

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076881.D
 Acq On : 08 Mar 2023 15:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2023
 Supervised By : Mahesh Dadoda 03/09/2023

Quant Time: Mar 09 03:21:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	598836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1034155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	913064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	416728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	368074	43.840	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.680%		
35) Dibromofluoromethane	8.172	113	293757	45.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.820%		
50) Toluene-d8	10.566	98	1193551	47.886	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.780%		
62) 4-Bromofluorobenzene	12.854	95	428235	49.583	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	322886	46.338	ug/l	98
3) Chloromethane	2.378	50	360768	39.364	ug/l	97
4) Vinyl Chloride	2.531	62	333404	39.689	ug/l	98
5) Bromomethane	2.954	94	209282	37.914	ug/l	95
6) Chloroethane	3.131	64	204720	41.437	ug/l	99
7) Trichlorofluoromethane	3.507	101	560349	45.717	ug/l	99
8) Diethyl Ether	3.972	74	228900	48.548	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.384	101	335884	46.868	ug/l	100
10) Methyl Iodide	4.607	142	393302	52.618	ug/l	99
11) Tert butyl alcohol	5.531	59	266681	213.901	ug/l	99
12) 1,1-Dichloroethene	4.354	96	315785	47.254	ug/l	94
13) Acrolein	4.190	56	302646	187.645	ug/l	99
14) Allyl chloride	5.037	41	505003	45.264	ug/l #	78
15) Acrylonitrile	5.725	53	881301	219.802	ug/l	99
16) Acetone	4.437	43	869675	237.303	ug/l	98
17) Carbon Disulfide	4.725	76	839009	46.246	ug/l	97
18) Methyl Acetate	5.031	43	536127	42.692	ug/l #	87
19) Methyl tert-butyl Ether	5.807	73	1080258	47.141	ug/l	98
20) Methylene Chloride	5.284	84	365600	42.757	ug/l #	83
21) trans-1,2-Dichloroethene	5.801	96	338453	46.841	ug/l	87
22) Diisopropyl ether	6.678	45	1173451	46.750	ug/l #	94
23) Vinyl Acetate	6.613	43	3705488	231.763	ug/l #	91
24) 1,1-Dichloroethane	6.578	63	665053	46.464	ug/l	98
25) 2-Butanone	7.489	43	1191900	222.639	ug/l #	86
26) 2,2-Dichloropropane	7.495	77	520067	49.615	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	393026	46.432	ug/l	87
28) Bromochloromethane	7.819	49	271826	44.910	ug/l #	78
29) Tetrahydrofuran	7.842	42	751909	217.721	ug/l #	80
30) Chloroform	7.972	83	655772	46.129	ug/l	96
31) Cyclohexane	8.260	56	616771	43.487	ug/l	88
32) 1,1,1-Trichloroethane	8.172	97	568732	46.199	ug/l	98
36) 1,1-Dichloropropene	8.377	75	494419	47.550	ug/l	97
37) Ethyl Acetate	7.566	43	461097	43.203	ug/l	93
38) Carbon Tetrachloride	8.366	117	496839	47.036	ug/l	97
39) Methylcyclohexane	9.601	83	637102	49.709	ug/l #	86
40) Benzene	8.613	78	1501186	47.395	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	254165	43.609	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	496890	45.034	ug/l	96
43) Isopropyl Acetate	8.689	43	746899	45.712	ug/l #	92
44) Trichloroethene	9.354	130	374194	49.826	ug/l	96
45) 1,2-Dichloropropane	9.624	63	392508	47.954	ug/l	98
46) Dibromomethane	9.713	93	244718	47.073	ug/l	97
47) Bromodichloromethane	9.889	83	510419	47.758	ug/l	99
48) Methyl methacrylate	9.683	41	366200	46.124	ug/l #	79
49) 1,4-Dioxane	9.695	88	133395	916.669	ug/l #	85
51) 4-Methyl-2-Pentanone	10.448	43	2337963	226.853	ug/l	92
52) Toluene	10.630	92	932243	49.430	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	535458	51.686	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	605878	50.915	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	353467	47.113	ug/l	96
56) Ethyl methacrylate	10.877	69	560817	50.170	ug/l #	85
57) 1,3-Dichloropropane	11.166	76	615173	47.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	859649	221.951	ug/l	92
59) 2-Hexanone	11.195	43	1736697	232.551	ug/l	90
60) Dibromochloromethane	11.360	129	376232	50.891	ug/l	98
61) 1,2-Dibromoethane	11.471	107	345553	47.921	ug/l	100
64) Tetrachloroethene	11.107	164	373914	55.029	ug/l	99
65) Chlorobenzene	11.895	112	939923	47.634	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	347542	48.690	ug/l	99
67) Ethyl Benzene	11.966	91	1793080	50.045	ug/l	99
68) m/p-Xylenes	12.071	106	1366879	101.400	ug/l	95
69) o-Xylene	12.401	106	668111	50.330	ug/l	91
70) Styrene	12.413	104	1101278	52.914	ug/l	96
71) Bromoform	12.583	173	251482	51.760	ug/l #	97
73) Isopropylbenzene	12.695	105	1763733	48.554	ug/l	96
74) N-amyl acetate	12.495	43	635693	44.746	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.942	83	466712	40.091	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	440070m	41.872	ug/l	
77) Bromobenzene	12.983	156	378203	47.050	ug/l	90
78) n-propylbenzene	13.036	91	2089211	50.434	ug/l	97
79) 2-Chlorotoluene	13.130	91	1246258	46.900	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	1498425	49.218	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.742	75	152910	47.984	ug/l	88
82) 4-Chlorotoluene	13.224	91	1225854	48.661	ug/l	93
83) tert-Butylbenzene	13.442	119	1266454	48.680	ug/l	94
84) 1,2,4-Trimethylbenzene	13.483	105	1484184	49.421	ug/l	95
85) sec-Butylbenzene	13.618	105	1865410	51.356	ug/l	97
86) p-Isopropyltoluene	13.730	119	1538759	52.964	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	717574	48.890	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	709924	47.636	ug/l	99
89) n-Butylbenzene	14.059	91	1358035	54.107	ug/l	98
90) Hexachloroethane	14.336	117	263572	50.212	ug/l	94
91) 1,2-Dichlorobenzene	14.107	146	707987	47.620	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	94282	42.741	ug/l	89
93) 1,2,4-Trichlorobenzene	15.395	180	402599	54.129	ug/l	98
94) Hexachlorobutadiene	15.506	225	201713	52.086	ug/l	99
95) Naphthalene	15.642	128	1229458	51.605	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	384312	52.570	ug/l	99

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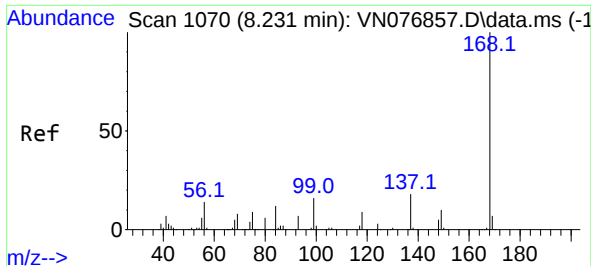
Manual Integrations
APPROVED

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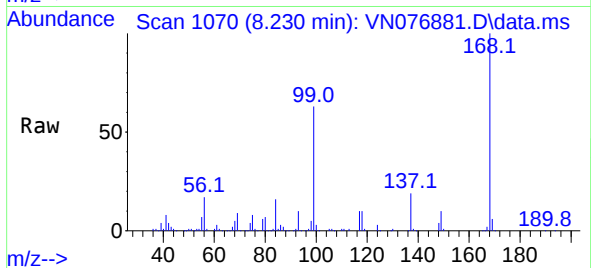
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

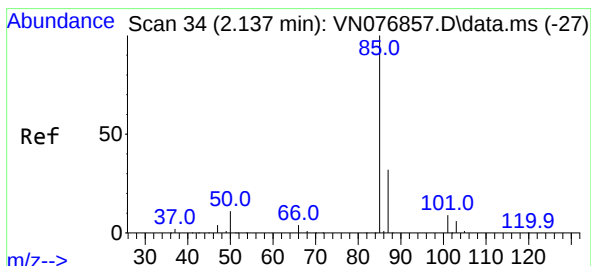
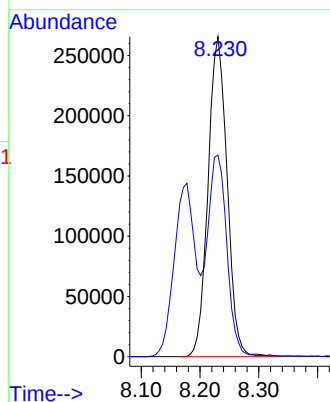
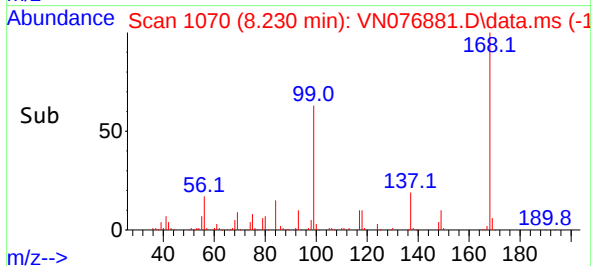
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 598830
Ion Ratio Lower Upper
168 100
99 62.8 48.6 73.0

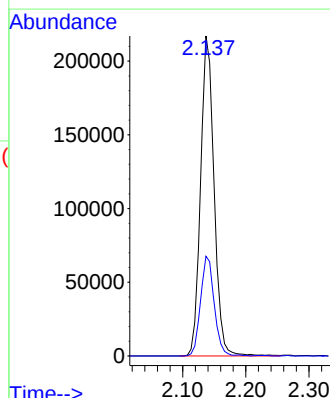
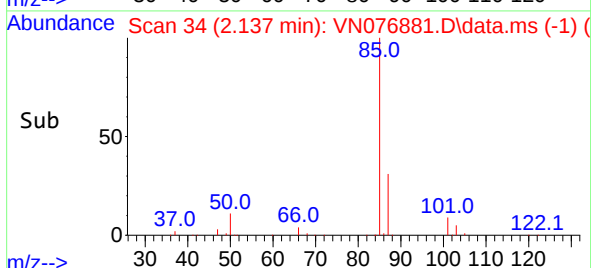
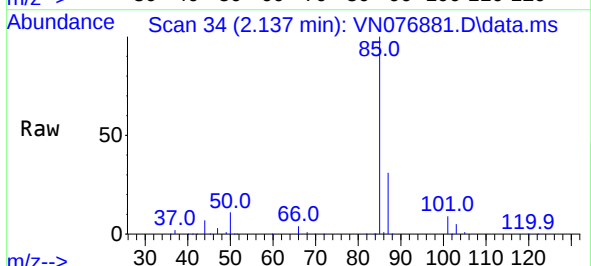
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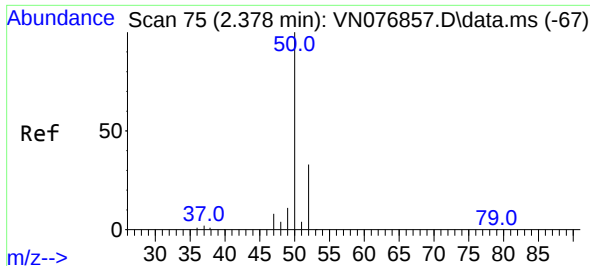
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#2
Dichlorodifluoromethane
Concen: 46.338 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

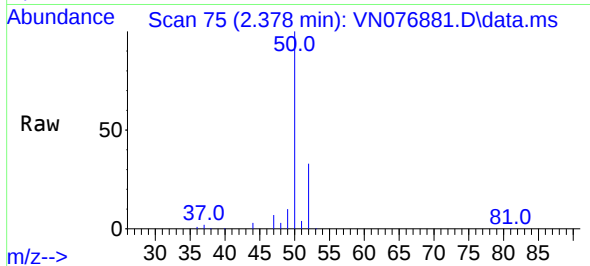
Tgt Ion: 85 Resp: 322886
Ion Ratio Lower Upper
85 100
87 31.1 16.2 48.6





#3
Chloromethane
Concen: 39.364 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

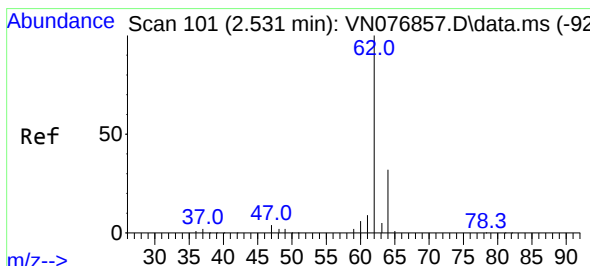
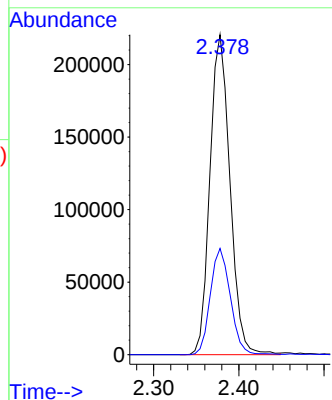
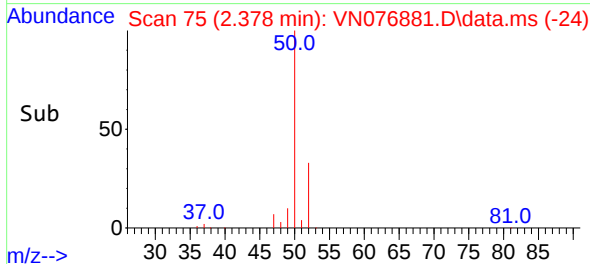
Instrument :
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Tgt Ion: 50 Resp: 360768
Ion Ratio Lower Upper
50 100
52 33.2 27.9 41.9

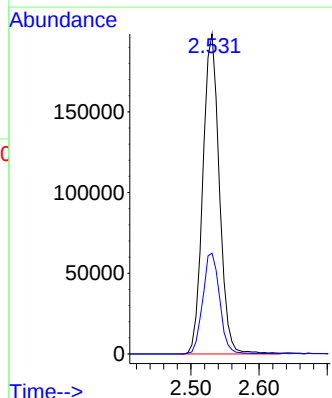
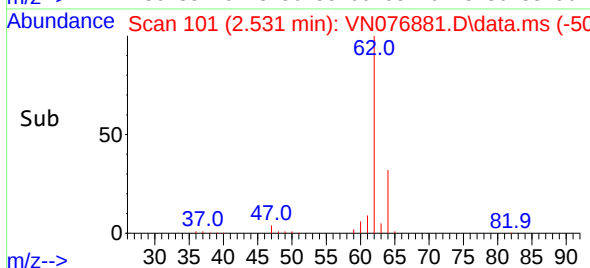
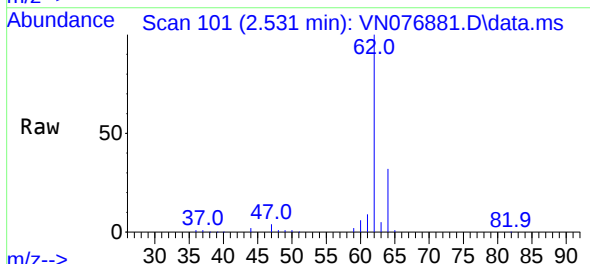
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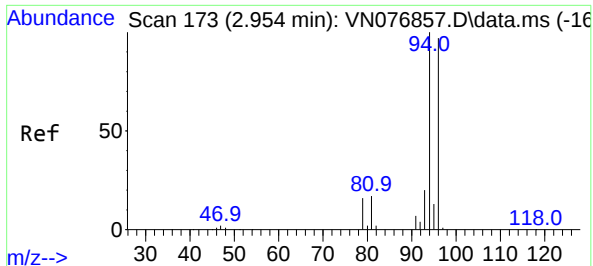
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#4
Vinyl Chloride
Concen: 39.689 ug/l
RT: 2.531 min Scan# 101
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Tgt Ion: 62 Resp: 333404
Ion Ratio Lower Upper
62 100
64 31.5 24.5 36.7





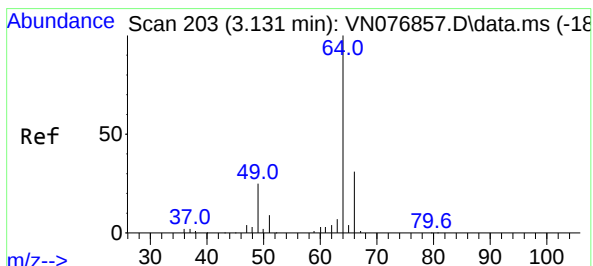
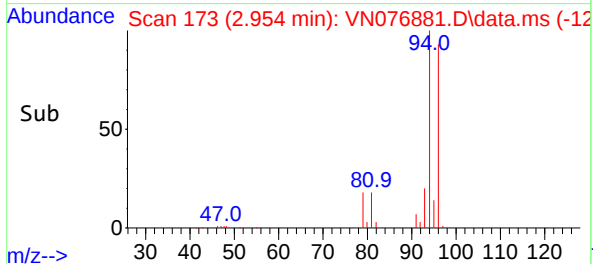
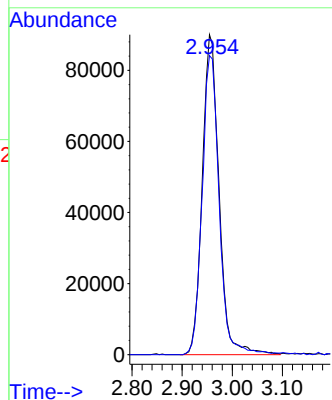
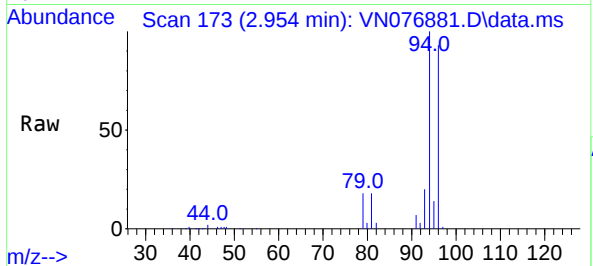
#5
Bromomethane
Concen: 37.914 ug/l
RT: 2.954 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 20928
Ion Ratio Lower Upper
94 100
96 93.4 79.0 118.6

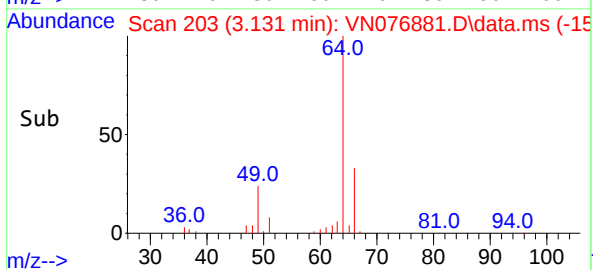
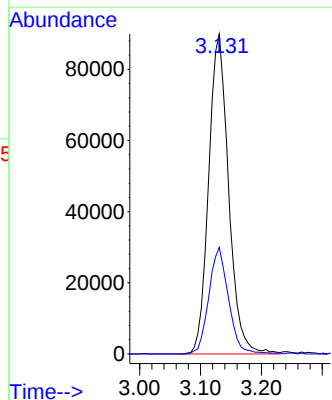
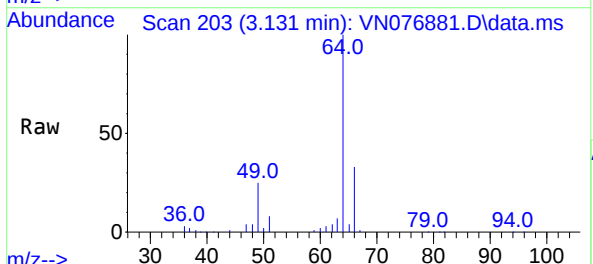
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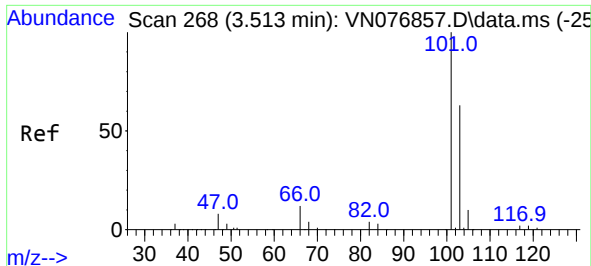
Reviewed By :John Carlone 03/09/2023
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#6
Chloroethane
Concen: 41.437 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Tgt Ion: 64 Resp: 204720
Ion Ratio Lower Upper
64 100
66 33.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 45.717 ug/l
 RT: 3.507 min Scan# 201
 Delta R.T. -0.006 min
 Lab File: VN076881.D
 Acq: 08 Mar 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

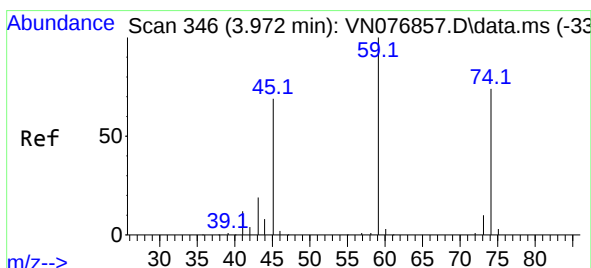
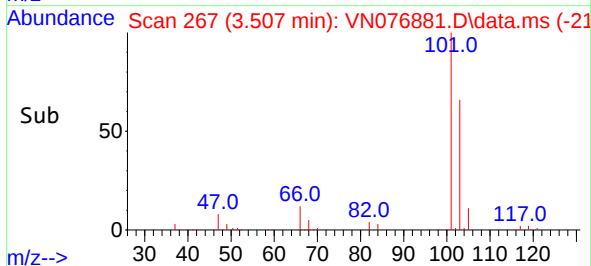
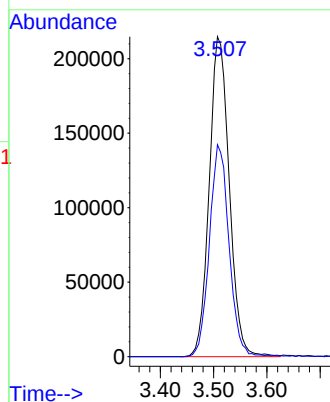
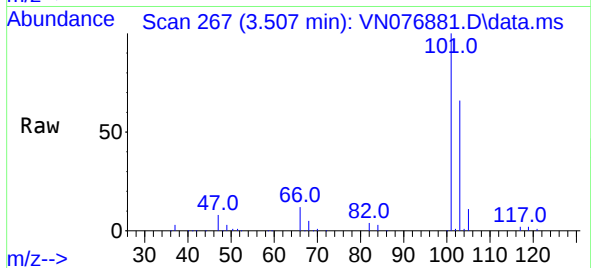
VSTDCCC050EC

Tgt Ion:101 Resp: 560349
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.4 80.0

Manual Integrations

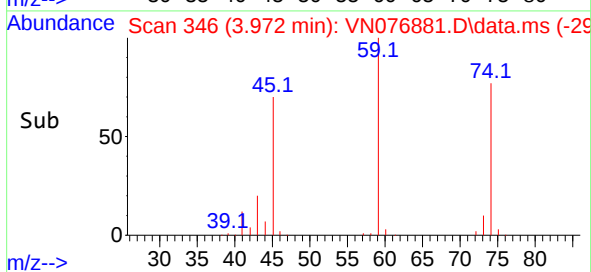
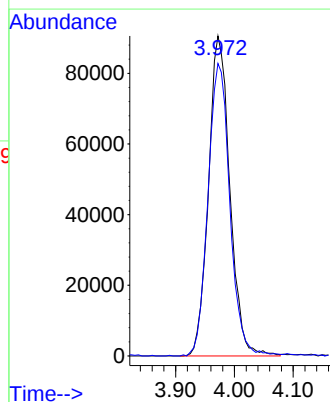
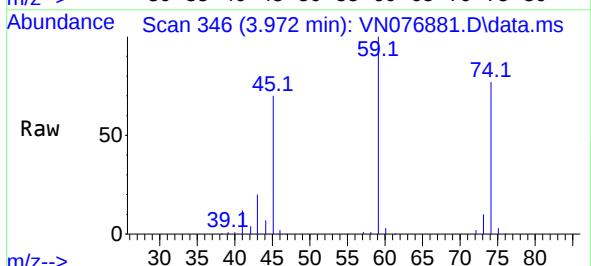
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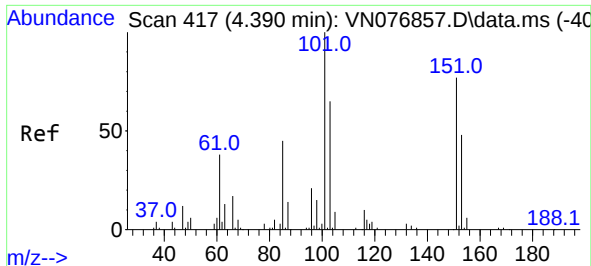
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#8
 Diethyl Ether
 Concen: 48.548 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN076881.D
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Tgt Ion: 74 Resp: 228900
 Ion Ratio Lower Upper
 74 100
 45 93.6 35.5 106.5





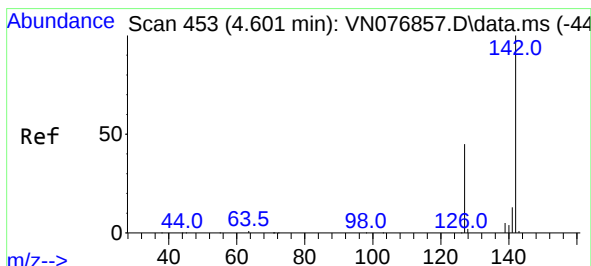
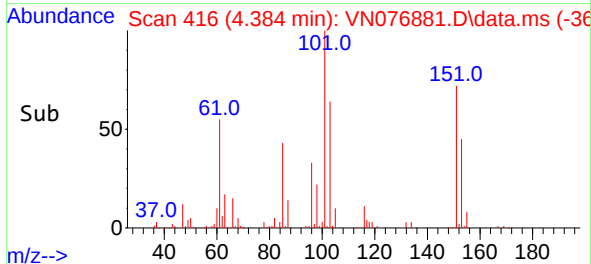
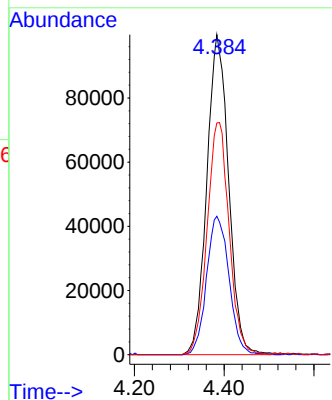
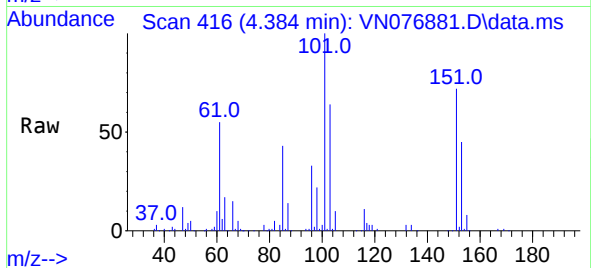
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.868 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 335884
Ion Ratio Lower Upper
101 100
85 44.6 35.2 52.8
151 73.4 58.9 88.3

