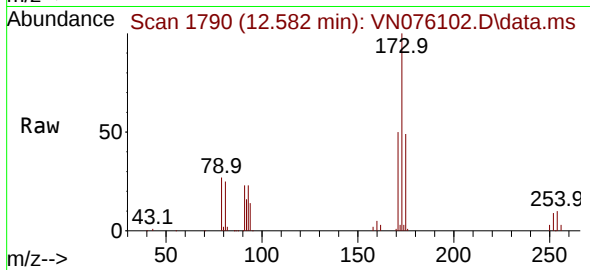
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2023

Supervised By :Mahesh Dadoda 01/07/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

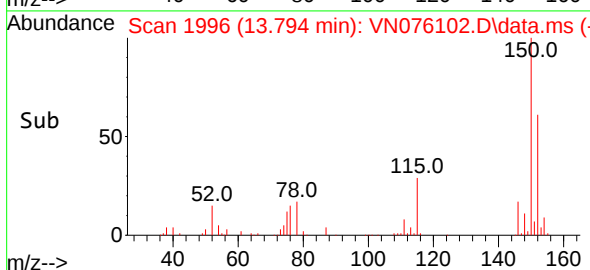
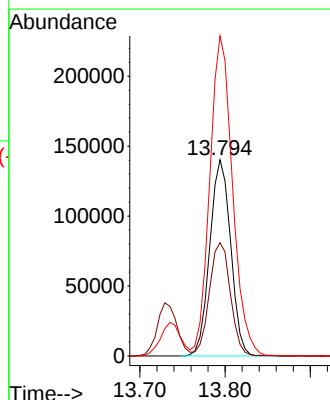
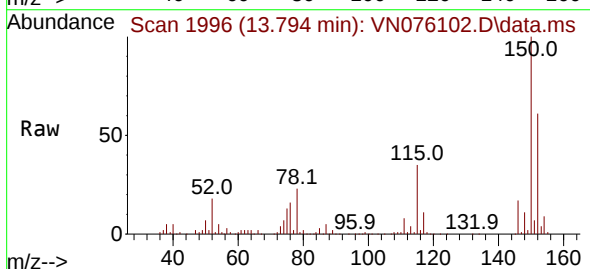
Tgt Ion:152 Resp: 238876

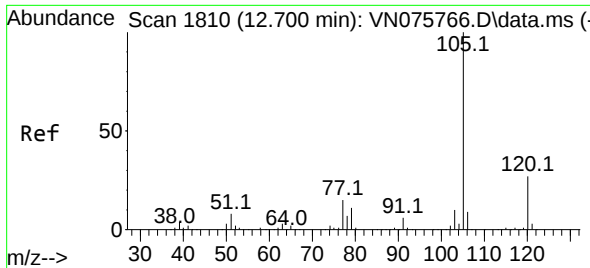
Ion Ratio Lower Upper

152 100

115 58.3 29.1 87.4

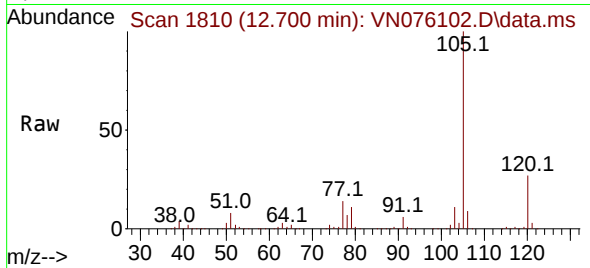
150 177.8 0.0 347.0





#73
Isopropylbenzene
Concen: 48.633 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

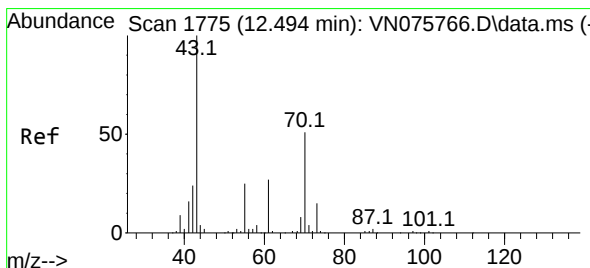
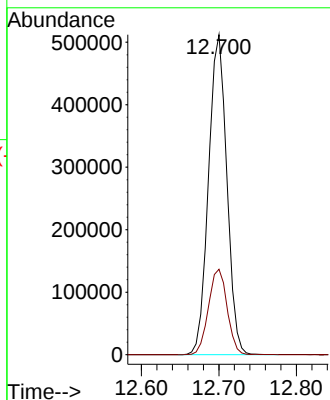
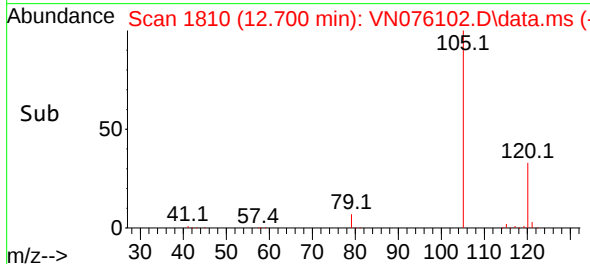
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



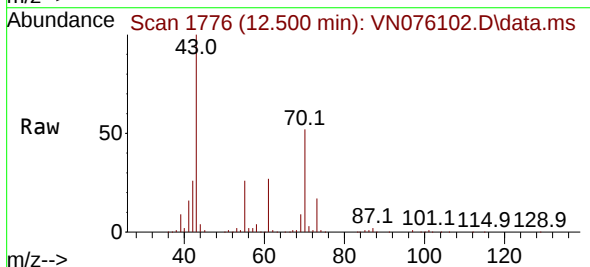
Tgt Ion:105 Resp: 83951
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2

Manual Integrations
APPROVED

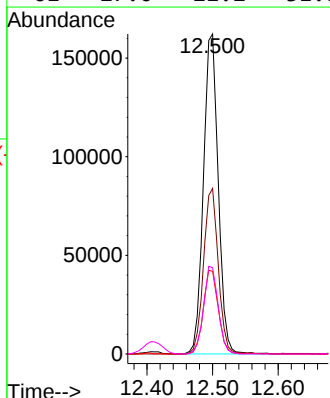
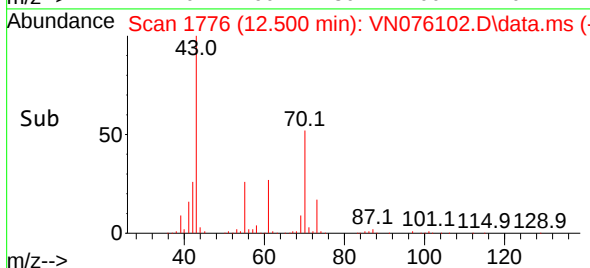
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023

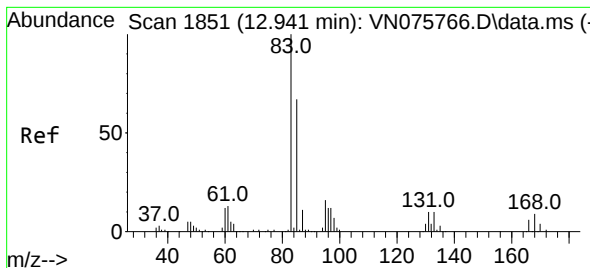


#74
N-ethyl acetate
Concen: 50.403 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38



