

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
 Data File : VN076874.D
 Acq On : 08 Mar 2023 09:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 09 03:20:04 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	546669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	927455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	833493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	385314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	333000	43.447	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.900%		
35) Dibromofluoromethane	8.172	113	268581	46.291	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.580%		
50) Toluene-d8	10.571	98	1075740	48.125	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.240%		
62) 4-Bromofluorobenzene	12.854	95	381780	49.289	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	312344	49.102	ug/l	99
3) Chloromethane	2.378	50	352932	42.184	ug/l	94
4) Vinyl Chloride	2.531	62	328620	42.852	ug/l	100
5) Bromomethane	2.954	94	204542	40.591	ug/l	93
6) Chloroethane	3.125	64	200845	44.590	ug/l	99
7) Trichlorofluoromethane	3.513	101	543395	48.565	ug/l	99
8) Diethyl Ether	3.972	74	216883	50.389	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.384	101	325882	49.812	ug/l	99
10) Methyl Iodide	4.607	142	388617	56.952	ug/l	99
11) Tert butyl alcohol	5.531	59	251570	221.036	ug/l	98
12) 1,1-Dichloroethene	4.354	96	311390	51.043	ug/l	93
13) Acrolein	4.190	56	345613	234.733	ug/l	97
14) Allyl chloride	5.037	41	553089	54.305	ug/l #	73
15) Acrylonitrile	5.731	53	881109	240.724	ug/l	100
16) Acetone	4.437	43	839576	250.951	ug/l	99
17) Carbon Disulfide	4.725	76	826947	49.931	ug/l	99
18) Methyl Acetate	5.037	43	537135	46.854	ug/l #	86
19) Methyl tert-butyl Ether	5.807	73	1053042	50.338	ug/l	96
20) Methylene Chloride	5.289	84	361005	46.249	ug/l #	85
21) trans-1,2-Dichloroethene	5.801	96	333974	50.632	ug/l	88
22) Diisopropyl ether	6.678	45	1150476	50.208	ug/l #	93
23) Vinyl Acetate	6.613	43	3691887	252.948	ug/l #	91
24) 1,1-Dichloroethane	6.578	63	650906	49.815	ug/l	98
25) 2-Butanone	7.489	43	1183401	242.146	ug/l #	85
26) 2,2-Dichloropropane	7.495	77	494012	51.627	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	384679	49.783	ug/l	87
28) Bromochloromethane	7.819	49	265152	47.988	ug/l #	81
29) Tetrahydrofuran	7.842	42	751068	238.231	ug/l #	79
30) Chloroform	7.972	83	646212	49.794	ug/l	100
31) Cyclohexane	8.266	56	594362	45.906	ug/l	86
32) 1,1,1-Trichloroethane	8.178	97	558730	49.718	ug/l	97
36) 1,1-Dichloropropene	8.377	75	487720	52.302	ug/l	97
37) Ethyl Acetate	7.572	43	455094	47.546	ug/l #	93
38) Carbon Tetrachloride	8.366	117	488386	51.555	ug/l	98
39) Methylcyclohexane	9.607	83	613521	53.377	ug/l #	87
40) Benzene	8.613	78	1478606	52.053	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	266762	51.036	ug/l #	83
42) 1,2-Dichloroethane	8.677	62	483065	48.818	ug/l	98
43) Isopropyl Acetate	8.695	43	734487	50.124	ug/l #	91
44) Trichloroethene	9.354	130	360147	53.473	ug/l	96
45) 1,2-Dichloropropane	9.624	63	377749	51.460	ug/l	98
46) Dibromomethane	9.713	93	239243	51.314	ug/l	96
47) Bromodichloromethane	9.889	83	504719	52.658	ug/l	96
48) Methyl methacrylate	9.683	41	358611	50.364	ug/l #	80
49) 1,4-Dioxane	9.695	88	122773	940.738	ug/l #	82
51) 4-Methyl-2-Pentanone	10.448	43	2316339	250.612	ug/l	92
52) Toluene	10.630	92	919289	54.351	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	520092	55.979	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	586060	54.916	ug/l	94
55) 1,1,2-Trichloroethane	11.019	97	348948	51.862	ug/l	97
56) Ethyl methacrylate	10.877	69	547133	54.577	ug/l #	85
57) 1,3-Dichloropropane	11.166	76	613386	52.507	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	870836	250.706	ug/l	92
59) 2-Hexanone	11.195	43	1691054	252.491	ug/l	90
60) Dibromochloromethane	11.360	129	364821	55.024	ug/l	98
61) 1,2-Dibromoethane	11.471	107	343078	53.051	ug/l	98
64) Tetrachloroethene	11.107	164	358568	57.808	ug/l	98
65) Chlorobenzene	11.895	112	916500	50.881	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	339450	52.096	ug/l	99
67) Ethyl Benzene	11.965	91	1756544	53.706	ug/l	98
68) m/p-Xylenes	12.071	106	1334348	108.436	ug/l	94
69) o-Xylene	12.401	106	653953	53.966	ug/l	90
70) Styrene	12.413	104	1073379	56.497	ug/l	96
71) Bromoform	12.583	173	245230	55.292	ug/l #	98
73) Isopropylbenzene	12.701	105	1706124	50.798	ug/l	97
74) N-amyl acetate	12.495	43	631993	48.113	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.942	83	470949	43.753	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	443954m	45.686	ug/l	
77) Bromobenzene	12.983	156	374461	50.383	ug/l	90
78) n-propylbenzene	13.036	91	2036418	53.168	ug/l	97
79) 2-Chlorotoluene	13.130	91	1221067	49.698	ug/l	93
80) 1,3,5-Trimethylbenzene	13.177	105	1467591	52.135	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.736	75	150090	50.939	ug/l	91
82) 4-Chlorotoluene	13.224	91	1189164	51.053	ug/l	92
83) tert-Butylbenzene	13.442	119	1274878	52.999	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	1464904	52.756	ug/l	94
85) sec-Butylbenzene	13.618	105	1819766	54.184	ug/l	97
86) p-Isopropyltoluene	13.730	119	1483827	55.238	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	705463	51.984	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	698519	50.692	ug/l	99
89) n-Butylbenzene	14.059	91	1292851	55.709	ug/l	98
90) Hexachloroethane	14.336	117	250536	51.620	ug/l	93
91) 1,2-Dichlorobenzene	14.107	146	694533	50.524	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	95313	46.731	ug/l	88
93) 1,2,4-Trichlorobenzene	15.395	180	386902	56.259	ug/l	99
94) Hexachlorobutadiene	15.506	225	192951	53.885	ug/l	100
95) Naphthalene	15.642	128	1213206	55.074	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	379813	56.190	ug/l	99

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QLast Update : Tue Mar 07 08:45:33 2023
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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

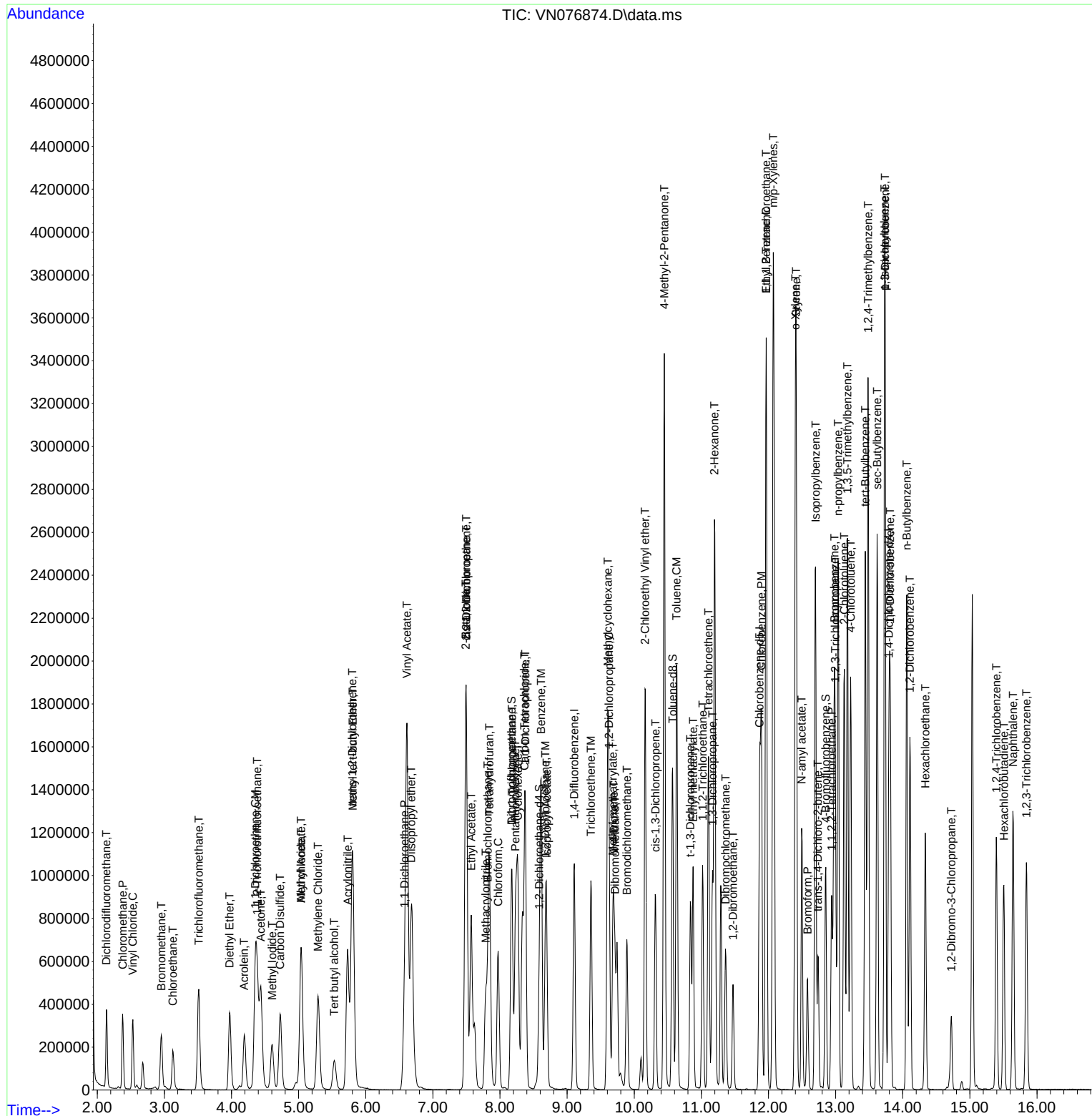
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030823\
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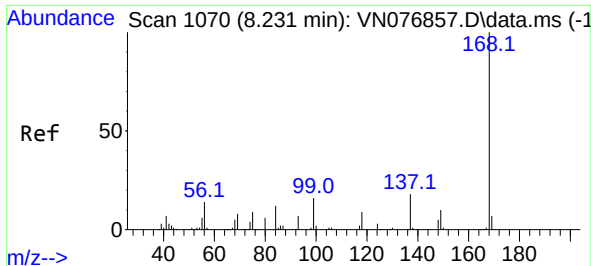
Instrument :
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Manual Integrations
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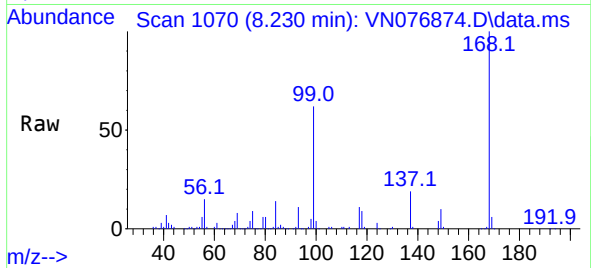
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076874.D
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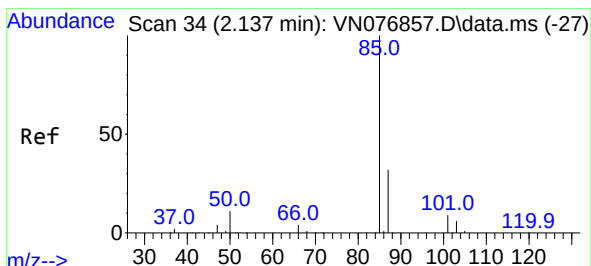
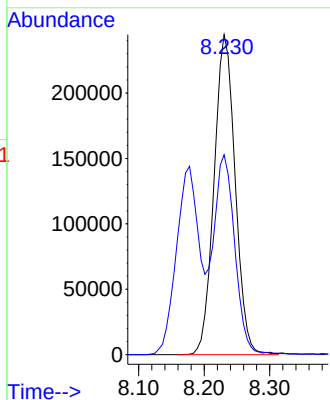
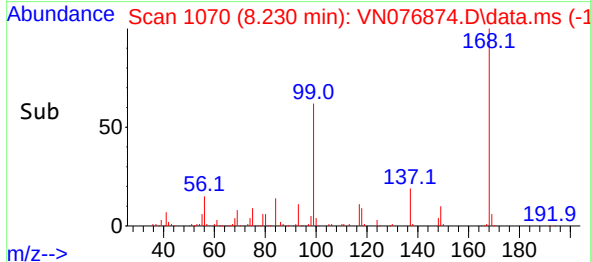
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



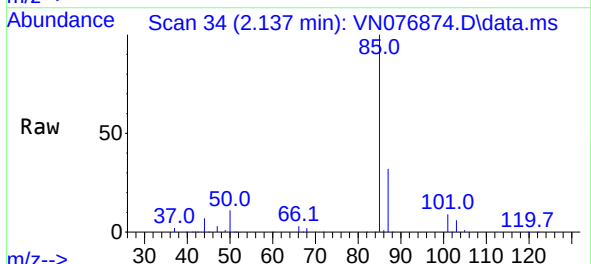
Tgt Ion:168 Resp: 546669
Ion Ratio Lower Upper
168 100
99 62.0 48.6 73.0

Manual Integrations
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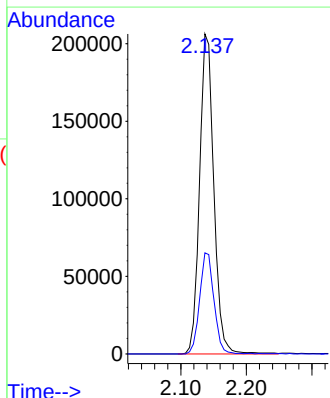
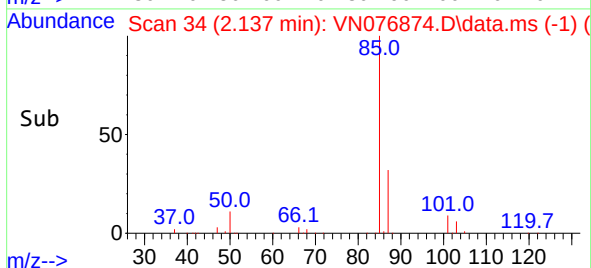
Reviewed By :John Carlone 03/09/2023
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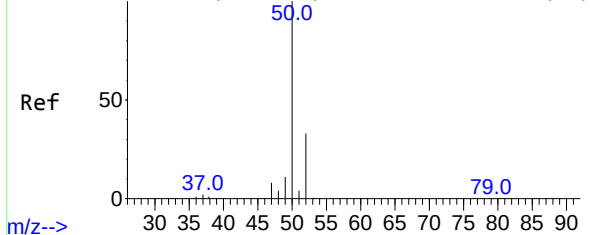
#2
Dichlorodifluoromethane
Concen: 49.102 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



Tgt Ion: 85 Resp: 312344
Ion Ratio Lower Upper
85 100
87 31.6 16.2 48.6



Abundance Scan 75 (2.378 min): VN076857.D\data.ms (-67)



#3

Chloromethane

Concen: 42.184 ug/l

RT: 2.378 min Scan# 75

Delta R.T. -0.000 min

Lab File: VN076874.D

Acq: 08 Mar 2023 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 35293

Ion Ratio Lower Upper

50 100

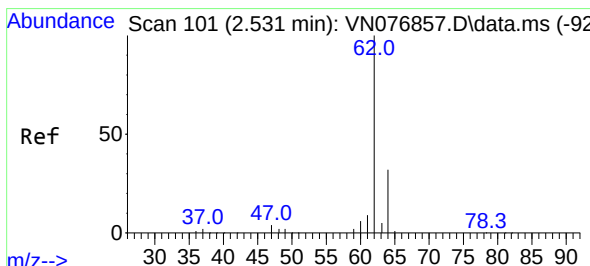
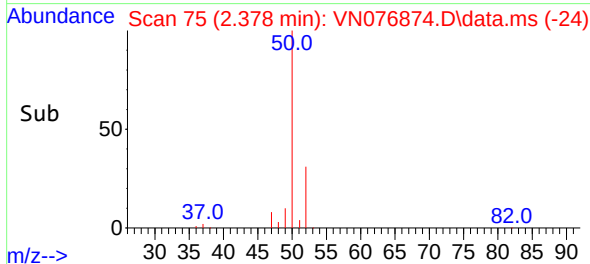
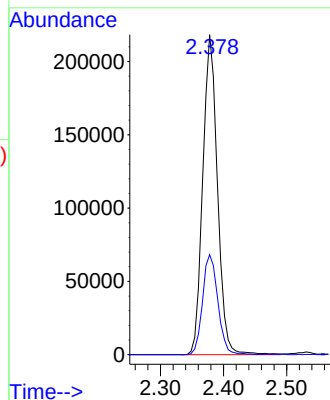
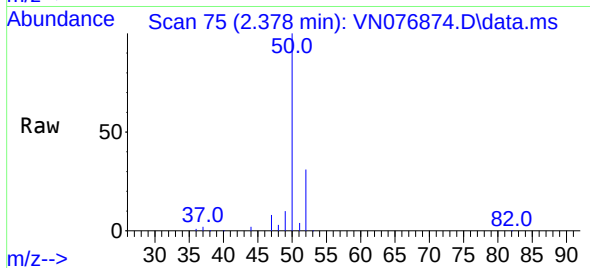
52 31.2 27.9 41.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2023

Supervised By :Mahesh Dadoda 03/09/2023



#4

Vinyl Chloride

Concen: 42.852 ug/l

RT: 2.531 min Scan# 101

Delta R.T. -0.000 min

Lab File: VN076874.D

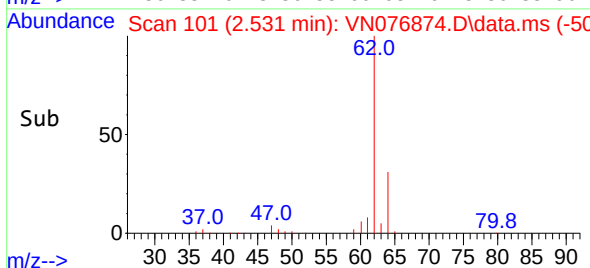
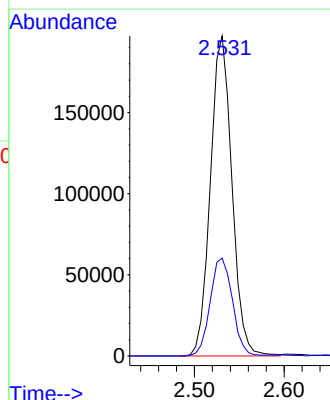
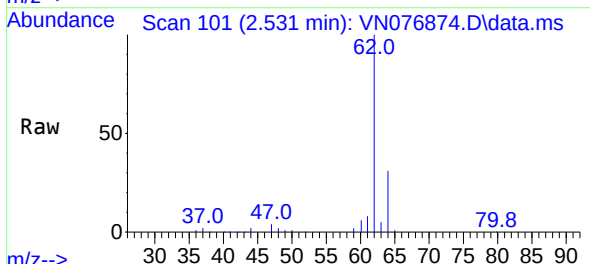
Acq: 08 Mar 2023 09:59