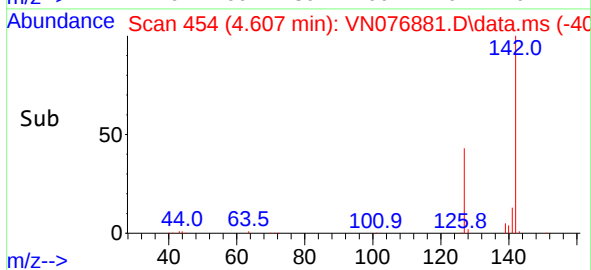
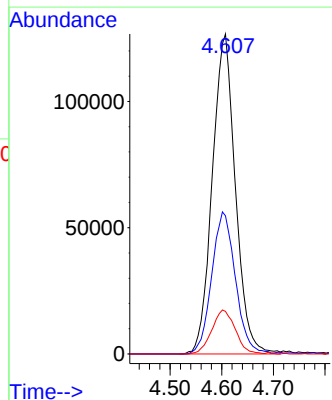
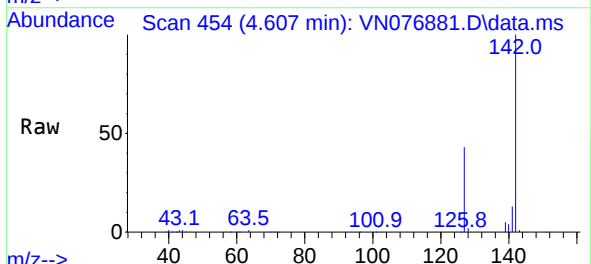
Manual Integrations
APPROVED

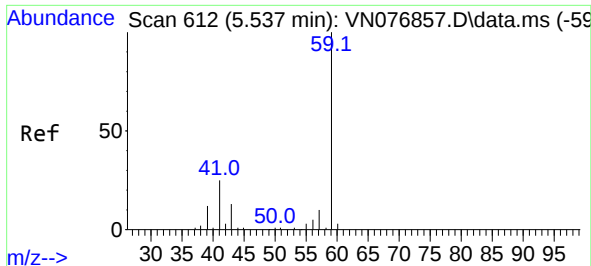
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#10
Methyl Iodide
Concen: 52.618 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Tgt Ion:142 Resp: 393302
Ion Ratio Lower Upper
142 100
127 43.2 35.2 52.8
141 13.3 10.2 15.2





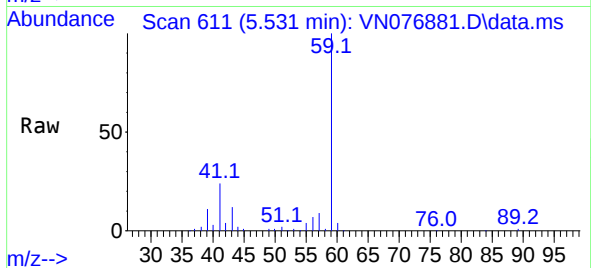
#11
Tert butyl alcohol
Concen: 213.901 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



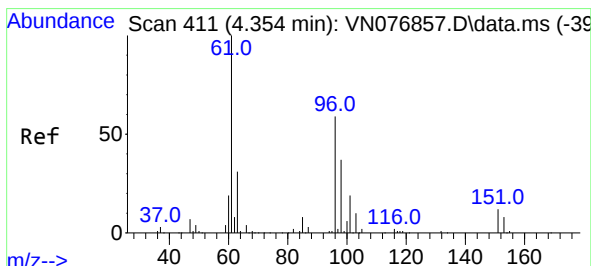
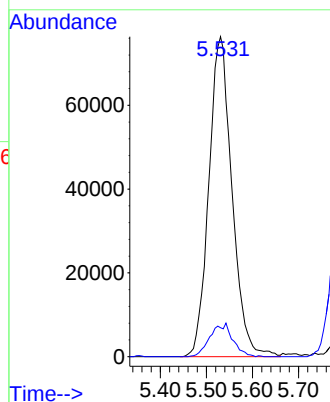
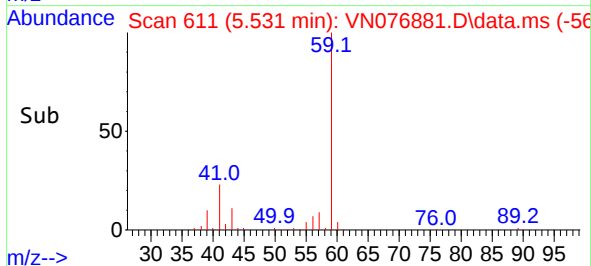
Tgt Ion: 59 Resp: 26668
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

Manual Integrations

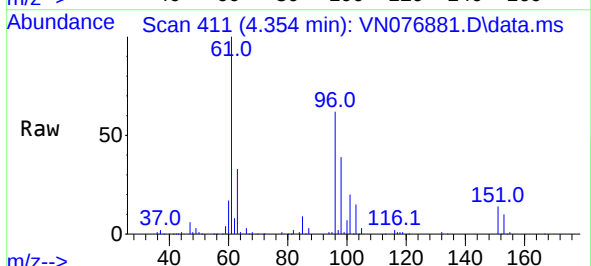
APPROVED

Reviewed By :John Carlone 03/09/2023

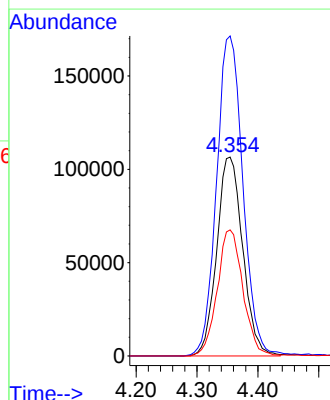
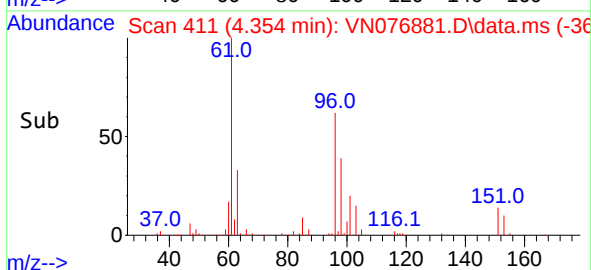
Supervised By :Mahesh Dadoda 03/09/2023

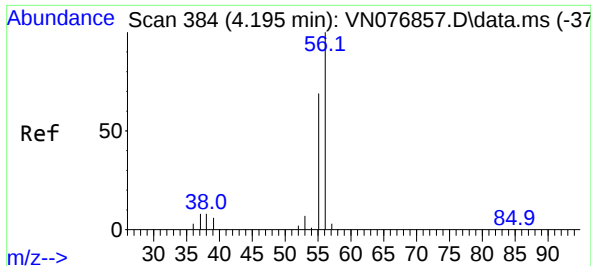


#12
1,1-Dichloroethene
Concen: 47.254 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



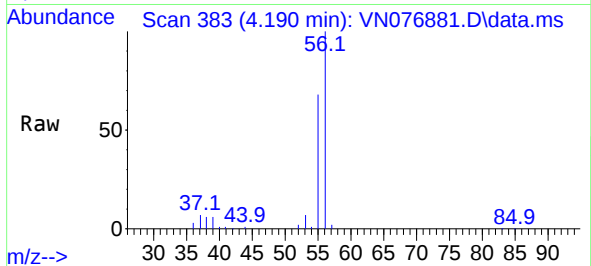
Tgt Ion: 96 Resp: 315785
Ion Ratio Lower Upper
96 100
61 160.9 121.3 181.9
98 63.4 52.1 78.1





#13
Acrolein
Concen: 187.645 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.005 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

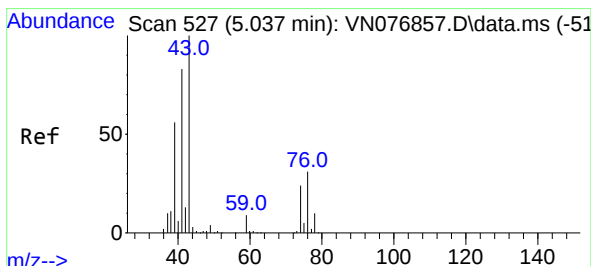
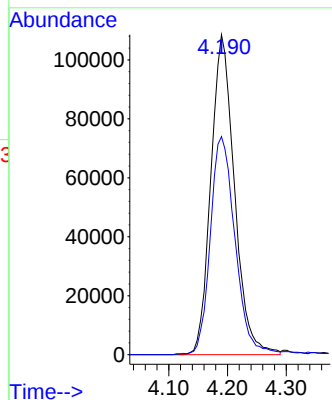
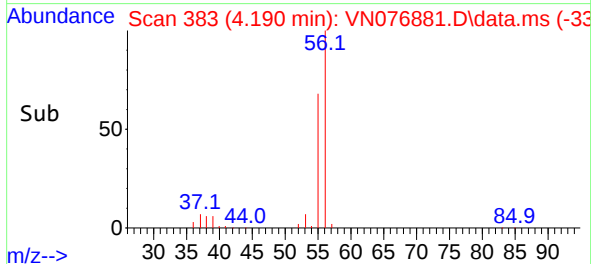
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 302640
Ion Ratio Lower Upper
56 100
55 71.4 56.7 85.1

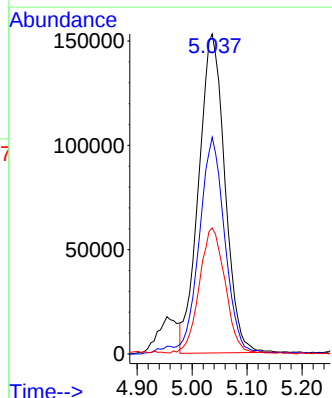
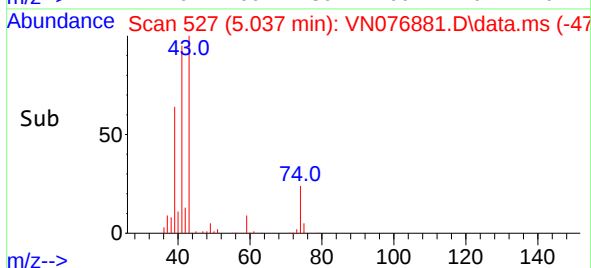
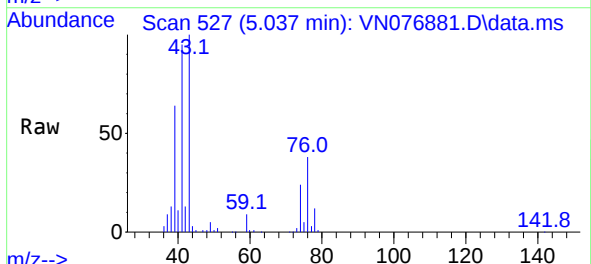
Manual Integrations
APPROVED

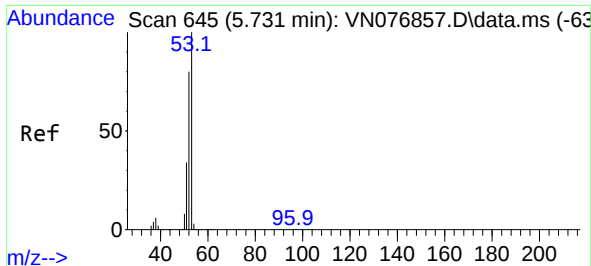
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#14
Allyl chloride
Concen: 45.264 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

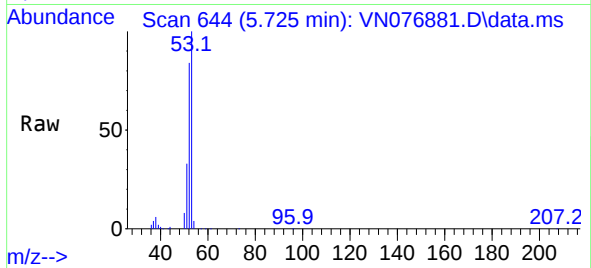
Tgt Ion: 41 Resp: 505003
Ion Ratio Lower Upper
41 100
39 65.7 68.1 102.1#
76 38.6 44.1 66.1#





#15
Acrylonitrile
Concen: 219.802 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

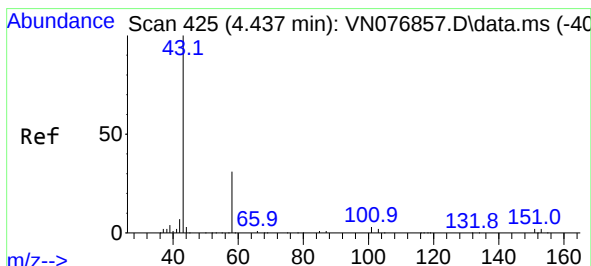
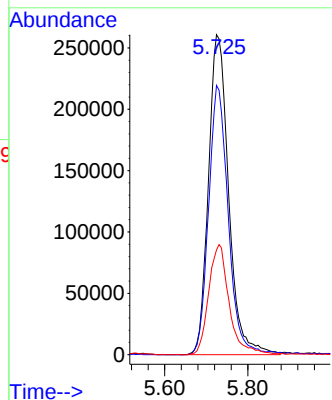
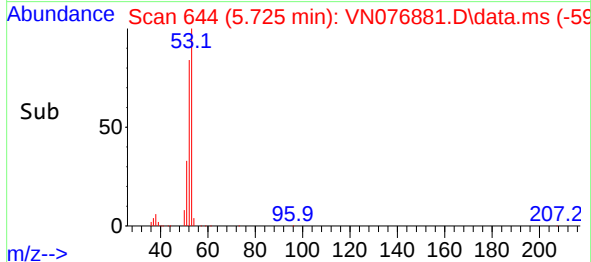
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 88130
Ion Ratio Lower Upper
53 100
52 81.4 65.3 97.9
51 34.9 28.8 43.2

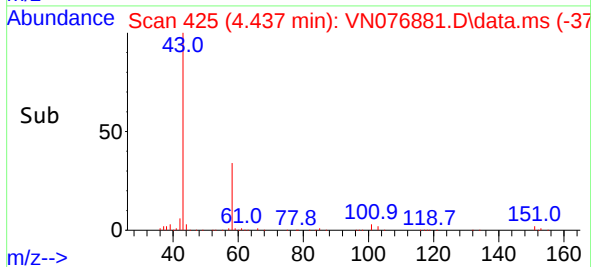
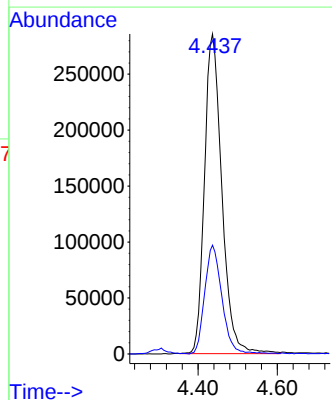
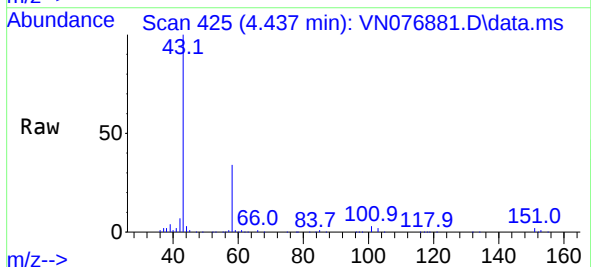
Manual Integrations
APPROVED

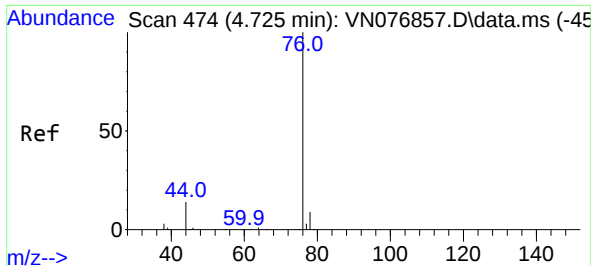
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#16
Acetone
Concen: 237.303 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Tgt Ion: 43 Resp: 869675
Ion Ratio Lower Upper
43 100
58 33.9 28.2 42.2





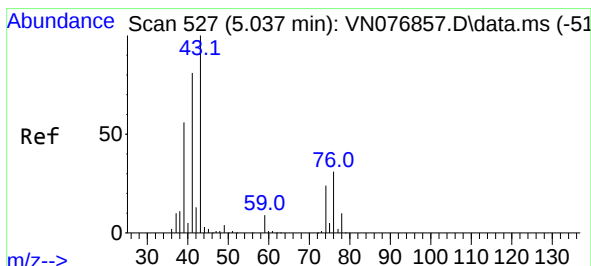
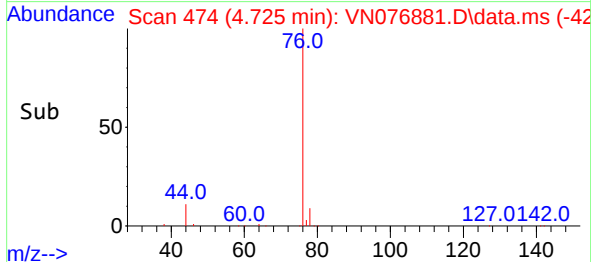
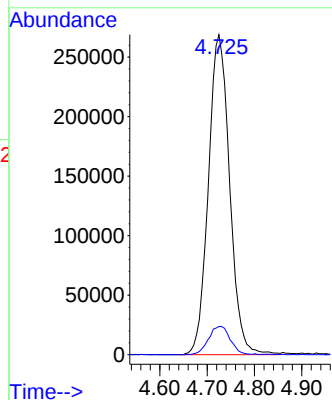
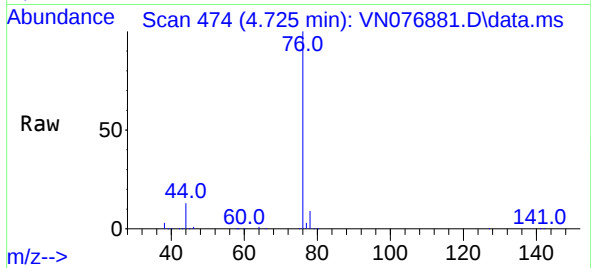
#17
Carbon Disulfide
Concen: 46.246 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 839009
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8

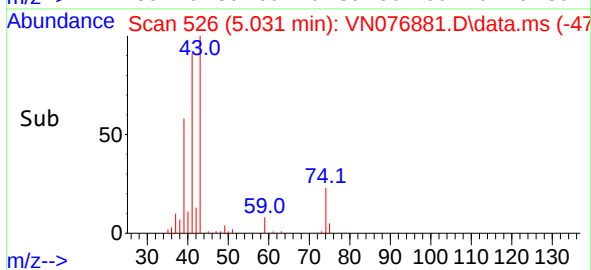
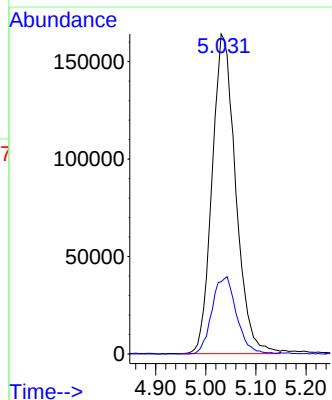
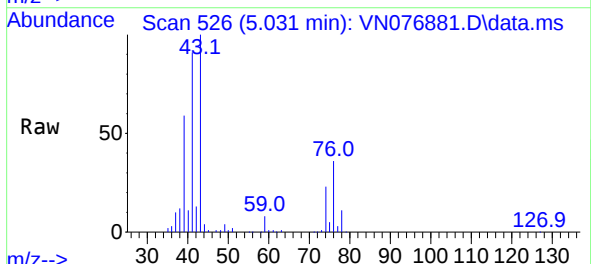
Manual Integrations
APPROVED

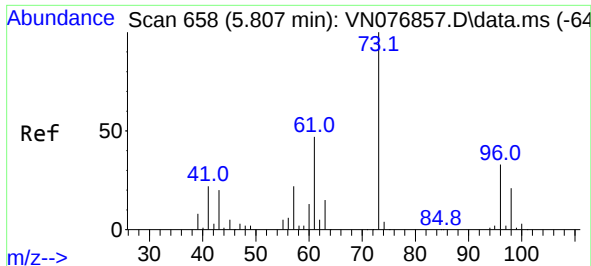
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#18
Methyl Acetate
Concen: 42.692 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

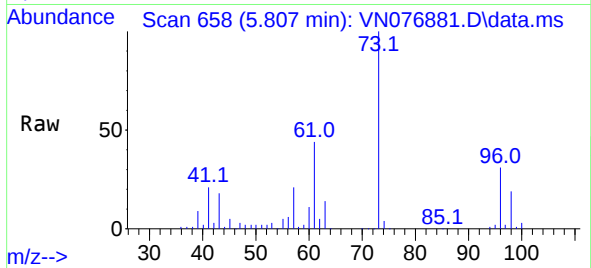
Tgt Ion: 43 Resp: 536127
Ion Ratio Lower Upper
43 100
74 25.1 25.9 38.9#





#19
Methyl tert-butyl Ether
Concen: 47.141 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

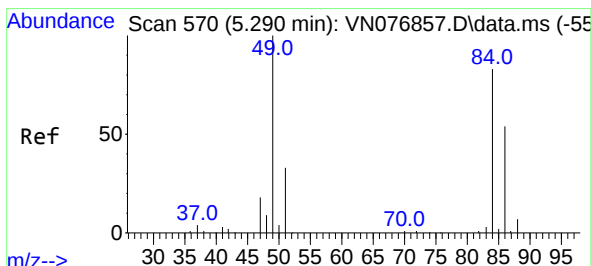
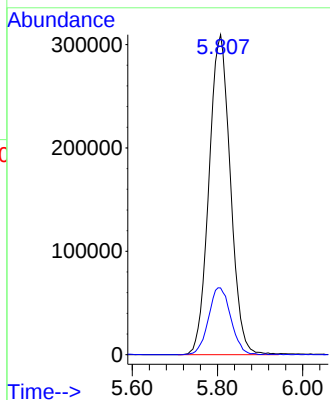
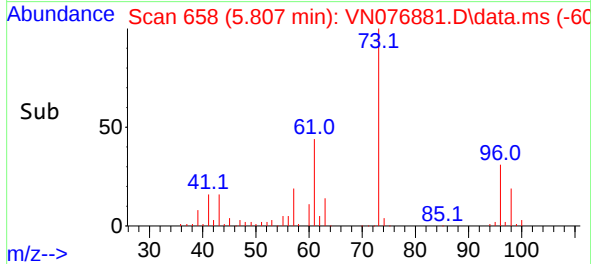
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



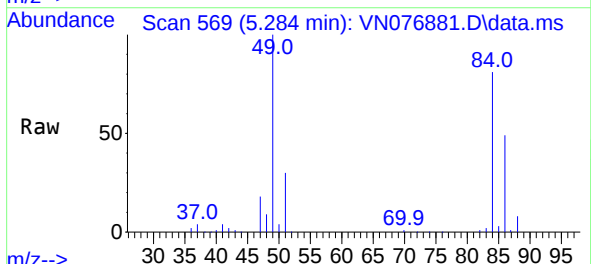
Tgt Ion: 73 Resp: 108025
Ion Ratio Lower Upper
73 100
57 20.9 16.1 24.1

Manual Integrations
APPROVED

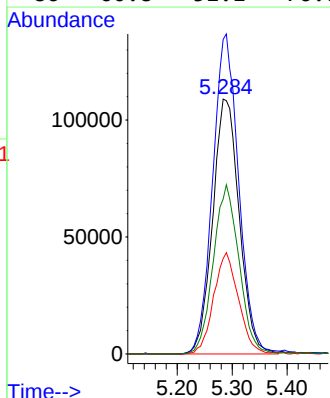
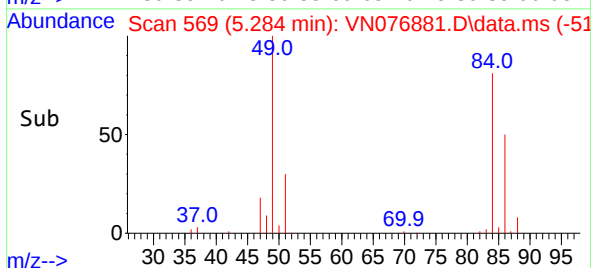
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

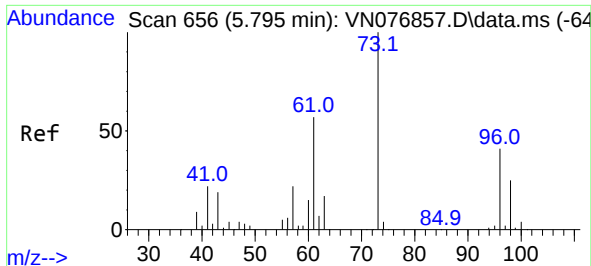


#20
Methylene Chloride
Concen: 42.757 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



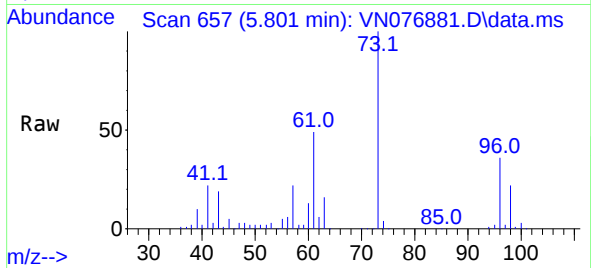
Tgt Ion: 84 Resp: 365600
Ion Ratio Lower Upper
84 100
49 123.4 76.6 114.8#
51 37.4 25.4 38.2
86 60.8 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 46.841 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

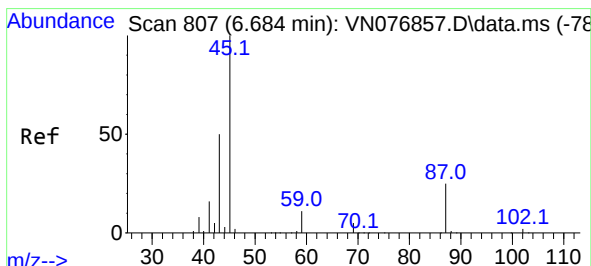
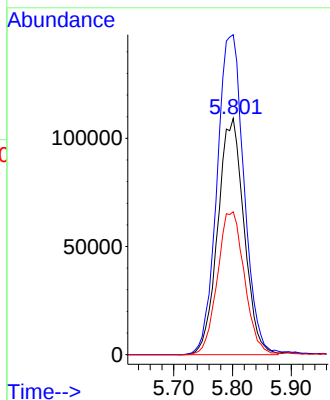
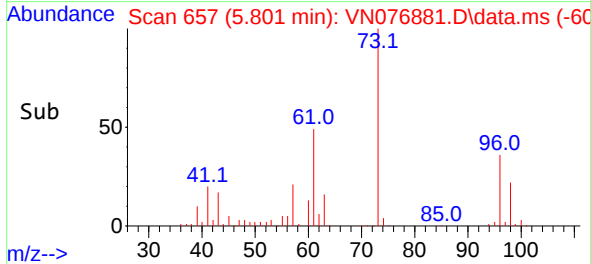
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



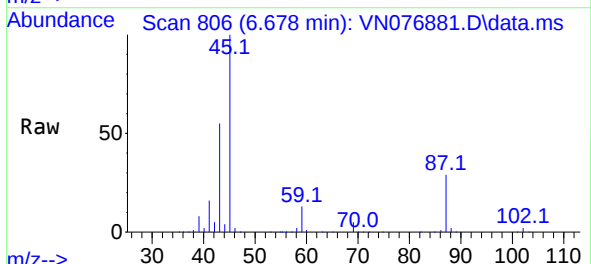
Tgt Ion: 96 Resp: 338451
Ion Ratio Lower Upper
96 100
61 135.4 95.0 142.6
98 60.5 54.5 81.7

Manual Integrations
APPROVED

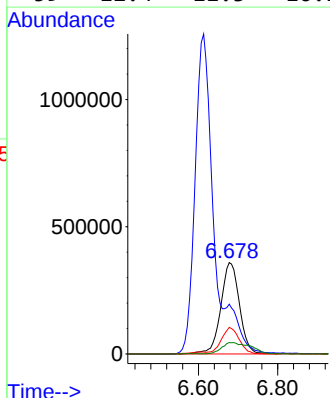
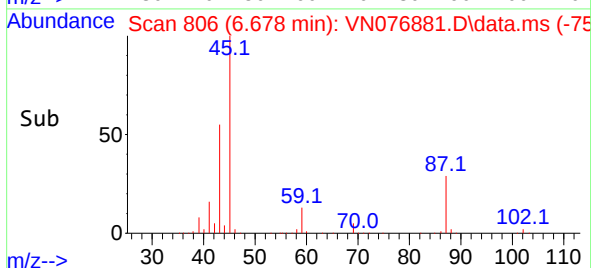
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