Tgt Ion: 43 Resp: 255248
Ion Ratio Lower Upper
43 100
70 51.7 41.4 62.0
55 26.4 21.3 31.9
61 27.0 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 44.840 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

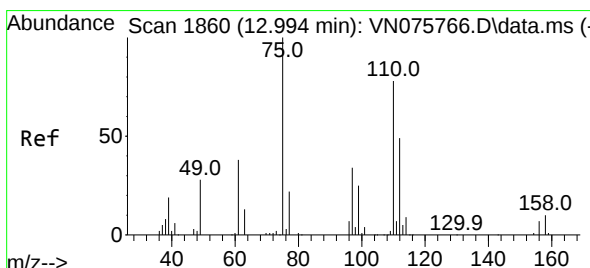
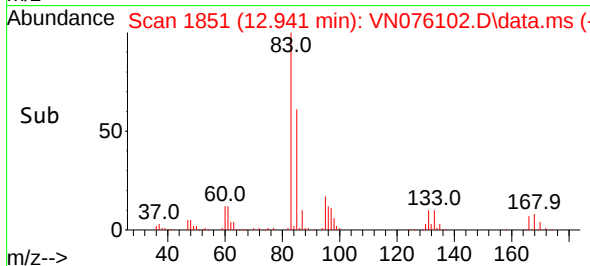
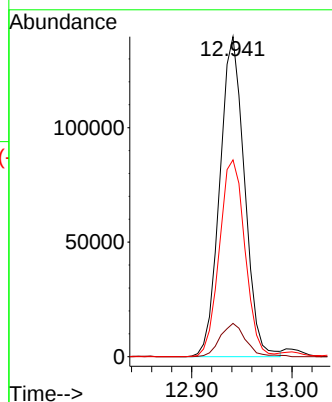
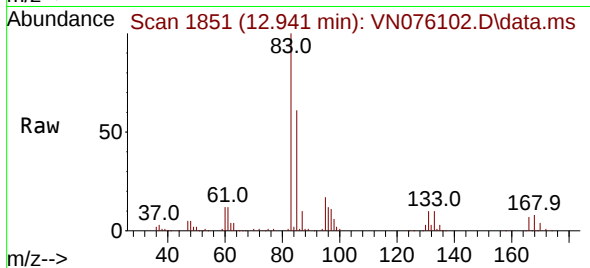
VSTDCCC050

Tgt Ion: 83 Resp: 239285
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 63.6 32.6 98.0

Manual Integrations

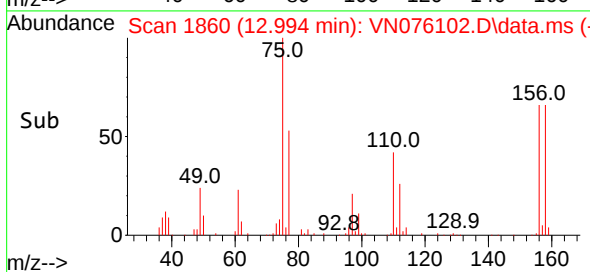
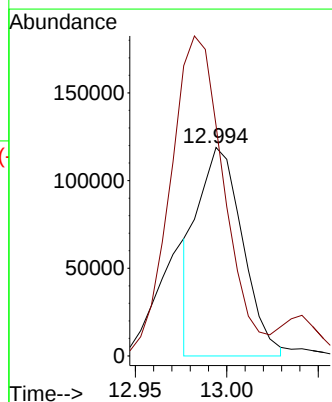
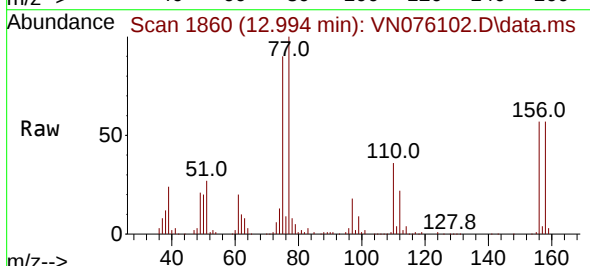
APPROVED

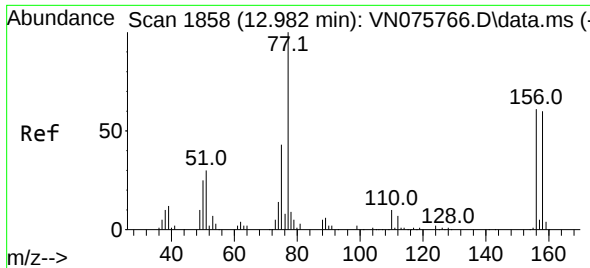
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#76
1,2,3-Trichloropropane
Concen: 42.193 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

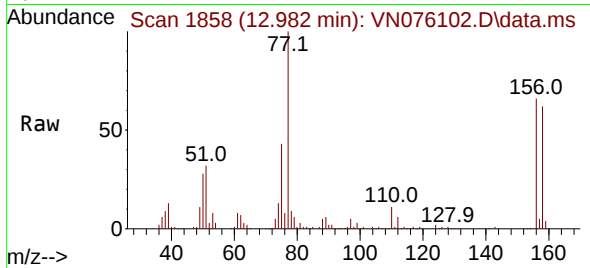
Tgt Ion: 75 Resp: 203166
Ion Ratio Lower Upper
75 100
77 183.3 82.6 247.8





#77
Bromobenzene
Concen: 47.301 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

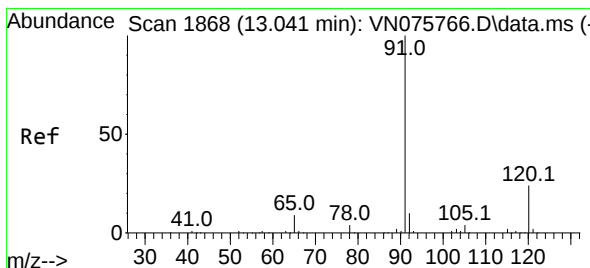
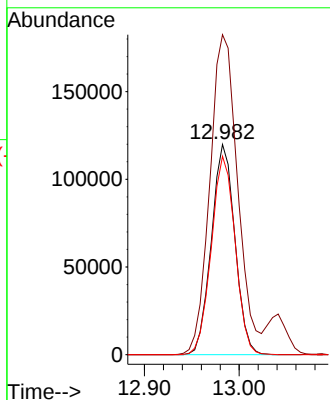
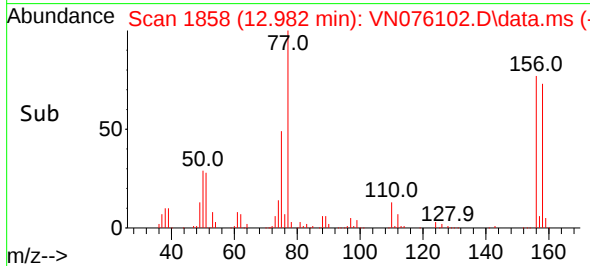
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