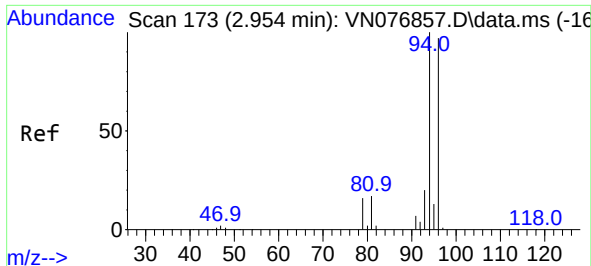
Tgt Ion: 62 Resp: 328620

Ion Ratio Lower Upper

62 100

64 30.6 24.5 36.7





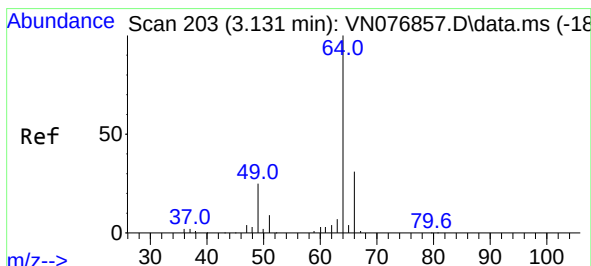
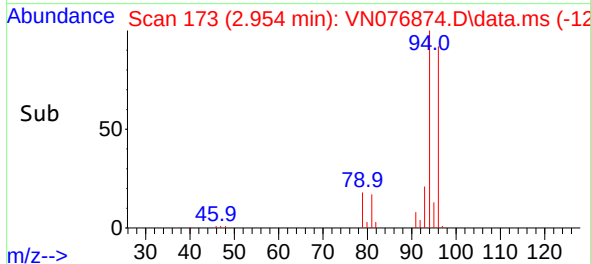
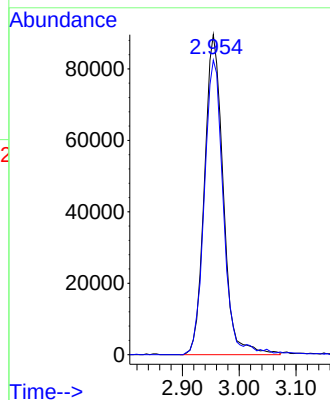
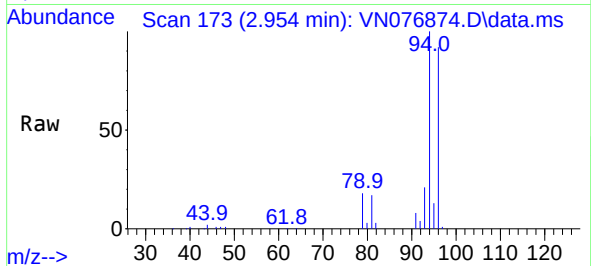
#5
Bromomethane
Concen: 40.591 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 20454
Ion Ratio Lower Upper
94 100
96 92.0 79.0 118.6

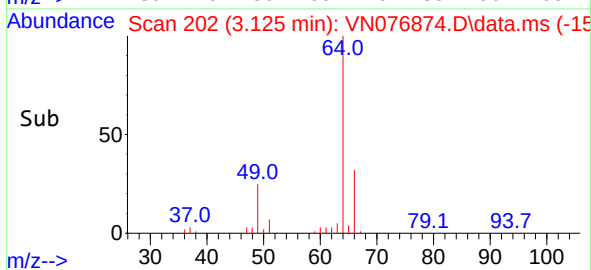
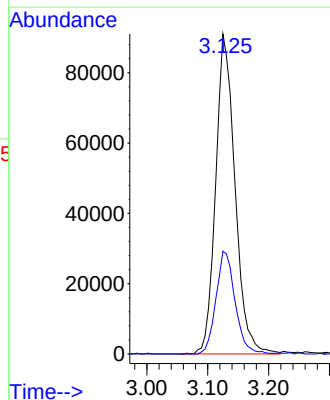
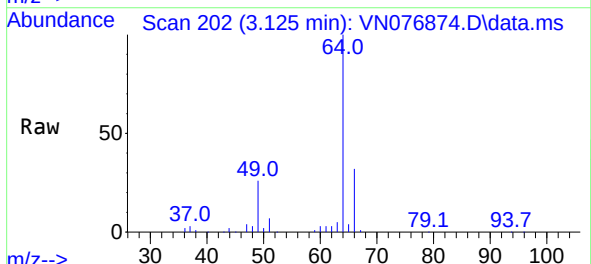
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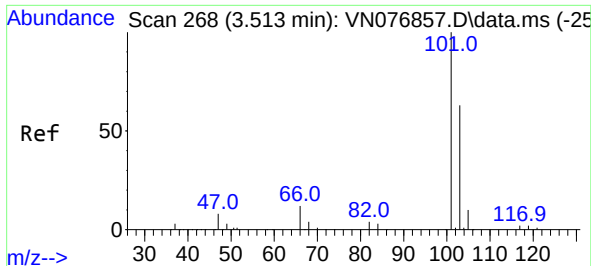
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#6
Chloroethane
Concen: 44.590 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.006 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Tgt Ion: 64 Resp: 200845
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 48.565 ug/l
 RT: 3.513 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN076874.D
 Acq: 08 Mar 2023 09:59

Instrument :

MSVOA_N

ClientSampleId :

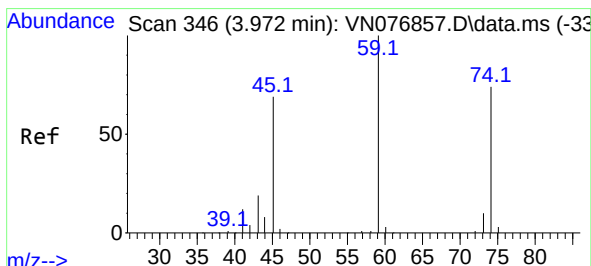
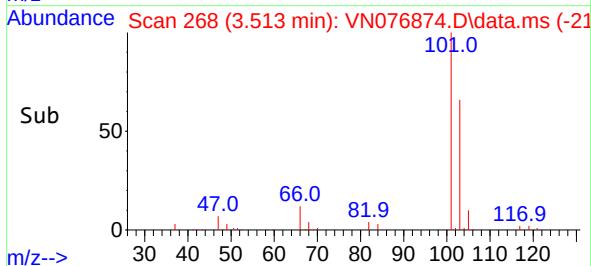
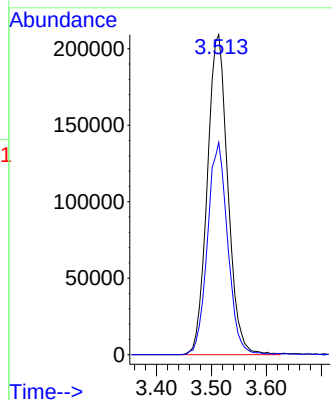
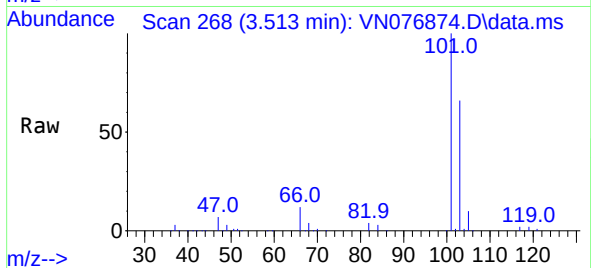
VSTDCCC050

Tgt Ion:101 Resp: 54339
 Ion Ratio Lower Upper
 101 100
 103 66.3 53.4 80.0

Manual Integrations

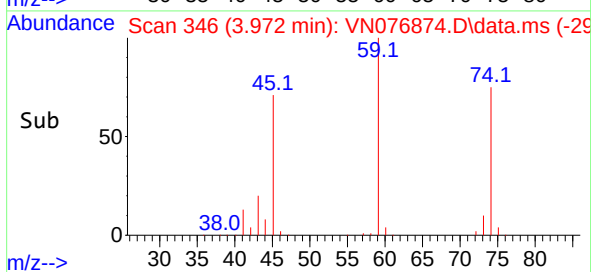
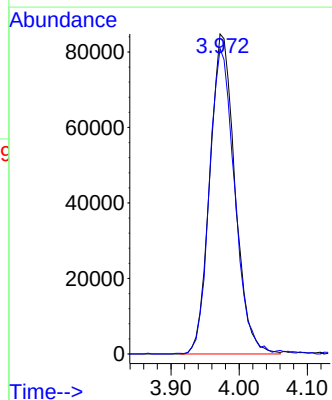
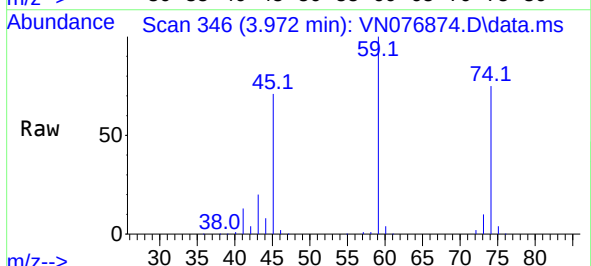
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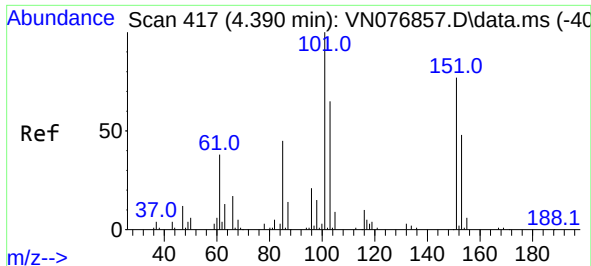
Reviewed By :John Carlone 03/09/2023
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#8
 Diethyl Ether
 Concen: 50.389 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN076874.D
 Acq: 08 Mar 2023 09:59

Tgt Ion: 74 Resp: 216883
 Ion Ratio Lower Upper
 74 100
 45 95.9 35.5 106.5





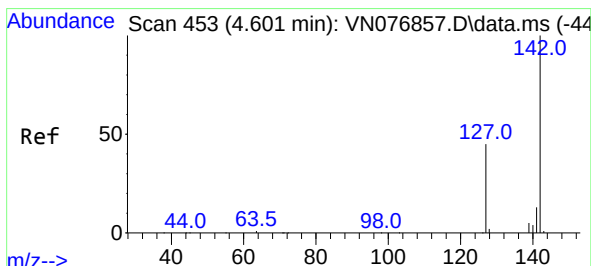
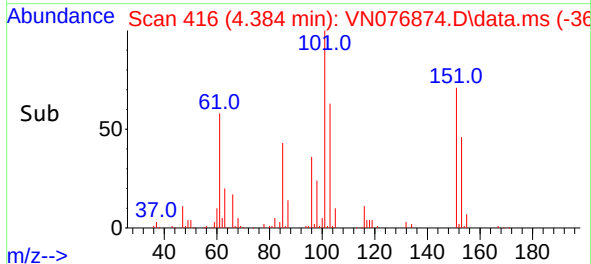
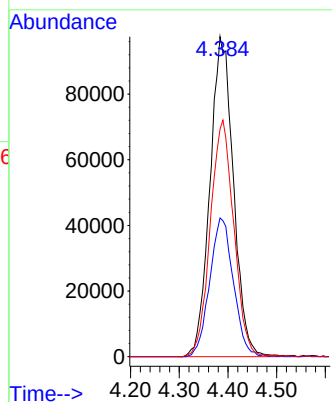
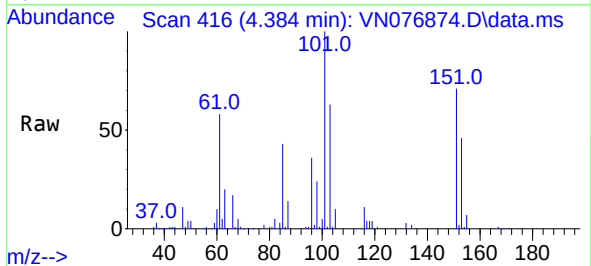
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.812 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 32588
Ion Ratio Lower Upper
101 100
85 43.6 35.2 52.8
151 74.0 58.9 88.3

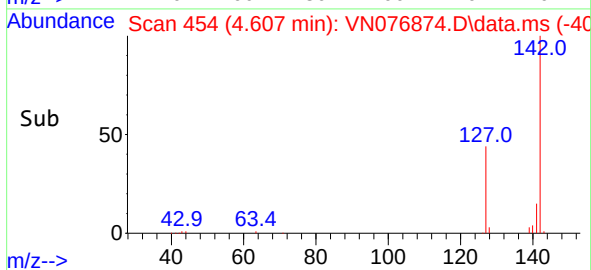
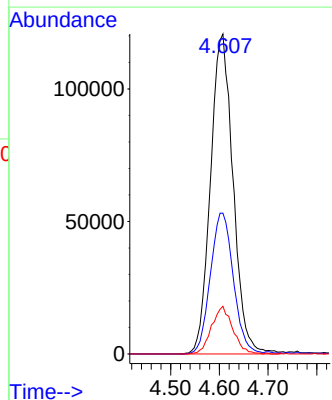
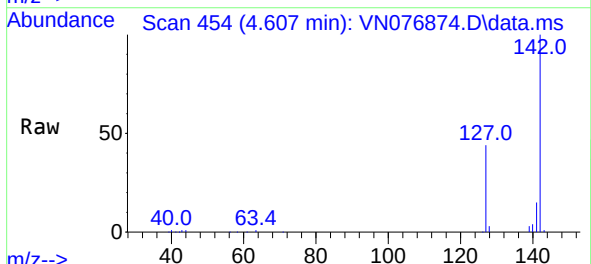
Manual Integrations
APPROVED

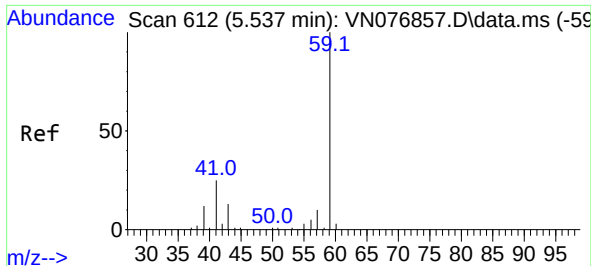
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#10
Methyl Iodide
Concen: 56.952 ug/l
RT: 4.607 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

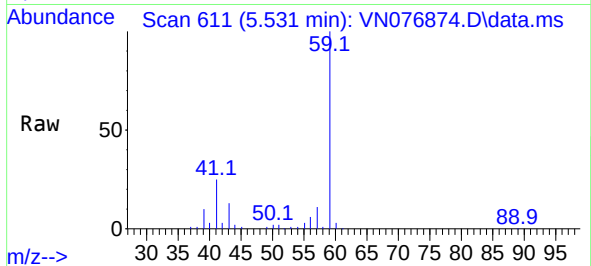
Tgt Ion:142 Resp: 388617
Ion Ratio Lower Upper
142 100
127 44.0 35.2 52.8
141 14.9 10.2 15.2





#11
Tert butyl alcohol
Concen: 221.036 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

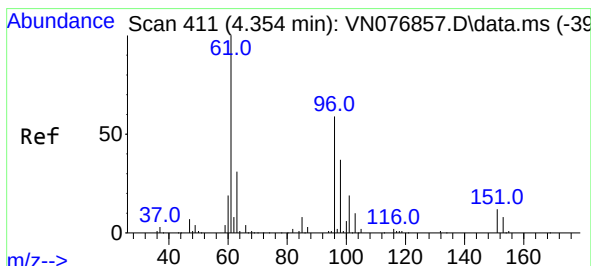
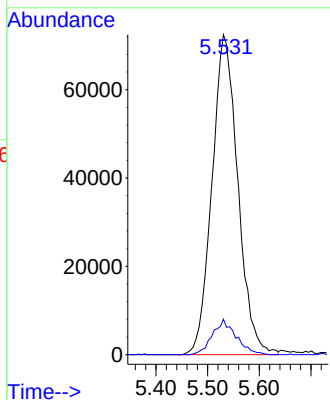
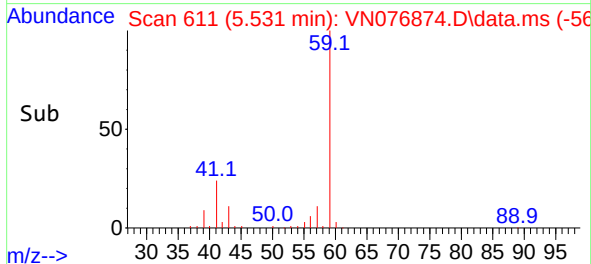
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



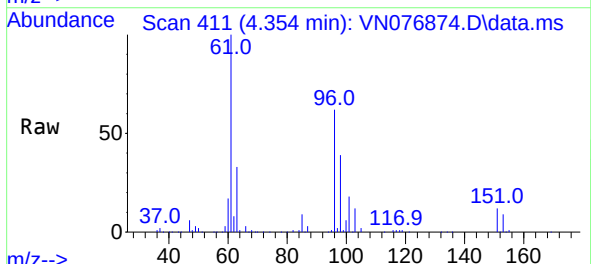
Tgt Ion: 59 Resp: 251570
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8

Manual Integrations
APPROVED

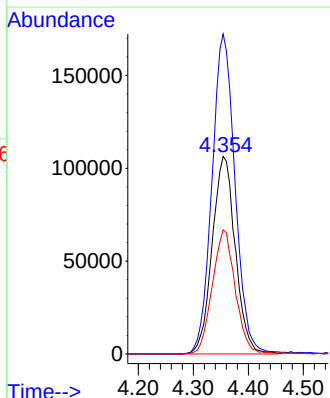
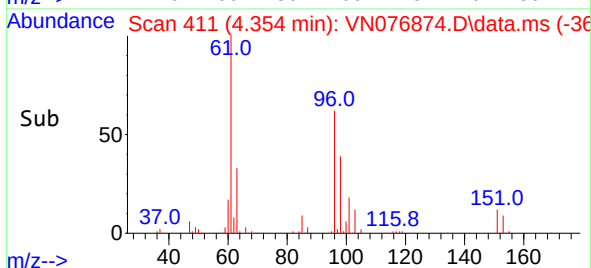
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

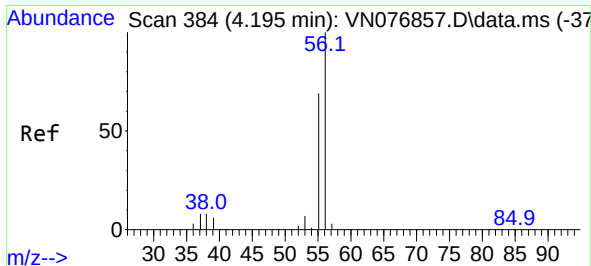


#12
1,1-Dichloroethene
Concen: 51.043 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



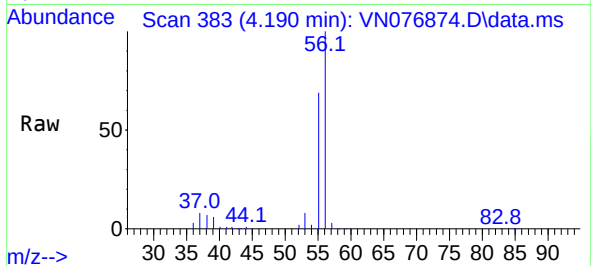
Tgt Ion: 96 Resp: 311390
Ion Ratio Lower Upper
96 100
61 162.1 121.3 181.9
98 62.9 52.1 78.1





#13
Acrolein
Concen: 234.733 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.005 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

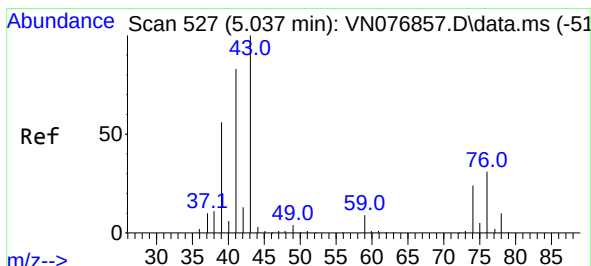
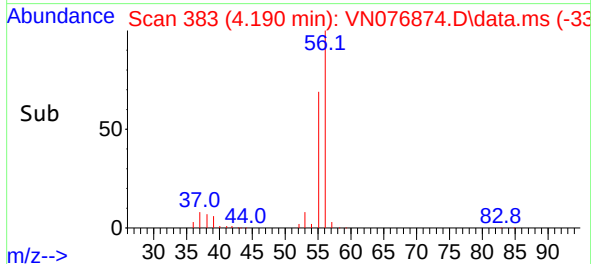
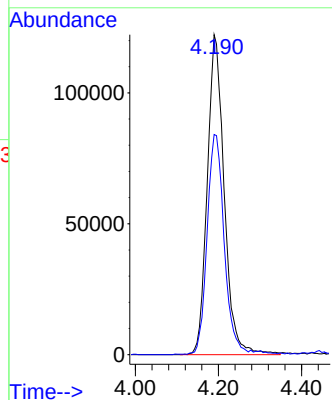
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 34561
Ion Ratio Lower Upper
56 100
55 68.8 56.7 85.1

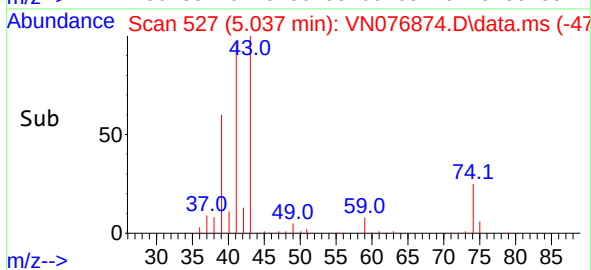
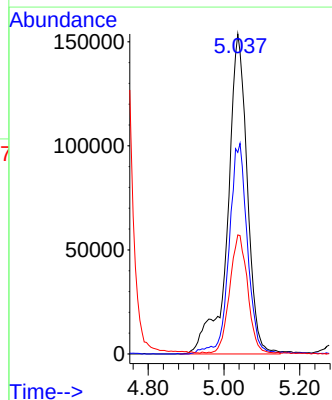
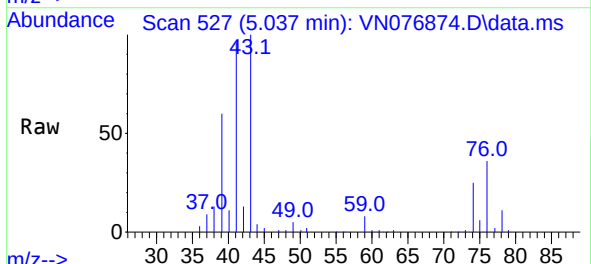
Manual Integrations
APPROVED