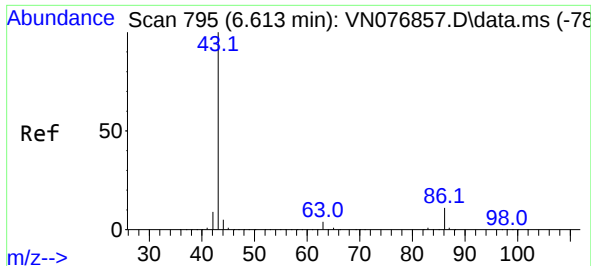


#22
Diisopropyl ether
Concen: 46.750 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



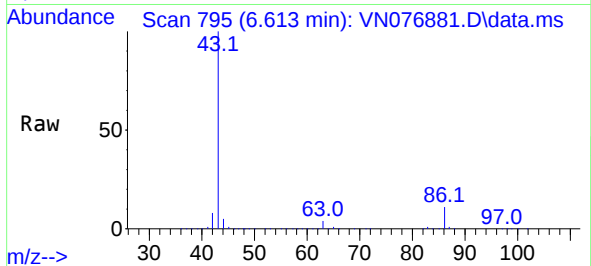
Tgt Ion: 45 Resp: 1173451
Ion Ratio Lower Upper
45 100
43 53.5 42.6 63.8
87 28.8 29.7 44.5#
59 12.4 11.3 16.9





#23
 Vinyl Acetate
 Concen: 231.763 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076881.D
 Acq: 08 Mar 2023 15:48

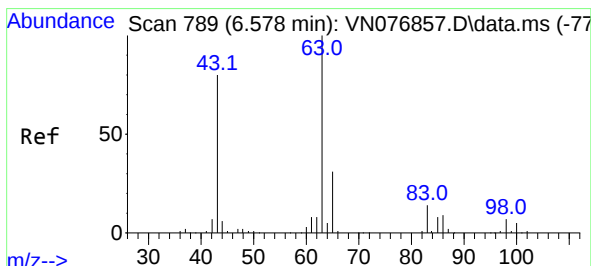
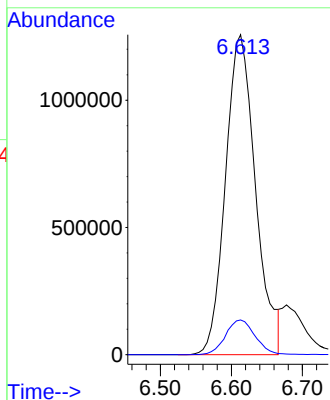
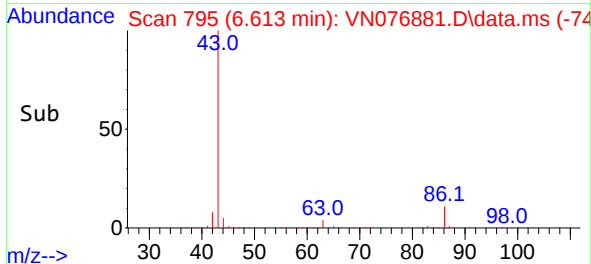
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



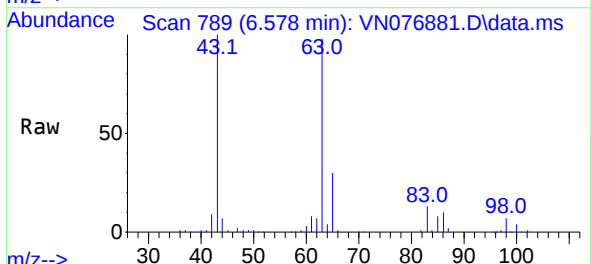
Tgt Ion: 43 Resp: 370548
 Ion Ratio Lower Upper
 43 100
 86 10.9 11.8 17.6

Manual Integrations
 APPROVED

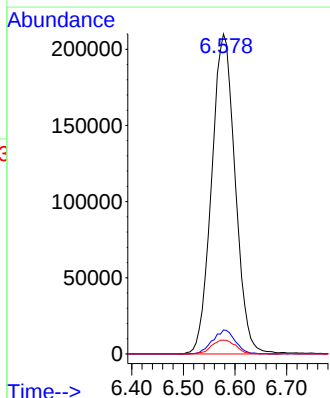
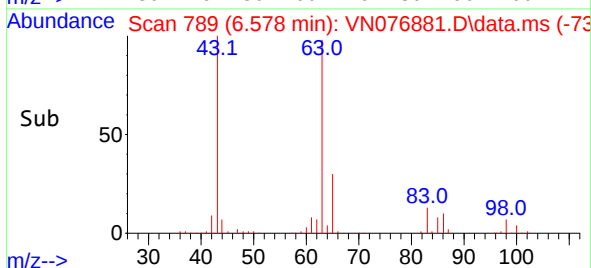
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

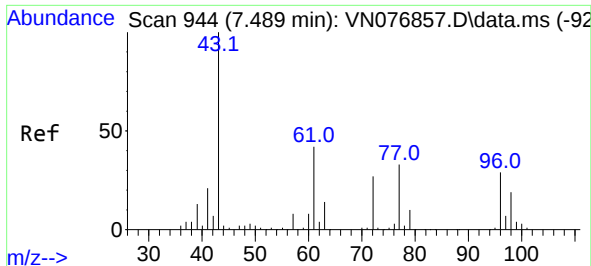


#24
 1,1-Dichloroethane
 Concen: 46.464 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076881.D
 Acq: 08 Mar 2023 15:48



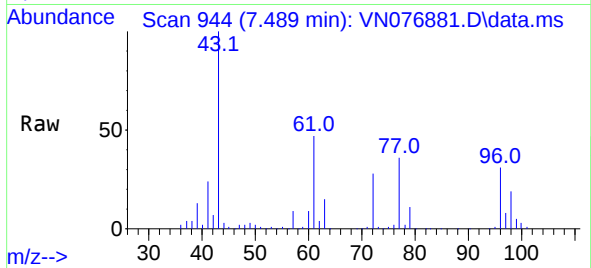
Tgt Ion: 63 Resp: 665053
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.2 12.6
 100 4.3 2.2 6.6





#25
2-Butanone
Concen: 222.639 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

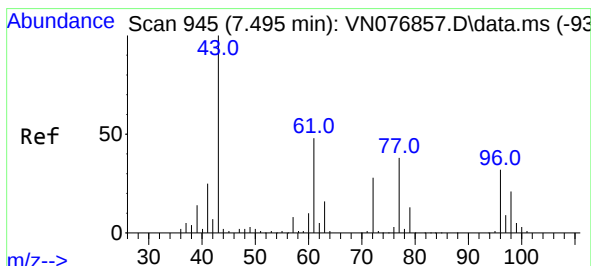
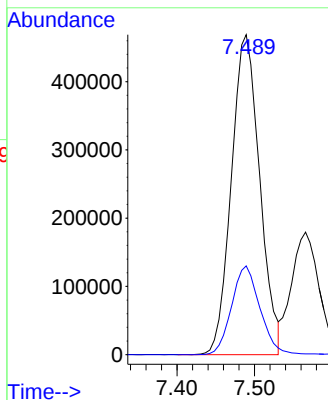
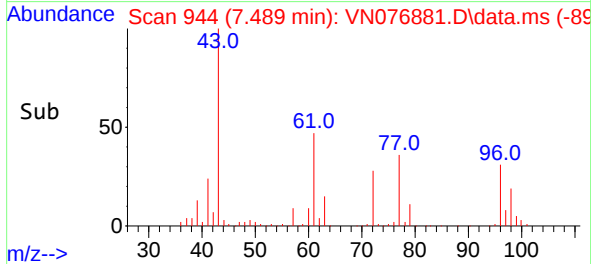
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



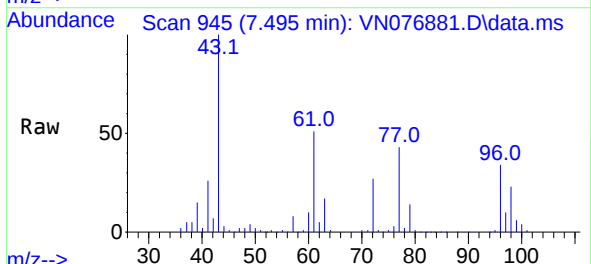
Tgt Ion: 43 Resp: 1191900
Ion Ratio Lower Upper
43 100
72 27.8 28.8 43.2

Manual Integrations
APPROVED

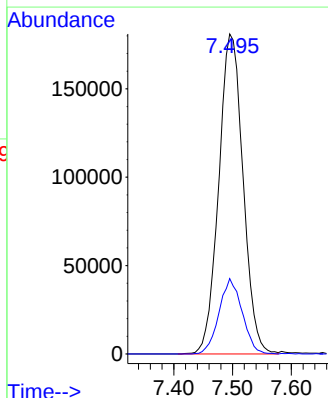
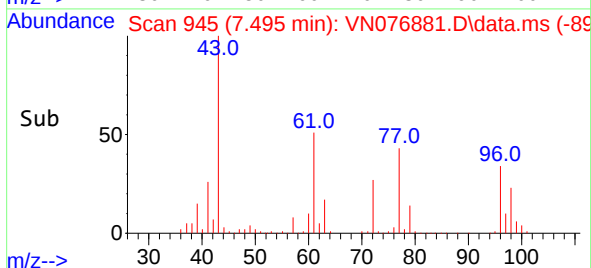
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

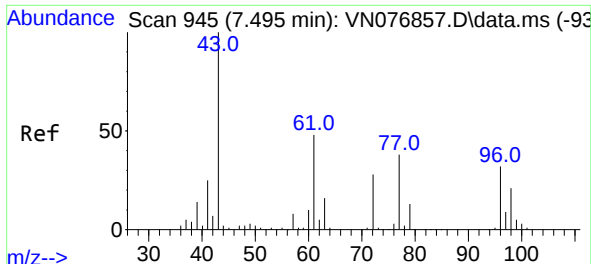


#26
2,2-Dichloropropane
Concen: 49.615 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



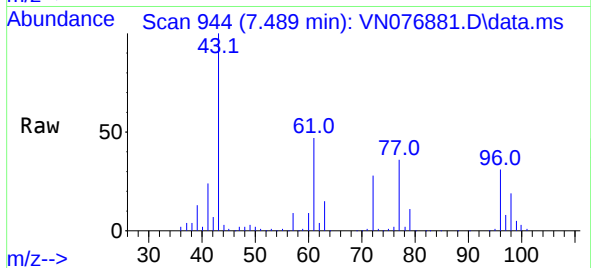
Tgt Ion: 77 Resp: 520067
Ion Ratio Lower Upper
77 100
97 22.4 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 46.432 ug/l
RT: 7.489 min Scan# 94
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

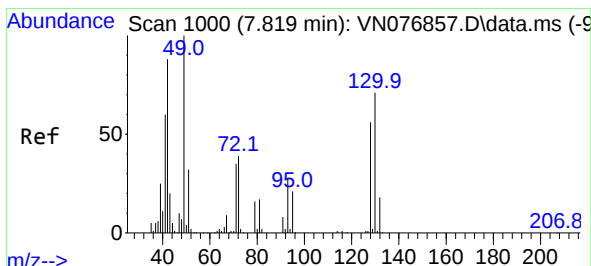
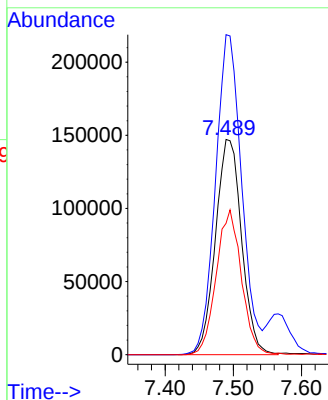
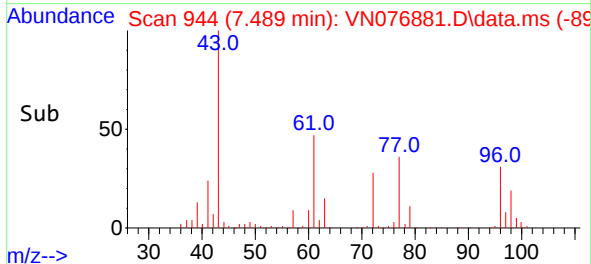
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



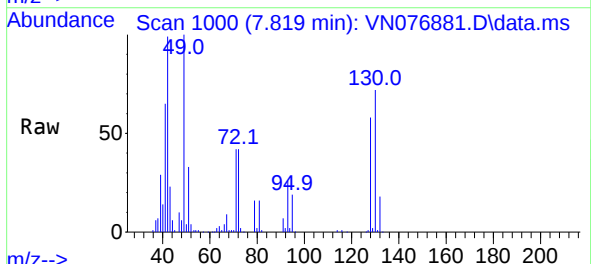
Tgt Ion: 96 Resp: 393020
Ion Ratio Lower Upper
96 100
61 148.8 0.0 255.6
98 64.8 0.0 127.4

Manual Integrations
APPROVED

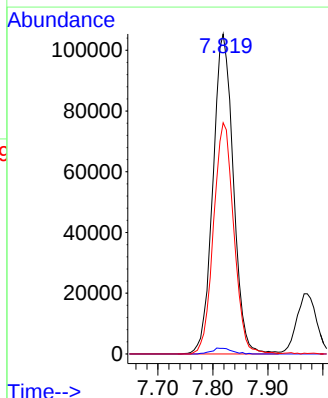
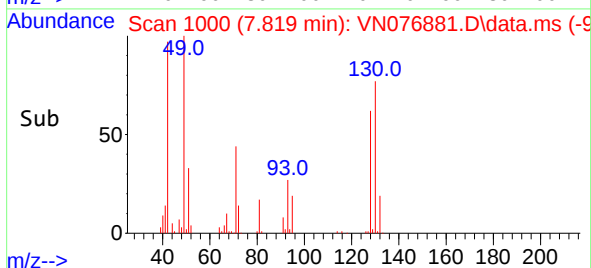
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

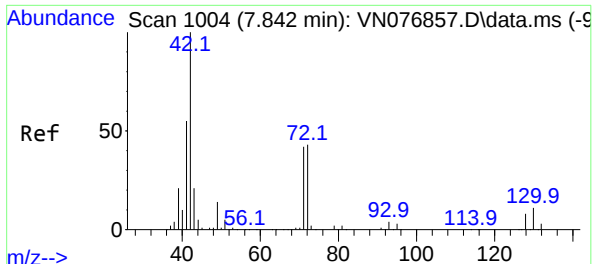


#28
Bromochloromethane
Concen: 44.910 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



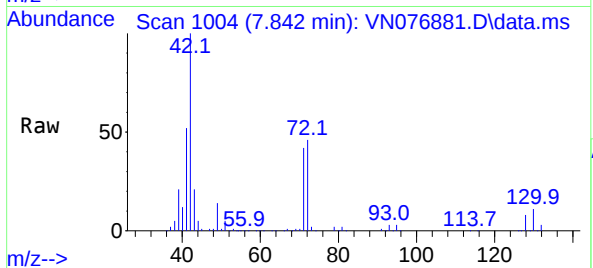
Tgt Ion: 49 Resp: 271826
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 71.7 74.8 112.2#





#29
Tetrahydrofuran
Concen: 217.721 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

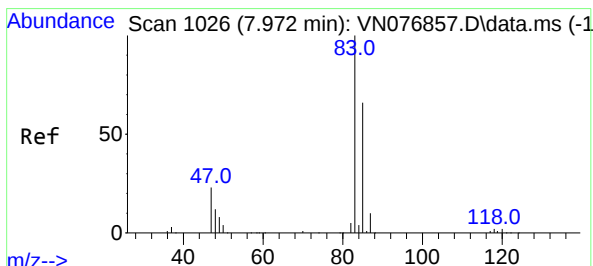
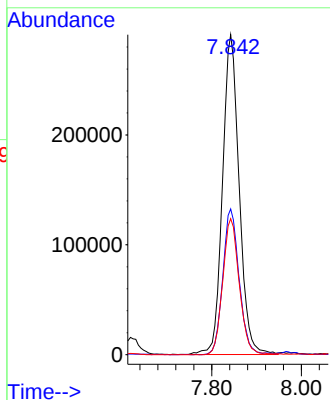
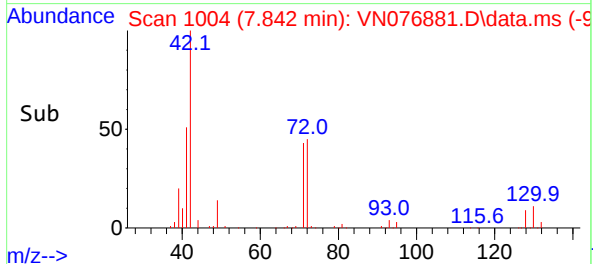
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



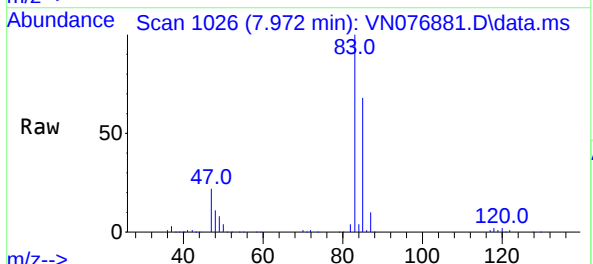
Tgt Ion: 42 Resp: 751909
Ion Ratio Lower Upper
42 100
72 44.6 48.6 73.0
71 42.0 45.1 67.7

Manual Integrations
APPROVED

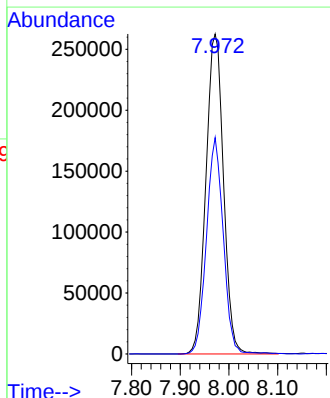
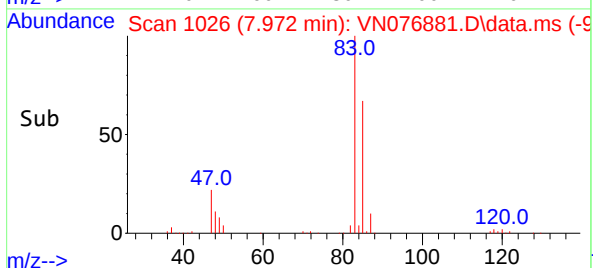
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

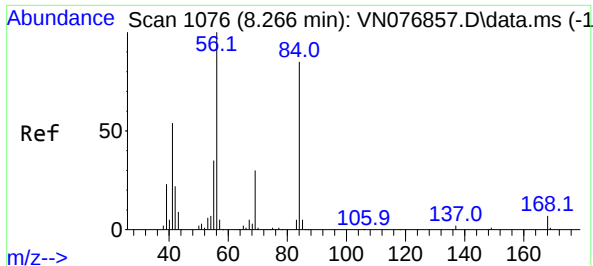


#30
Chloroform
Concen: 46.129 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



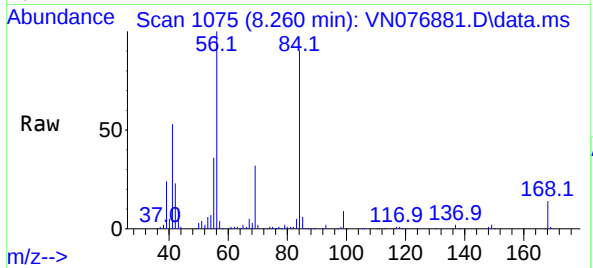
Tgt Ion: 83 Resp: 655772
Ion Ratio Lower Upper
83 100
85 67.6 51.3 76.9





#31
Cyclohexane
Concen: 43.487 ug/l
RT: 8.260 min Scan# 1076
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

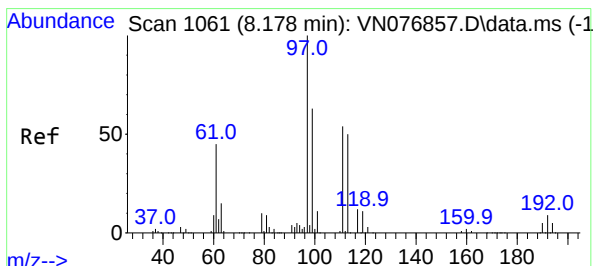
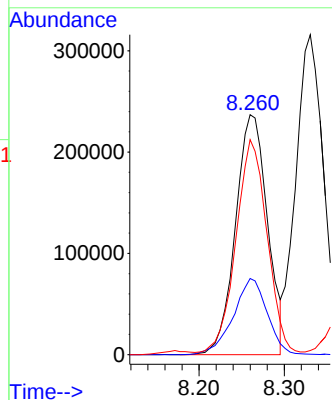
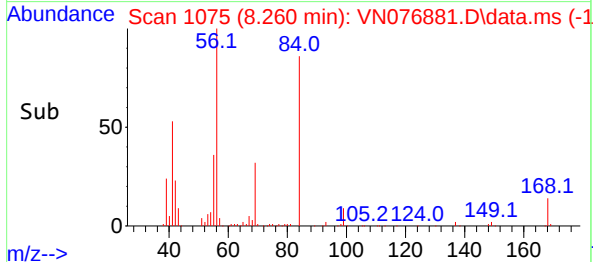
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



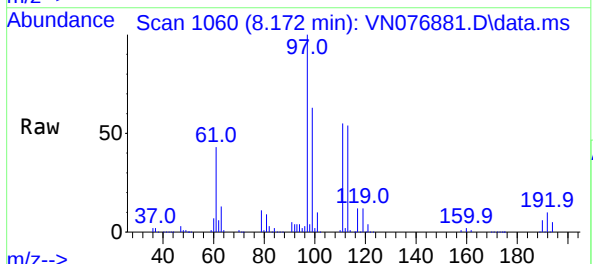
Tgt Ion: 56 Resp: 61677
Ion Ratio Lower Upper
56 100
69 31.7 27.0 40.6
84 88.4 82.9 124.3

Manual Integrations
APPROVED

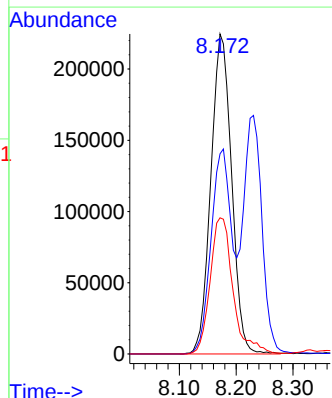
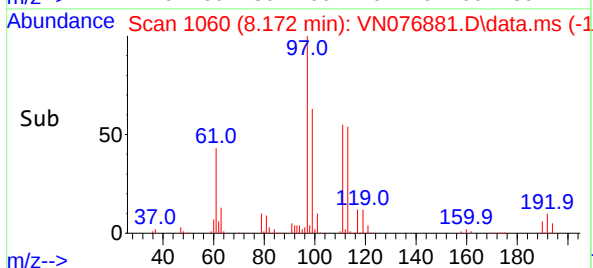
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

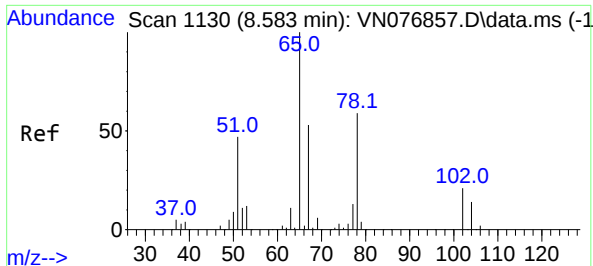


#32
1,1,1-Trichloroethane
Concen: 46.199 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



Tgt Ion: 97 Resp: 568732
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 47.0 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 43.840 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN076881.D

Acq: 08 Mar 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 368074

Ion Ratio Lower Upper

65 100

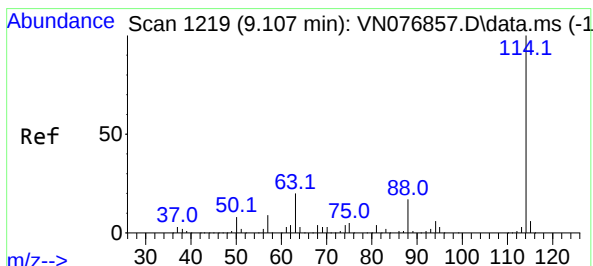
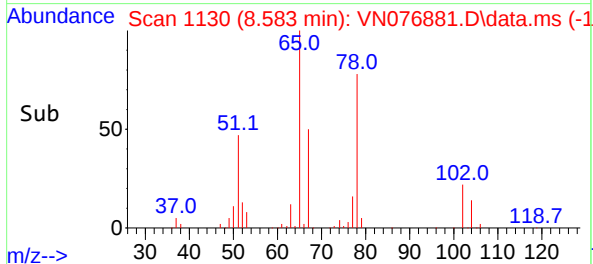
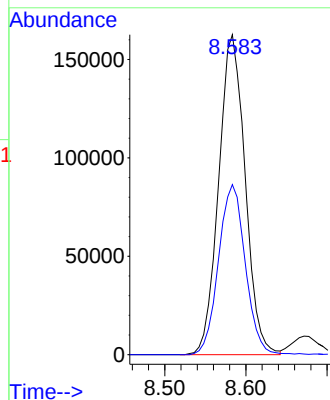
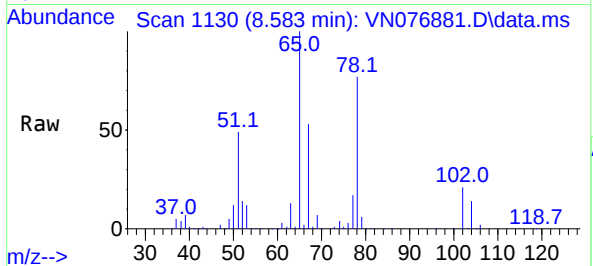
67 53.9 0.0 107.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN076881.D

Acq: 08 Mar 2023 15:48

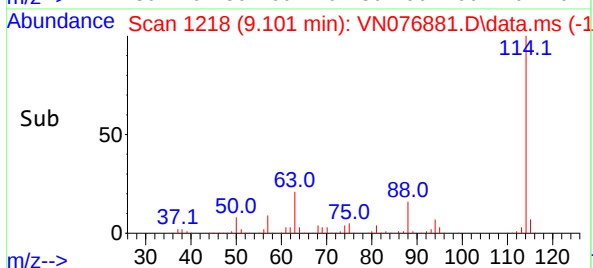
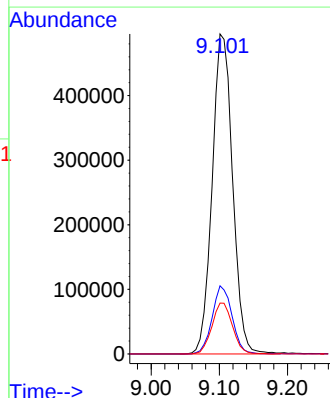
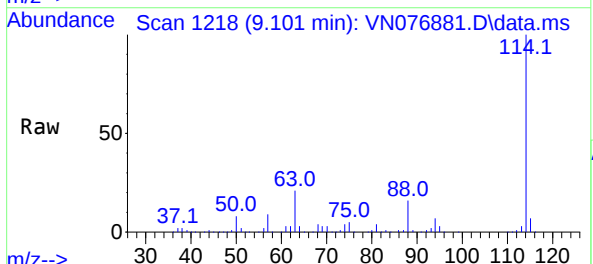
Tgt Ion:114 Resp: 1034155