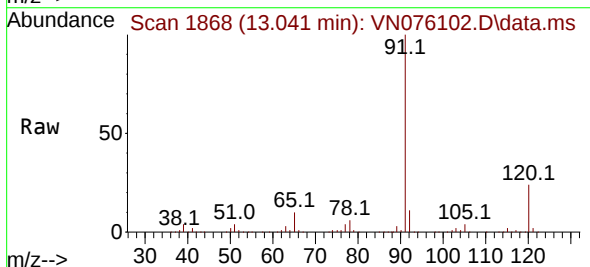
Tgt Ion:156 Resp: 20664
Ion Ratio Lower Upper
156 100
77 180.2 93.8 281.3
158 95.6 48.9 146.6

Manual Integrations
APPROVED

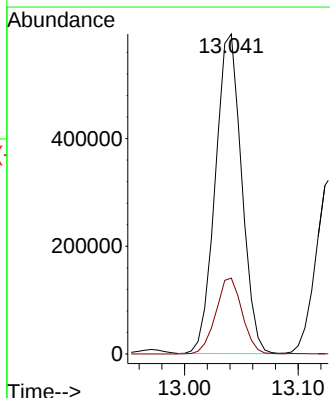
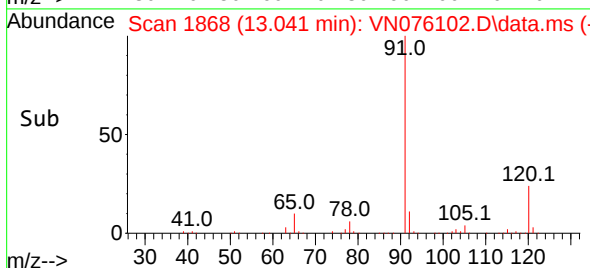
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023

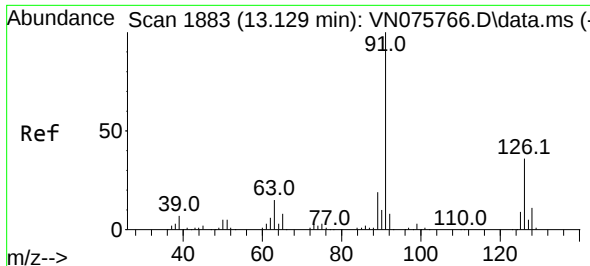


#78
n-propylbenzene
Concen: 50.211 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38



Tgt Ion: 91 Resp: 955978
Ion Ratio Lower Upper
91 100
120 23.8 12.0 36.1





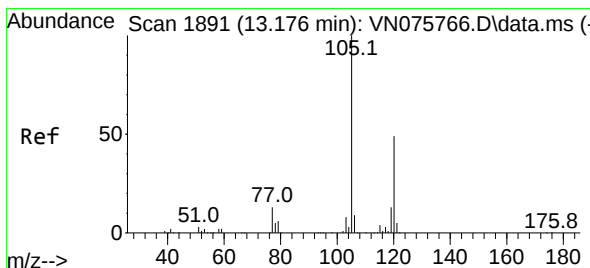
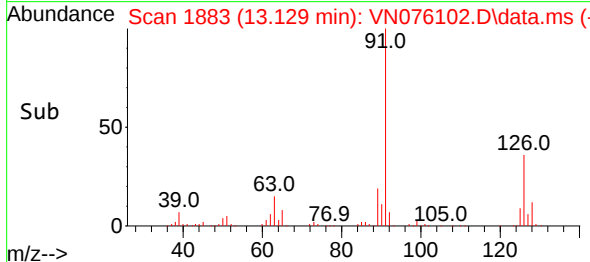
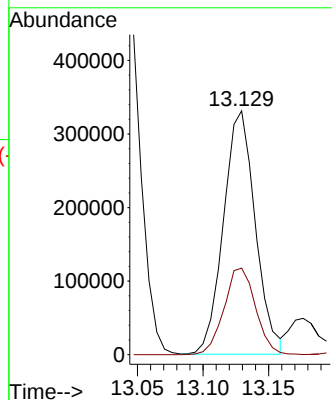
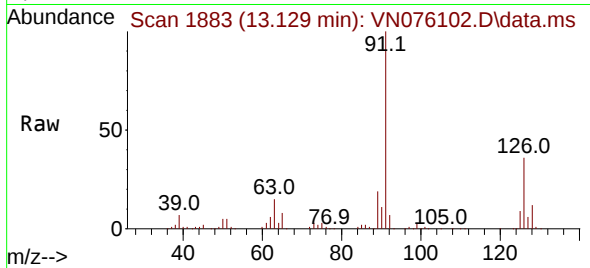
#79
2-Chlorotoluene
Concen: 47.068 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 559404
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5

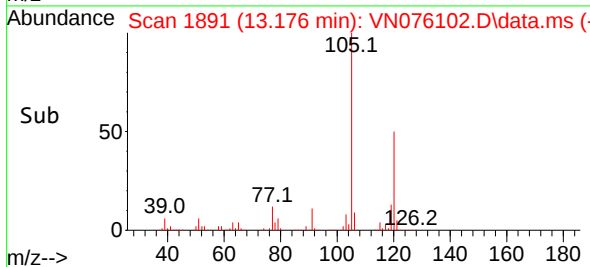
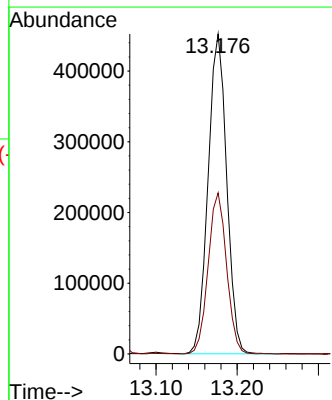
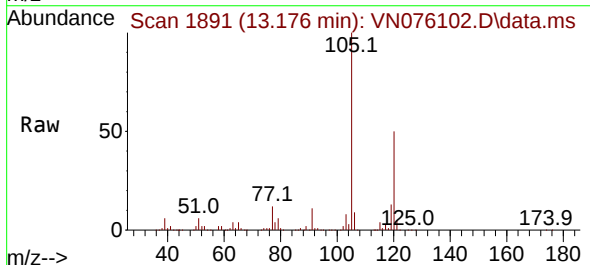
Manual Integrations
APPROVED

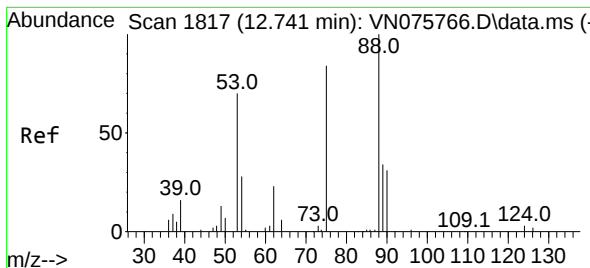
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.582 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