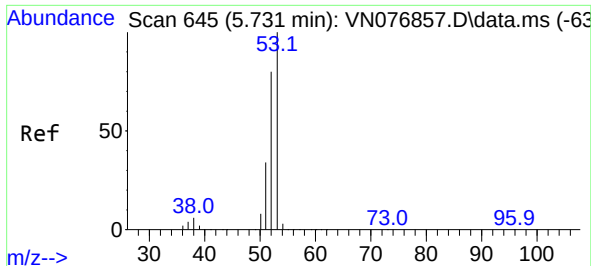
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#14
Allyl chloride
Concen: 54.305 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

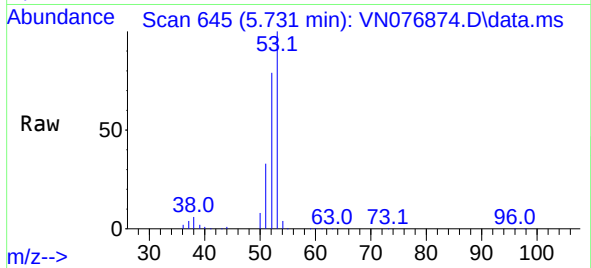
Tgt Ion: 41 Resp: 553089
Ion Ratio Lower Upper
41 100
39 61.7 68.1 102.1#
76 33.4 44.1 66.1#





#15
Acrylonitrile
Concen: 240.724 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

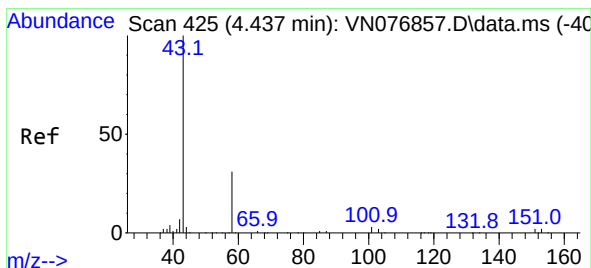
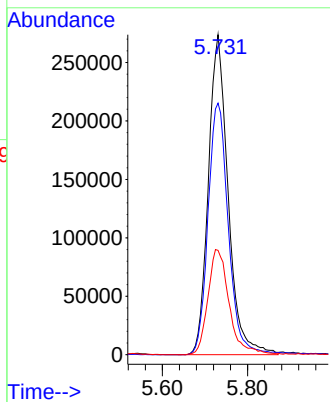
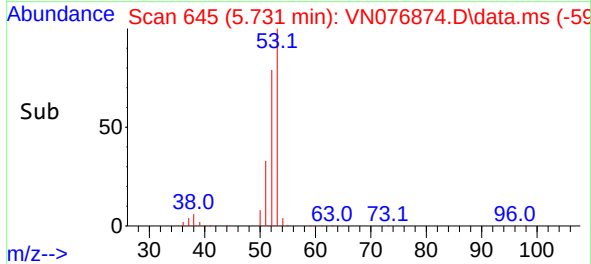
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



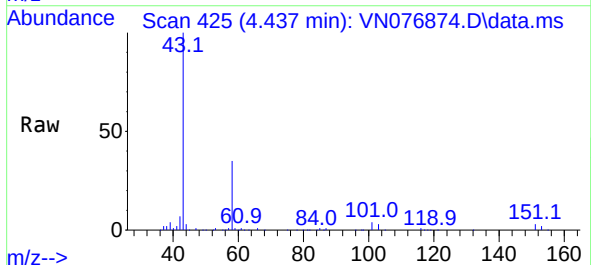
Tgt Ion: 53 Resp: 881109
Ion Ratio Lower Upper
53 100
52 81.3 65.3 97.9
51 35.5 28.8 43.2

Manual Integrations
APPROVED

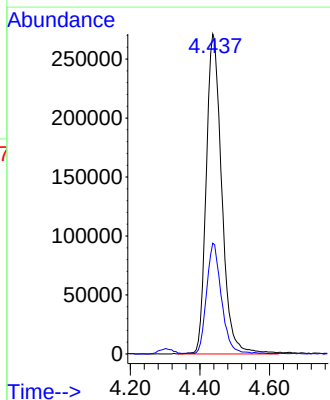
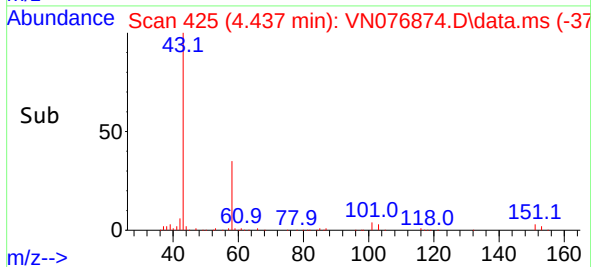
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

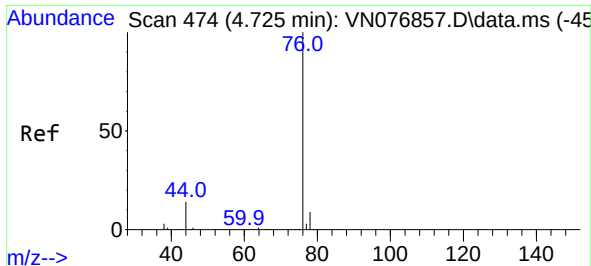


#16
Acetone
Concen: 250.951 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



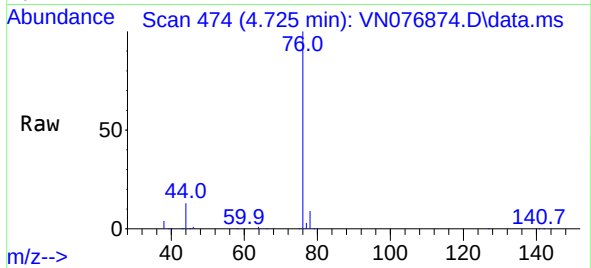
Tgt Ion: 43 Resp: 839576
Ion Ratio Lower Upper
43 100
58 34.4 28.2 42.2





#17
Carbon Disulfide
Concen: 49.931 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

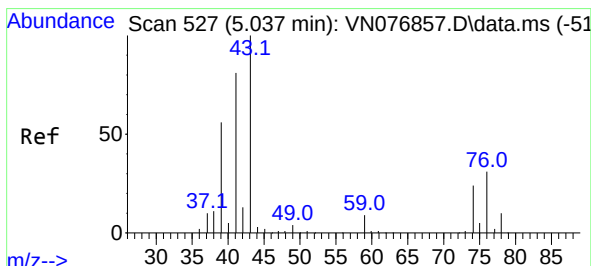
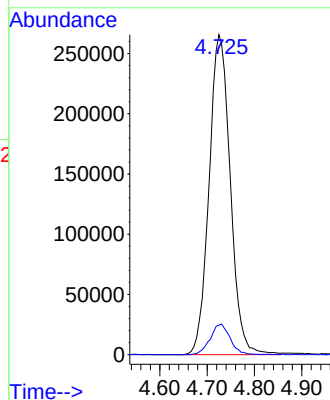
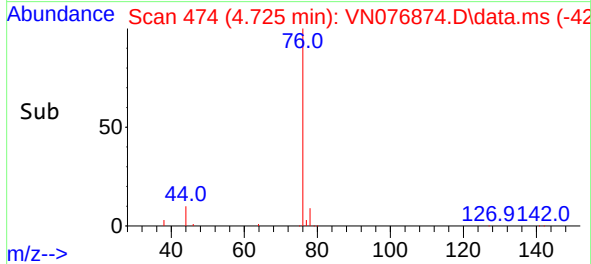
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



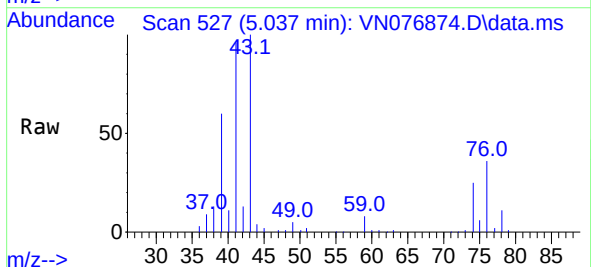
Tgt Ion: 76 Resp: 82694
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8

Manual Integrations
APPROVED

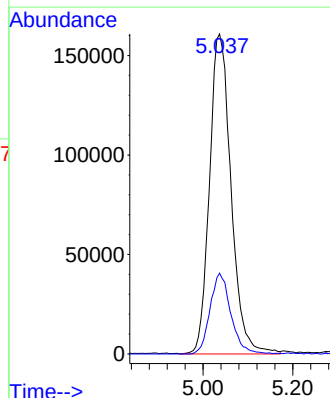
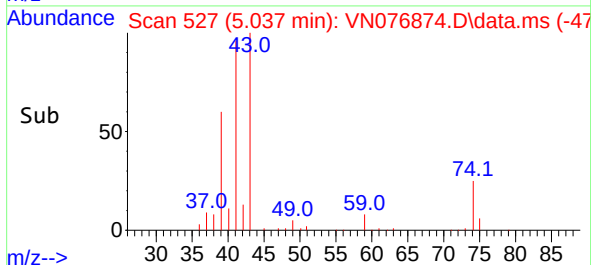
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

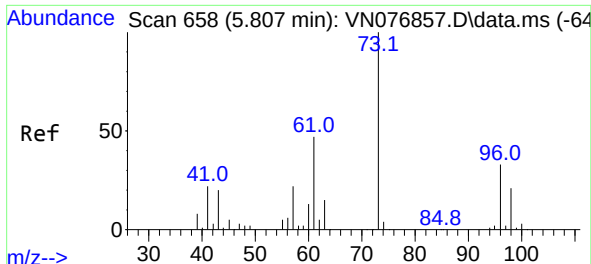


#18
Methyl Acetate
Concen: 46.854 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



Tgt Ion: 43 Resp: 537135
Ion Ratio Lower Upper
43 100
74 24.3 25.9 38.9#





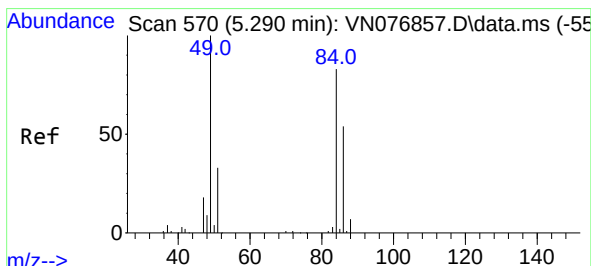
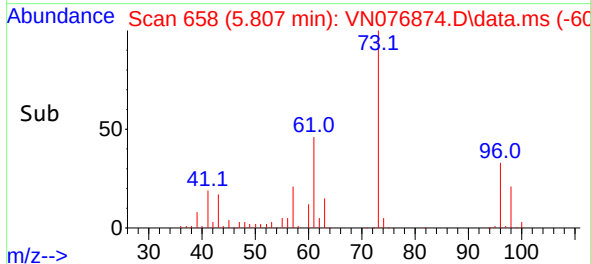
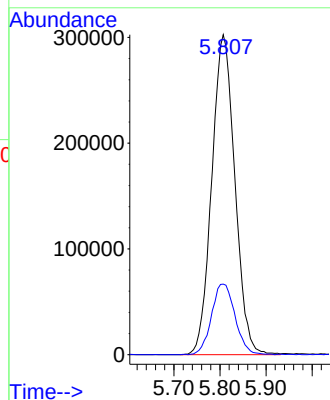
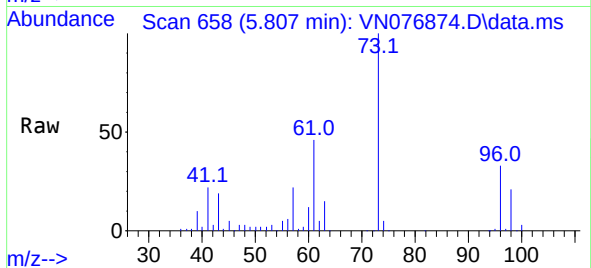
#19
Methyl tert-butyl Ether
Concen: 50.338 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 105304
Ion Ratio Lower Upper
73 100
57 22.1 16.1 24.1

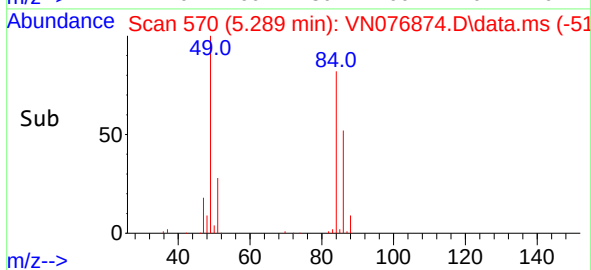
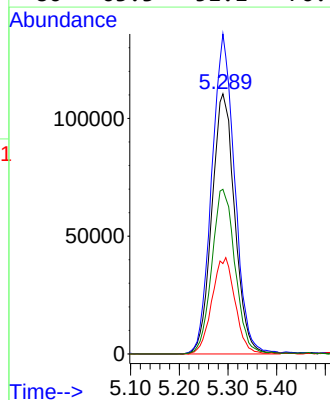
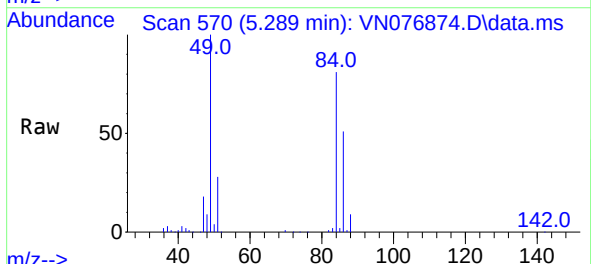
Manual Integrations
APPROVED

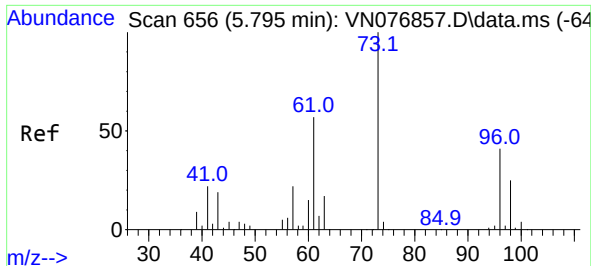
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#20
Methylene Chloride
Concen: 46.249 ug/l
RT: 5.289 min Scan# 570
Delta R.T. -0.001 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

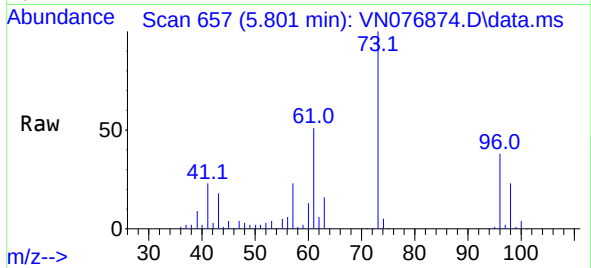
Tgt Ion: 84 Resp: 361005
Ion Ratio Lower Upper
84 100
49 122.8 76.6 114.8#
51 34.7 25.4 38.2
86 63.3 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 50.632 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

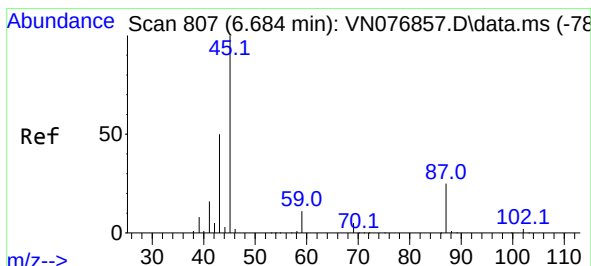
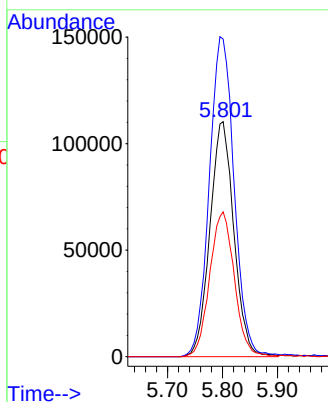
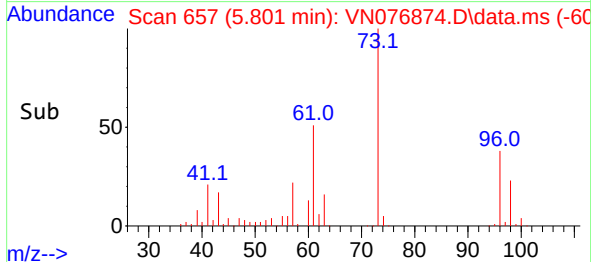
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



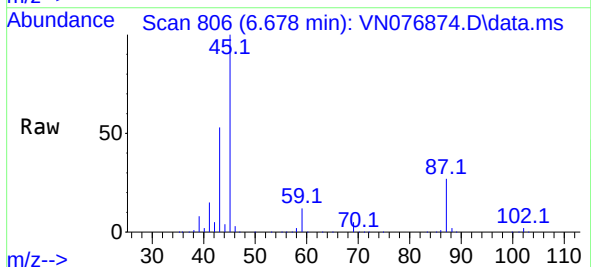
Tgt Ion: 96 Resp: 333974
Ion Ratio Lower Upper
96 100
61 135.2 95.0 142.6
98 61.6 54.5 81.7

Manual Integrations
APPROVED

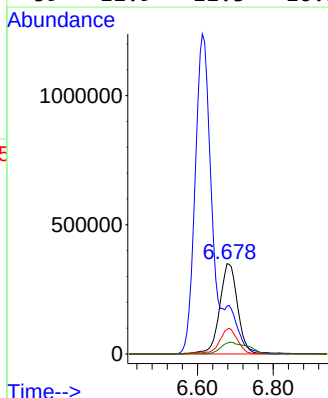
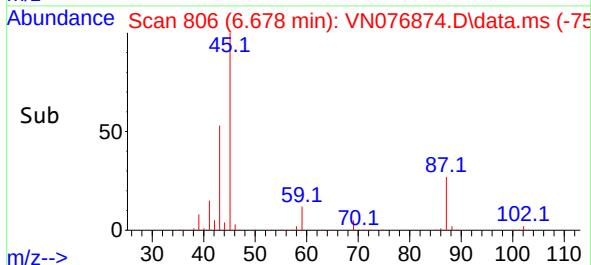
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

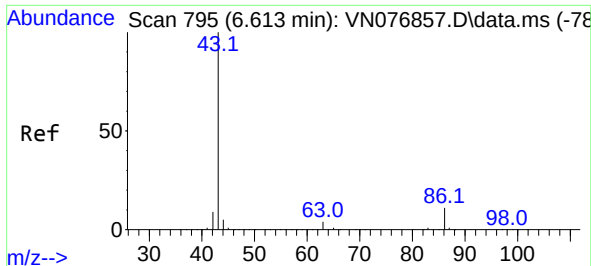


#22
Diisopropyl ether
Concen: 50.208 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



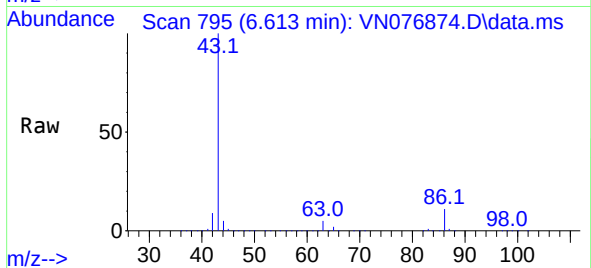
Tgt Ion: 45 Resp: 1150476
Ion Ratio Lower Upper
45 100
43 52.4 42.6 63.8
87 27.0 29.7 44.5#
59 11.9 11.3 16.9





#23
 Vinyl Acetate
 Concen: 252.948 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076874.D
 Acq: 08 Mar 2023 09:59

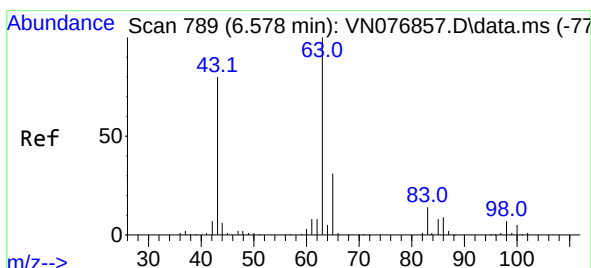
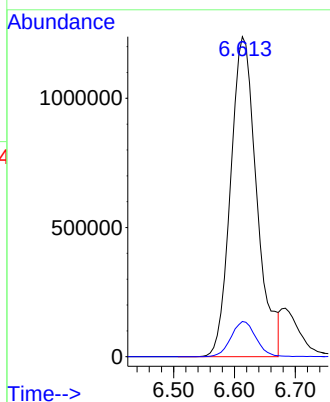
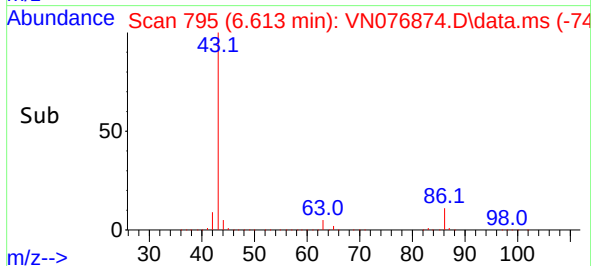
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