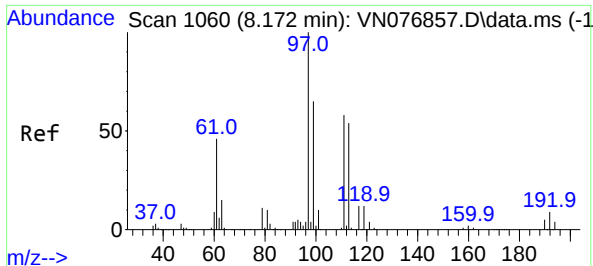
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.6

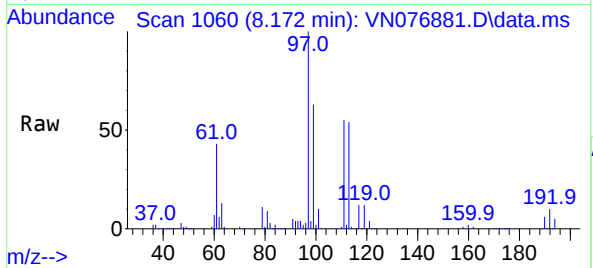
88 15.9 0.0 28.6





#35
Dibromofluoromethane
Concen: 45.407 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

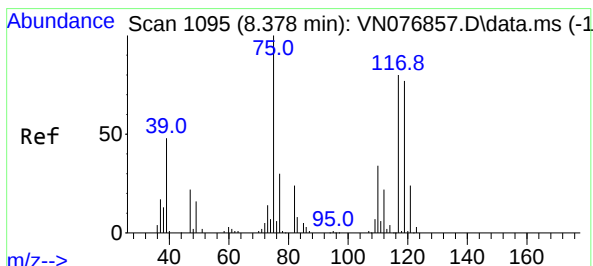
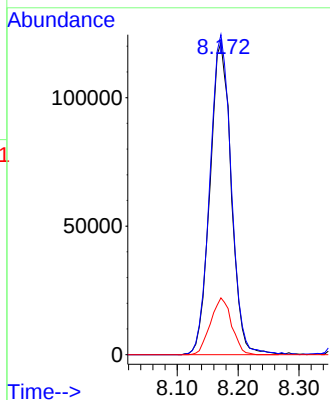
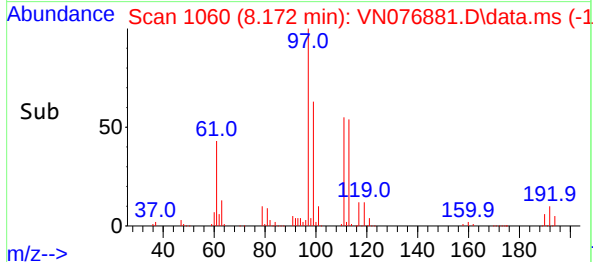
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



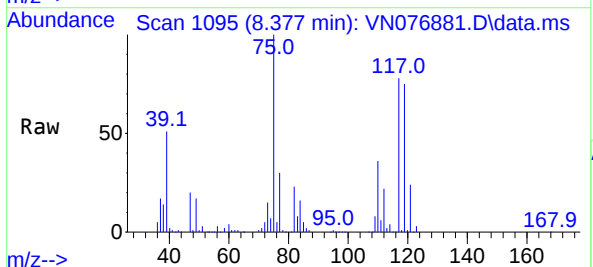
Tgt Ion: 113 Resp: 29375
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 18.1 13.9 20.9

Manual Integrations
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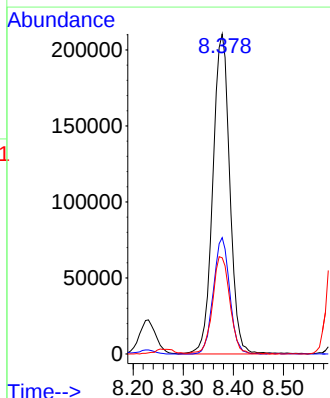
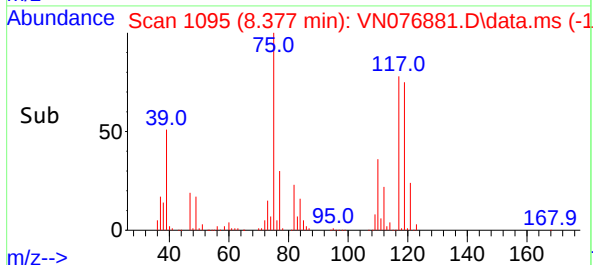
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

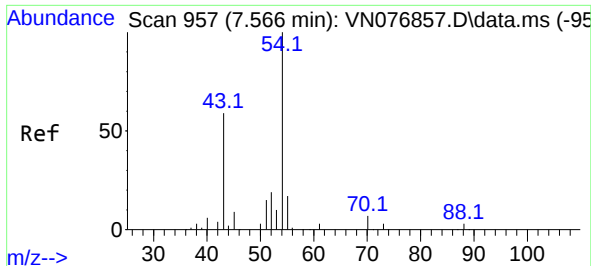


#36
1,1-Dichloropropene
Concen: 47.550 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. -0.001 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



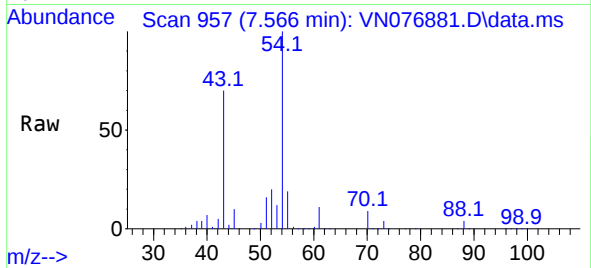
Tgt Ion: 75 Resp: 494419
Ion Ratio Lower Upper
75 100
110 34.9 18.9 56.9
77 30.9 24.9 37.3





#37
Ethyl Acetate
Concen: 43.203 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

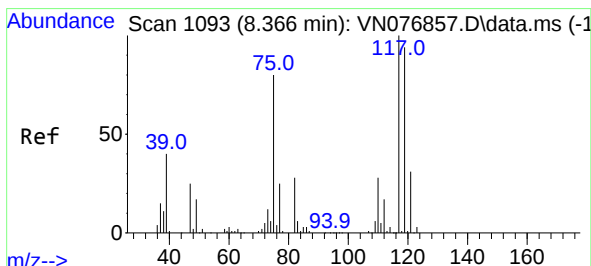
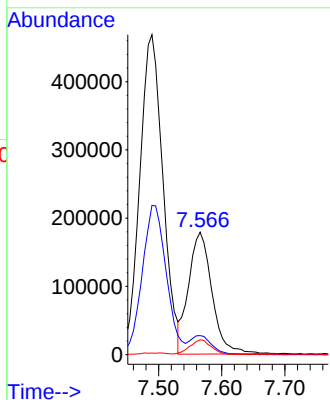
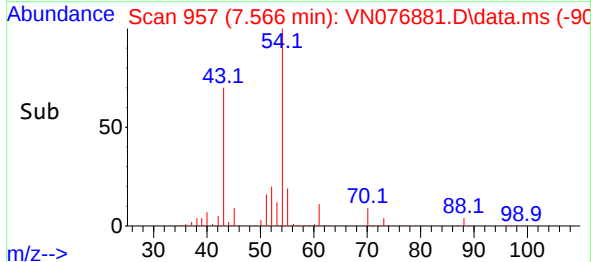
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 46109
Ion Ratio Lower Upper
43 100
61 14.0 13.5 20.3
70 11.2 11.0 16.6

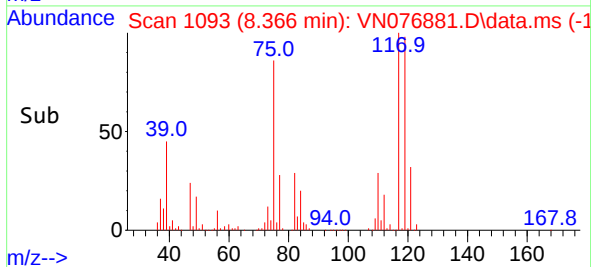
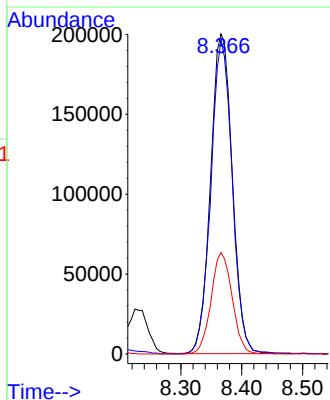
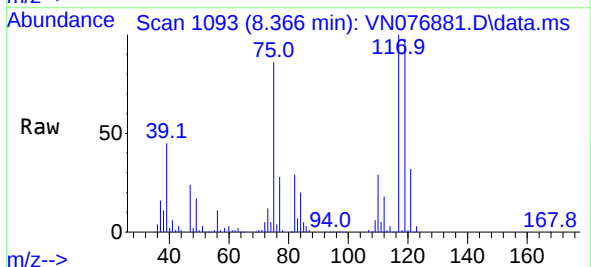
Manual Integrations
APPROVED

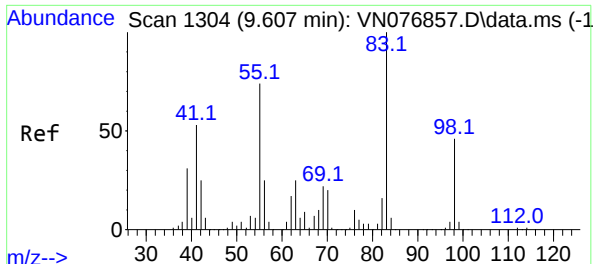
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#38
Carbon Tetrachloride
Concen: 47.036 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Tgt Ion:117 Resp: 496839
Ion Ratio Lower Upper
117 100
119 98.0 76.9 115.3
121 31.7 23.2 34.8





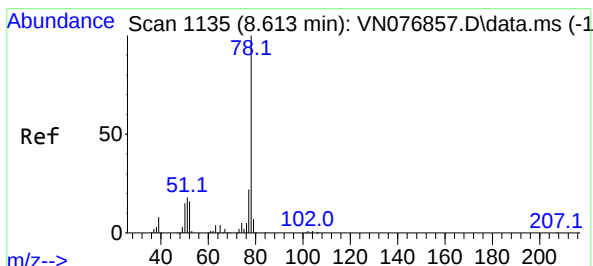
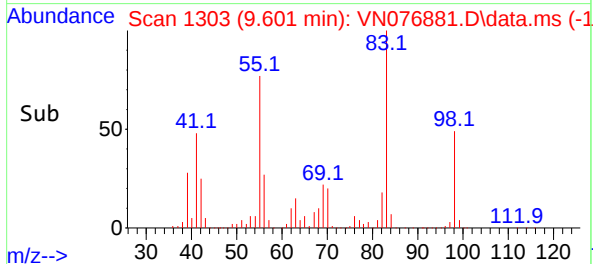
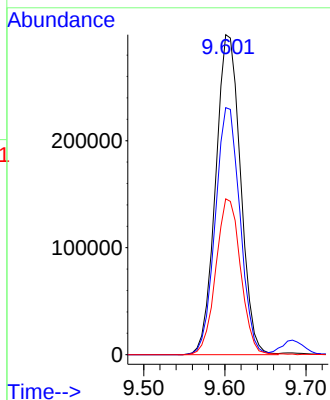
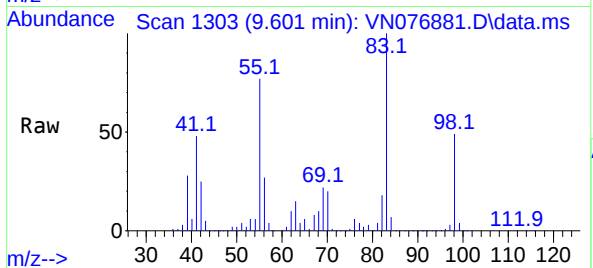
#39
Methylcyclohexane
Concen: 49.709 ug/l
RT: 9.601 min Scan# 11303
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 637102
Ion Ratio Lower Upper
83 100
55 77.2 47.0 70.4
98 48.7 39.4 59.0

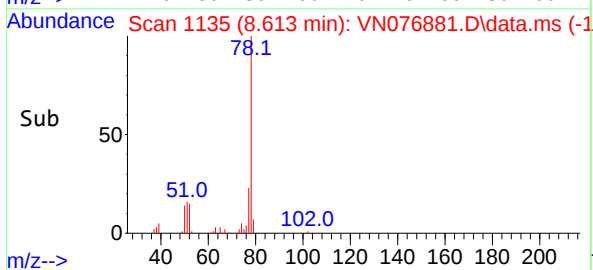
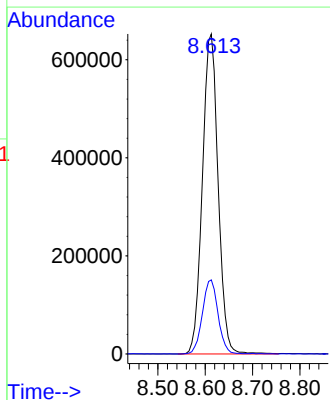
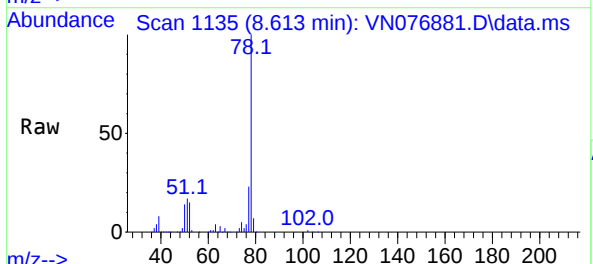
Manual Integrations
APPROVED

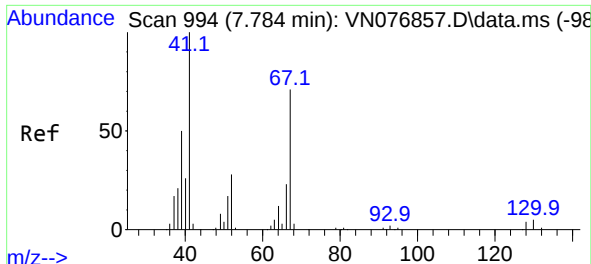
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#40
Benzene
Concen: 47.395 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

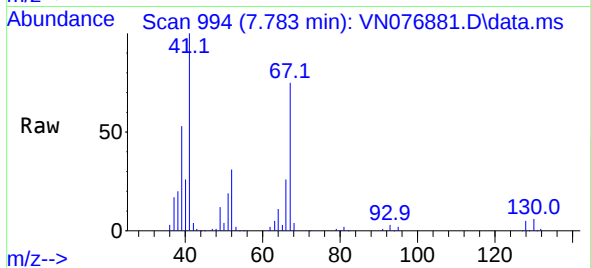
Tgt Ion: 78 Resp: 1501186
Ion Ratio Lower Upper
78 100
77 23.2 19.3 28.9





#41
Methacrylonitrile
Concen: 43.609 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

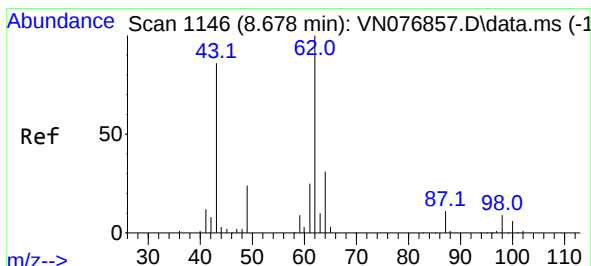
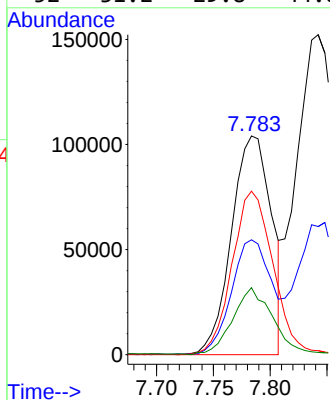
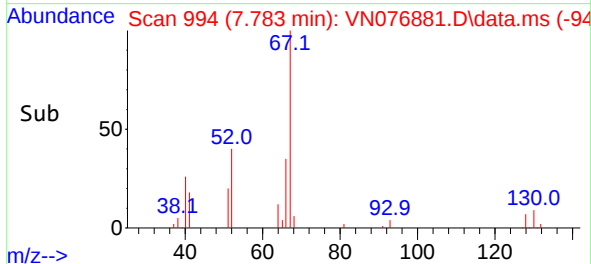
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



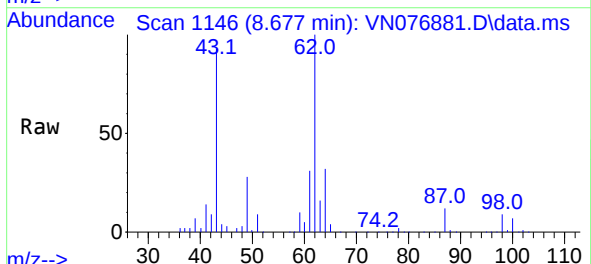
Tgt Ion: 41 Resp: 25416
Ion Ratio Lower Upper
41 100
39 52.1 43.4 65.0
67 77.8 78.6 118.0
52 31.2 29.8 44.8

Manual Integrations
APPROVED

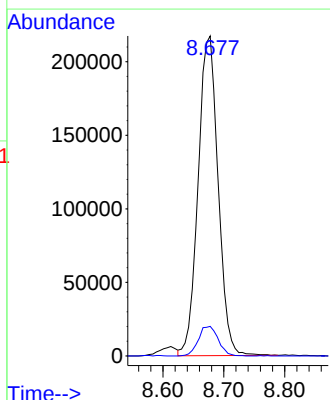
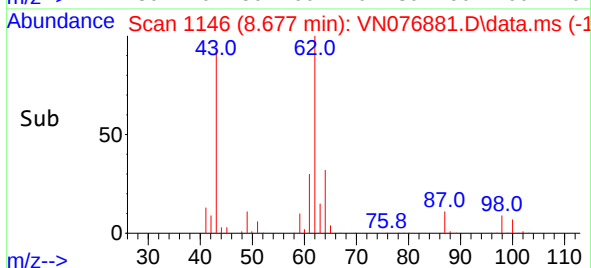
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

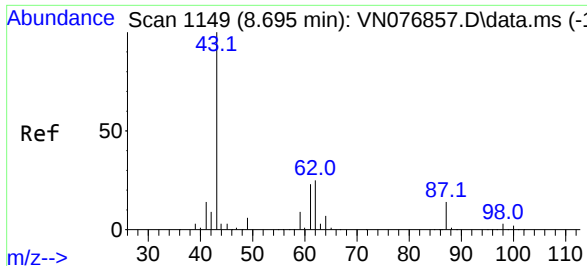


#42
1,2-Dichloroethane
Concen: 45.034 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



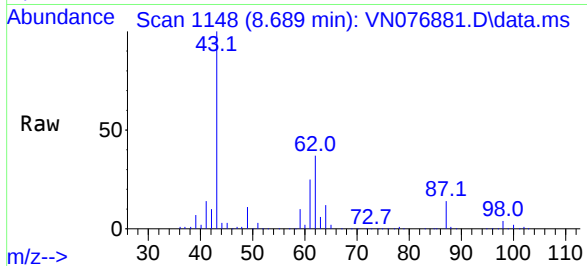
Tgt Ion: 62 Resp: 496890
Ion Ratio Lower Upper
62 100
98 9.2 0.0 21.8





#43
Isopropyl Acetate
Concen: 45.712 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

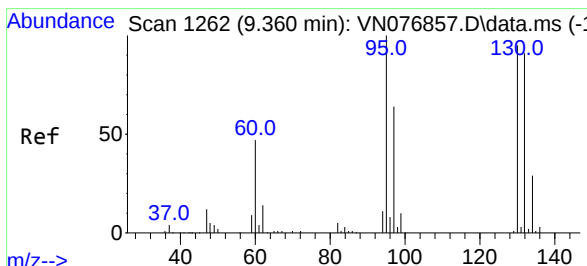
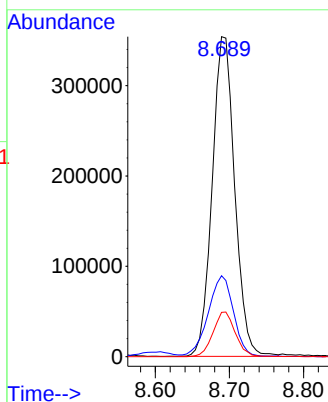
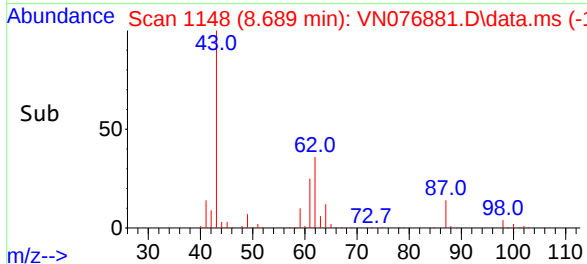
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



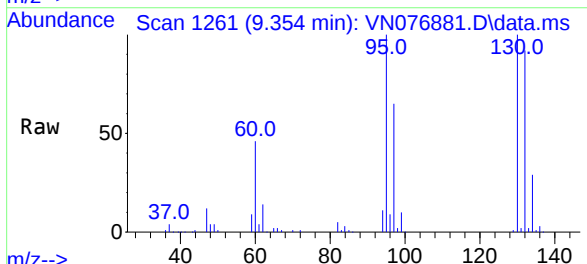
Tgt Ion: 43 Resp: 746899
Ion Ratio Lower Upper
43 100
61 28.7 26.2 39.2
87 13.9 14.8 22.2

Manual Integrations
APPROVED

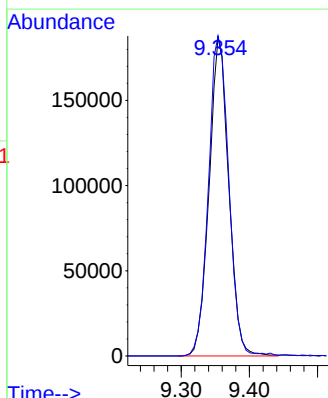
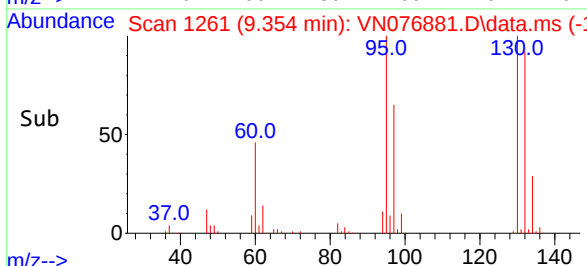
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

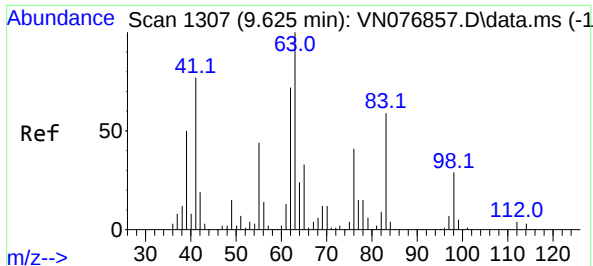


#44
Trichloroethene
Concen: 49.826 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



Tgt Ion:130 Resp: 374194
Ion Ratio Lower Upper
130 100
95 100.5 0.0 208.6





#45

1,2-Dichloropropane

Concen: 47.954 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN076881.D

Acq: 08 Mar 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 392508

Ion Ratio Lower Upper

63 100

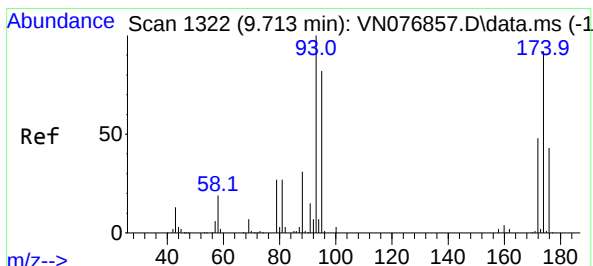
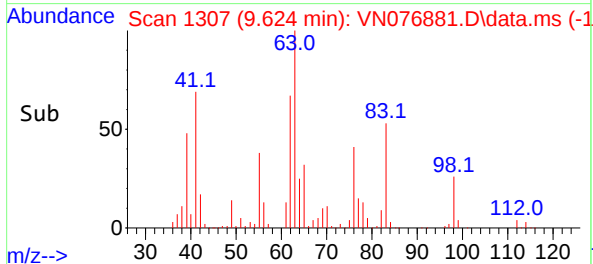
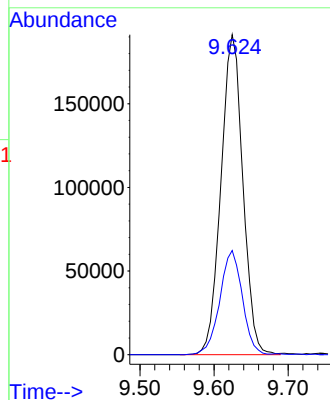
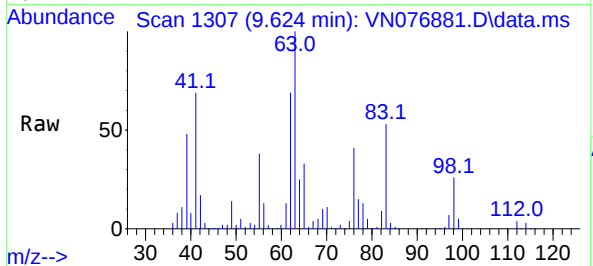
65 32.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#46

Dibromomethane

Concen: 47.073 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076881.D

Acq: 08 Mar 2023 15:48

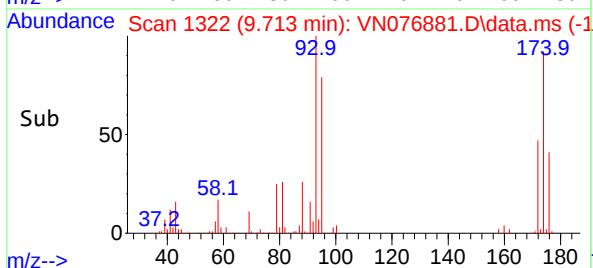
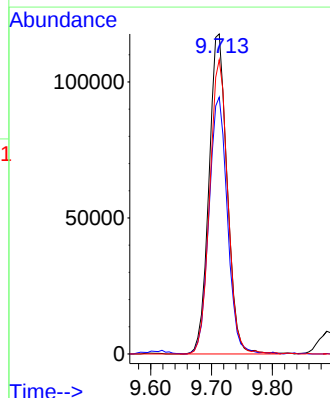
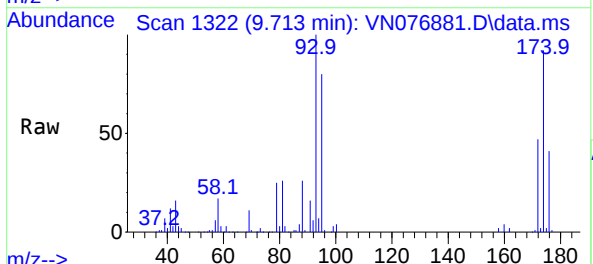
Tgt Ion: 93 Resp: 244718

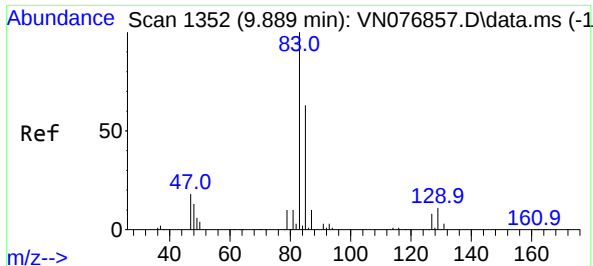
Ion Ratio Lower Upper

93 100

95 80.9 65.7 98.5

174 91.1 69.3 103.9





#47
Bromodichloromethane
Concen: 47.758 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