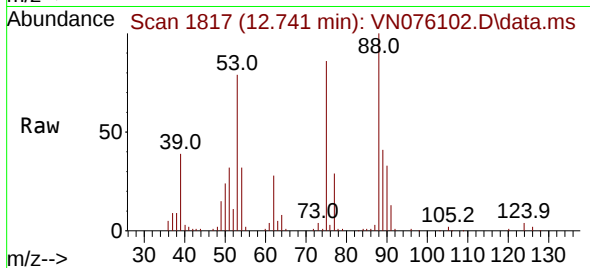
Tgt Ion:105 Resp: 716344
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 51.573 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

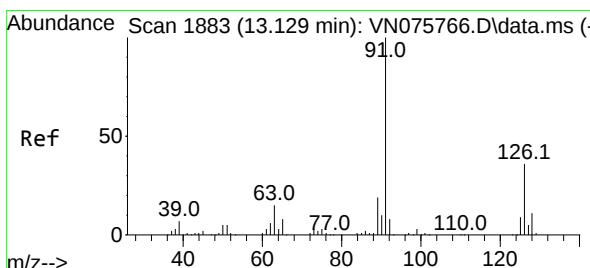
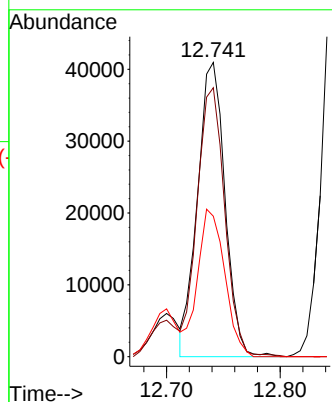
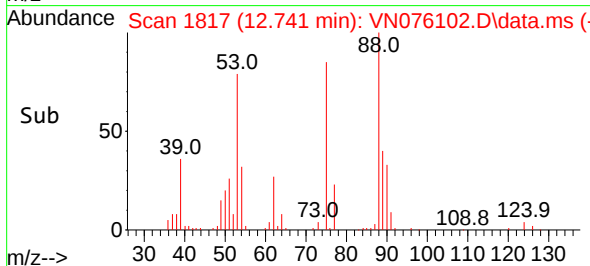
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



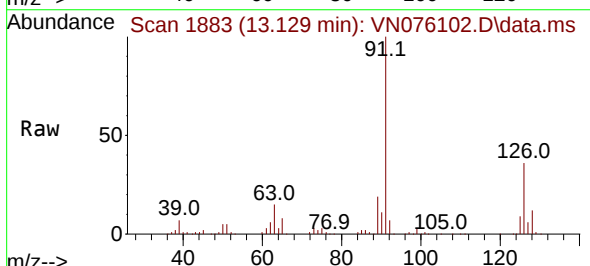
Tgt Ion: 75 Resp: 6899
Ion Ratio Lower Upper
75 100
53 91.9 73.8 110.6
89 49.9 39.5 59.3

Manual Integrations
APPROVED

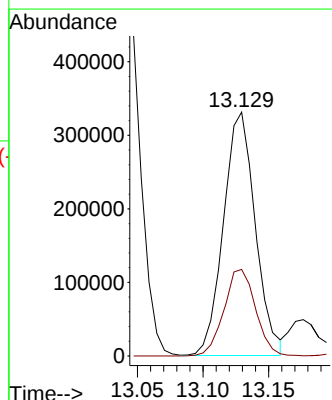
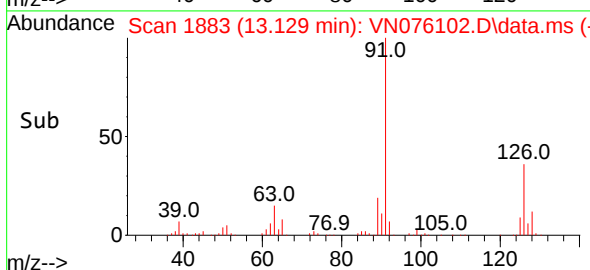
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023

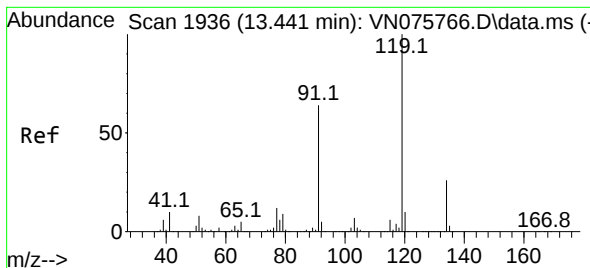


#82
4-Chlorotoluene
Concen: 47.068 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38



Tgt Ion: 91 Resp: 559404
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5





#83

tert-Butylbenzene

Concen: 51.800 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 659830

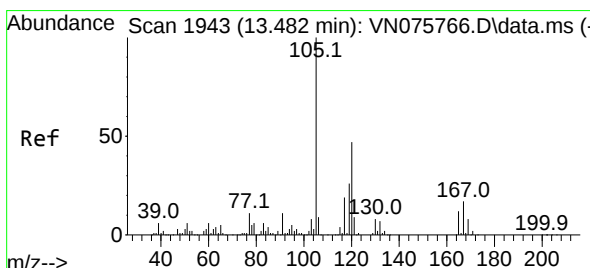
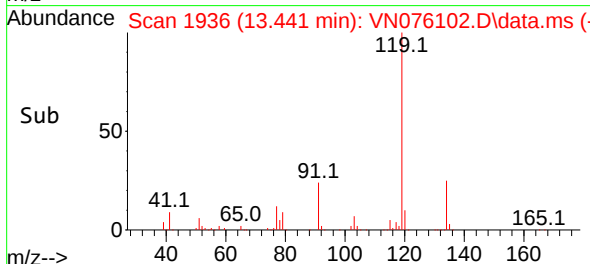
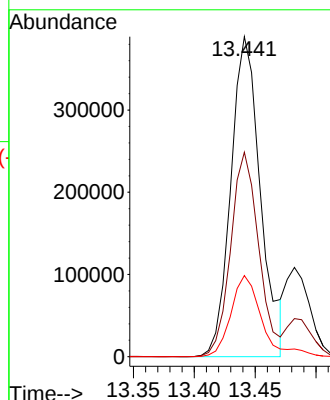
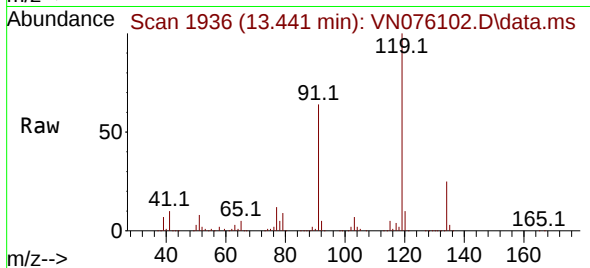
Ion	Ratio	Lower	Upper
119	100		
91	60.8	31.9	95.5
134	26.3	13.8	41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2023

Supervised By :Mahesh Dadoda 01/07/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.859 ug/l