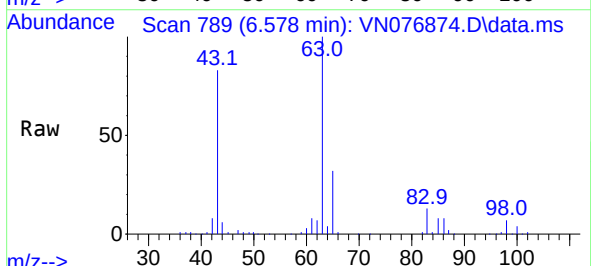
Tgt Ion: 43 Resp: 369188
 Ion Ratio Lower Upper
 43 100
 86 11.0 11.8 17.6

Manual Integrations
 APPROVED

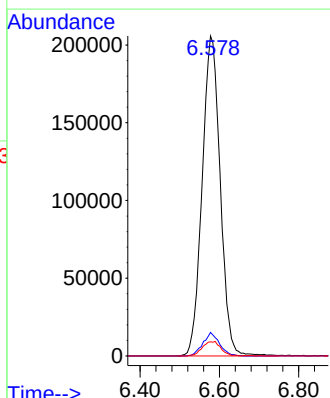
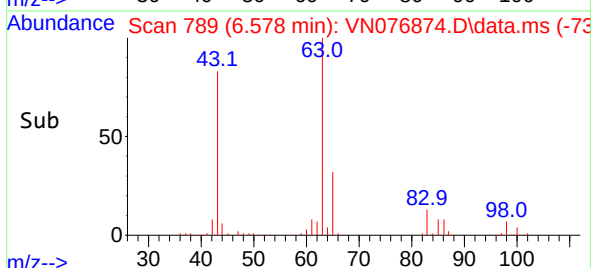
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

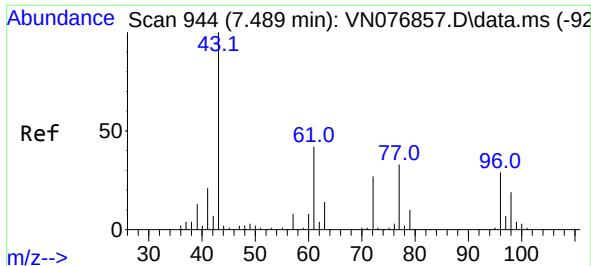


#24
 1,1-Dichloroethane
 Concen: 49.815 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076874.D
 Acq: 08 Mar 2023 09:59



Tgt Ion: 63 Resp: 650906
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.2 12.6
 100 4.4 2.2 6.6





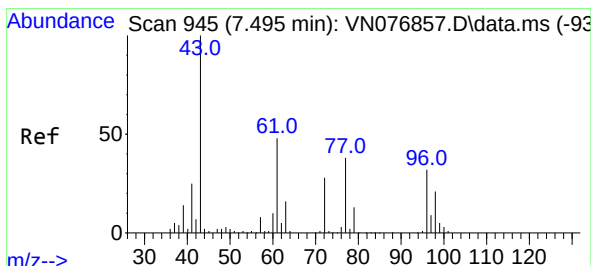
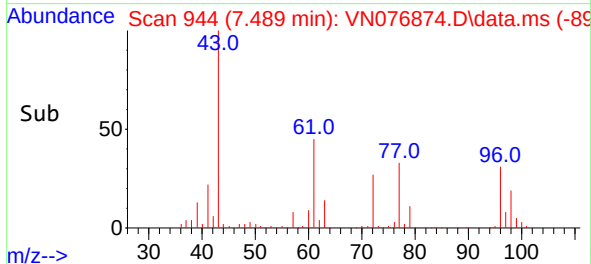
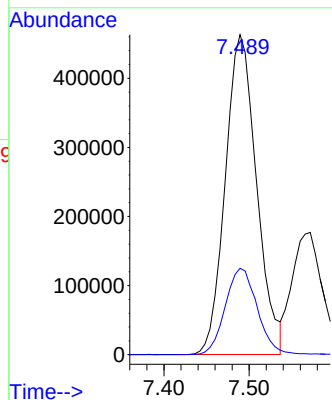
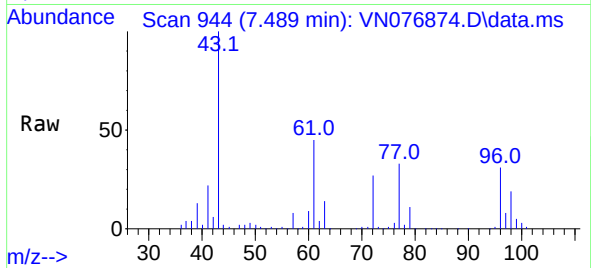
#25
2-Butanone
Concen: 242.146 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 118340
Ion Ratio Lower Upper
43 100
72 27.0 28.8 43.2

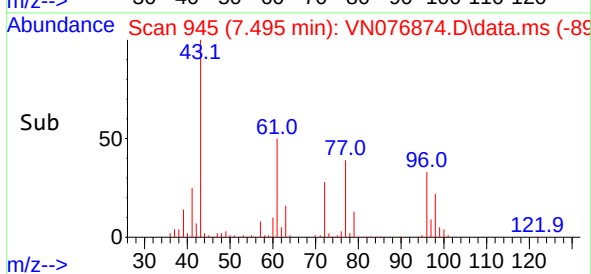
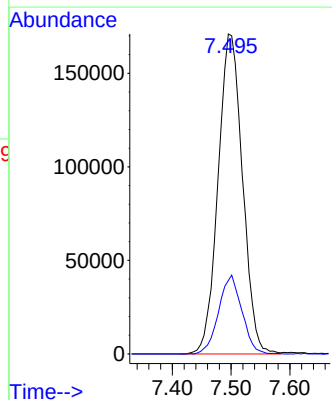
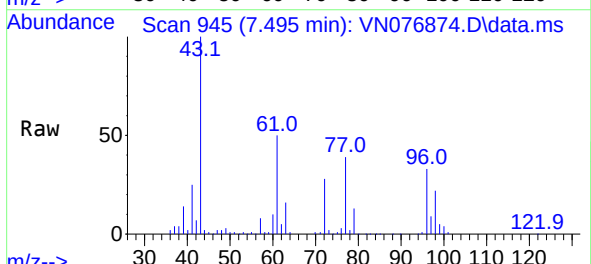
Manual Integrations
APPROVED

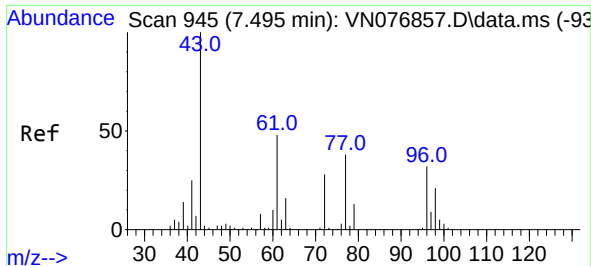
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#26
2,2-Dichloropropane
Concen: 51.627 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

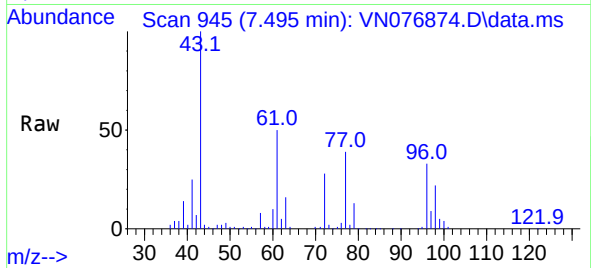
Tgt Ion: 77 Resp: 494012
Ion Ratio Lower Upper
77 100
97 23.4 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 49.783 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076874.D
 Acq: 08 Mar 2023 09:59

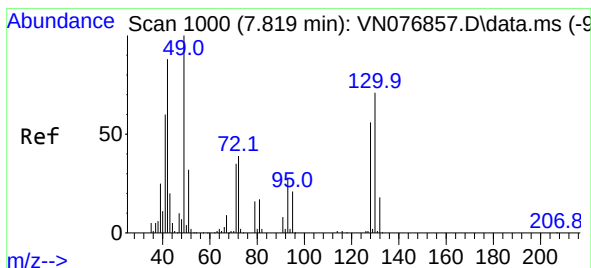
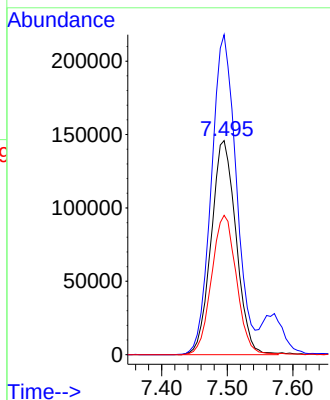
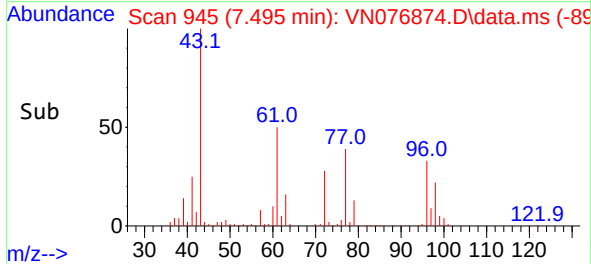
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



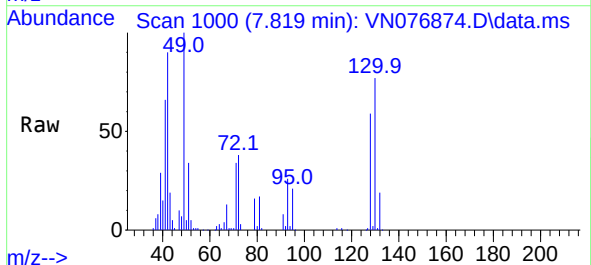
Tgt Ion: 96 Resp: 384679
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 255.6
 98 65.4 0.0 127.4

Manual Integrations
 APPROVED

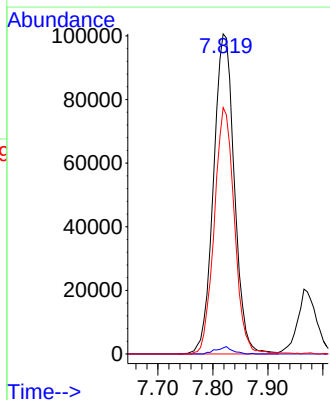
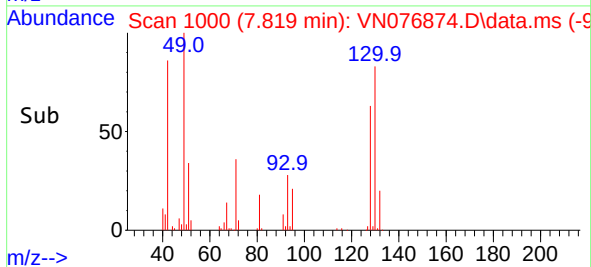
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

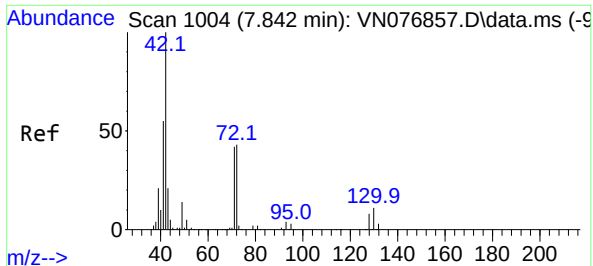


#28
 Bromochloromethane
 Concen: 47.988 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076874.D
 Acq: 08 Mar 2023 09:59



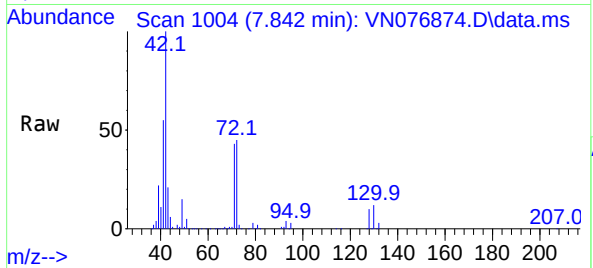
Tgt Ion: 49 Resp: 265152
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 74.4 74.8 112.2#





#29
Tetrahydrofuran
Concen: 238.231 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

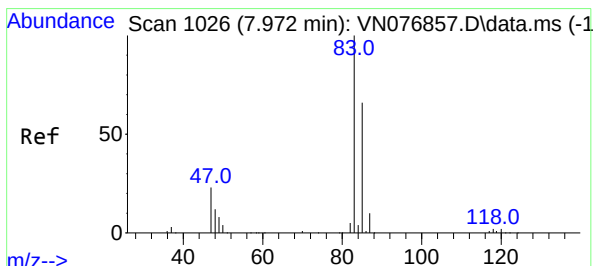
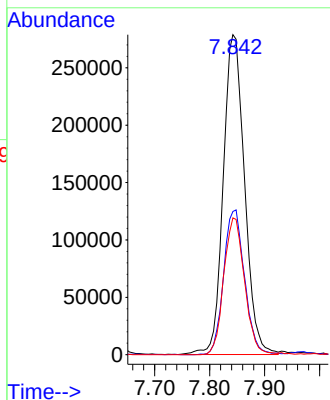
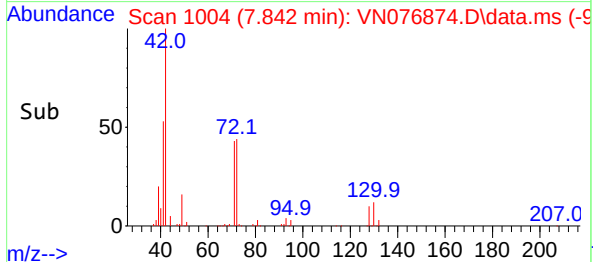
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 751068
Ion Ratio Lower Upper
42 100
72 44.4 48.6 73.0
71 41.6 45.1 67.7

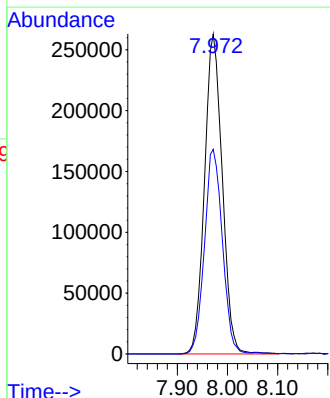
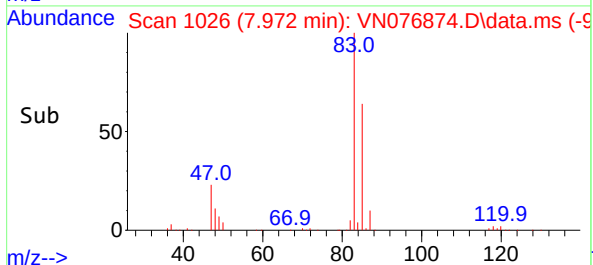
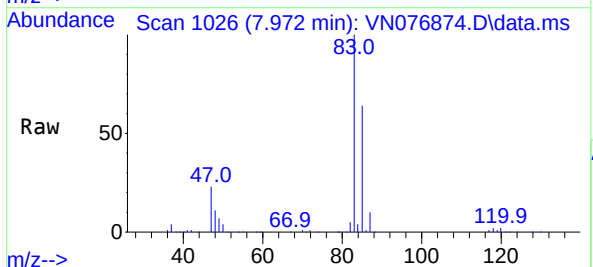
Manual Integrations
APPROVED

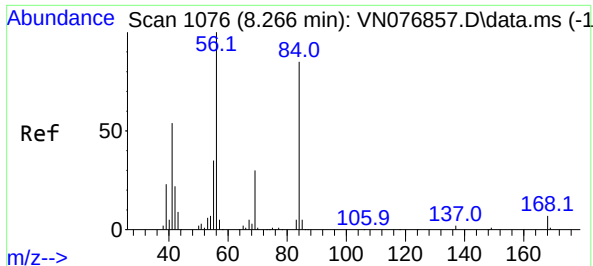
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#30
Chloroform
Concen: 49.794 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

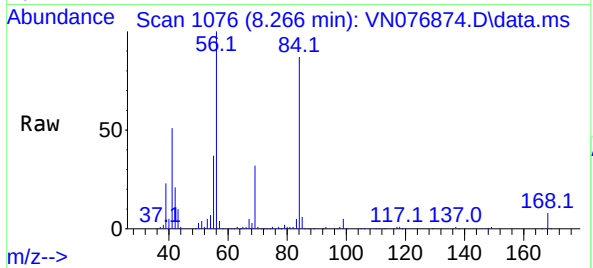
Tgt Ion: 83 Resp: 646212
Ion Ratio Lower Upper
83 100
85 63.9 51.3 76.9





#31
Cyclohexane
Concen: 45.906 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

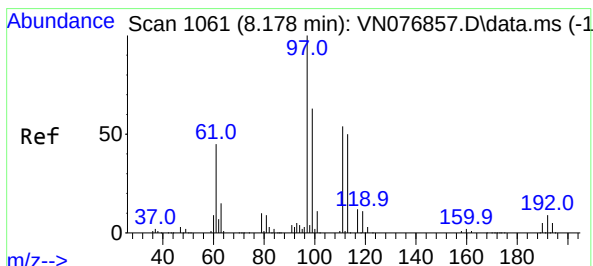
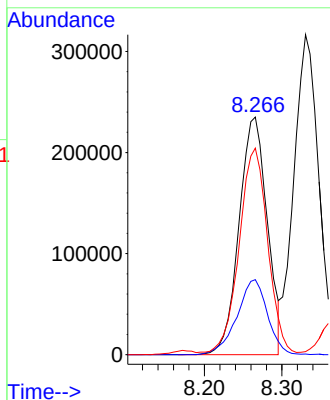
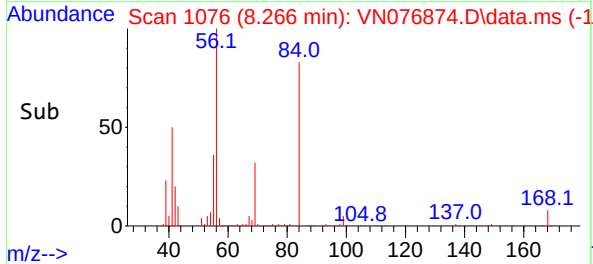
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



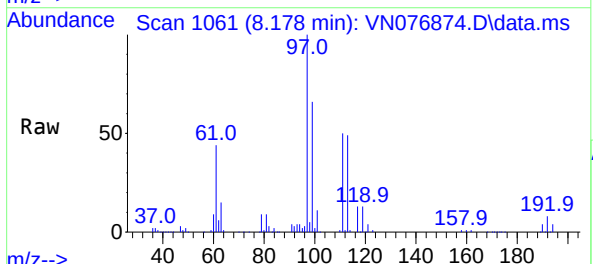
Tgt Ion: 56 Resp: 594362
Ion Ratio Lower Upper
56 100
69 31.6 27.0 40.6
84 85.5 82.9 124.3

Manual Integrations
APPROVED

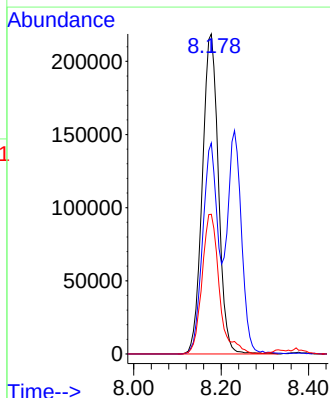
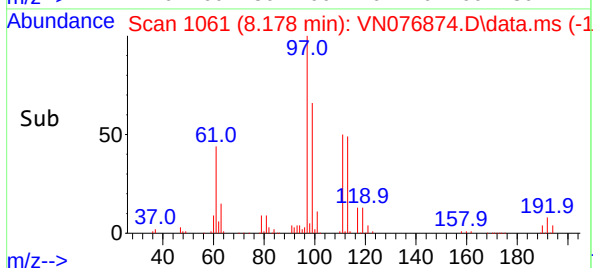
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

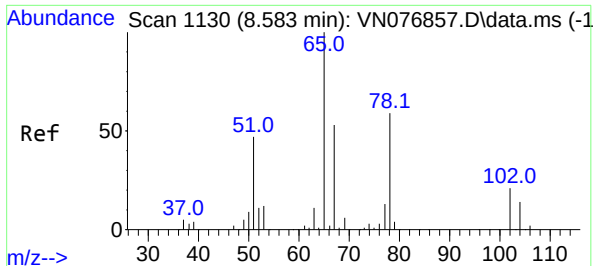


#32
1,1,1-Trichloroethane
Concen: 49.718 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.001 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



Tgt Ion: 97 Resp: 558730
Ion Ratio Lower Upper
97 100
99 62.1 51.2 76.8
61 47.0 35.7 53.5