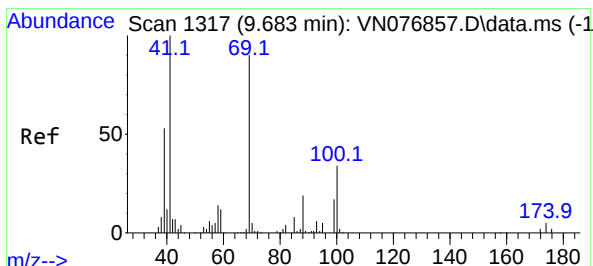
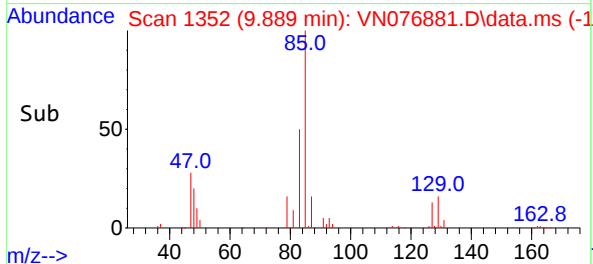
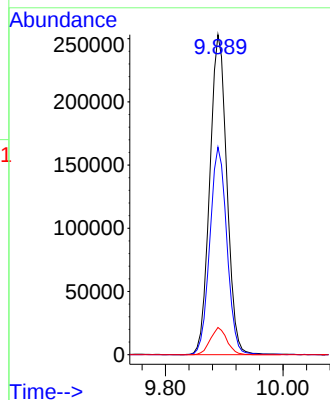
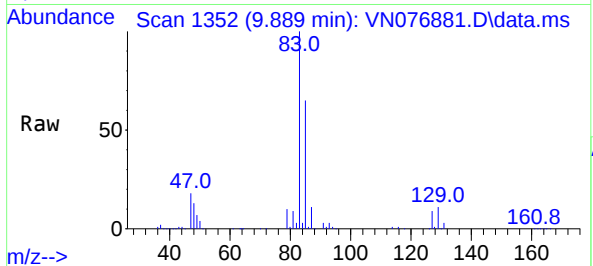
Tgt Ion: 83 Resp: 510419
Ion Ratio Lower Upper
83 100
85 64.8 52.6 78.8
127 8.5 7.0 10.6

Manual Integrations

APPROVED

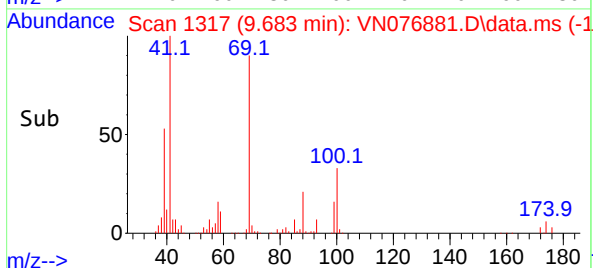
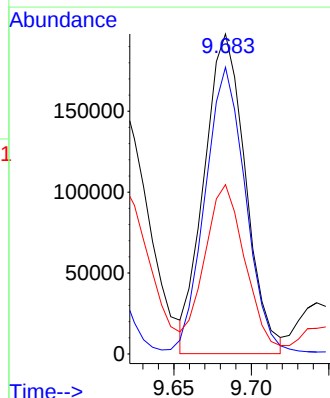
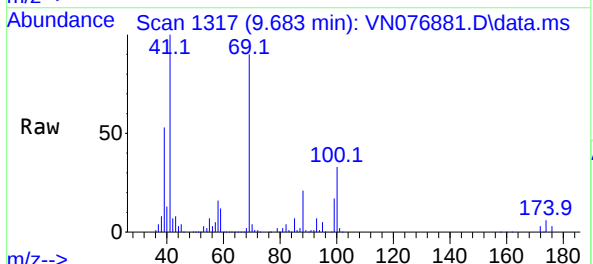
Reviewed By :John Carlone 03/09/2023

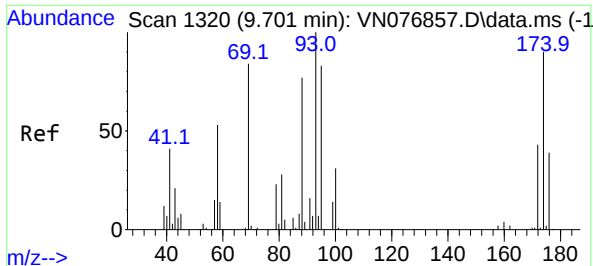
Supervised By :Mahesh Dadoda 03/09/2023



#48
Methyl methacrylate
Concen: 46.124 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

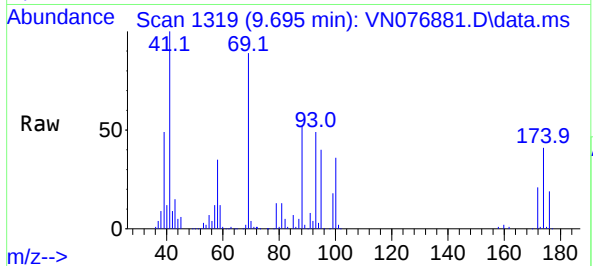
Tgt Ion: 41 Resp: 366200
Ion Ratio Lower Upper
41 100
69 88.4 92.6 139.0#
39 53.1 51.4 77.0





#49
1,4-Dioxane
Concen: 916.669 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

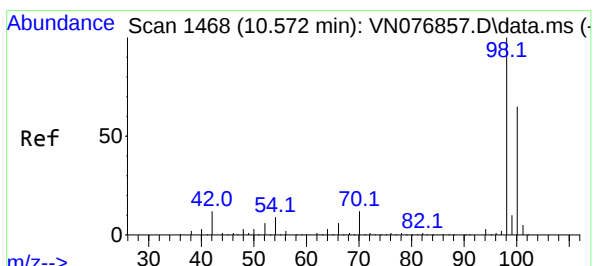
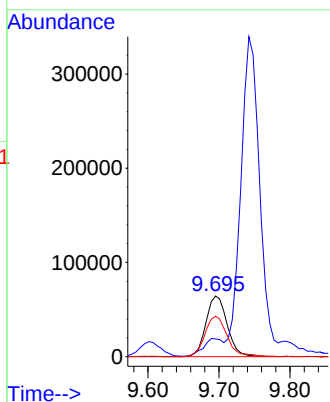
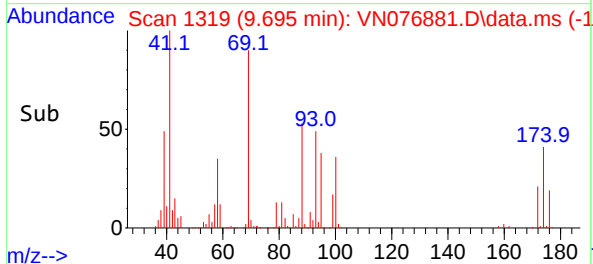
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



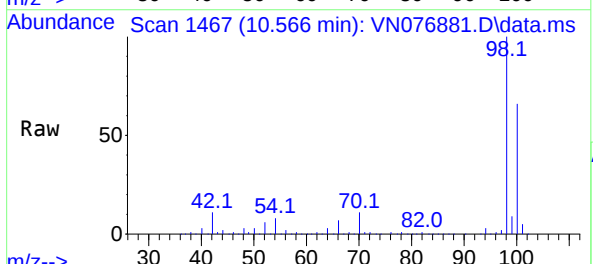
Tgt Ion: 88 Resp: 133395
Ion Ratio Lower Upper
88 100
43 27.0 15.3 22.9
58 70.5 47.6 71.4

Manual Integrations
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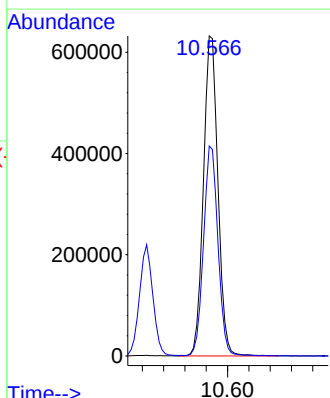
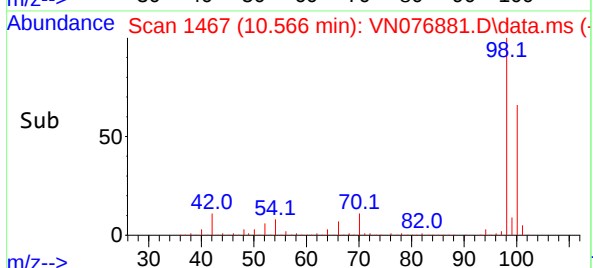
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

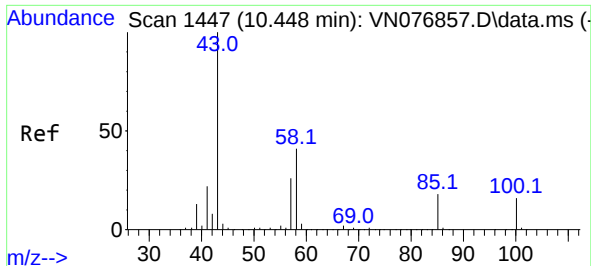


#50
Toluene-d8
Concen: 47.886 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



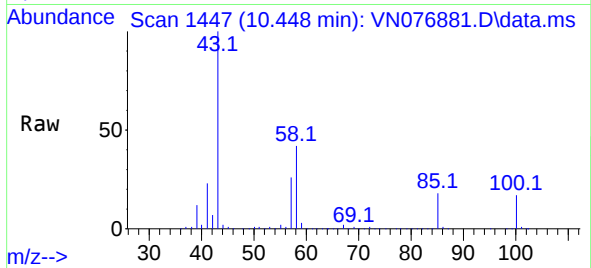
Tgt Ion: 98 Resp: 1193551
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 226.853 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

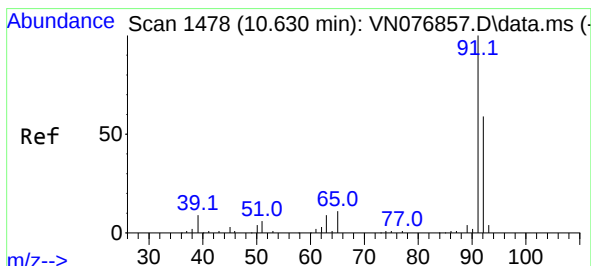
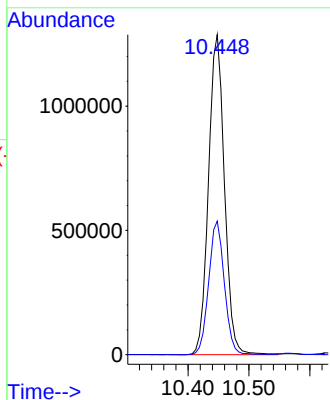
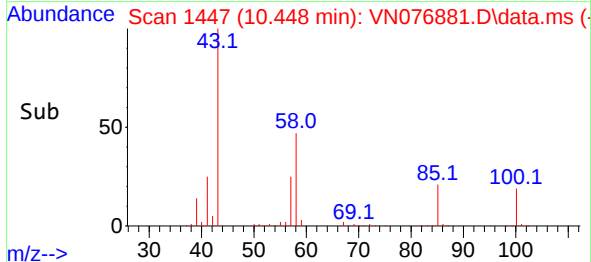
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



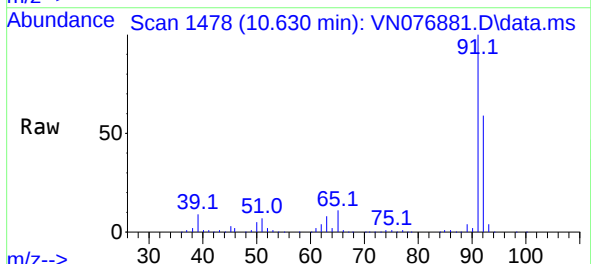
Tgt Ion: 43 Resp: 233796
Ion Ratio Lower Upper
43 100
58 41.1 37.4 56.0

Manual Integrations
APPROVED

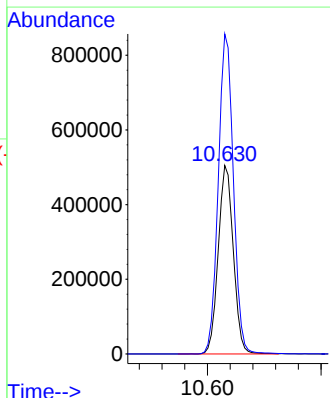
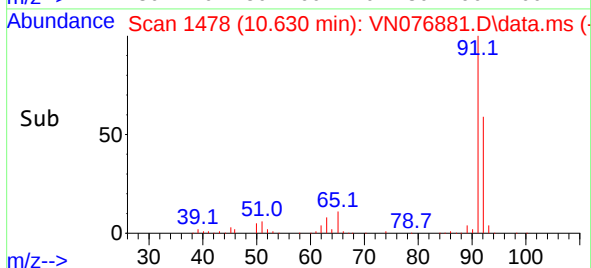
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

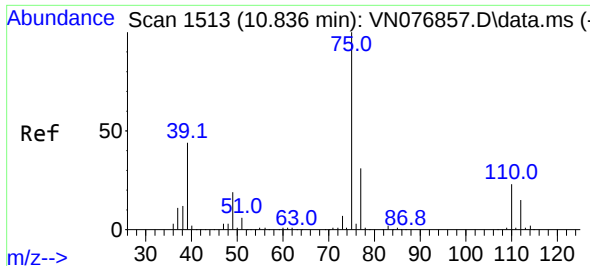


#52
Toluene
Concen: 49.430 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



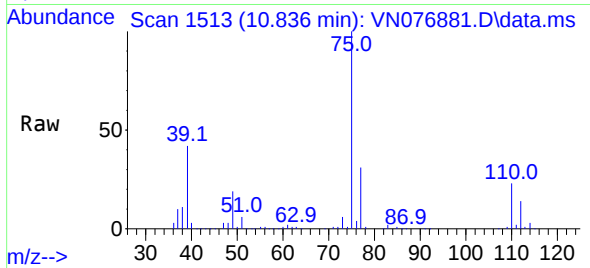
Tgt Ion: 92 Resp: 932243
Ion Ratio Lower Upper
92 100
91 170.2 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 51.686 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

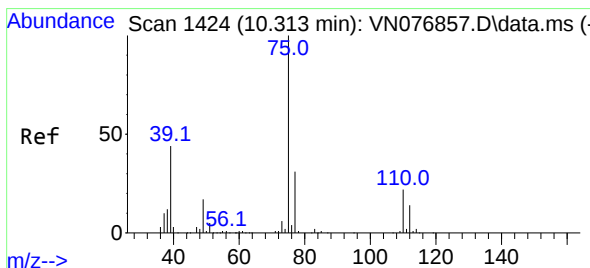
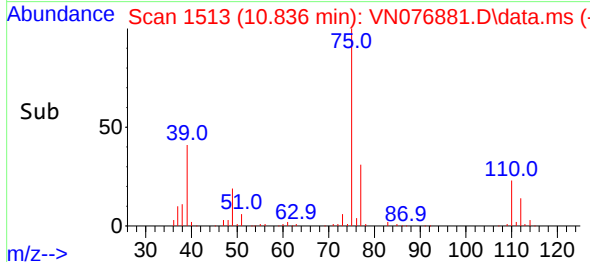
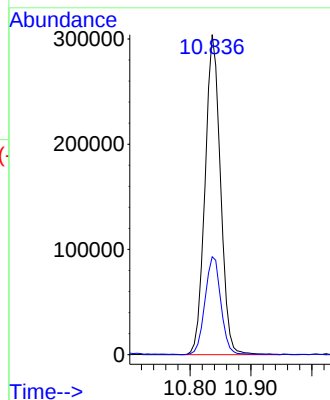
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 535458
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.6

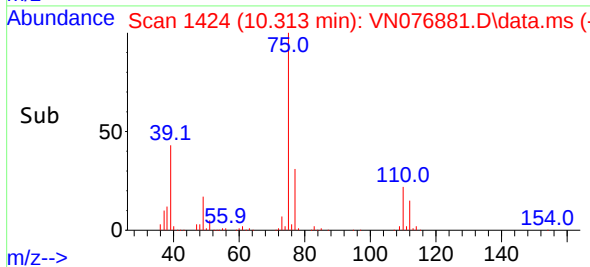
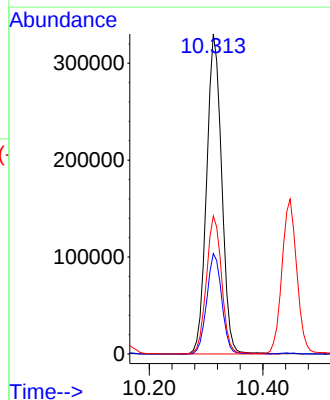
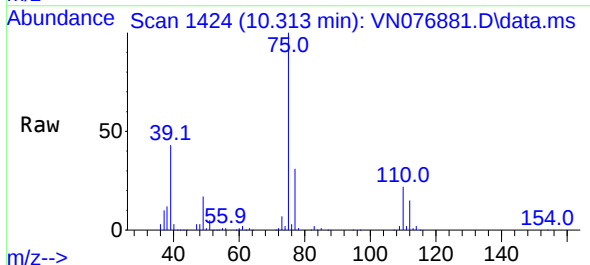
Manual Integrations
APPROVED

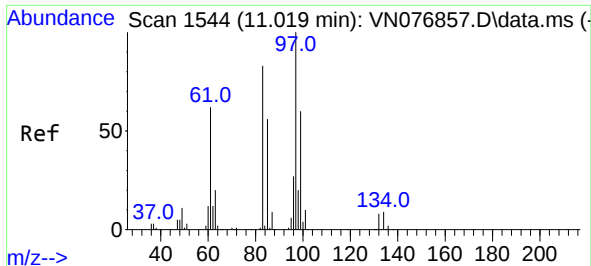
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#54
cis-1,3-Dichloropropene
Concen: 50.915 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

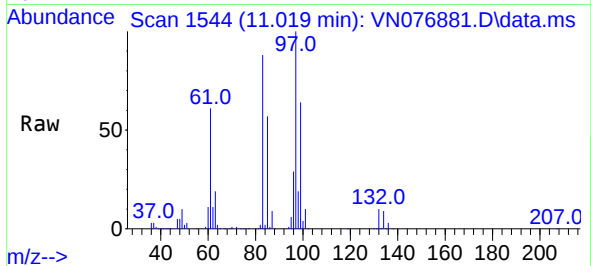
Tgt Ion: 75 Resp: 605878
Ion Ratio Lower Upper
75 100
77 31.4 25.7 38.5
39 43.1 29.7 44.5





#55
1,1,2-Trichloroethane
Concen: 47.113 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.001 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

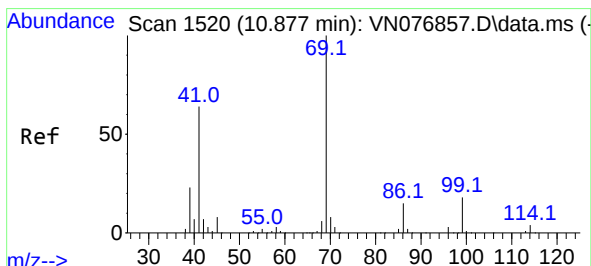
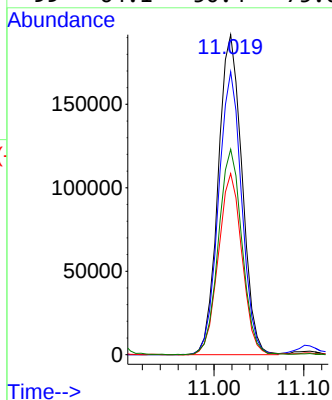
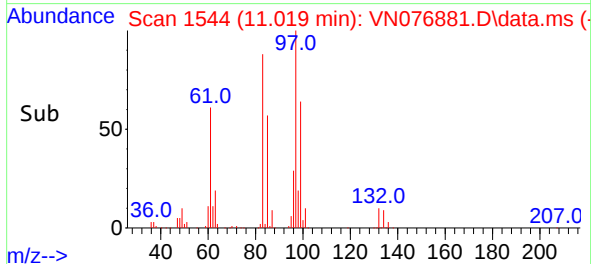
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



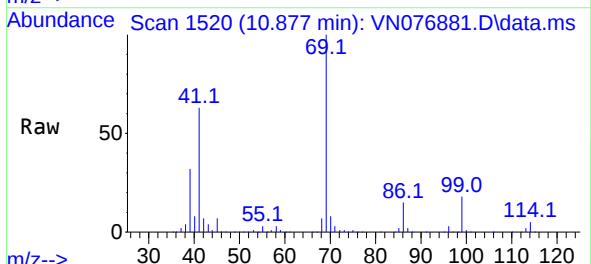
Tgt Ion: 97 Resp: 35346
Ion Ratio Lower Upper
97 100
83 88.4 67.1 100.7
85 56.6 41.8 62.8
99 64.1 50.4 75.6

Manual Integrations
APPROVED

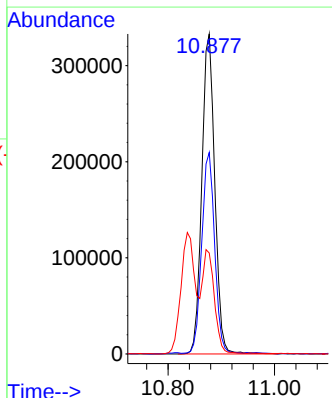
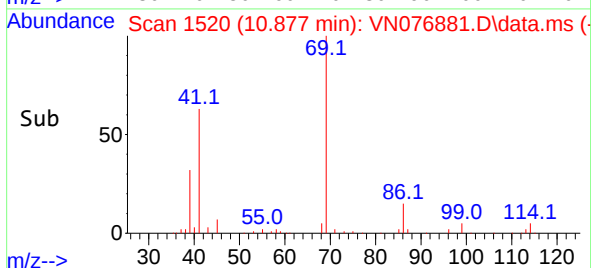
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

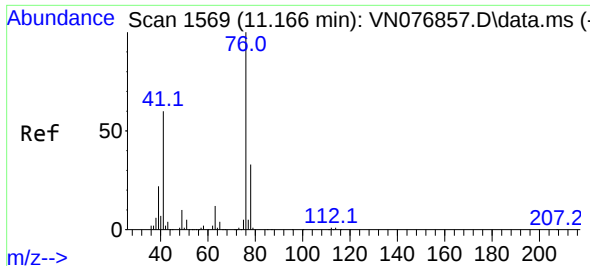


#56
Ethyl methacrylate
Concen: 50.170 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



Tgt Ion: 69 Resp: 560817
Ion Ratio Lower Upper
69 100
41 62.4 38.0 57.0#
39 28.9 22.4 33.6





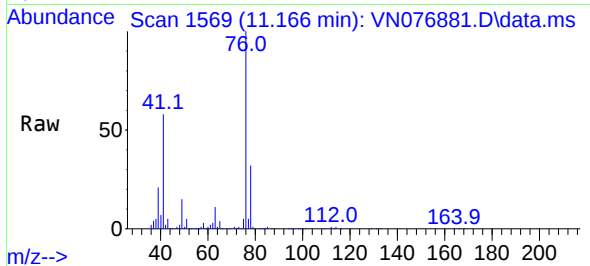
#57
1,3-Dichloropropane
Concen: 47.226 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



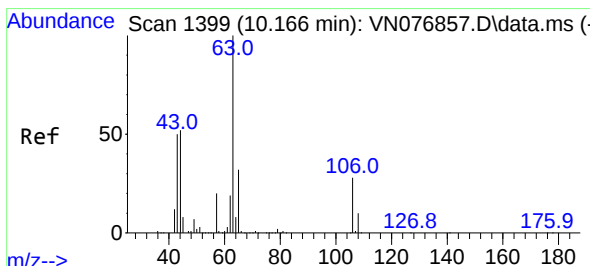
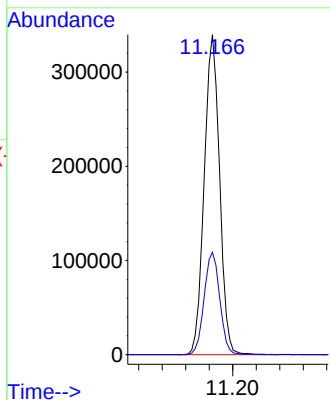
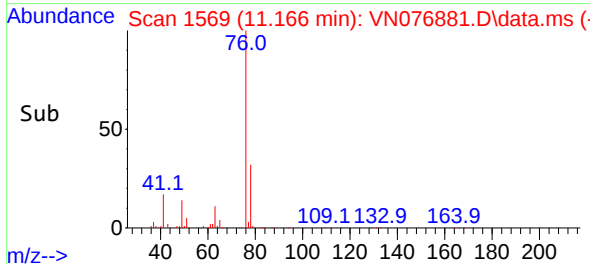
Tgt Ion: 76 Resp: 61517
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1

Manual Integrations

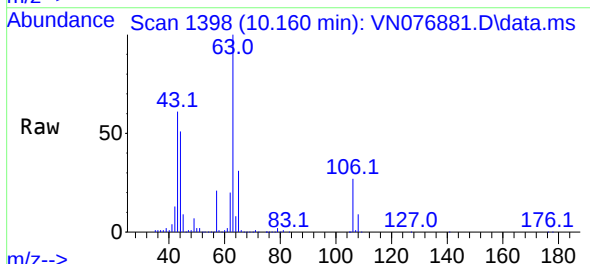
APPROVED

Reviewed By :John Carlone 03/09/2023

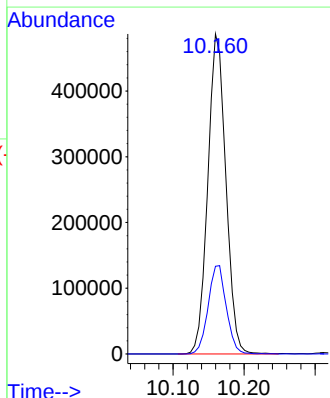
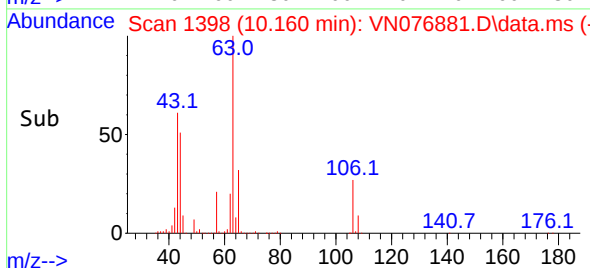
Supervised By :Mahesh Dadoda 03/09/2023

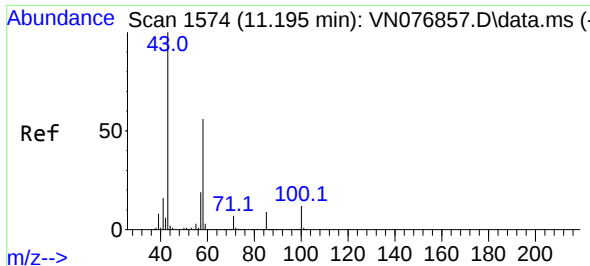


#58
2-Chloroethyl Vinyl ether
Concen: 221.951 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



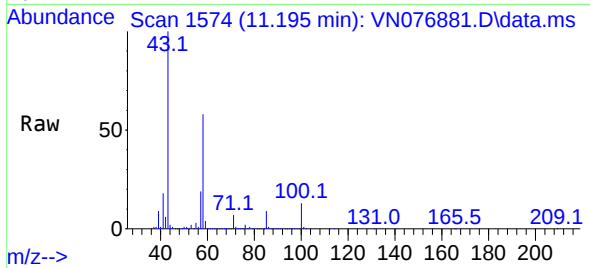
Tgt Ion: 63 Resp: 859649
Ion Ratio Lower Upper
63 100
106 27.8 25.6 38.4