RT: 13.482 min Scan# 1943

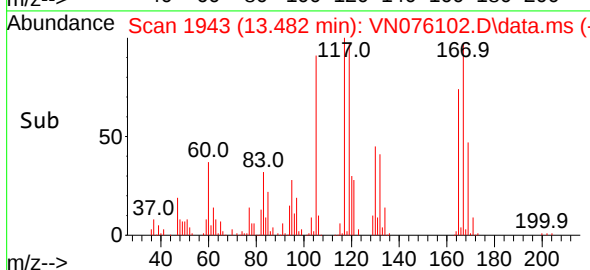
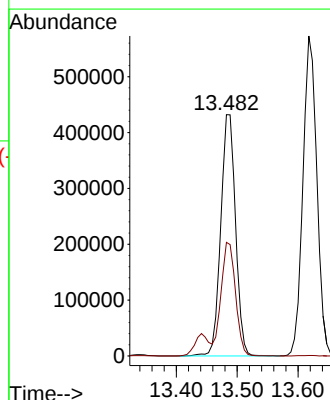
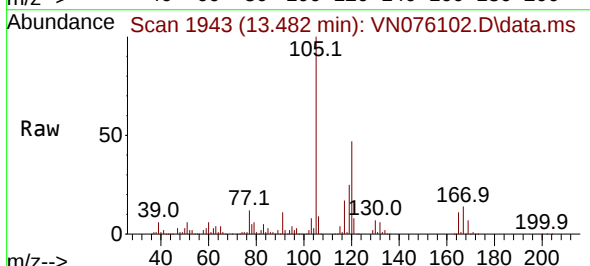
Delta R.T. 0.000 min

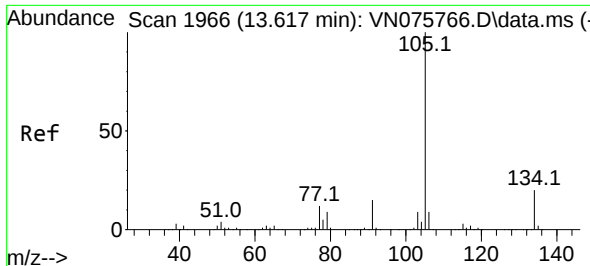
Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

Tgt Ion:105 Resp: 728934

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.3	69.8





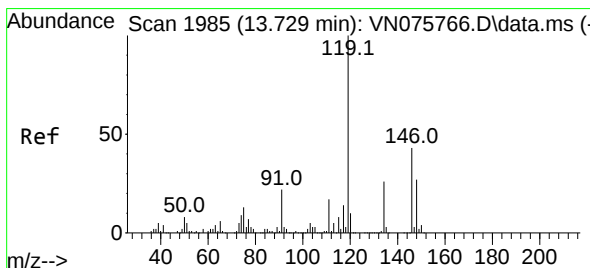
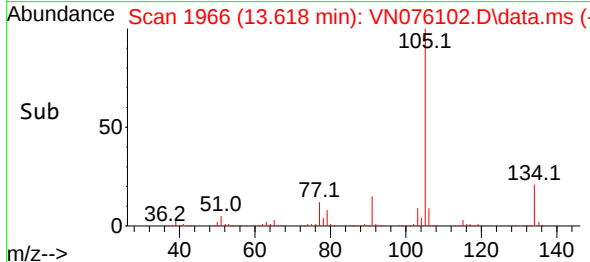
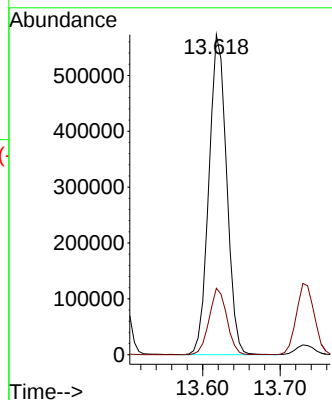
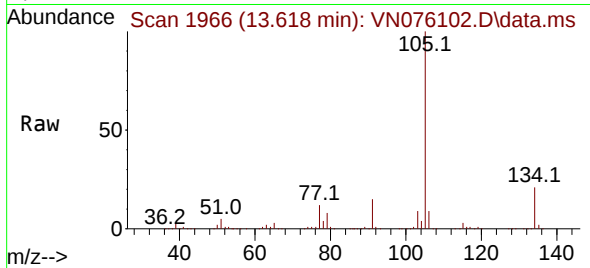
#85
 sec-Butylbenzene
 Concen: 51.759 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076102.D
 Acq: 05 Jan 2023 10:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 91000
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1

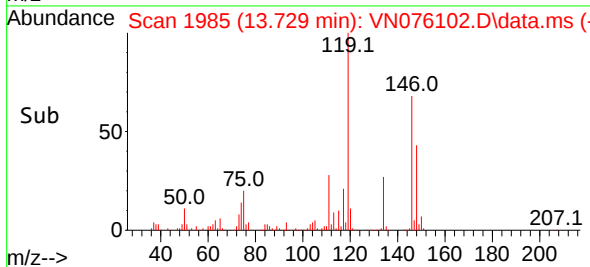
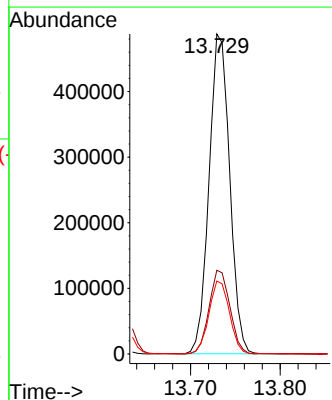
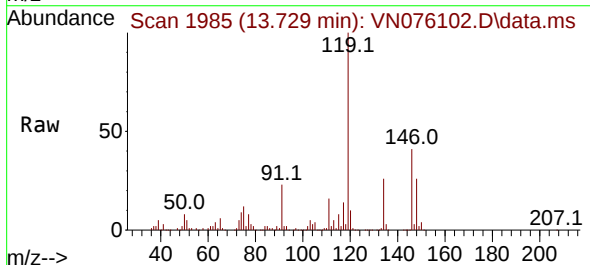
Manual Integrations
 APPROVED

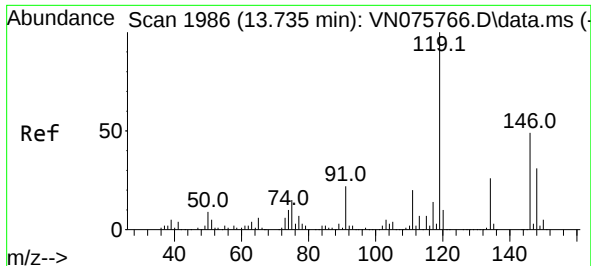
Reviewed By :John Carlone 01/06/2023
 Supervised By :Mahesh Dadoda 01/07/2023



#86
 p-Isopropyltoluene
 Concen: 53.290 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076102.D
 Acq: 05 Jan 2023 10:38

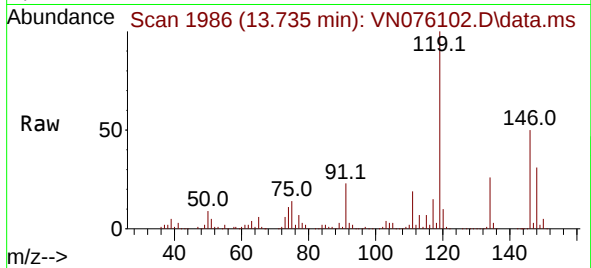
Tgt Ion:119 Resp: 779611
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.0 39.0
 91 22.7 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 48.589 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