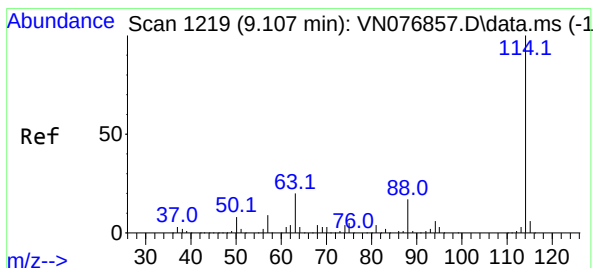
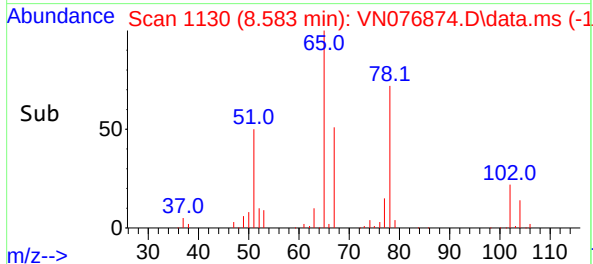
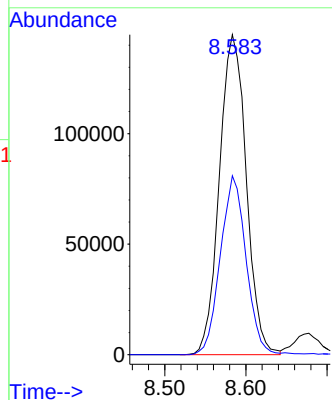
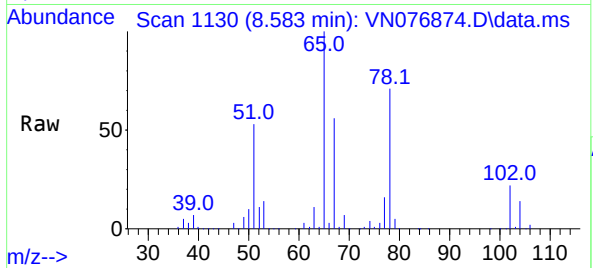
#33
1,2-Dichloroethane-d4
Concen: 43.447 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 333000
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.2

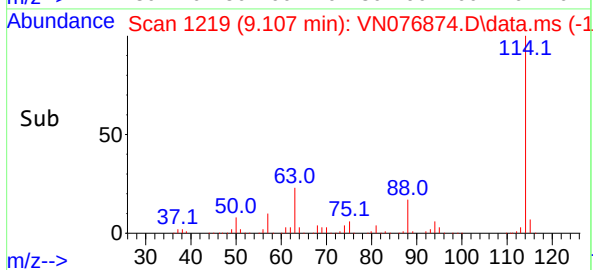
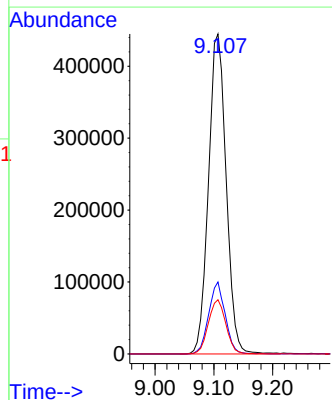
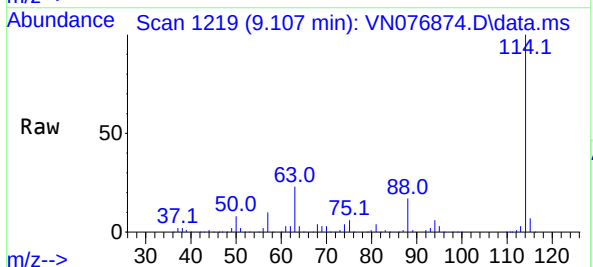
Manual Integrations
APPROVED

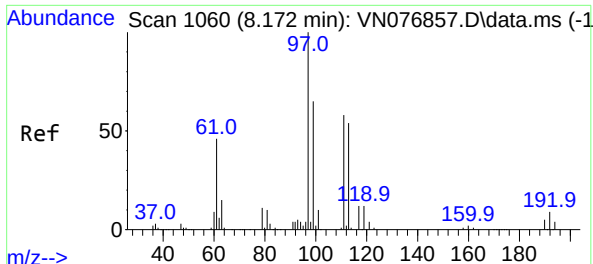
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

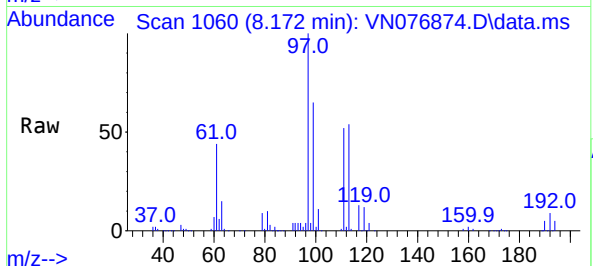
Tgt Ion:114 Resp: 927455
Ion Ratio Lower Upper
114 100
63 22.5 0.0 36.6
88 16.9 0.0 28.6





#35
Dibromofluoromethane
Concen: 46.291 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

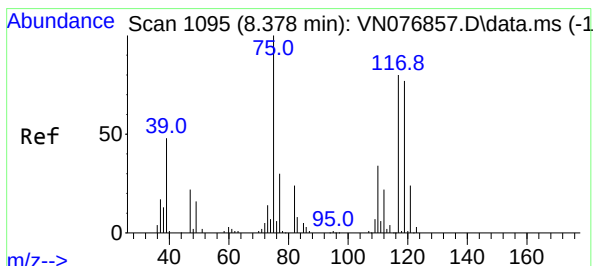
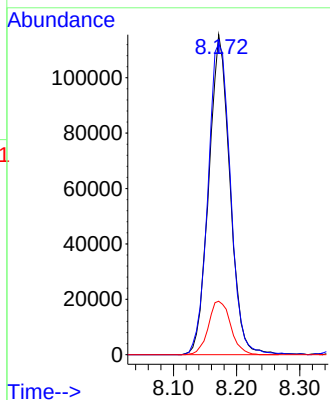
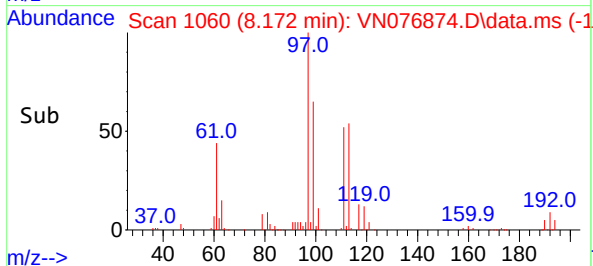
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



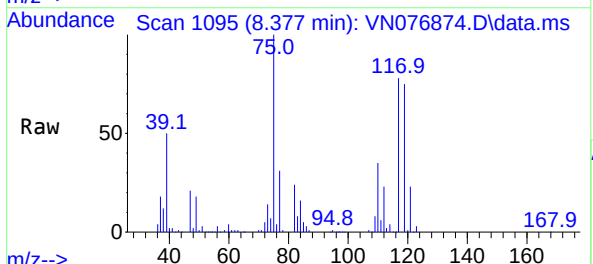
Tgt Ion:113 Resp: 26858
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 17.6 13.9 20.9

Manual Integrations
APPROVED

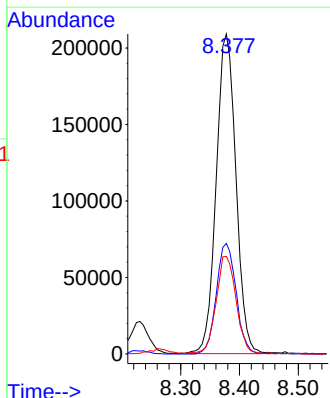
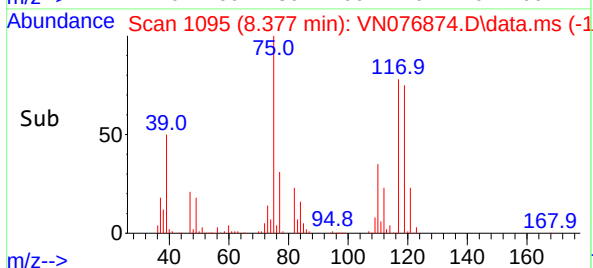
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

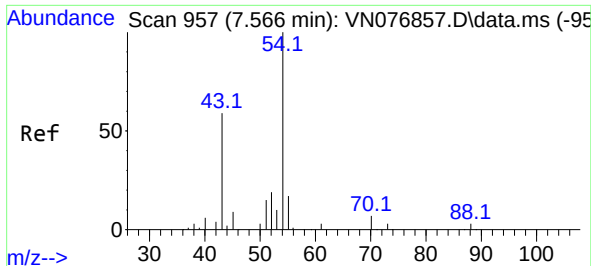


#36
1,1-Dichloropropene
Concen: 52.302 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. -0.001 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



Tgt Ion: 75 Resp: 487720
Ion Ratio Lower Upper
75 100
110 34.5 18.9 56.9
77 30.7 24.9 37.3





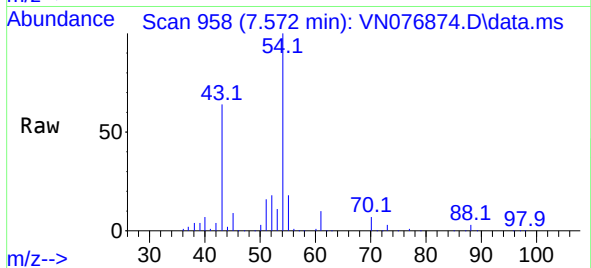
#37
Ethyl Acetate
Concen: 47.546 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



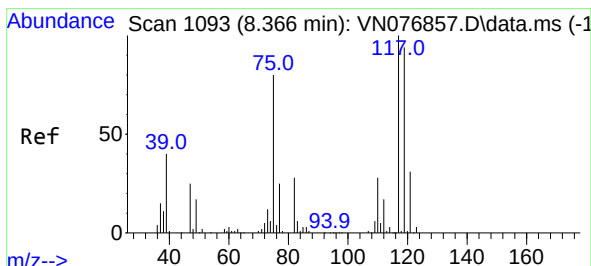
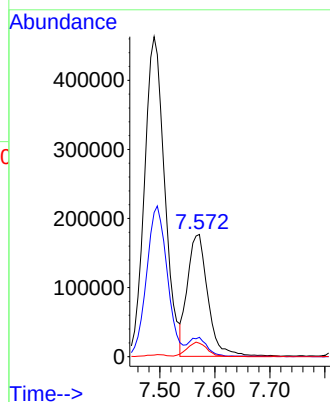
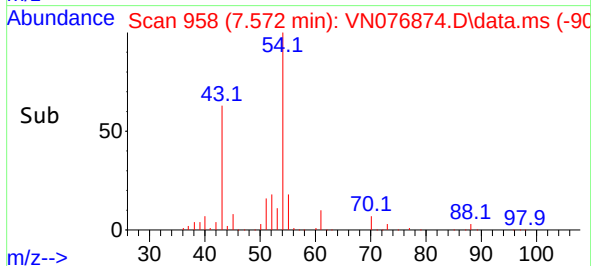
Tgt Ion: 43 Resp: 455094
Ion Ratio Lower Upper
43 100
61 13.2 13.5 20.3
70 11.3 11.0 16.6

Manual Integrations

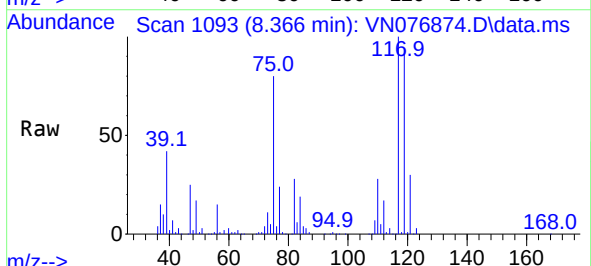
APPROVED

Reviewed By :John Carlone 03/09/2023

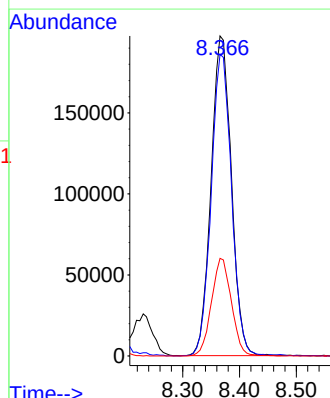
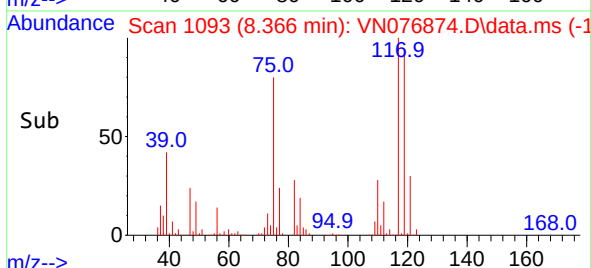
Supervised By :Mahesh Dadoda 03/09/2023

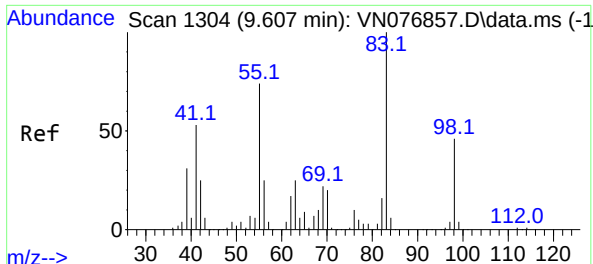


#38
Carbon Tetrachloride
Concen: 51.555 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



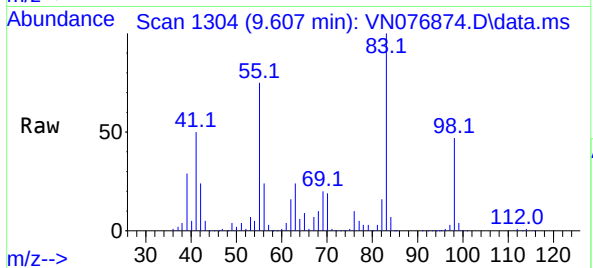
Tgt Ion:117 Resp: 488386
Ion Ratio Lower Upper
117 100
119 94.3 76.9 115.3
121 30.5 23.2 34.8





#39
Methylcyclohexane
Concen: 53.377 ug/l
RT: 9.607 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

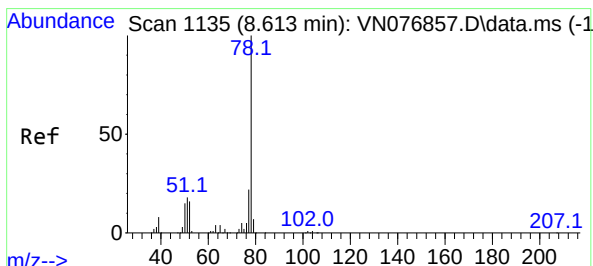
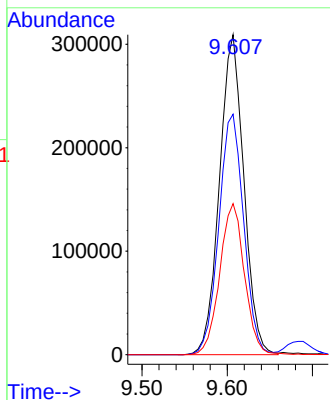
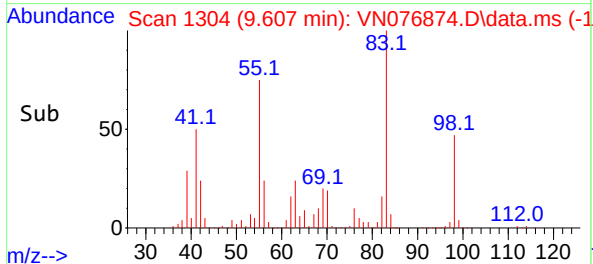
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



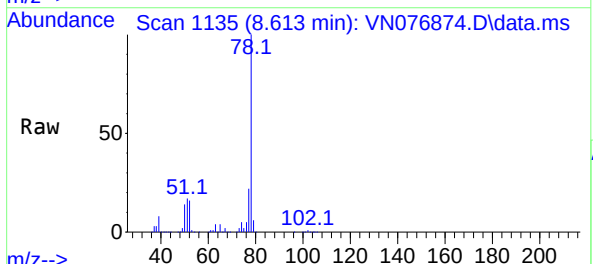
Tgt Ion: 83 Resp: 61352
Ion Ratio Lower Upper
83 100
55 75.1 47.0 70.4
98 47.2 39.4 59.0

Manual Integrations
APPROVED

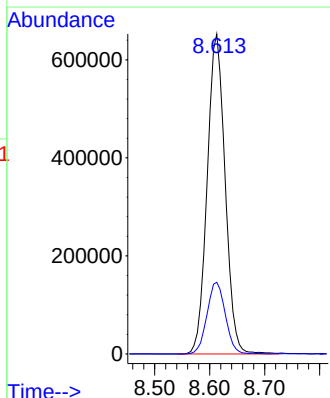
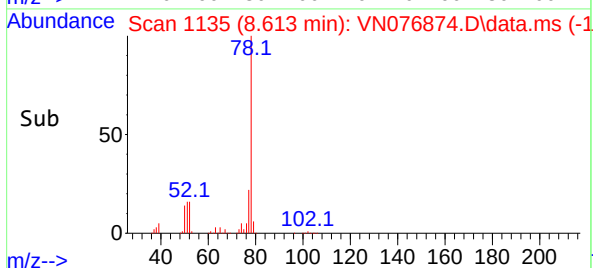
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

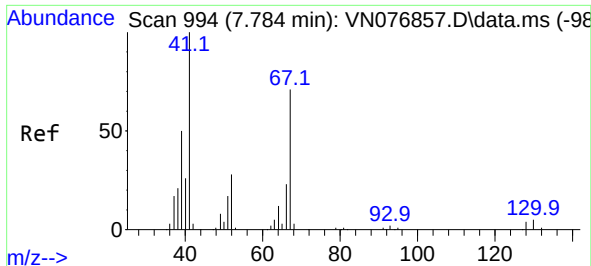


#40
Benzene
Concen: 52.053 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



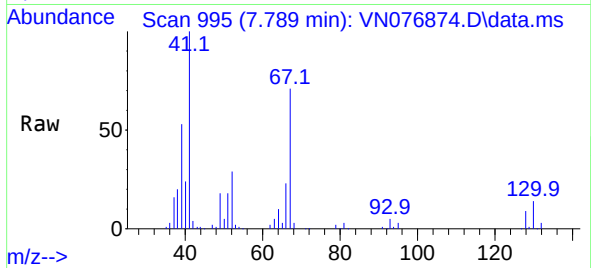
Tgt Ion: 78 Resp: 1478606
Ion Ratio Lower Upper
78 100
77 22.4 19.3 28.9





#41
Methacrylonitrile
Concen: 51.036 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

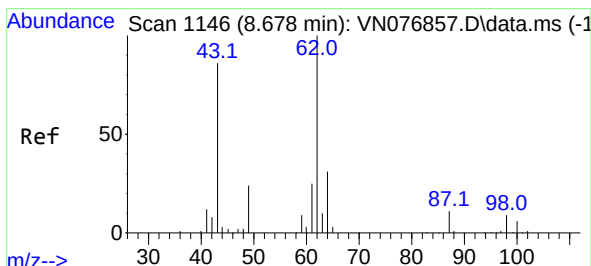
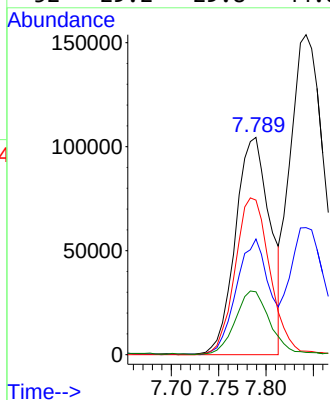
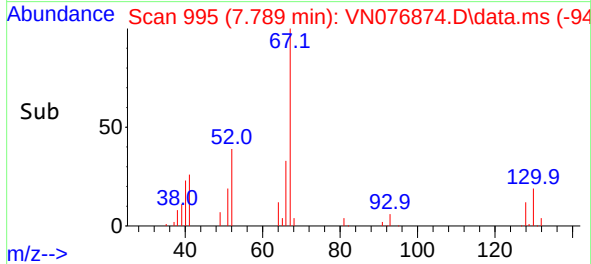
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 266762
Ion Ratio Lower Upper
41 100
39 50.8 43.4 65.0
67 73.4 78.6 118.0
52 29.2 29.8 44.8