#59
2-Hexanone
Concen: 232.551 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

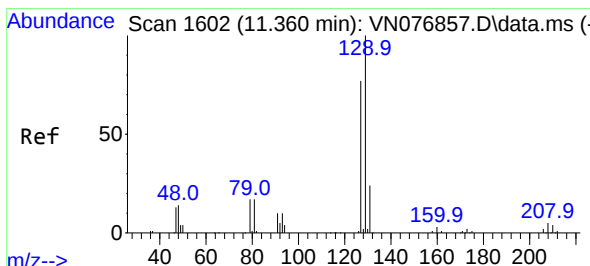
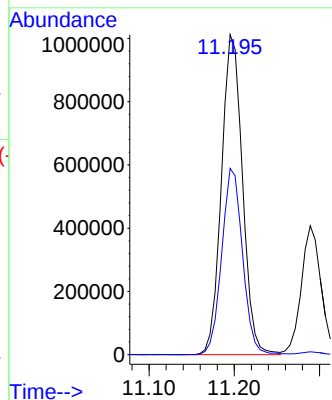
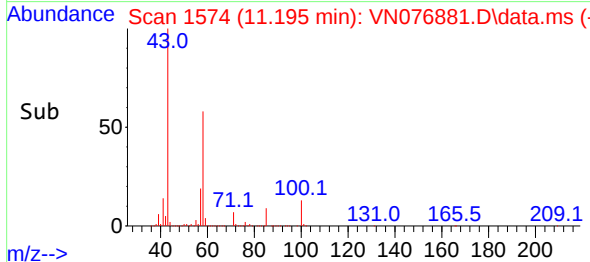
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 173669
Ion Ratio Lower Upper
43 100
58 57.7 32.6 98.0

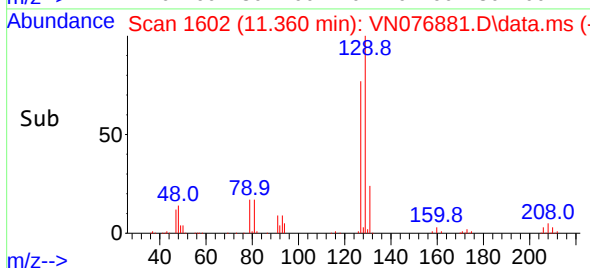
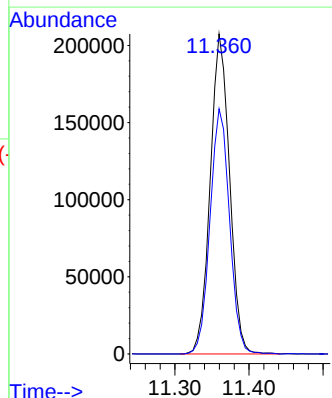
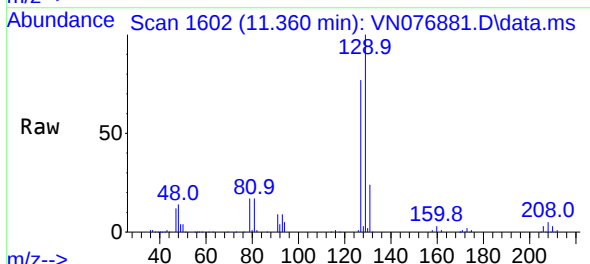
Manual Integrations
APPROVED

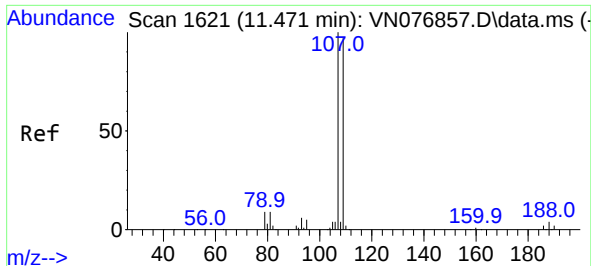
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#60
Dibromochloromethane
Concen: 50.891 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

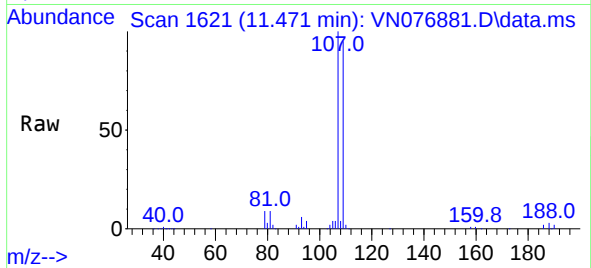
Tgt Ion:129 Resp: 376232
Ion Ratio Lower Upper
129 100
127 77.3 39.6 118.8





#61
1,2-Dibromoethane
Concen: 47.921 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

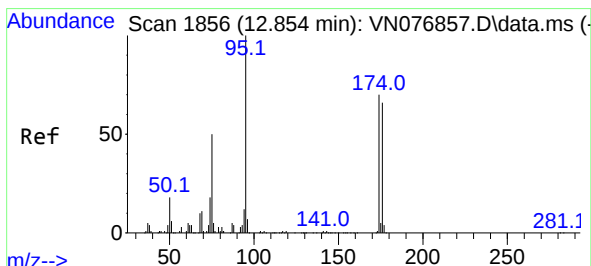
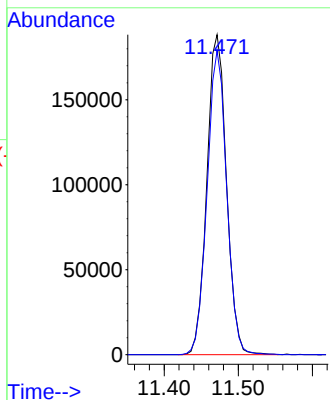
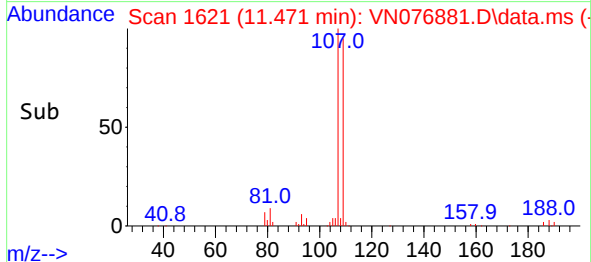
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



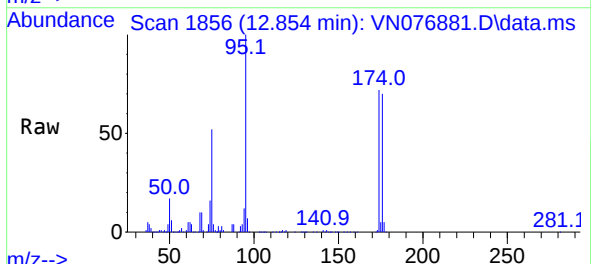
Tgt Ion:107 Resp: 34555
Ion Ratio Lower Upper
107 100
109 95.0 75.9 113.9

Manual Integrations
APPROVED

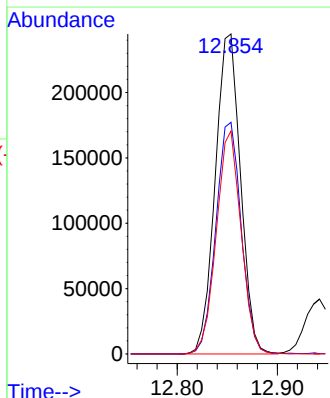
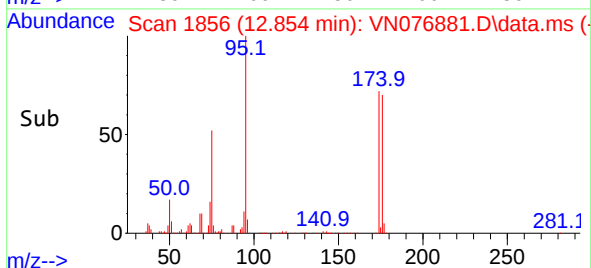
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

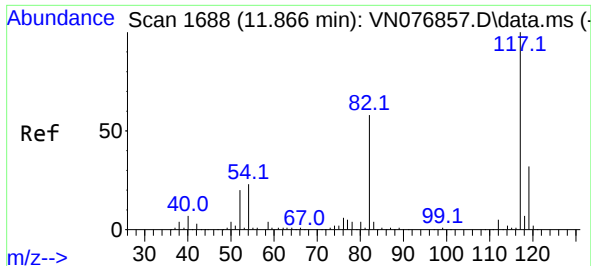


#62
4-Bromofluorobenzene
Concen: 49.583 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



Tgt Ion: 95 Resp: 428235
Ion Ratio Lower Upper
95 100
174 72.6 0.0 162.4
176 68.1 0.0 157.4





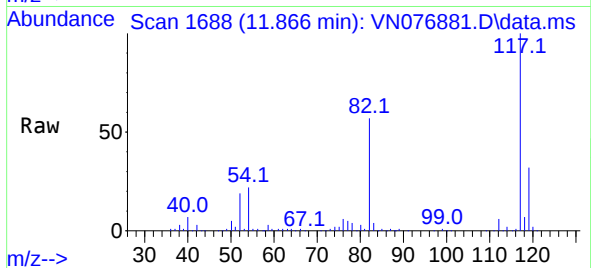
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

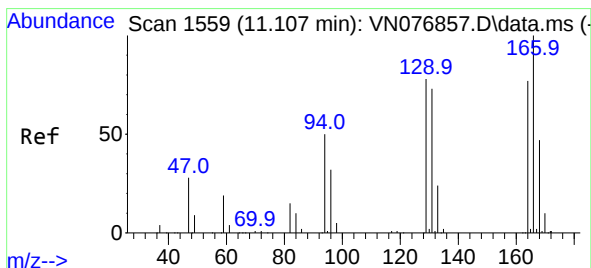
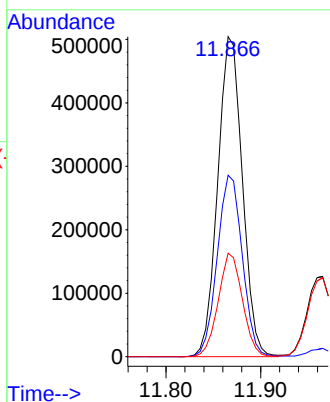
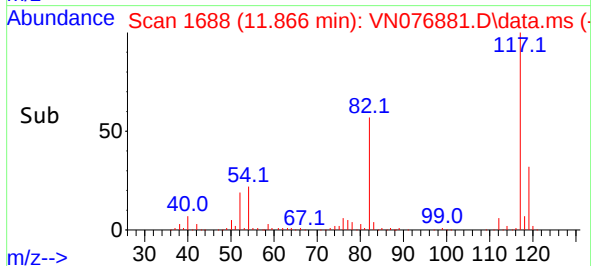


Tgt Ion:117 Resp: 913064
Ion Ratio Lower Upper
117 100
82 56.7 43.5 65.3
119 32.3 25.5 38.3

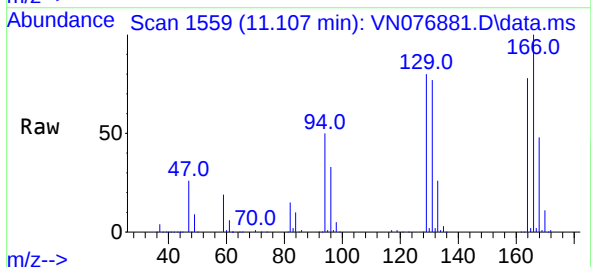
Manual Integrations

APPROVED

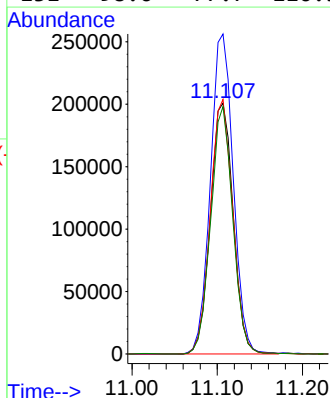
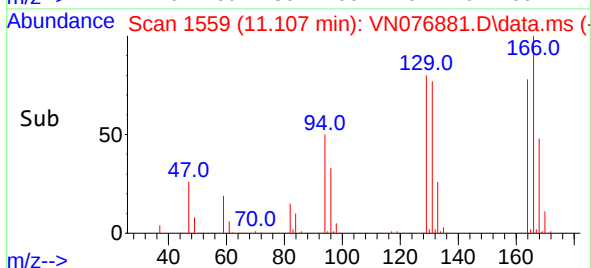
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

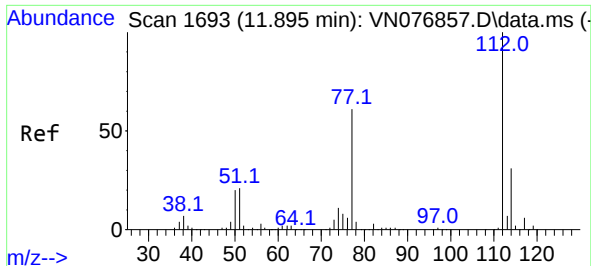


#64
Tetrachloroethene
Concen: 55.029 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



Tgt Ion:164 Resp: 373914
Ion Ratio Lower Upper
164 100
166 127.5 102.7 154.1
129 101.5 81.5 122.3
131 98.6 77.7 116.5





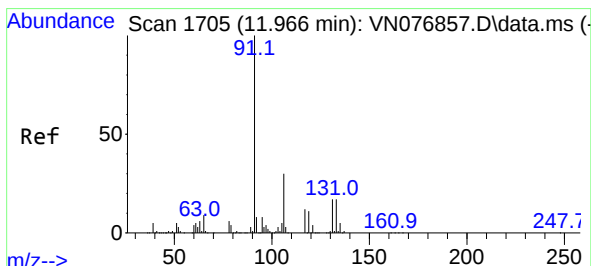
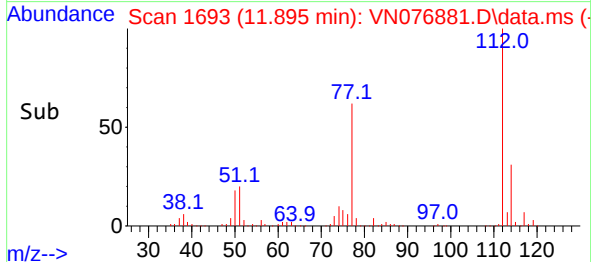
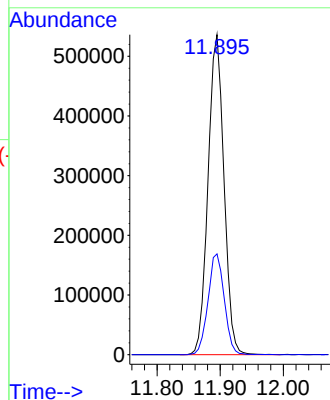
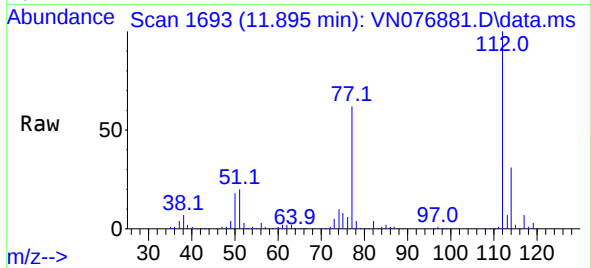
#65
Chlorobenzene
Concen: 47.634 ug/l
RT: 11.895 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 93992
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8

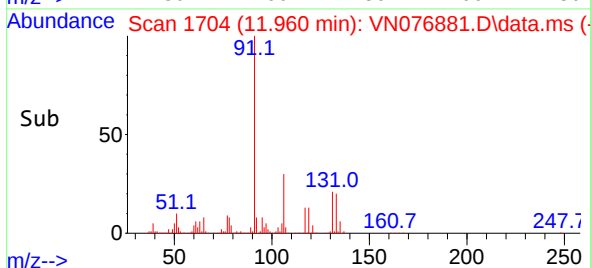
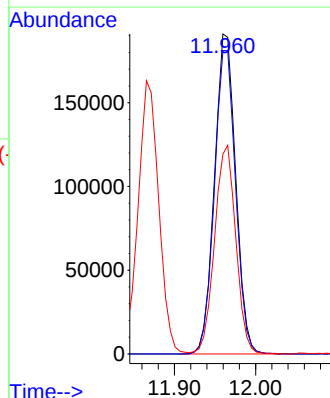
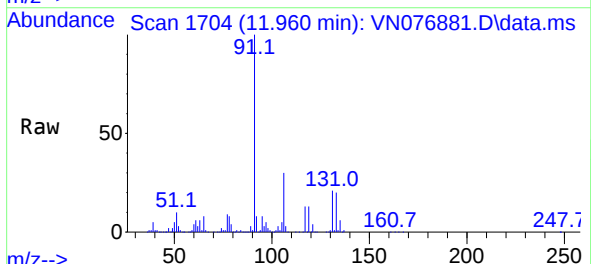
Manual Integrations
APPROVED

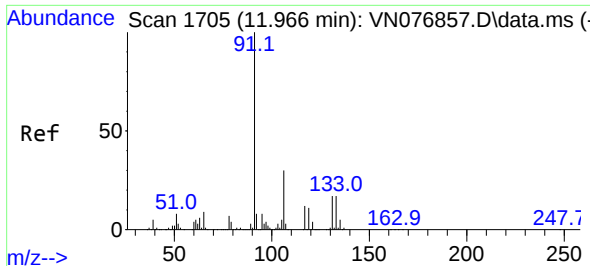
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.690 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

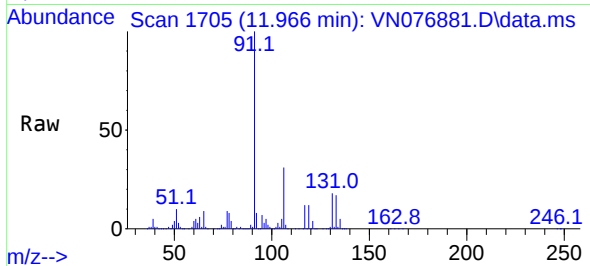
Tgt Ion:131 Resp: 347542
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.8
119 65.2 33.1 99.2





#67
Ethyl Benzene
Concen: 50.045 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

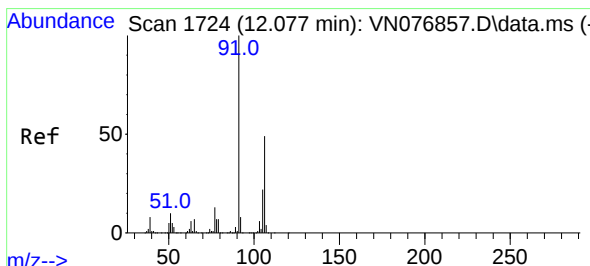
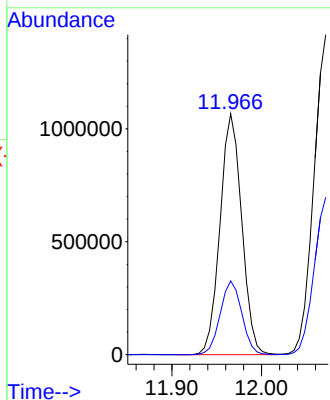
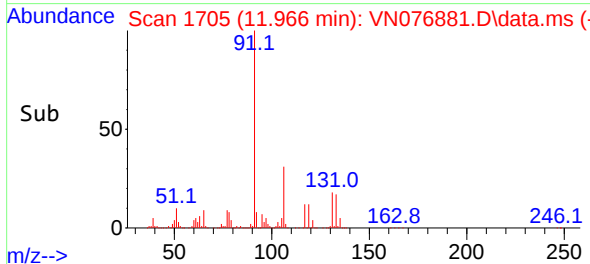
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



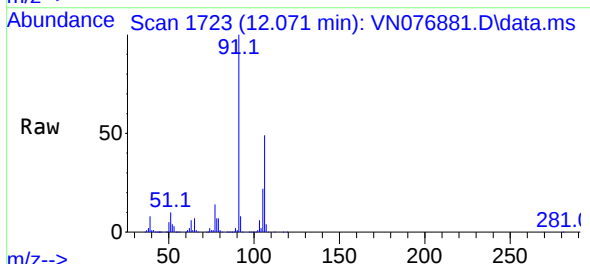
Tgt Ion: 91 Resp: 1793080
Ion Ratio Lower Upper
91 100
106 30.6 25.1 37.7

Manual Integrations
APPROVED

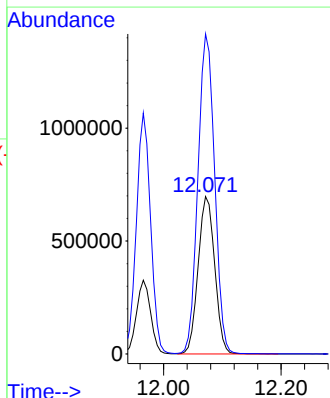
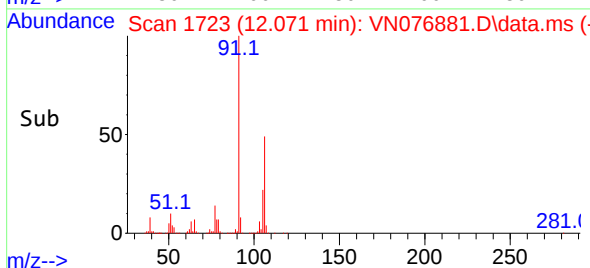
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

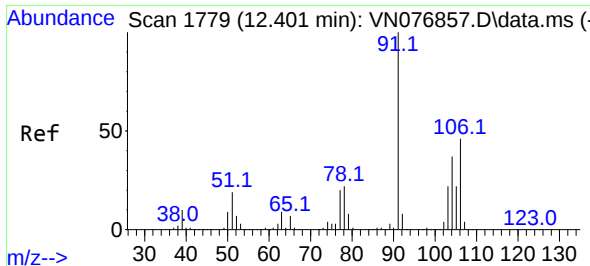


#68
m/p-Xylenes
Concen: 101.400 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



Tgt Ion:106 Resp: 1366879
Ion Ratio Lower Upper
106 100
91 204.8 158.0 237.0





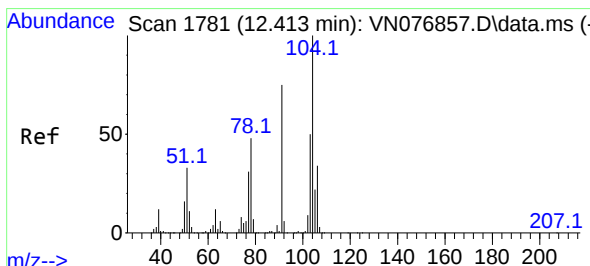
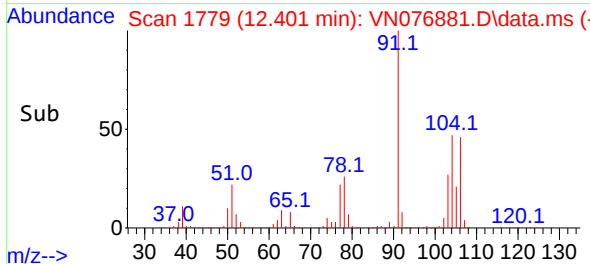
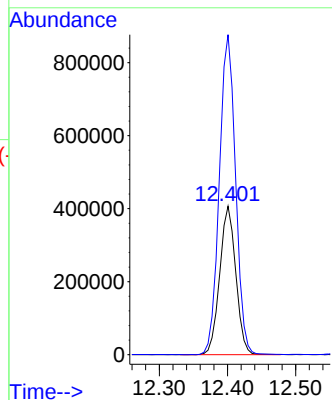
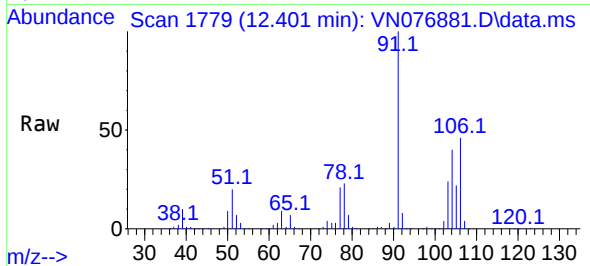
#69
o-Xylene
Concen: 50.330 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 66811
Ion Ratio Lower Upper
106 100
91 218.0 101.8 305.4

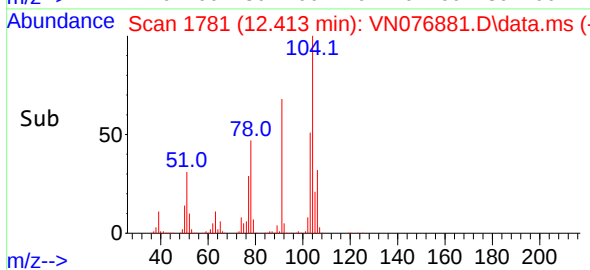
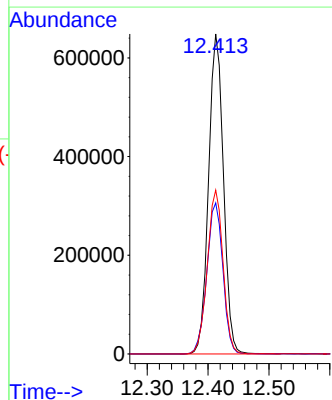
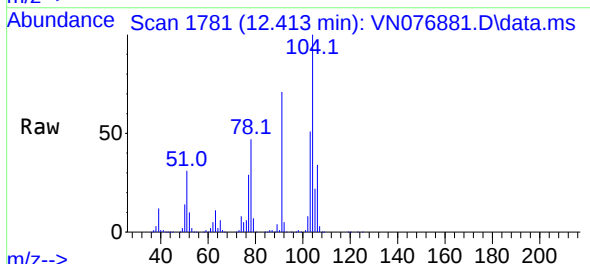
Manual Integrations
APPROVED

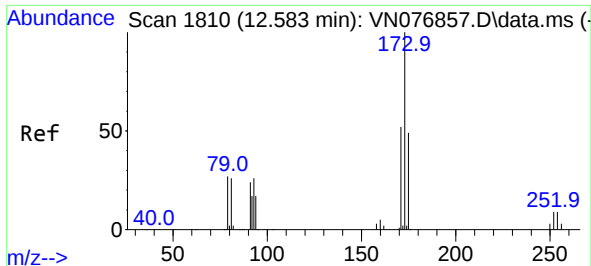
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#70
Styrene
Concen: 52.914 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

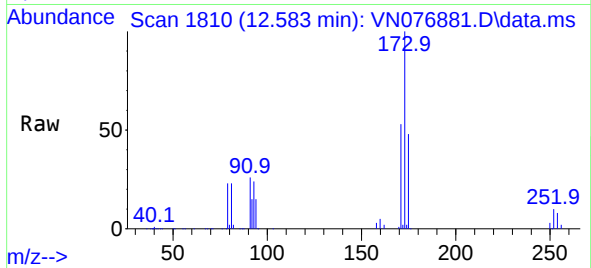
Tgt Ion:104 Resp: 1101278
Ion Ratio Lower Upper
104 100
78 51.0 36.6 55.0
103 54.1 43.4 65.0





#71
Bromoform
Concen: 51.760 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

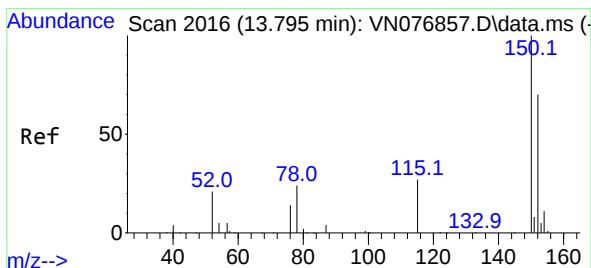
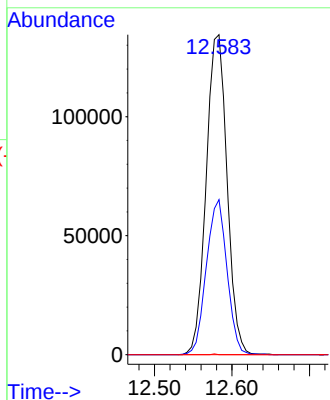
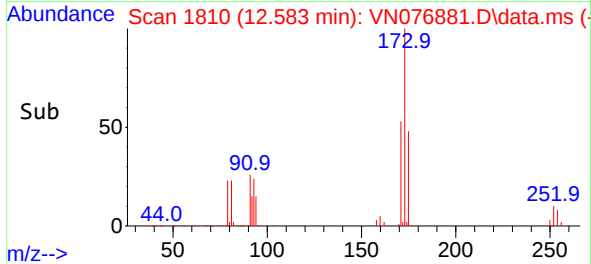
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