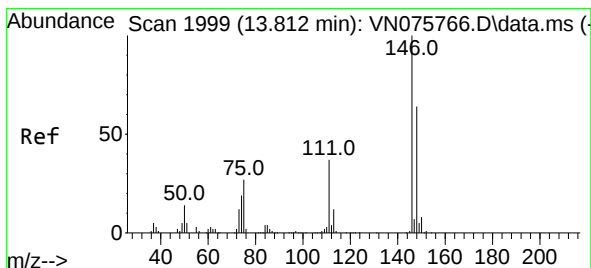
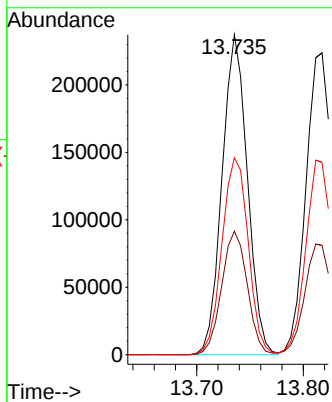
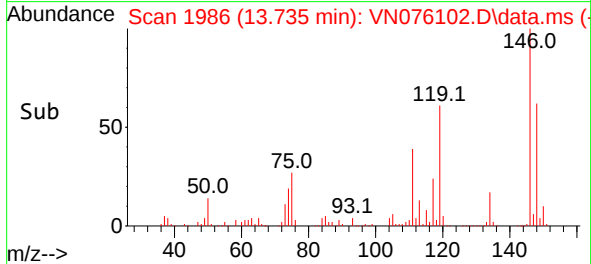
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



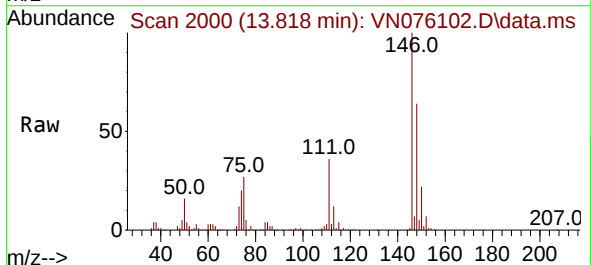
Tgt Ion:146 Resp: 39210
Ion Ratio Lower Upper
146 100
111 39.1 19.7 59.0
148 63.9 31.4 94.2

Manual Integrations
APPROVED

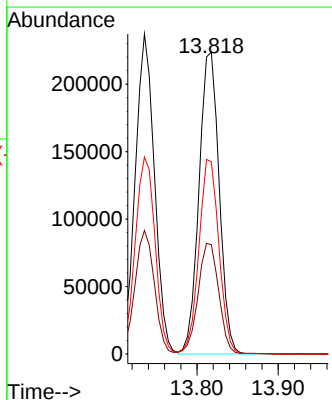
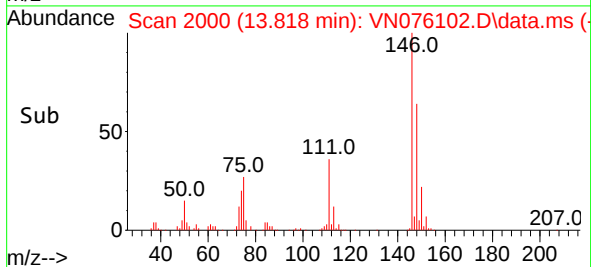
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023

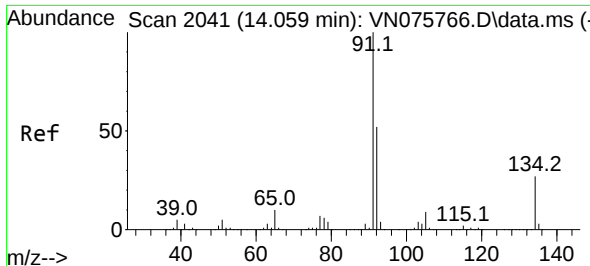


#88
1,4-Dichlorobenzene
Concen: 46.941 ug/l
RT: 13.818 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38



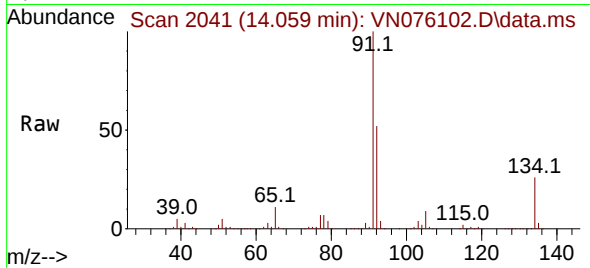
Tgt Ion:146 Resp: 386977
Ion Ratio Lower Upper
146 100
111 37.6 19.1 57.1
148 63.9 32.0 96.2





#89
n-Butylbenzene
Concen: 54.085 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

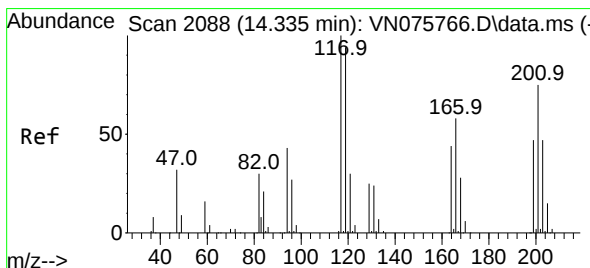
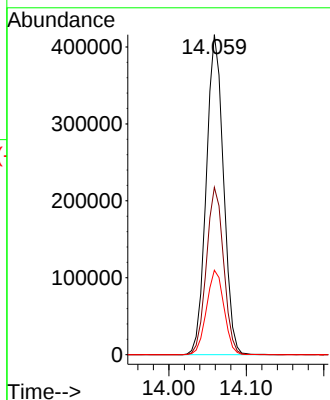
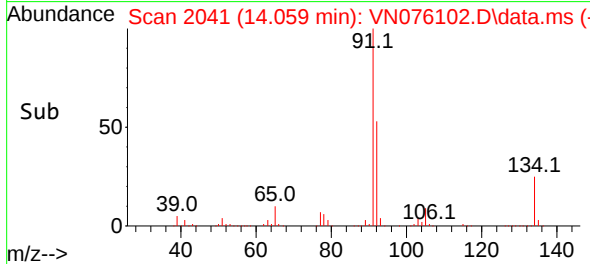
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 641000
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.2
134 26.8 13.4 40.2