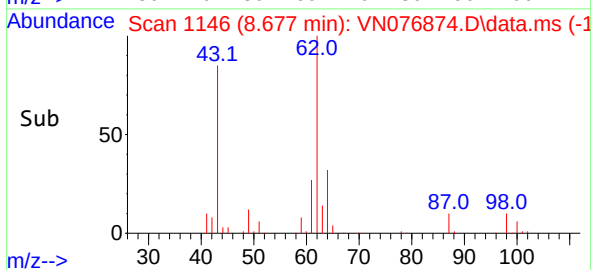
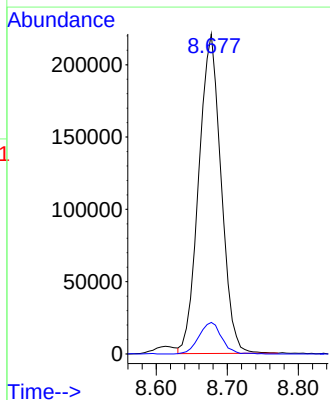
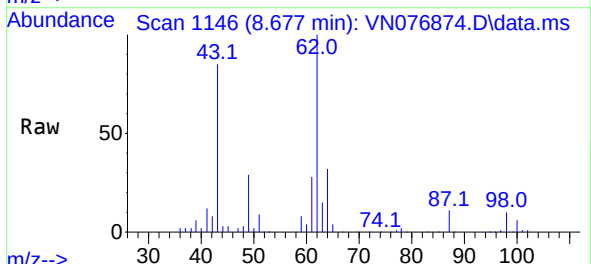
Manual Integrations
APPROVED

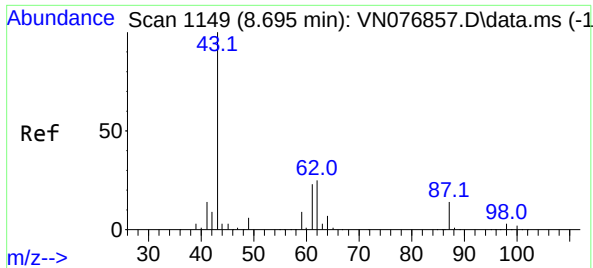
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#42
1,2-Dichloroethane
Concen: 48.818 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Tgt Ion: 62 Resp: 483065
Ion Ratio Lower Upper
62 100
98 10.1 0.0 21.8





#43
Isopropyl Acetate
Concen: 50.124 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

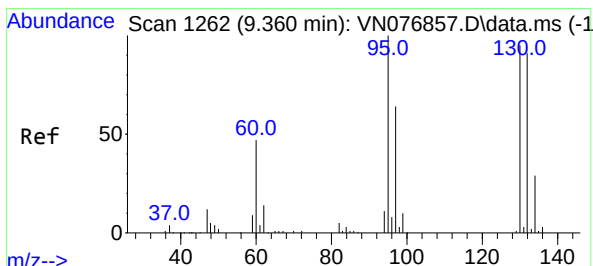
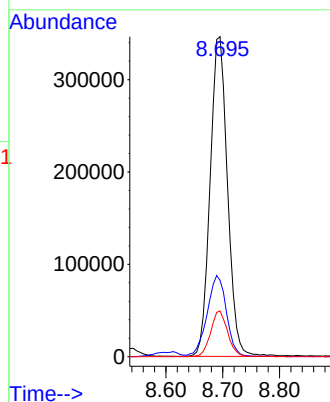
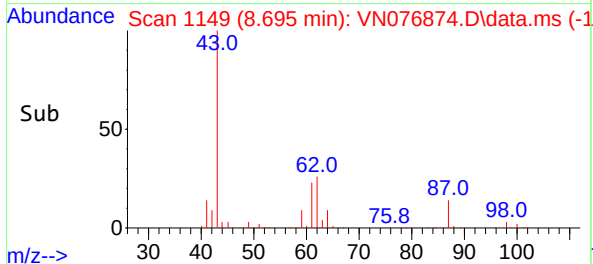
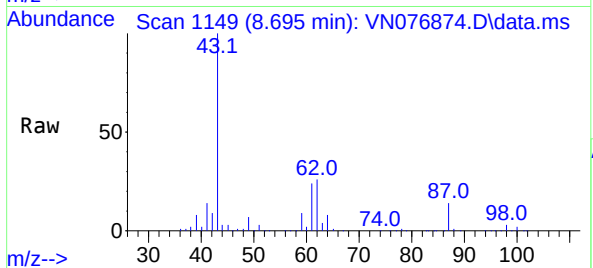
Tgt Ion: 43 Resp: 73448
Ion Ratio Lower Upper
43 100
61 28.1 26.2 39.2
87 13.9 14.8 22.2

Manual Integrations

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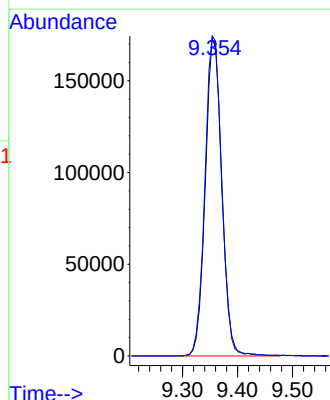
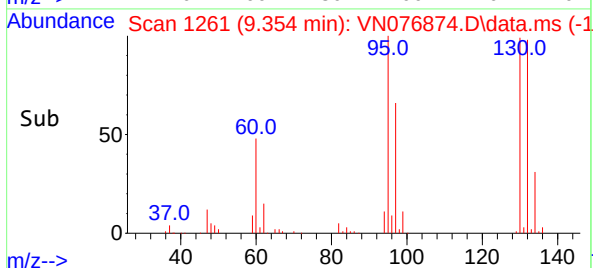
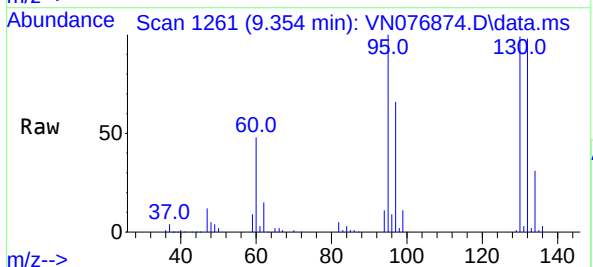
Reviewed By :John Carlone 03/09/2023

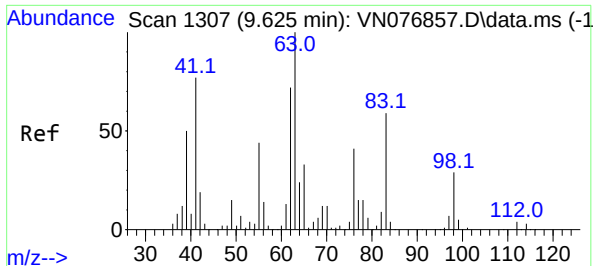
Supervised By :Mahesh Dadoda 03/09/2023



#44
Trichloroethene
Concen: 53.473 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Tgt Ion:130 Resp: 360147
Ion Ratio Lower Upper
130 100
95 100.7 0.0 208.6





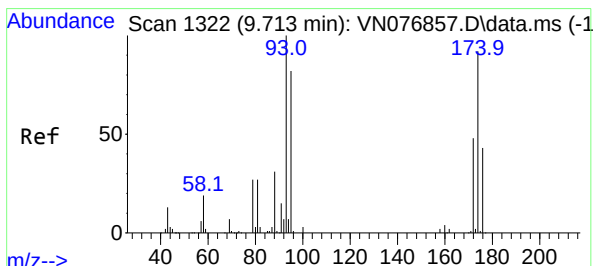
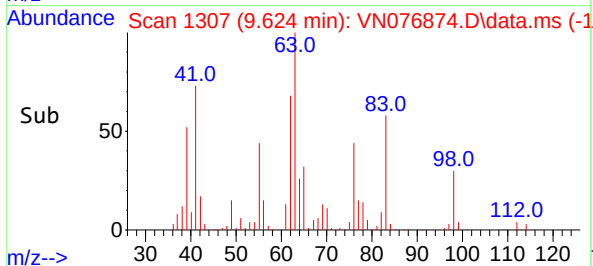
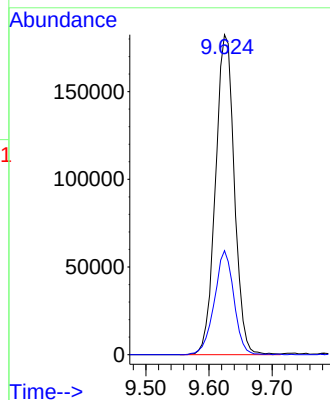
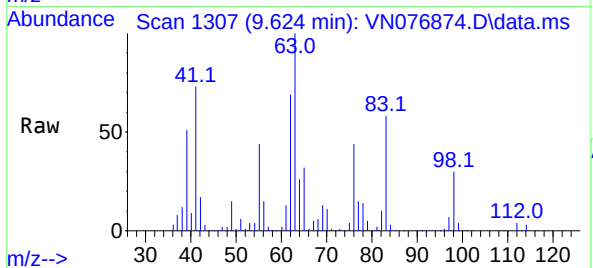
#45
1,2-Dichloropropane
Concen: 51.460 ug/l
RT: 9.624 min Scan# 1307
Delta R.T. -0.001 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 377749
Ion Ratio Lower Upper
63 100
65 32.5 25.0 37.6

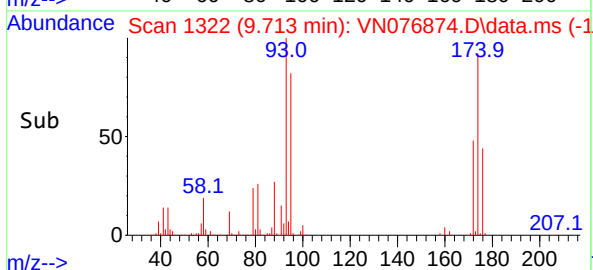
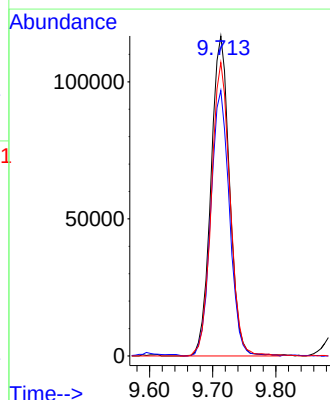
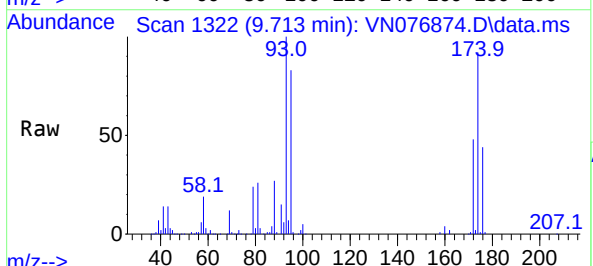
Manual Integrations
APPROVED

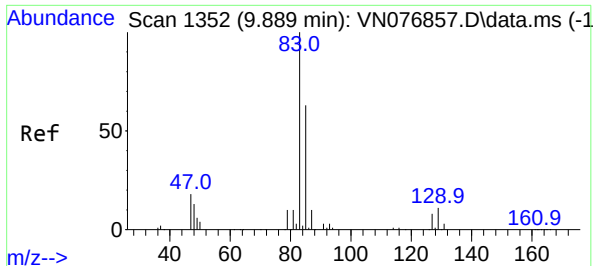
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#46
Dibromomethane
Concen: 51.314 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

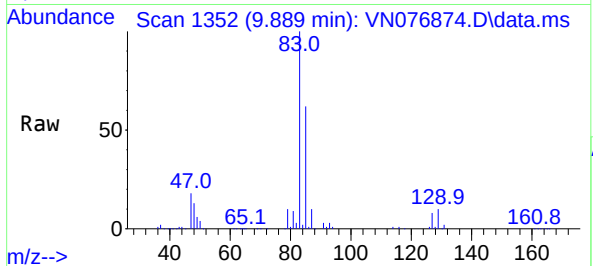
Tgt Ion: 93 Resp: 239243
Ion Ratio Lower Upper
93 100
95 83.2 65.7 98.5
174 92.0 69.3 103.9





#47
Bromodichloromethane
Concen: 52.658 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

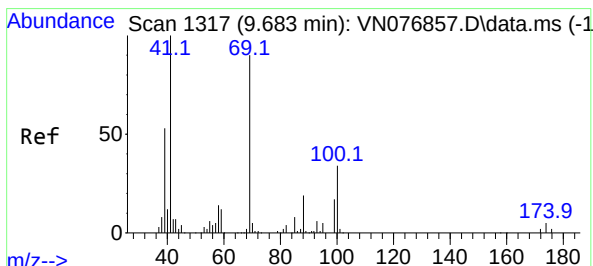
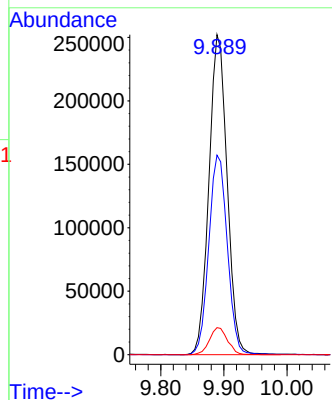
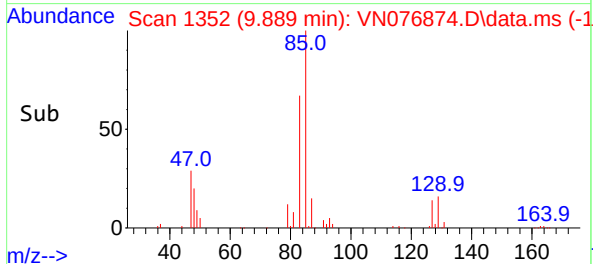
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



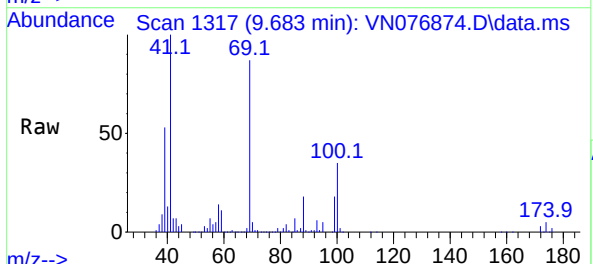
Tgt Ion: 83 Resp: 504719
Ion Ratio Lower Upper
83 100
85 62.3 52.6 78.8
127 8.5 7.0 10.6

Manual Integrations
APPROVED

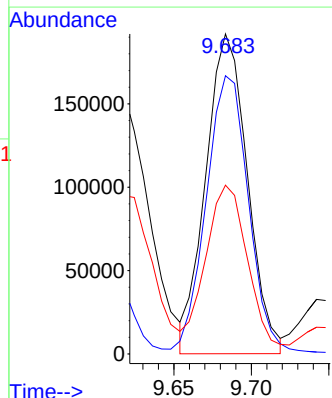
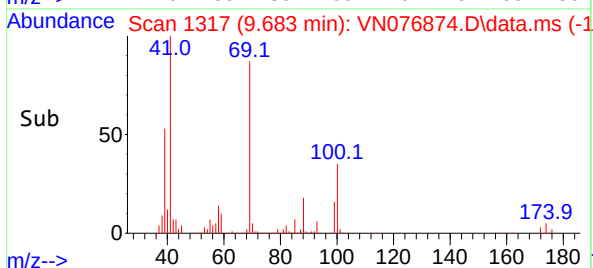
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

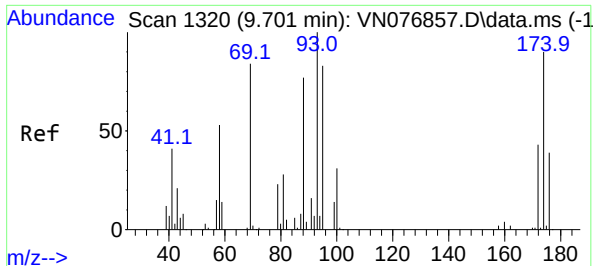


#48
Methyl methacrylate
Concen: 50.364 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



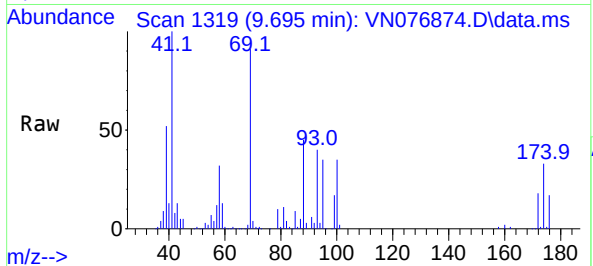
Tgt Ion: 41 Resp: 358611
Ion Ratio Lower Upper
41 100
69 88.9 92.6 139.0#
39 54.3 51.4 77.0





#49
1,4-Dioxane
Concen: 940.738 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

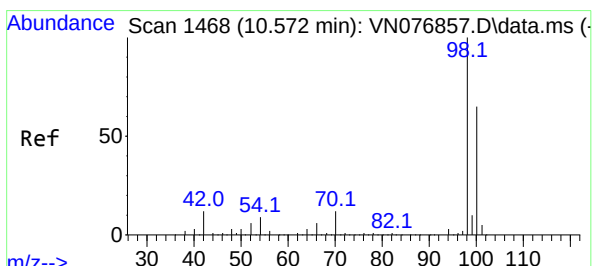
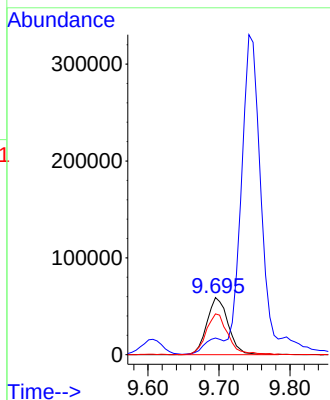
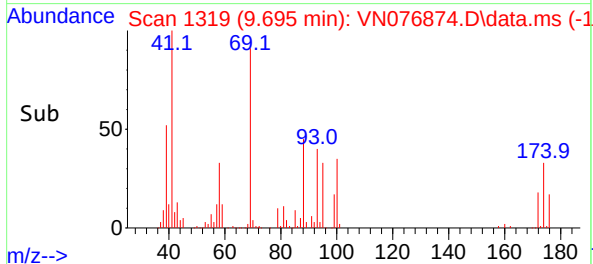
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 122773
Ion Ratio Lower Upper
88 100
43 25.8 15.3 22.9
58 74.2 47.6 71.4

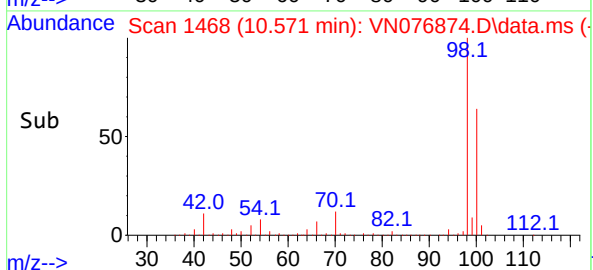
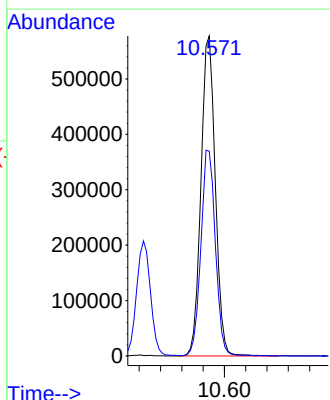
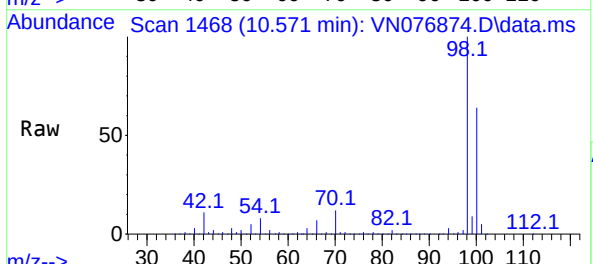
Manual Integrations
APPROVED

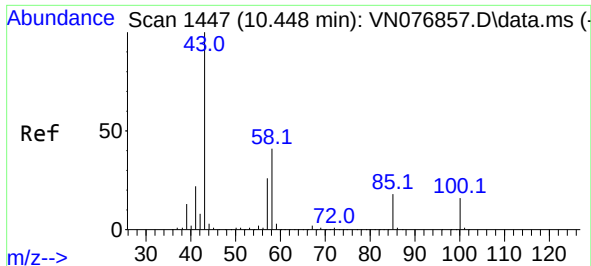
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#50
Toluene-d8
Concen: 48.125 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Tgt Ion: 98 Resp: 1075740
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2