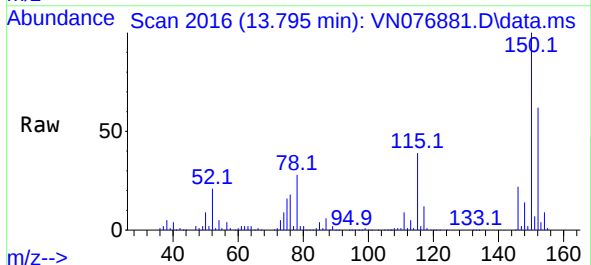
Tgt Ion:173 Resp: 251482
Ion Ratio Lower Upper
173 100
175 48.0 24.9 74.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

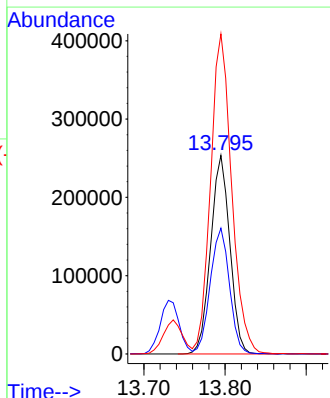
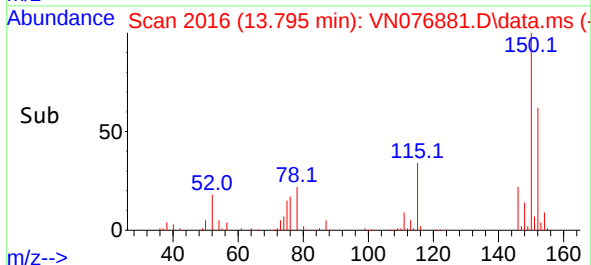
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

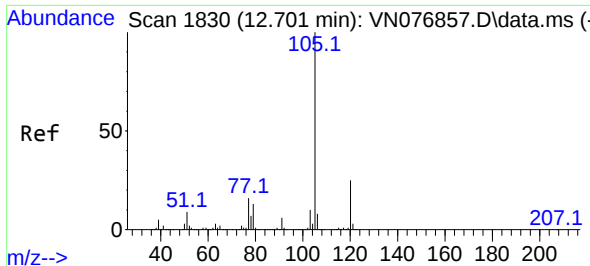


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



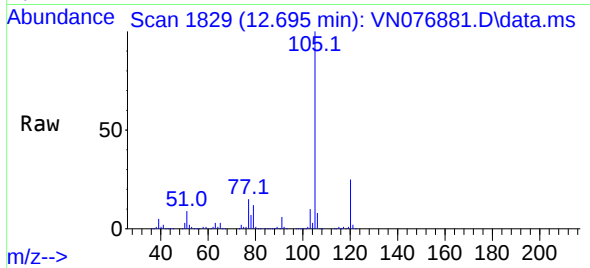
Tgt Ion:152 Resp: 416728
Ion Ratio Lower Upper
152 100
115 63.5 30.3 90.9
150 177.1 0.0 353.6





#73
Isopropylbenzene
Concen: 48.554 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

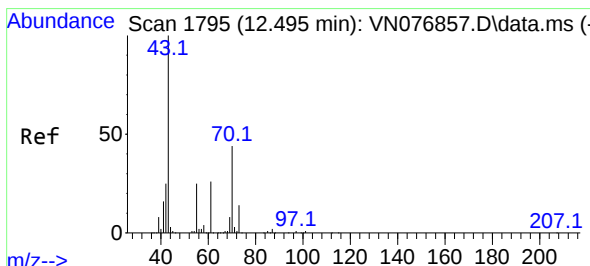
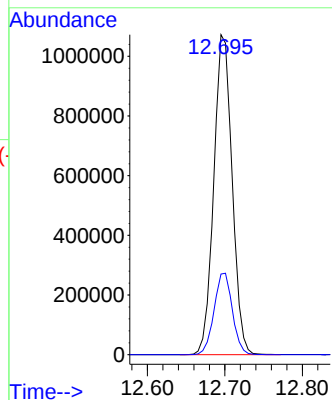
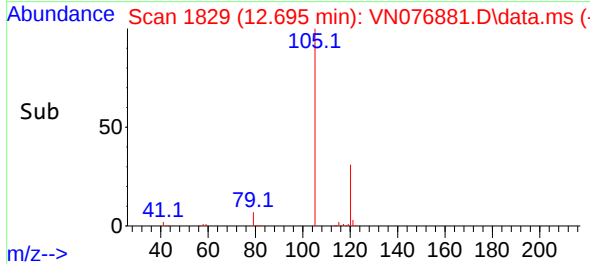
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



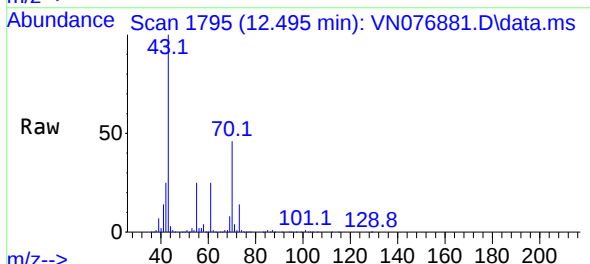
Tgt Ion:105 Resp: 176373
Ion Ratio Lower Upper
105 100
120 25.5 13.8 41.4

Manual Integrations
APPROVED

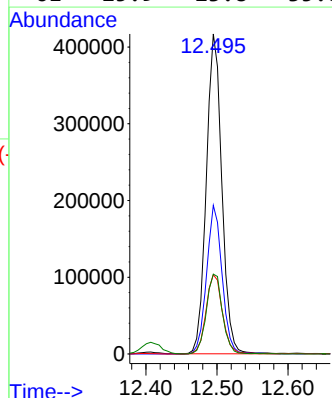
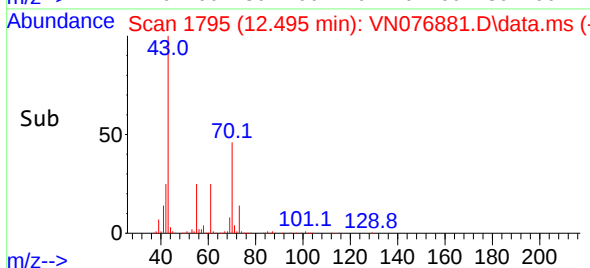
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

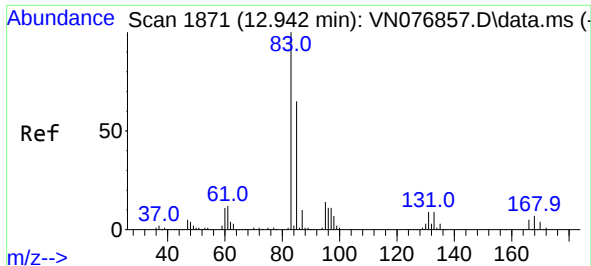


#74
N-ethyl acetate
Concen: 44.746 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



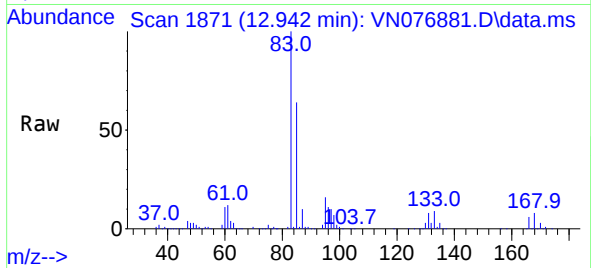
Tgt Ion: 43 Resp: 635693
Ion Ratio Lower Upper
43 100
70 46.5 46.8 70.2#
55 26.4 23.4 35.2
61 25.9 23.8 35.8





#75
1,1,2,2-Tetrachloroethane
Concen: 40.091 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

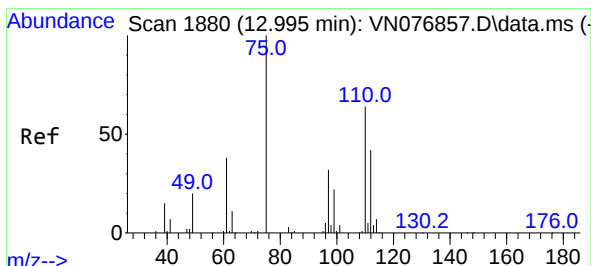
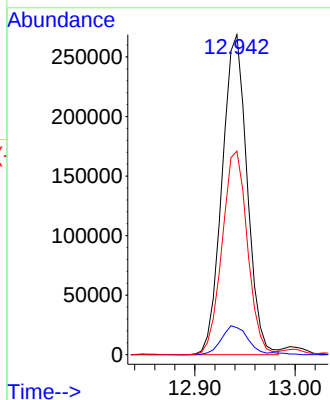
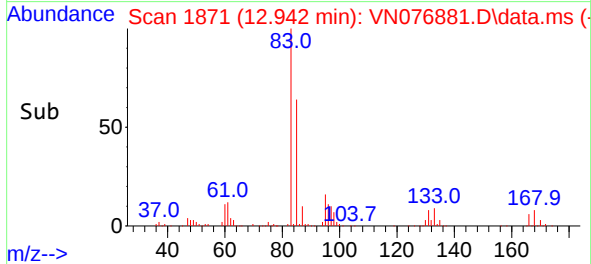
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



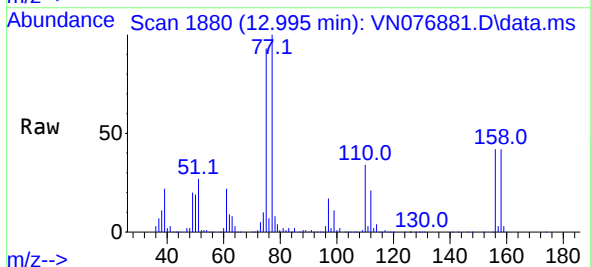
Tgt Ion: 83 Resp: 466712
Ion Ratio Lower Upper
83 100
131 9.8 5.3 16.1
85 64.4 32.0 96.0

Manual Integrations
APPROVED

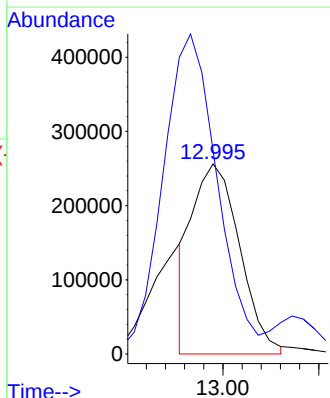
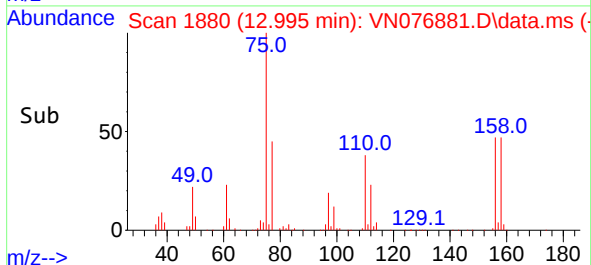
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

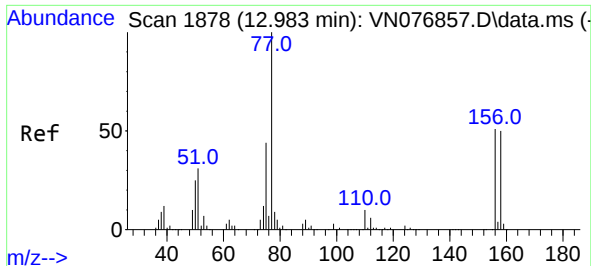


#76
1,2,3-Trichloropropane
Concen: 41.872 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



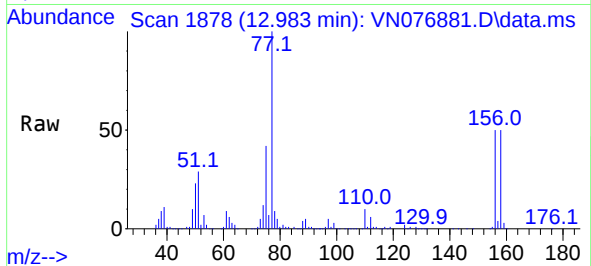
Tgt Ion: 75 Resp: 440070
Ion Ratio Lower Upper
75 100
77 193.3 93.8 281.4





#77
Bromobenzene
Concen: 47.050 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

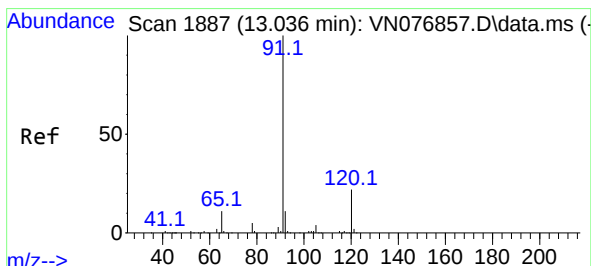
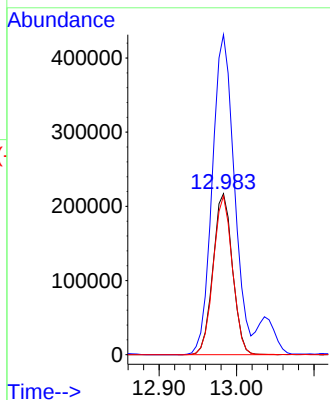
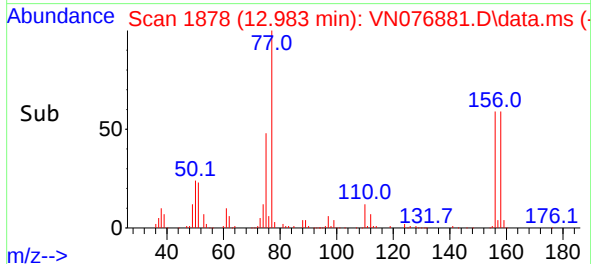
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



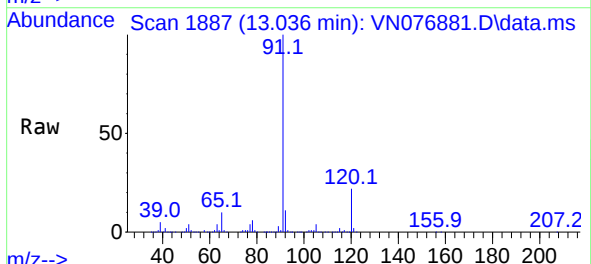
Tgt Ion:156 Resp: 37820
Ion Ratio Lower Upper
156 100
77 224.9 101.3 303.7
158 97.2 48.9 146.7

Manual Integrations
APPROVED

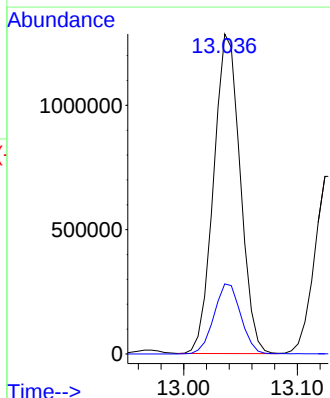
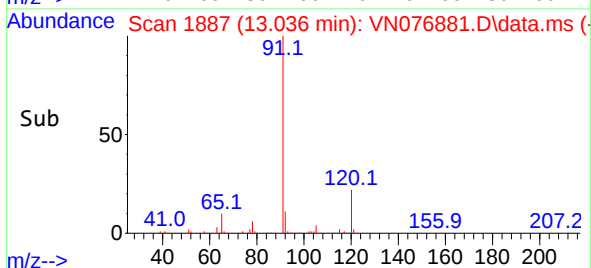
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

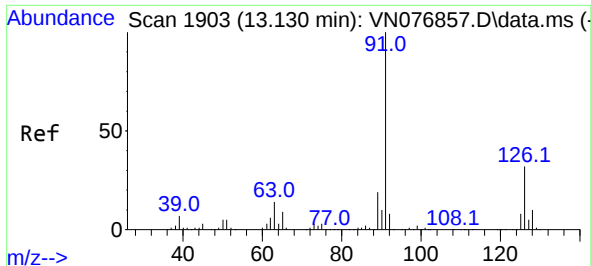


#78
n-propylbenzene
Concen: 50.434 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



Tgt Ion: 91 Resp: 2089211
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.7





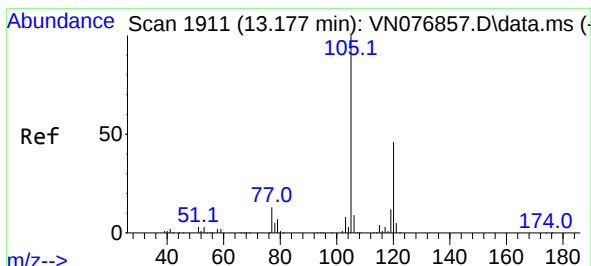
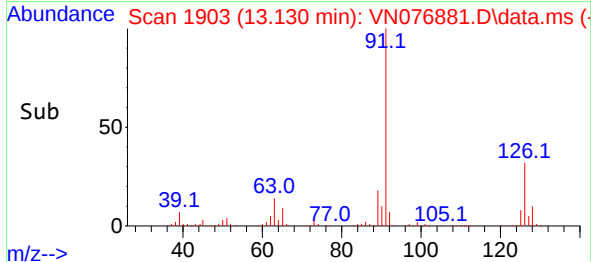
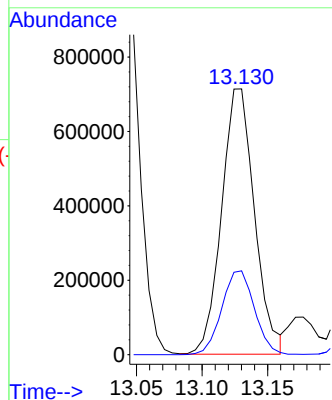
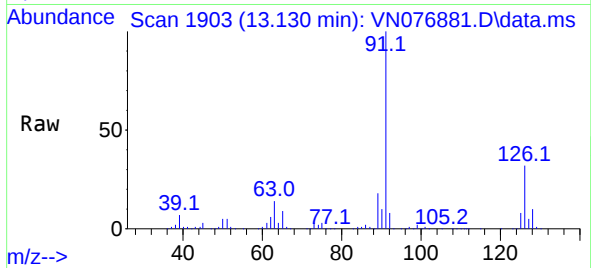
#79
2-Chlorotoluene
Concen: 46.900 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1246258
Ion Ratio Lower Upper
91 100
126 31.4 17.7 53.1

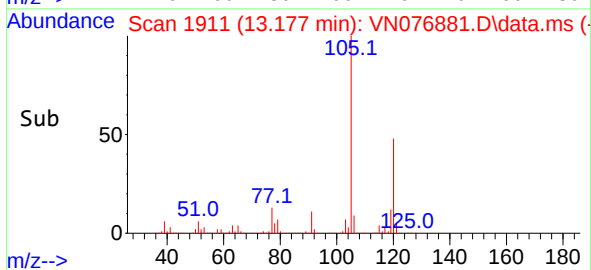
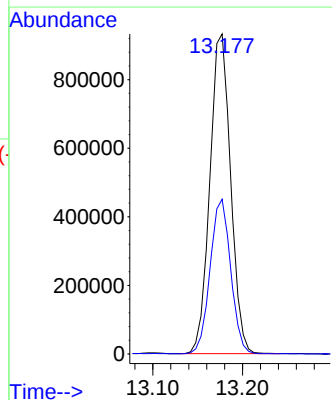
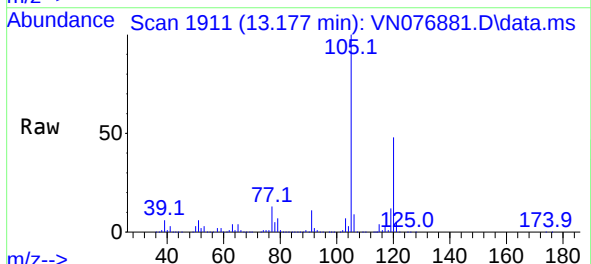
Manual Integrations
APPROVED

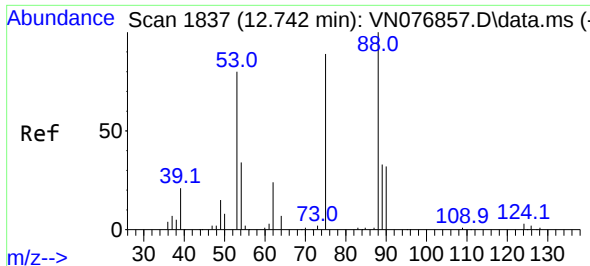
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.218 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

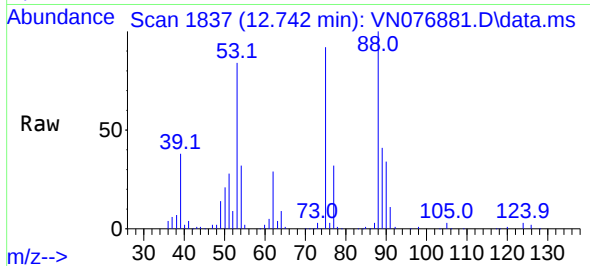
Tgt Ion:105 Resp: 1498425
Ion Ratio Lower Upper
105 100
120 47.9 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.984 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

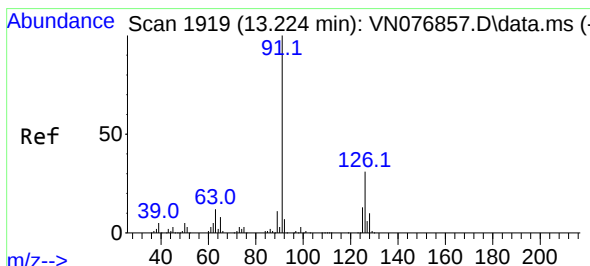
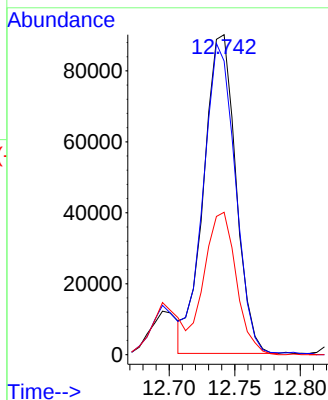
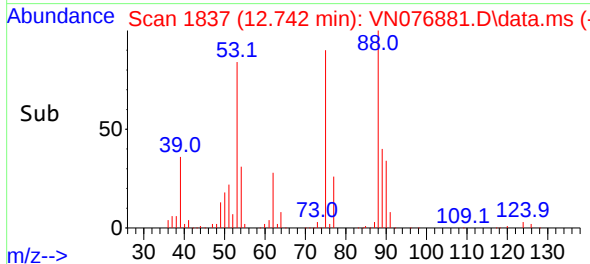
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



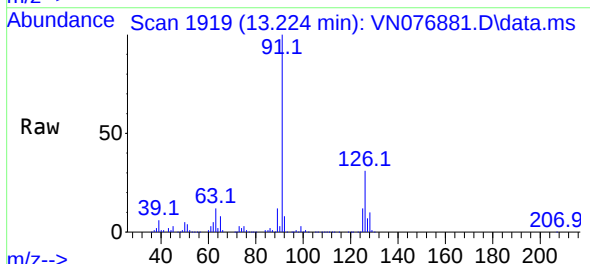
Tgt Ion: 75 Resp: 152910
Ion Ratio Lower Upper
75 100
53 98.4 67.4 101.0
89 44.5 39.5 59.3

Manual Integrations
APPROVED

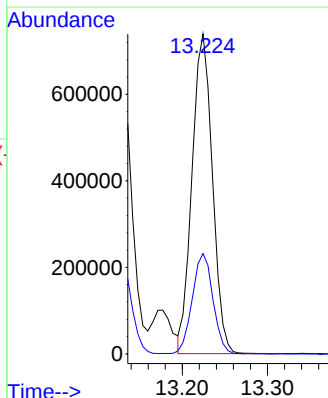
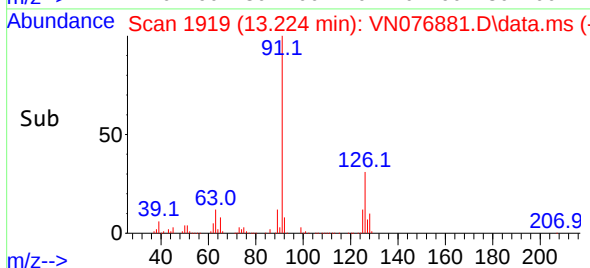
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

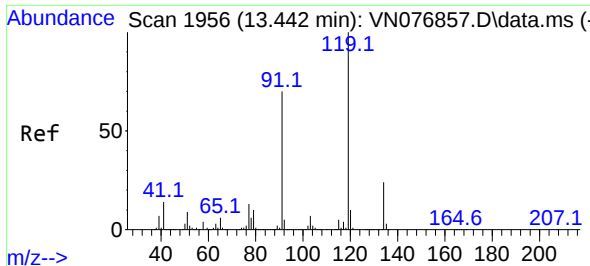


#82
4-Chlorotoluene
Concen: 48.661 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



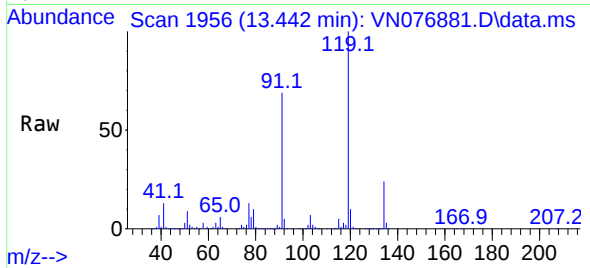
Tgt Ion: 91 Resp: 1225854
Ion Ratio Lower Upper
91 100
126 31.9 18.0 54.0





#83
tert-Butylbenzene
Concen: 48.680 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

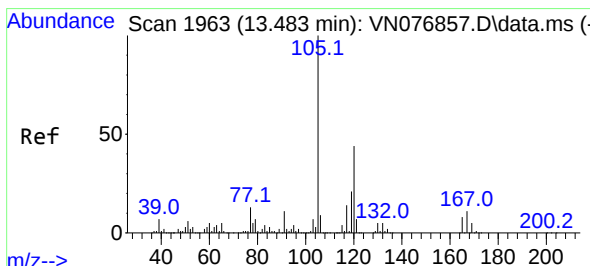
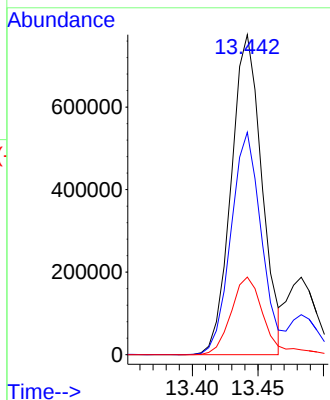
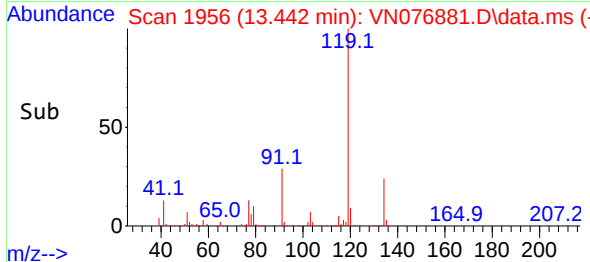
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