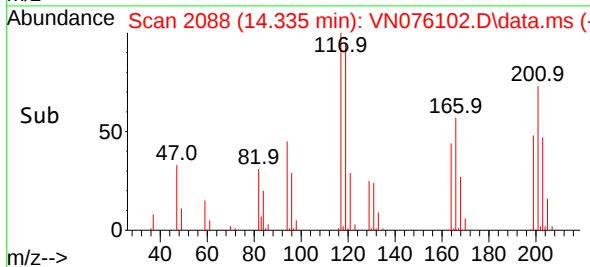
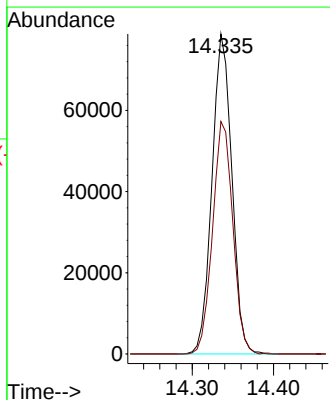
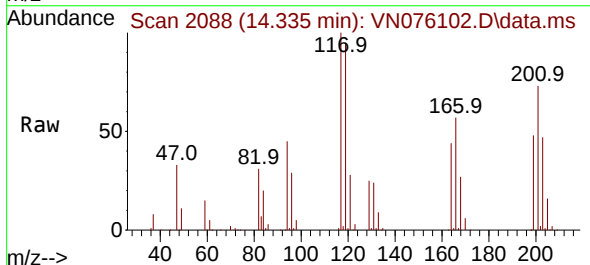
Manual Integrations
APPROVED

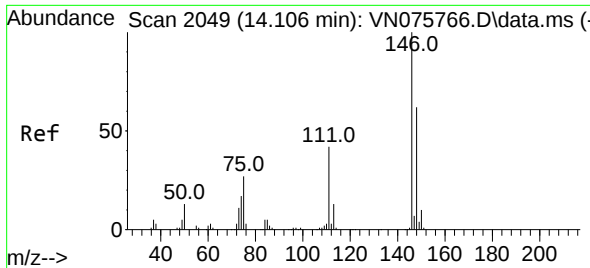
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#90
Hexachloroethane
Concen: 51.211 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Tgt Ion:117 Resp: 134015
Ion Ratio Lower Upper
117 100
201 74.1 38.0 114.1





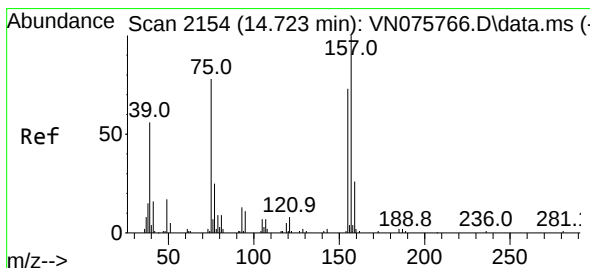
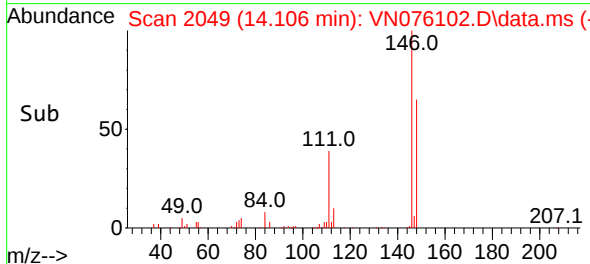
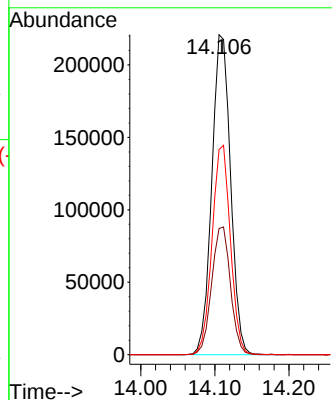
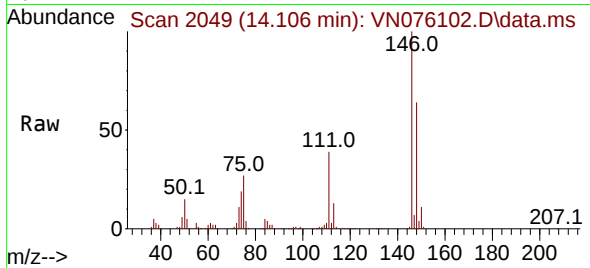
#91
1,2-Dichlorobenzene
Concen: 48.831 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 38814
Ion Ratio Lower Upper
146 100
111 40.0 20.3 61.0
148 64.2 31.7 95.1

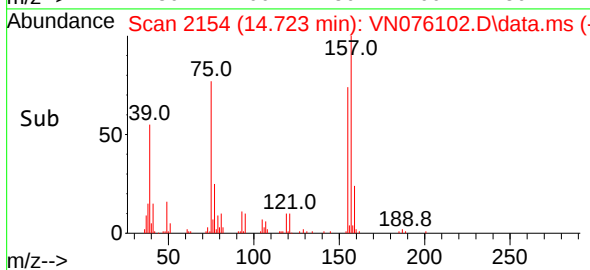
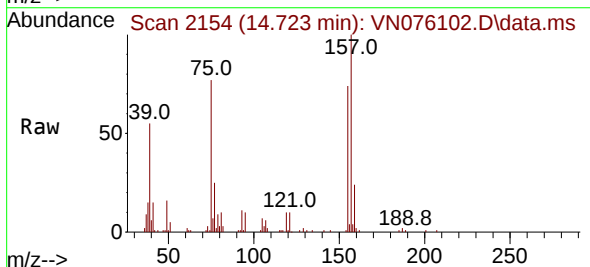
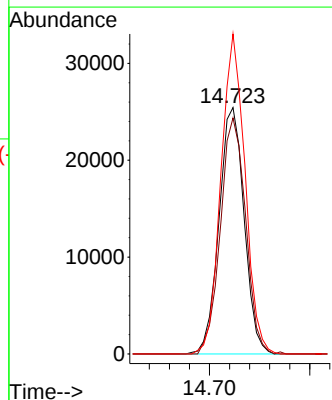
Manual Integrations
APPROVED

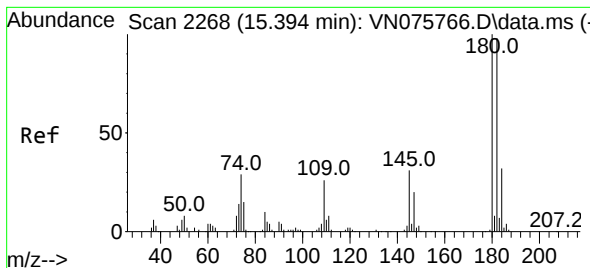
Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.579 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

Tgt Ion: 75 Resp: 44106
Ion Ratio Lower Upper
75 100
155 96.0 49.3 147.8
157 124.1 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 51.881 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 204164