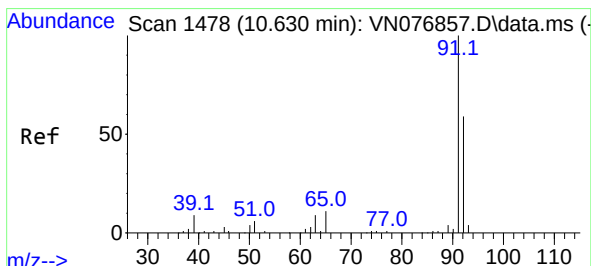
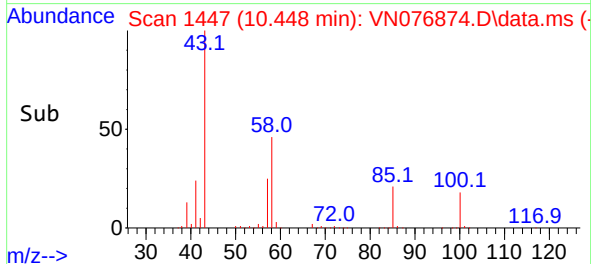
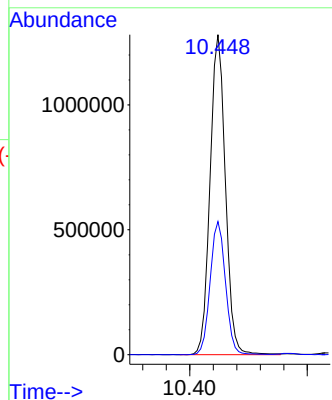
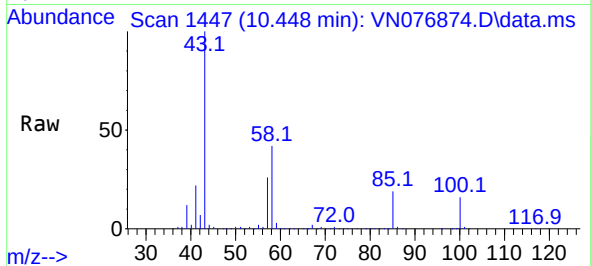
#51
4-Methyl-2-Pentanone
Concen: 250.612 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2316339
Ion Ratio Lower Upper
43 100
58 41.7 37.4 56.0

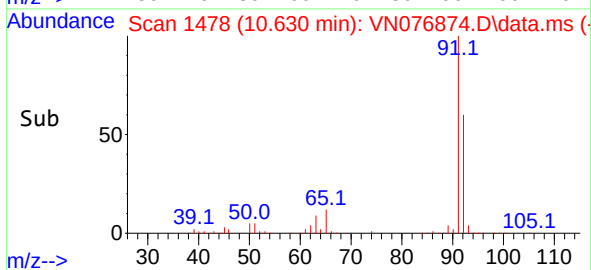
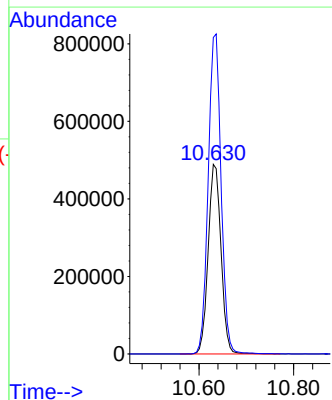
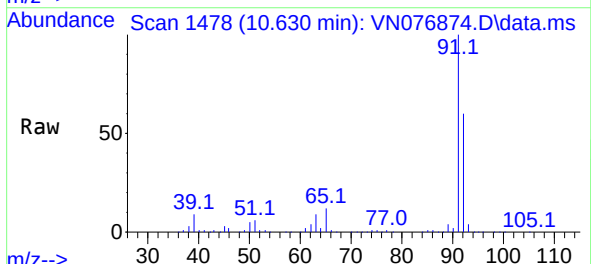
Manual Integrations
APPROVED

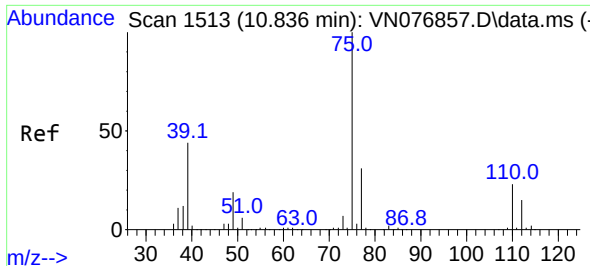
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#52
Toluene
Concen: 54.351 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

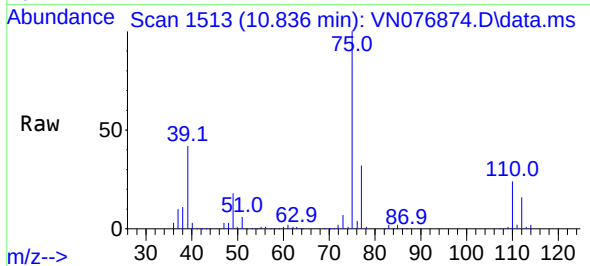
Tgt Ion: 92 Resp: 919289
Ion Ratio Lower Upper
92 100
91 169.5 138.2 207.2





#53
t-1,3-Dichloropropene
Concen: 55.979 ug/l
RT: 10.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

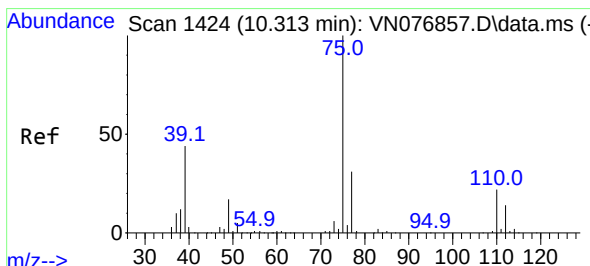
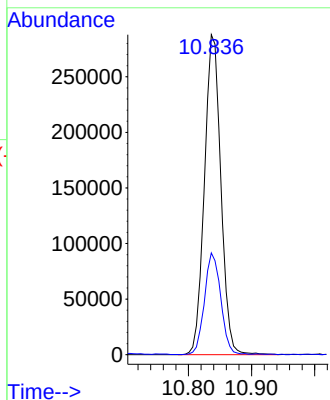
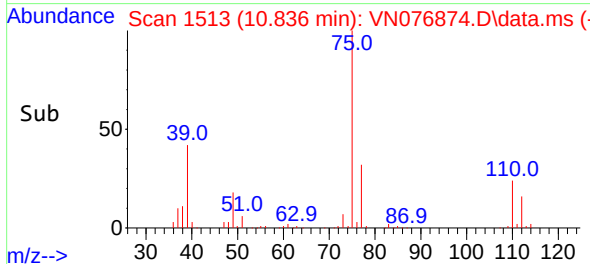
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



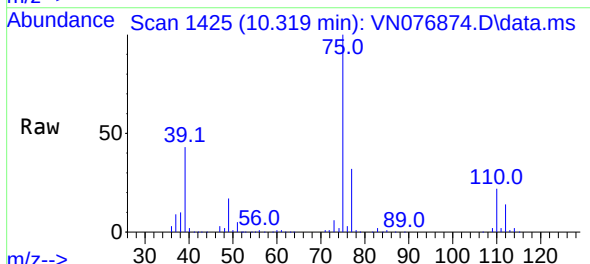
Tgt Ion: 75 Resp: 520092
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6

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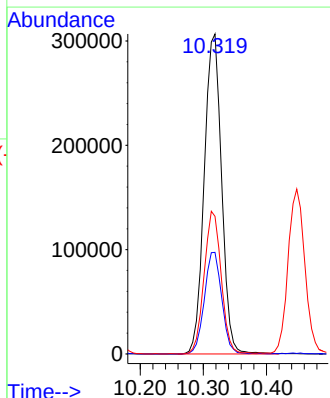
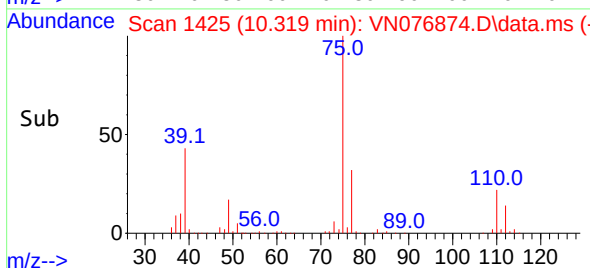
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

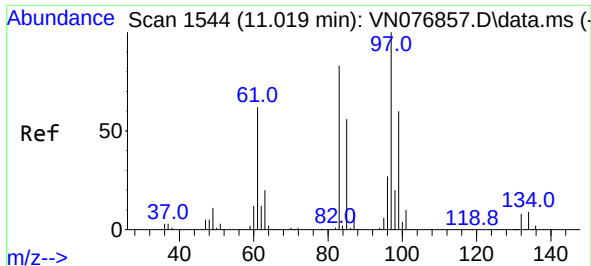


#54
cis-1,3-Dichloropropene
Concen: 54.916 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



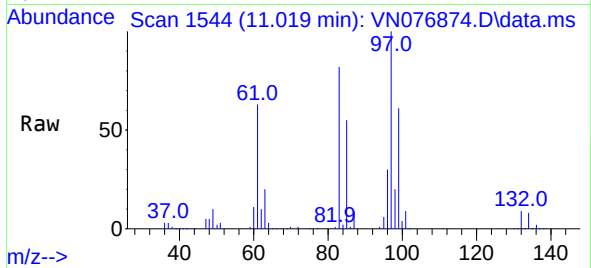
Tgt Ion: 75 Resp: 586060
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5
39 43.0 29.7 44.5





#55
1,1,2-Trichloroethane
Concen: 51.862 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.001 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

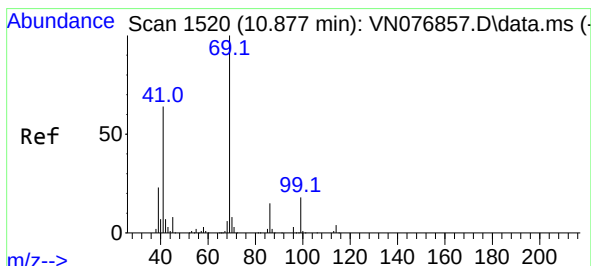
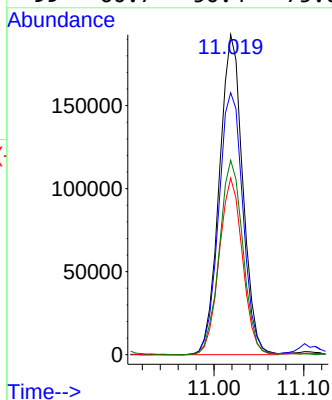
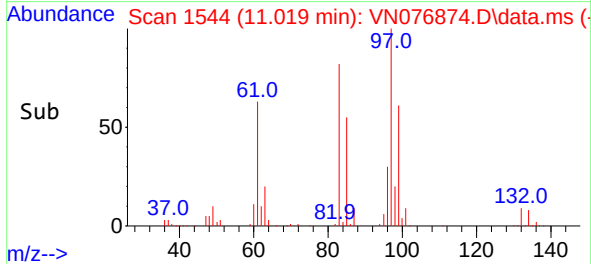


Tgt Ion: 97 Resp: 348948

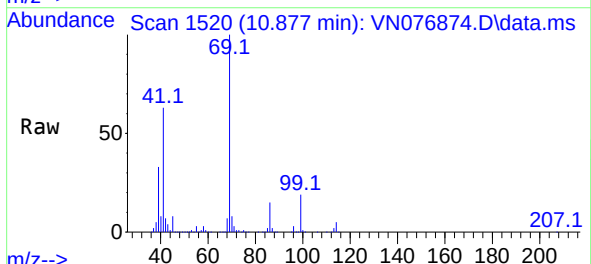
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.1	100.7
85	55.2	41.8	62.8
99	60.7	50.4	75.6

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

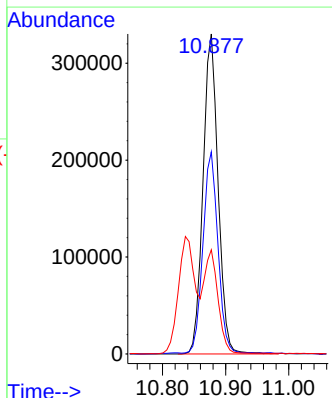
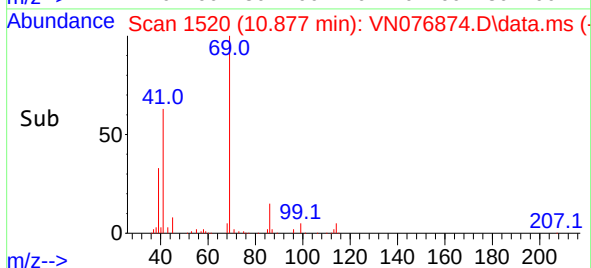


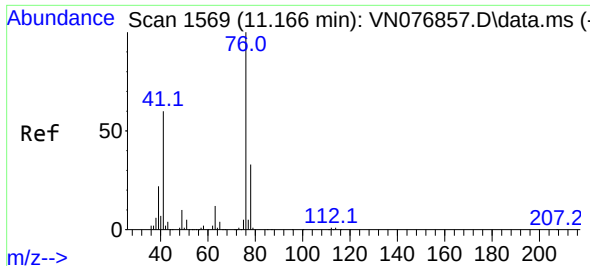
#56
Ethyl methacrylate
Concen: 54.577 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



Tgt Ion: 69 Resp: 547133

Ion	Ratio	Lower	Upper
69	100		
41	62.4	38.0	57.0
39	29.7	22.4	33.6





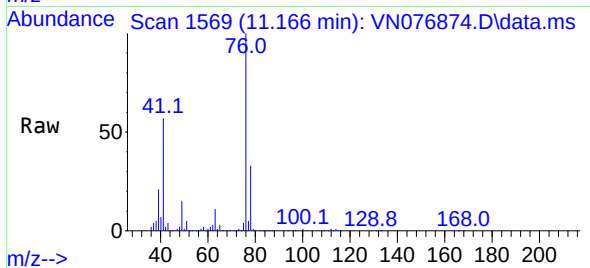
#57
1,3-Dichloropropane
Concen: 52.507 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



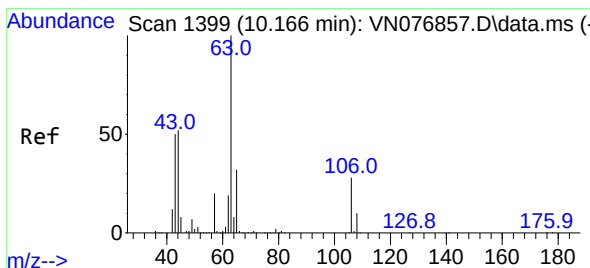
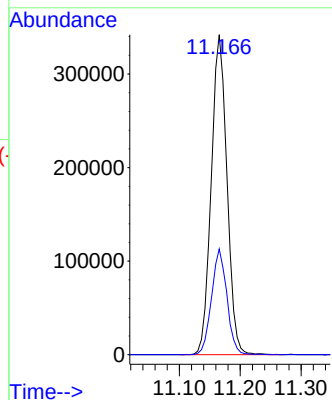
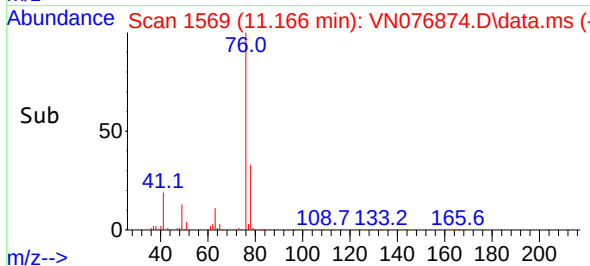
Tgt Ion: 76 Resp: 613386
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

Manual Integrations

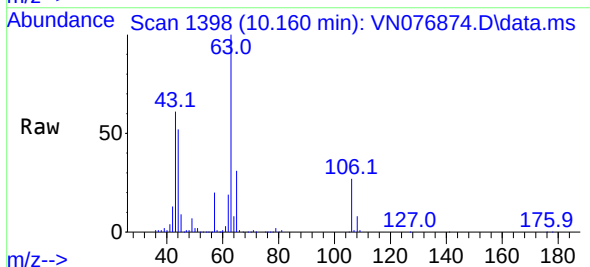
APPROVED

Reviewed By :John Carlone 03/09/2023

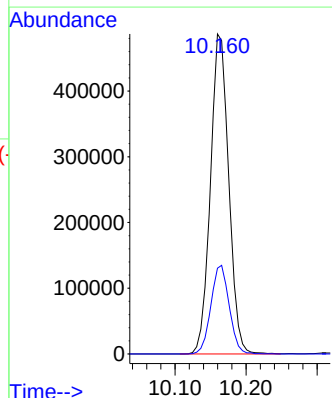
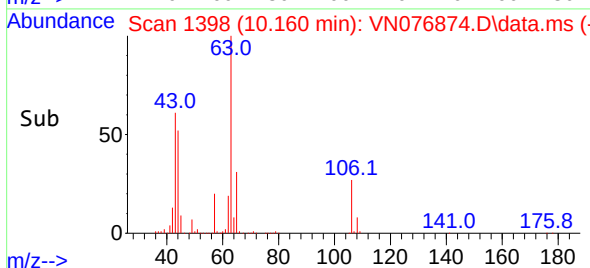
Supervised By :Mahesh Dadoda 03/09/2023

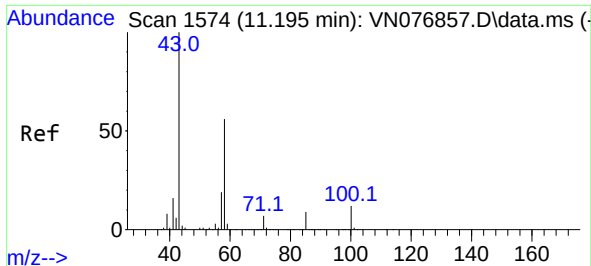


#58
2-Chloroethyl Vinyl ether
Concen: 250.706 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



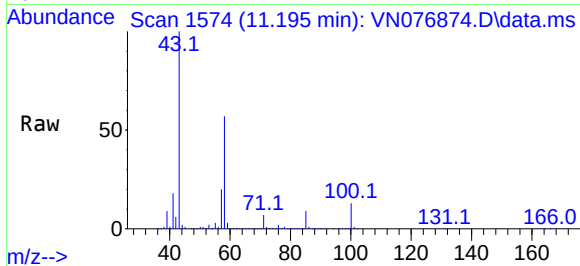
Tgt Ion: 63 Resp: 870836
Ion Ratio Lower Upper
63 100
106 27.7 25.6 38.4





#59
2-Hexanone
Concen: 252.491 ug/l
RT: 11.195 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

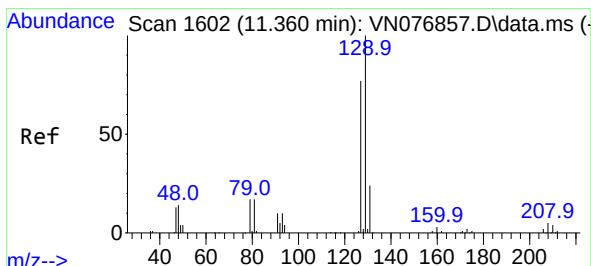
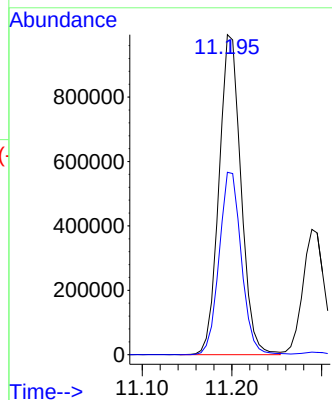
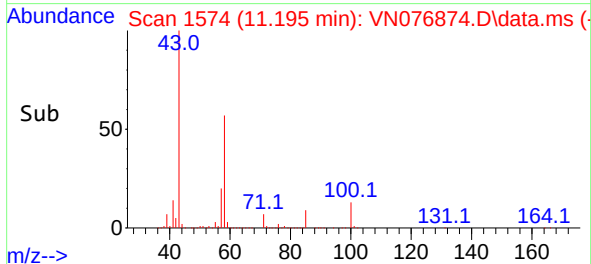
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1691054
Ion Ratio Lower Upper
43 100
58 57.5 32.6 98.0

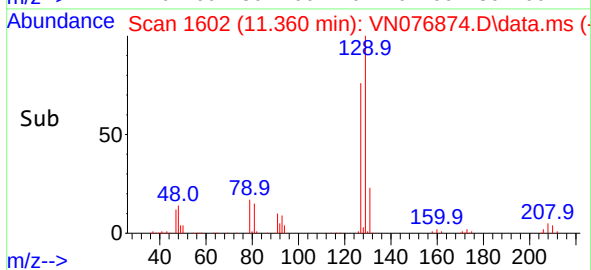
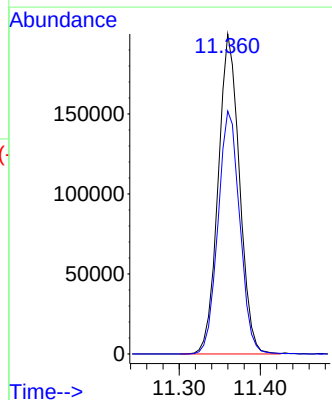
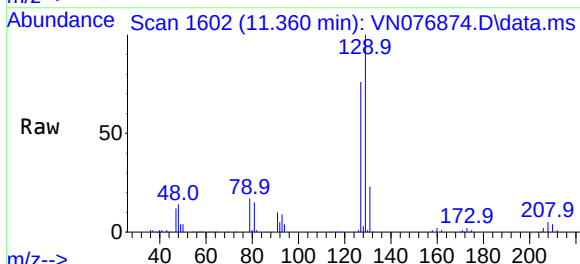
Manual Integrations
APPROVED