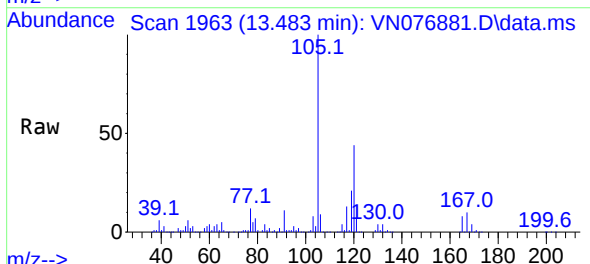
Tgt Ion:119 Resp: 1266454
Ion Ratio Lower Upper
119 100
91 69.8 31.9 95.5
134 26.0 13.8 41.4

Manual Integrations
APPROVED

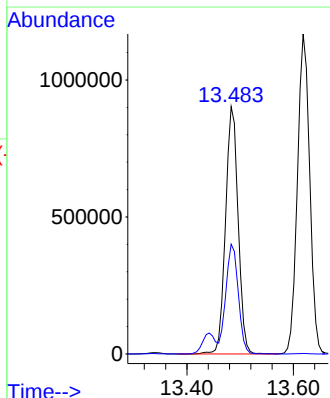
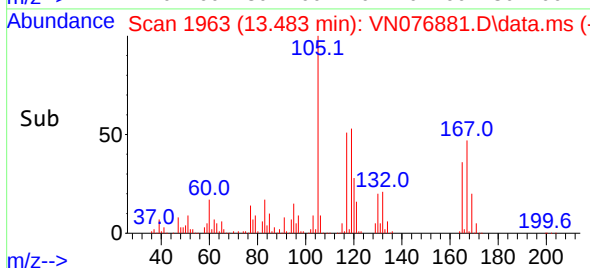
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

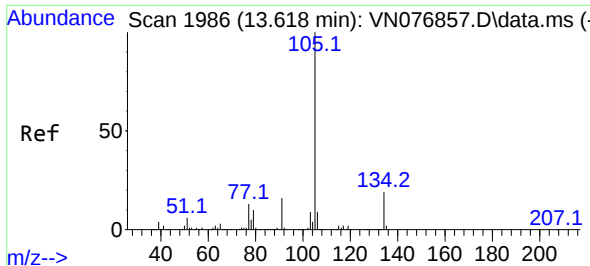


#84
1,2,4-Trimethylbenzene
Concen: 49.421 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



Tgt Ion:105 Resp: 1484184
Ion Ratio Lower Upper
105 100
120 43.6 23.6 70.8





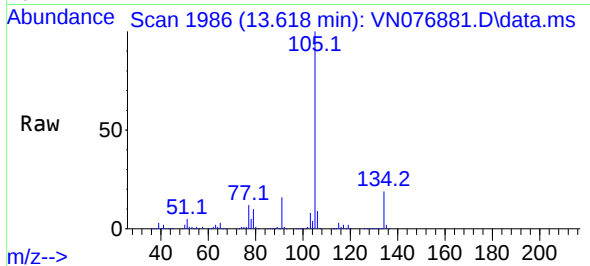
#85
 sec-Butylbenzene
 Concen: 51.356 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076881.D
 Acq: 08 Mar 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



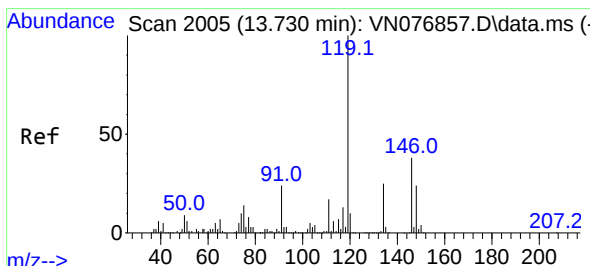
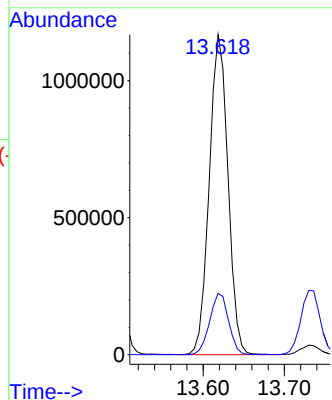
Tgt Ion:105 Resp: 1865410
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.2

Manual Integrations

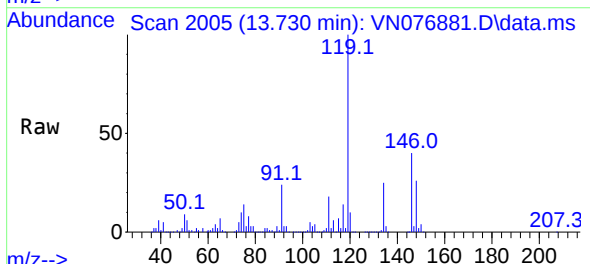
APPROVED

Reviewed By :John Carlone 03/09/2023

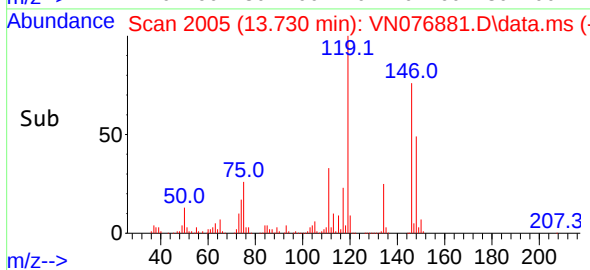
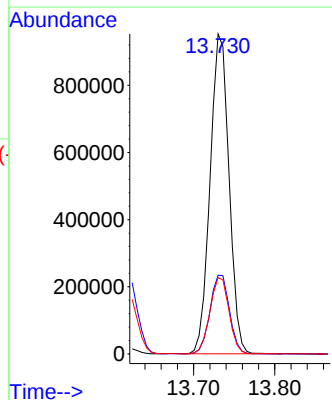
Supervised By :Mahesh Dadoda 03/09/2023

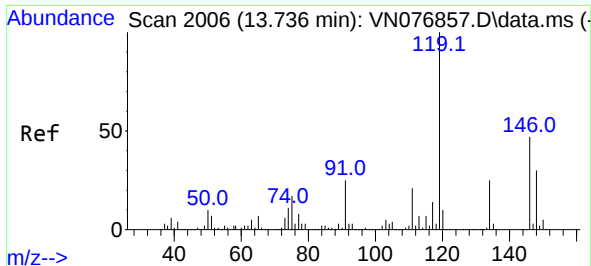


#86
 p-Isopropyltoluene
 Concen: 52.964 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076881.D
 Acq: 08 Mar 2023 15:48



Tgt Ion:119 Resp: 1538759
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.5 40.5
 91 24.1 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 48.890 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN076881.D

Acq: 08 Mar 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 717574

Ion Ratio Lower Upper

146 100

111 43.5 20.4 61.2

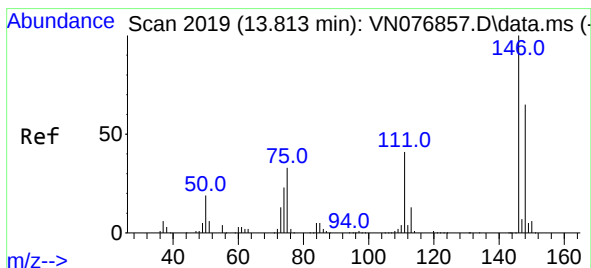
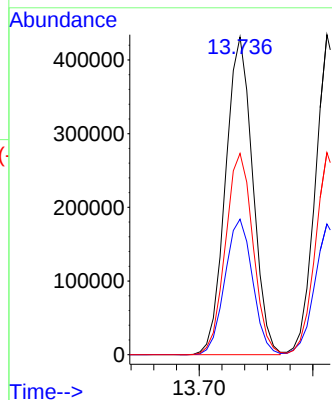
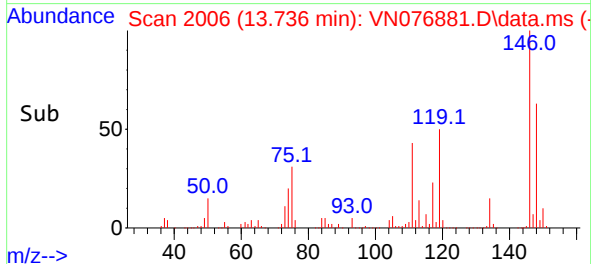
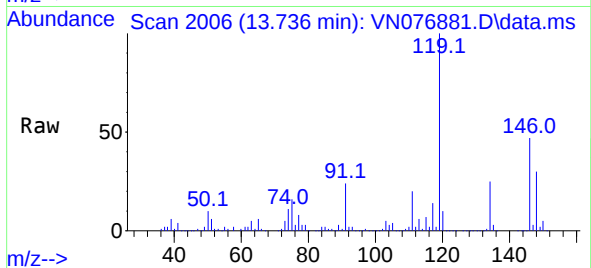
148 64.3 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#88

1,4-Dichlorobenzene

Concen: 47.636 ug/l

RT: 13.812 min Scan# 2019

Delta R.T. -0.001 min

Lab File: VN076881.D

Acq: 08 Mar 2023 15:48

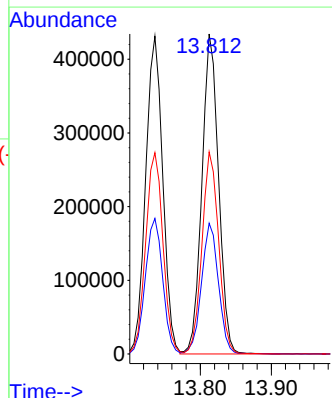
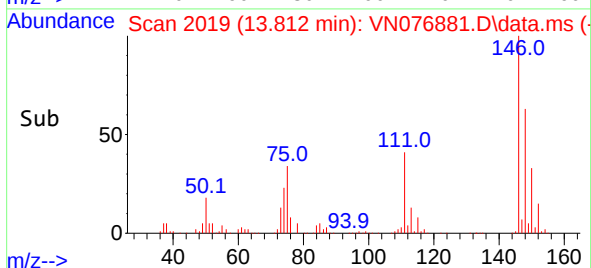
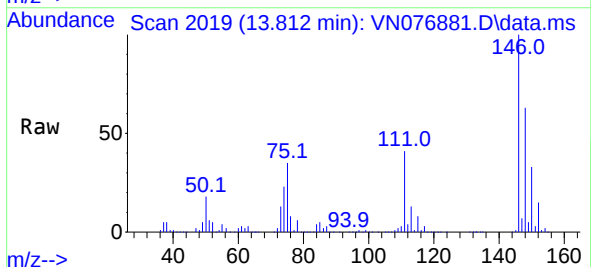
Tgt Ion:146 Resp: 709924

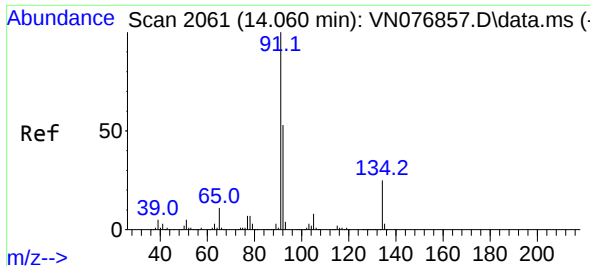
Ion Ratio Lower Upper

146 100

111 41.6 20.0 60.0

148 63.3 31.8 95.4





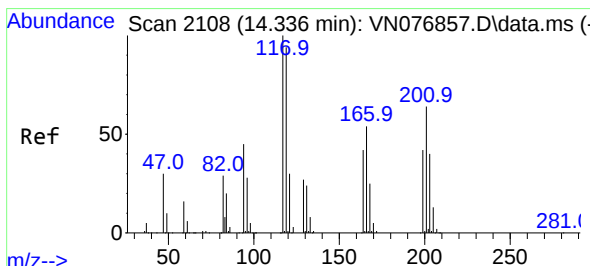
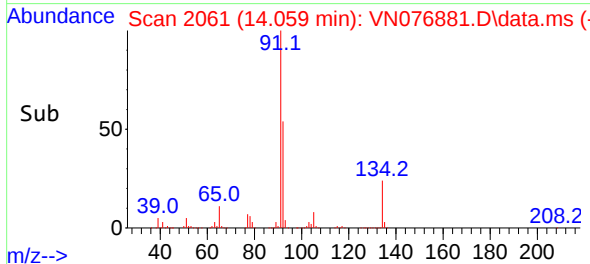
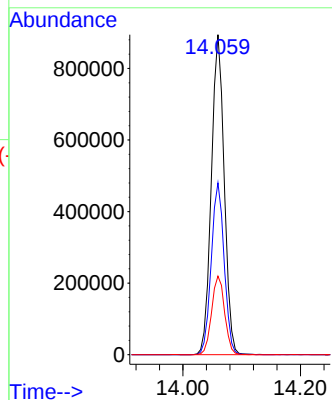
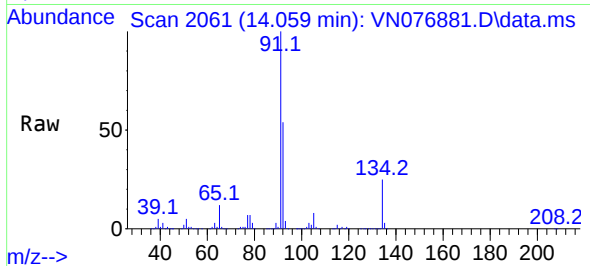
#89
n-Butylbenzene
Concen: 54.107 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 135803
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.7
134 24.8 13.6 40.7

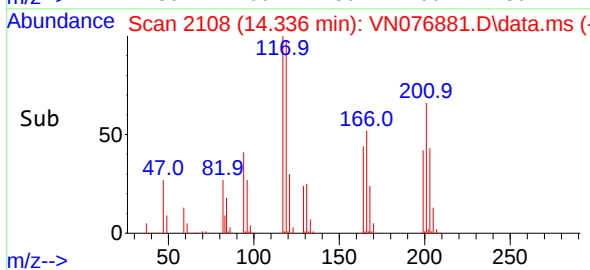
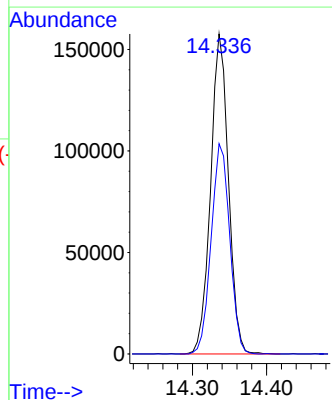
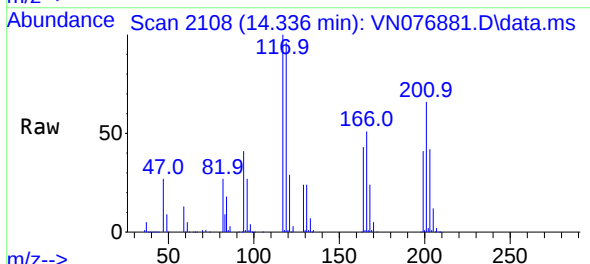
Manual Integrations
APPROVED

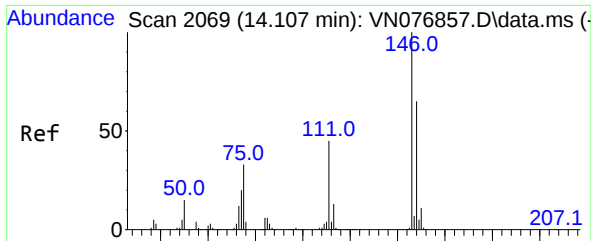
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#90
Hexachloroethane
Concen: 50.212 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

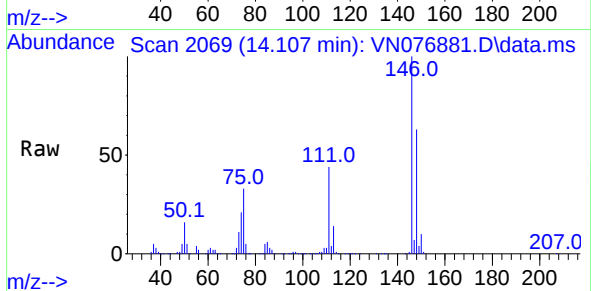
Tgt Ion:117 Resp: 263572
Ion Ratio Lower Upper
117 100
201 68.3 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 47.620 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

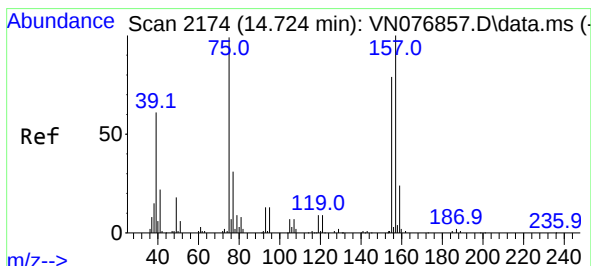
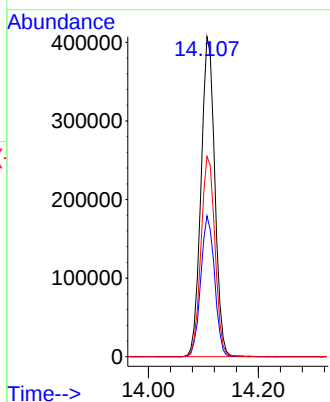
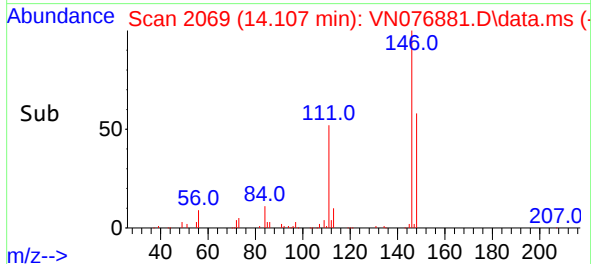
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



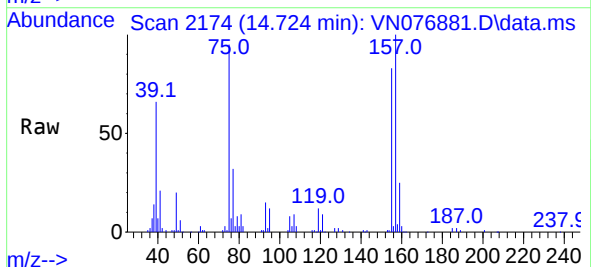
Tgt Ion:146 Resp: 70798
Ion Ratio Lower Upper
146 100
111 44.1 21.4 64.2
148 63.6 32.0 96.0

Manual Integrations
APPROVED

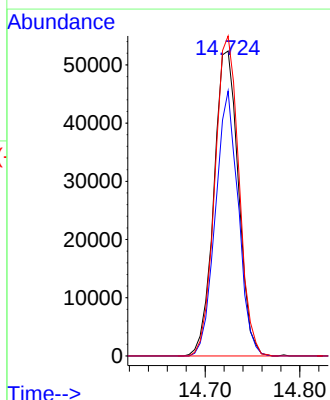
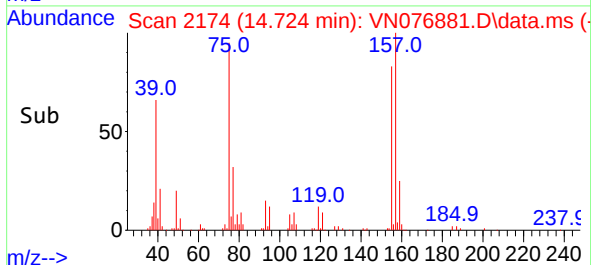
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

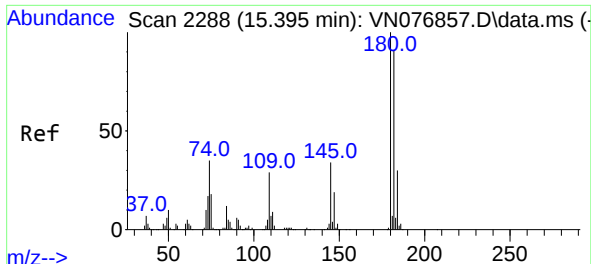


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.741 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



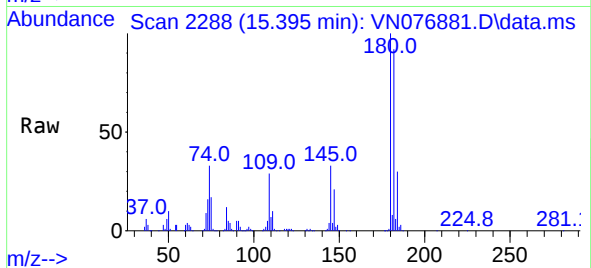
Tgt Ion: 75 Resp: 94282
Ion Ratio Lower Upper
75 100
155 80.9 44.3 132.8
157 102.7 58.3 174.8





#93
1,2,4-Trichlorobenzene
Concen: 54.129 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

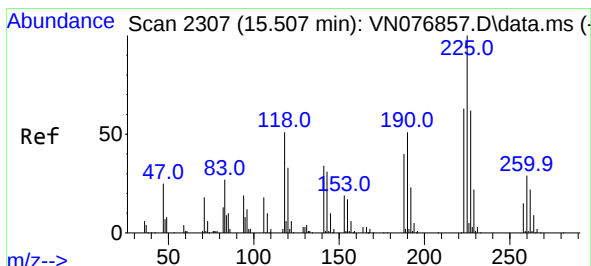
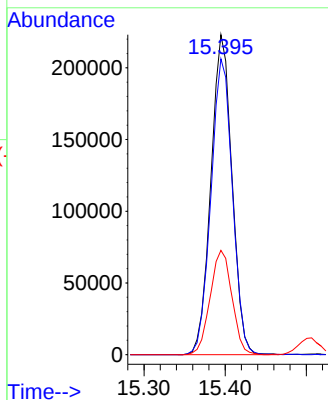
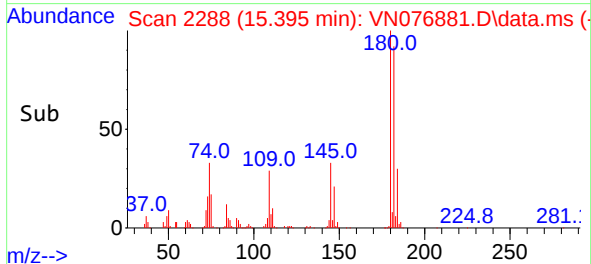
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



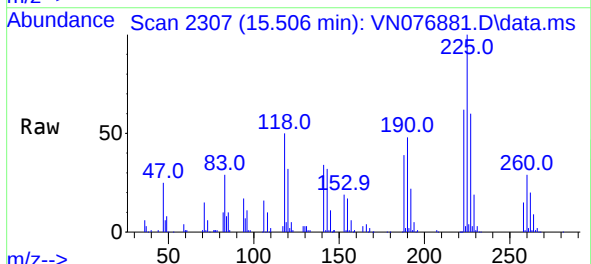
Tgt Ion:180 Resp: 402599
Ion Ratio Lower Upper
180 100
182 94.1 47.4 142.2
145 33.6 15.8 47.3

Manual Integrations
APPROVED

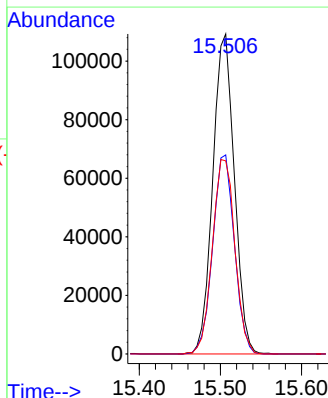
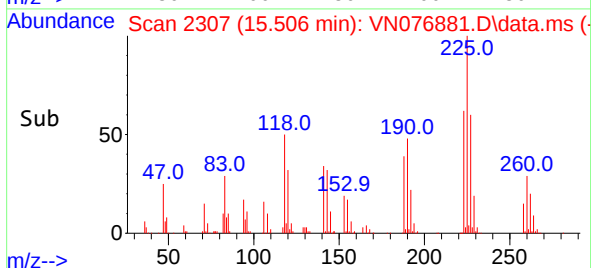
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

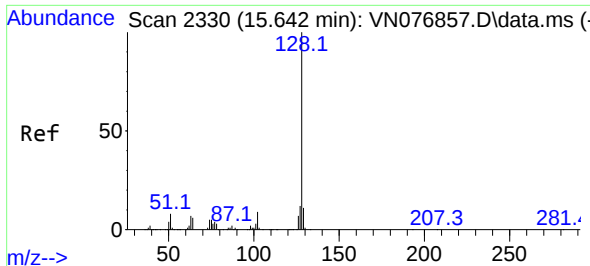


#94
Hexachlorobutadiene
Concen: 52.086 ug/l
RT: 15.506 min Scan# 2307
Delta R.T. -0.001 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



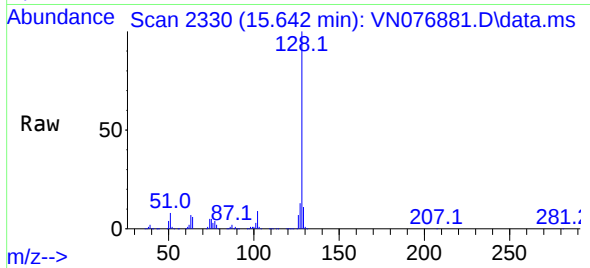
Tgt Ion:225 Resp: 201713
Ion Ratio Lower Upper
225 100
223 62.6 31.4 94.0
227 63.5 30.9 92.7





#95
Naphthalene
Concen: 51.605 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48

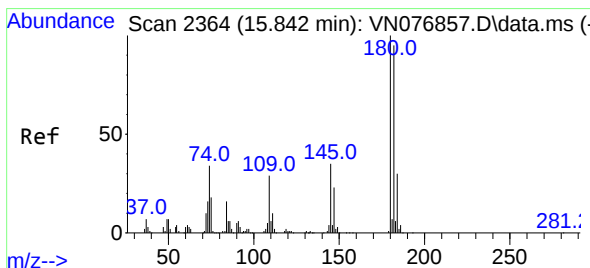
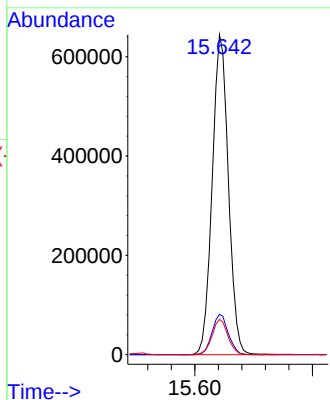
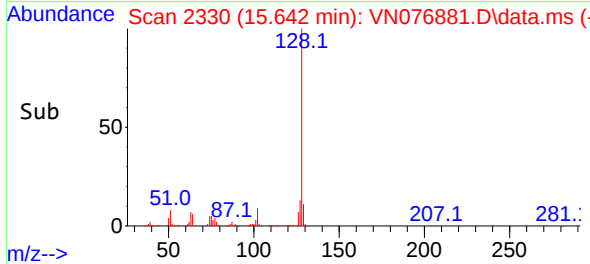
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



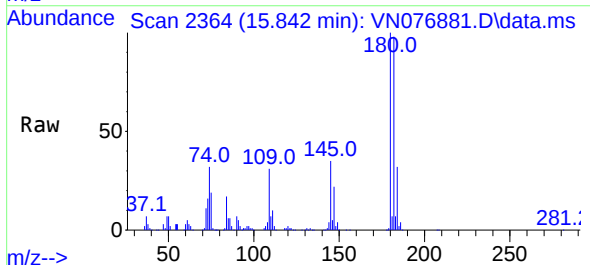
Tgt Ion:128 Resp: 1229458
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.570 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076881.D
Acq: 08 Mar 2023 15:48



Tgt Ion:180 Resp: 384312
Ion Ratio Lower Upper
180 100
182 94.4 47.7 143.1
145 35.1 17.0 51.0