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.5

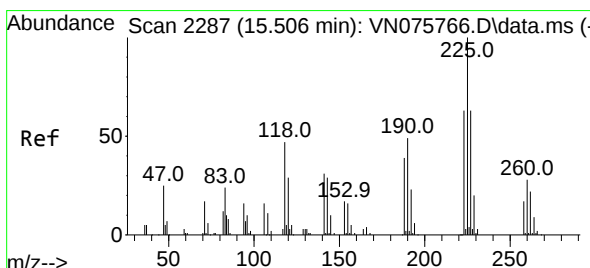
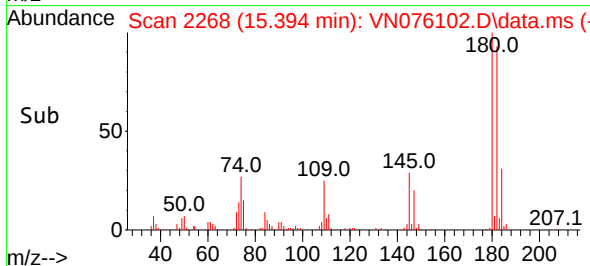
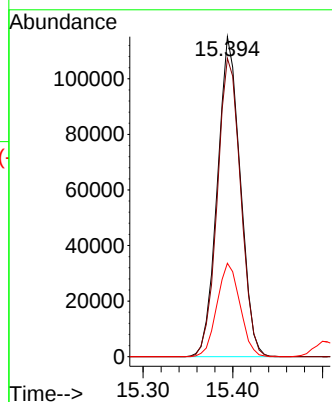
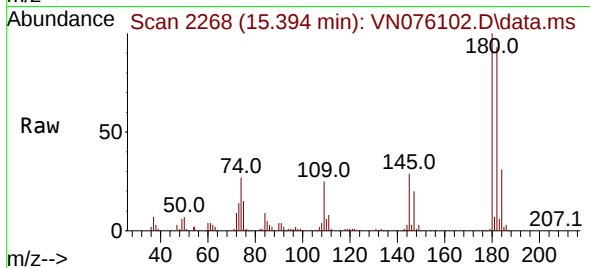
145 29.3 15.3 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2023

Supervised By :Mahesh Dadoda 01/07/2023



#94

Hexachlorobutadiene

Concen: 50.183 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN076102.D

Acq: 05 Jan 2023 10:38

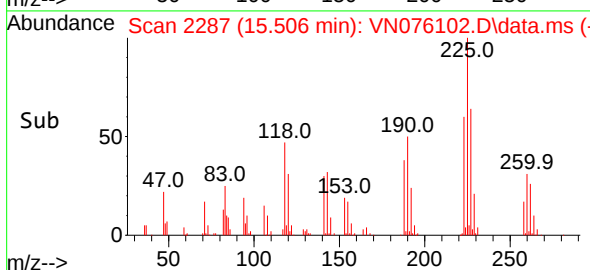
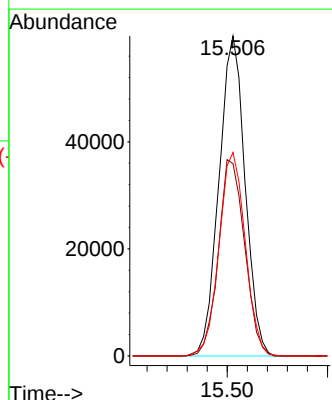
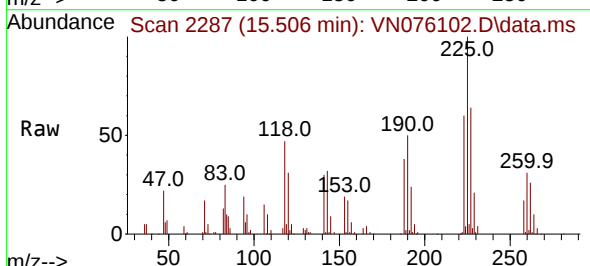
Tgt Ion:225 Resp: 107743

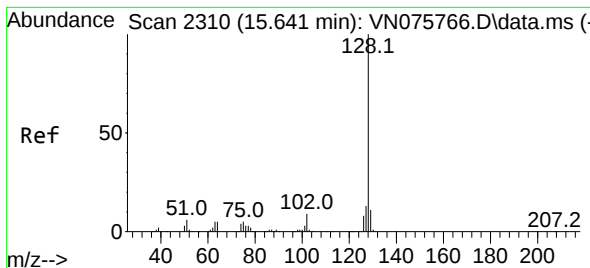
Ion Ratio Lower Upper

225 100

223 61.7 31.5 94.5

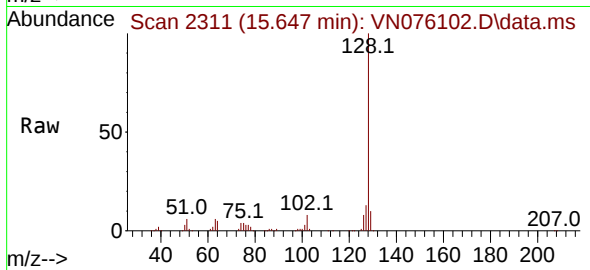
227 63.8 31.6 95.0





#95
Naphthalene
Concen: 44.715 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38

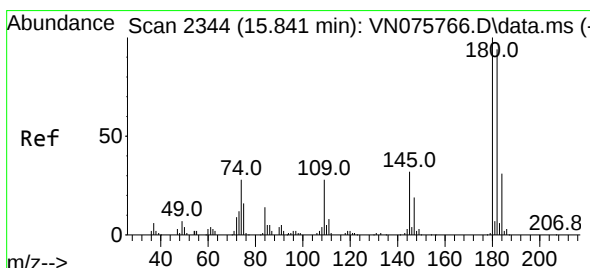
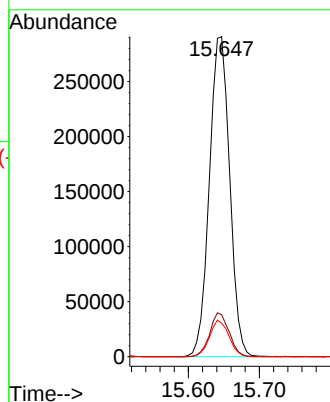
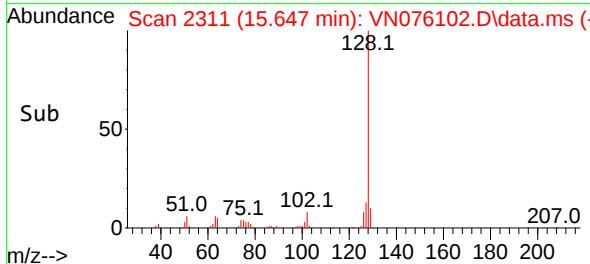
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



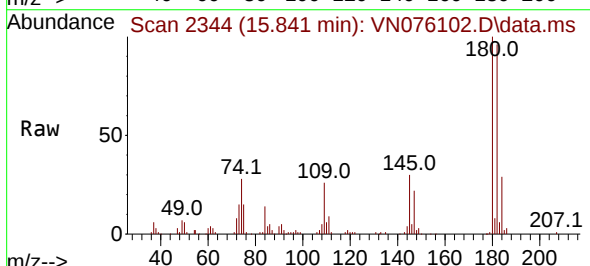
Tgt Ion:128 Resp: 578180
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.984 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN076102.D
Acq: 05 Jan 2023 10:38



Tgt Ion:180 Resp: 194877
Ion Ratio Lower Upper
180 100
182 96.0 47.0 141.0
145 31.0 16.0 47.9