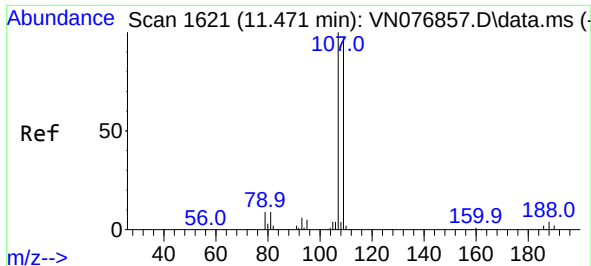
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#60
Dibromochloromethane
Concen: 55.024 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

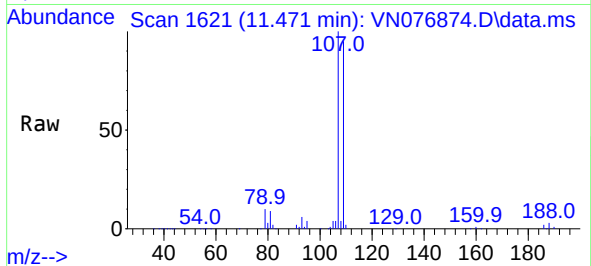
Tgt Ion:129 Resp: 364821
Ion Ratio Lower Upper
129 100
127 77.5 39.6 118.8





#61
1,2-Dibromoethane
Concen: 53.051 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

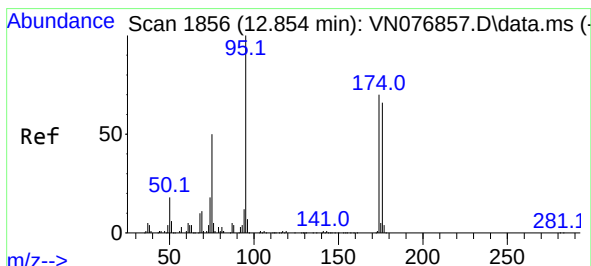
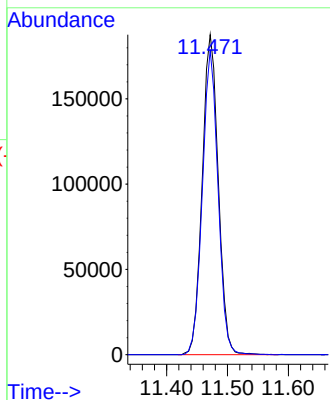
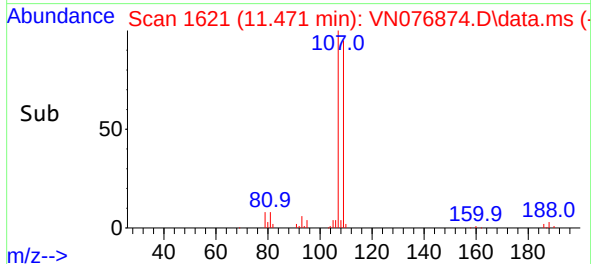
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



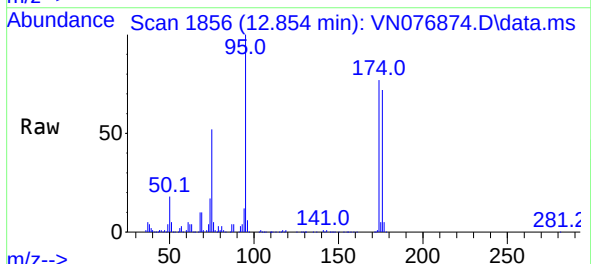
Tgt Ion:107 Resp: 343078
Ion Ratio Lower Upper
107 100
109 92.9 75.9 113.9

Manual Integrations
APPROVED

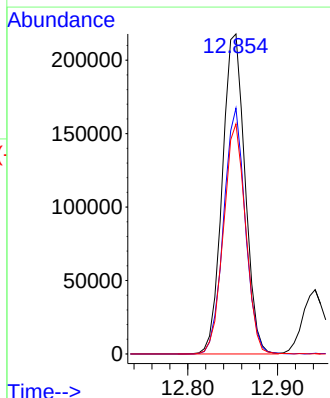
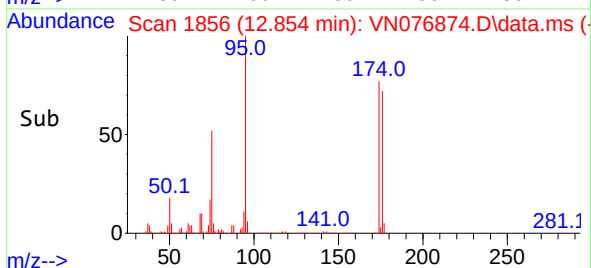
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

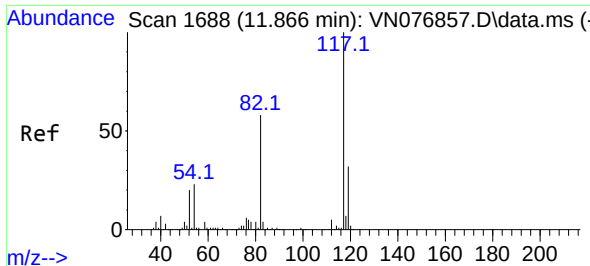


#62
4-Bromofluorobenzene
Concen: 49.289 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



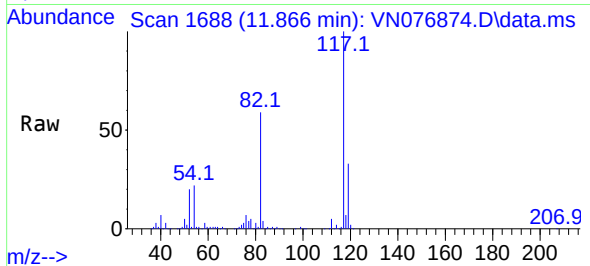
Tgt Ion: 95 Resp: 381780
Ion Ratio Lower Upper
95 100
174 73.2 0.0 162.4
176 69.9 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

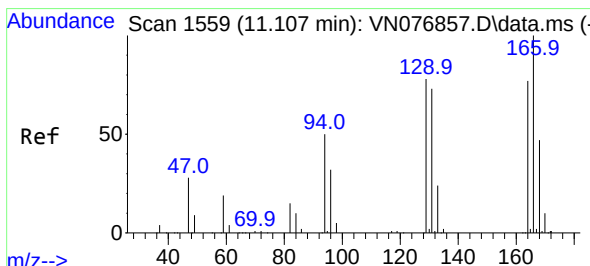
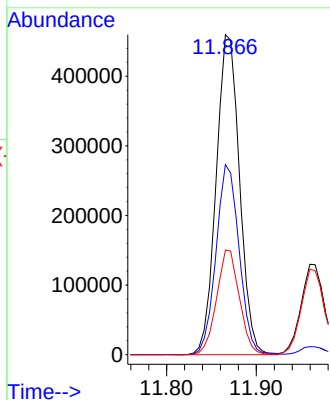
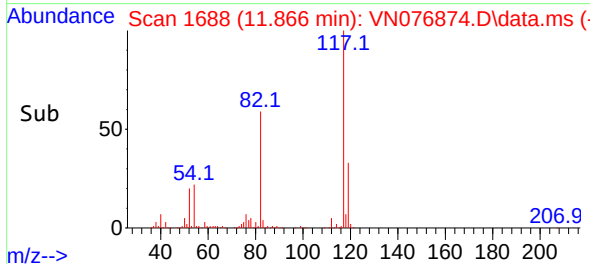
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



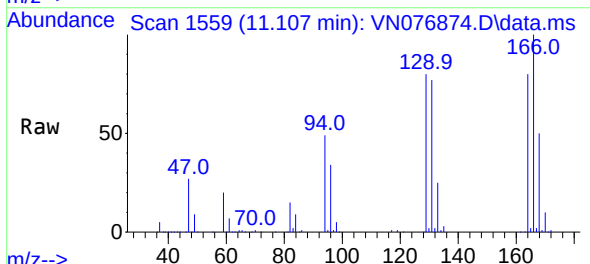
Tgt Ion:117 Resp: 83349
Ion Ratio Lower Upper
117 100
82 59.4 43.5 65.3
119 32.7 25.5 38.3

Manual Integrations
APPROVED

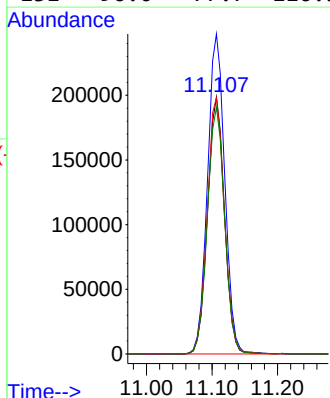
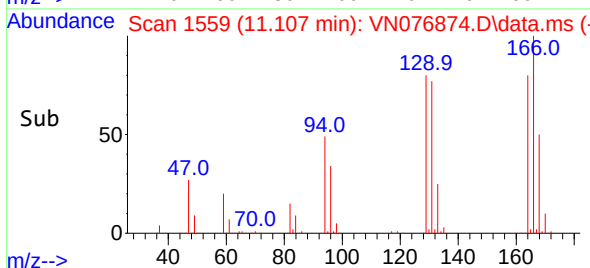
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

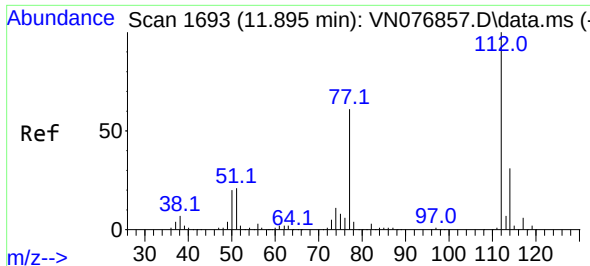


#64
Tetrachloroethene
Concen: 57.808 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



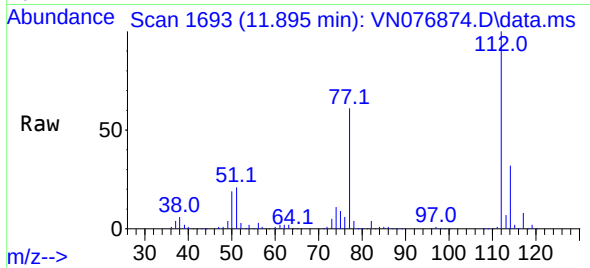
Tgt Ion:164 Resp: 358568
Ion Ratio Lower Upper
164 100
166 124.5 102.7 154.1
129 99.6 81.5 122.3
131 96.0 77.7 116.5





#65
Chlorobenzene
Concen: 50.881 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

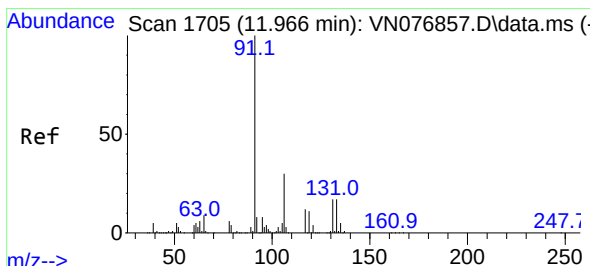
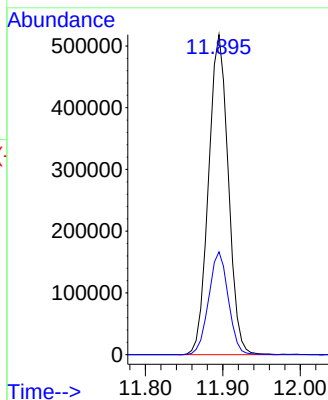
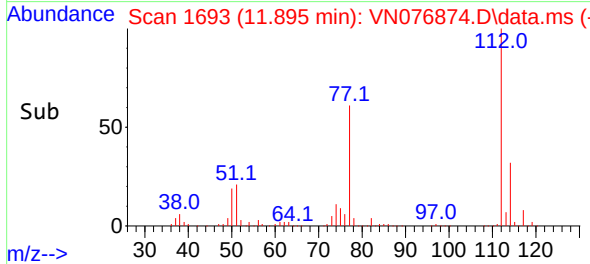
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



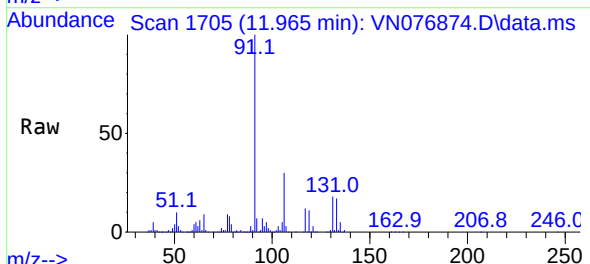
Tgt Ion:112 Resp: 916500
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

Manual Integrations
APPROVED

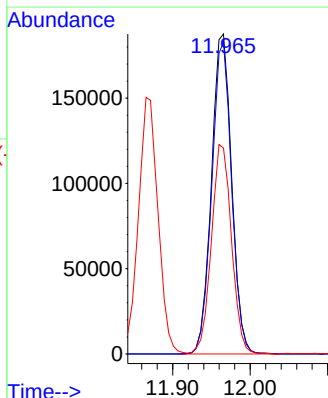
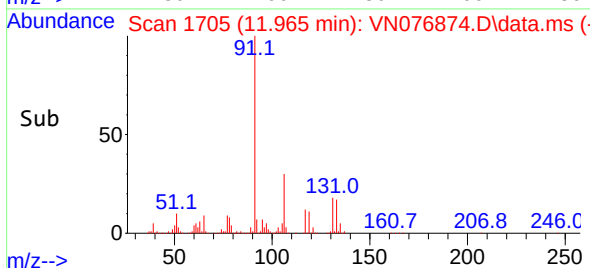
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

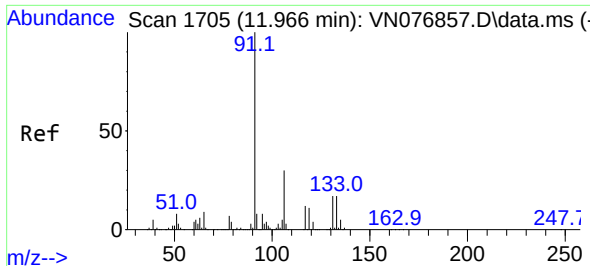


#66
1,1,1,2-Tetrachloroethane
Concen: 52.096 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



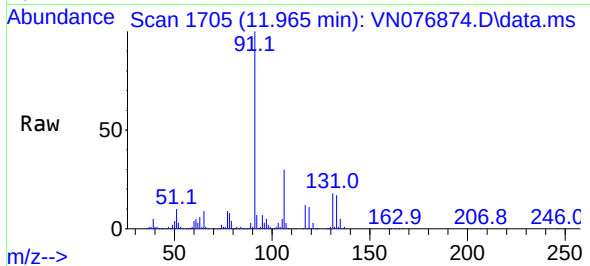
Tgt Ion:131 Resp: 339450
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.8
119 65.1 33.1 99.2





#67
Ethyl Benzene
Concen: 53.706 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

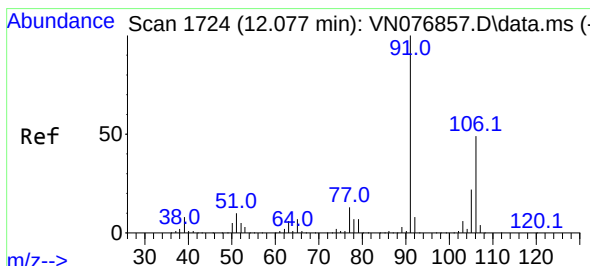
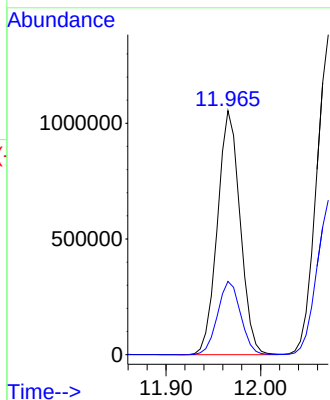
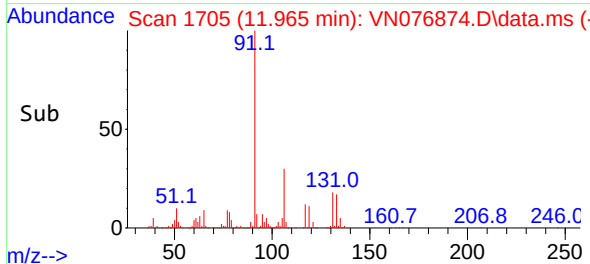
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



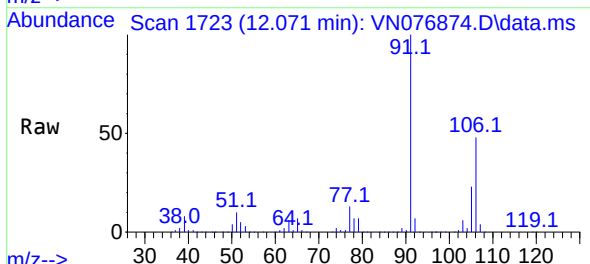
Tgt Ion: 91 Resp: 1756544
Ion Ratio Lower Upper
91 100
106 30.0 25.1 37.7

Manual Integrations
APPROVED

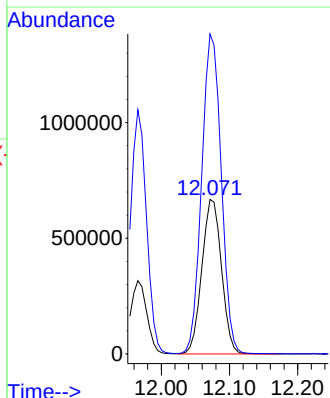
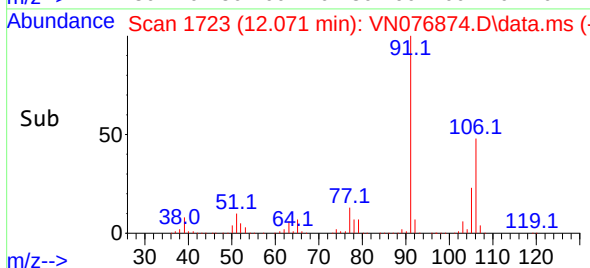
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

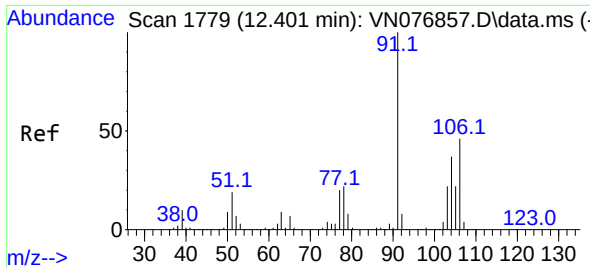


#68
m/p-Xylenes
Concen: 108.436 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



Tgt Ion:106 Resp: 1334348
Ion Ratio Lower Upper
106 100
91 206.7 158.0 237.0





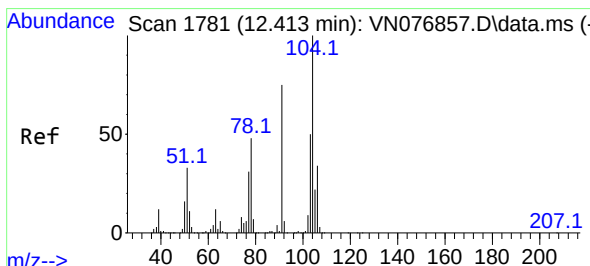
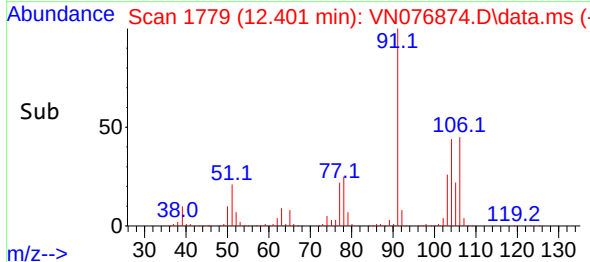
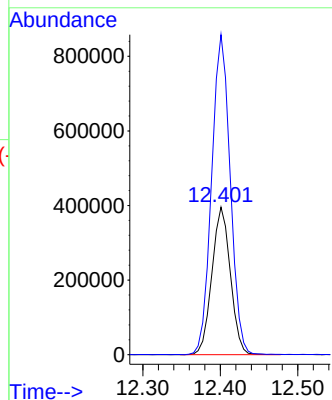
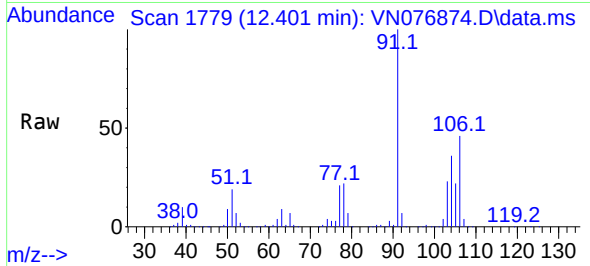
#69
o-Xylene
Concen: 53.966 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 65395
Ion Ratio Lower Upper
106 100
91 218.8 101.8 305.4

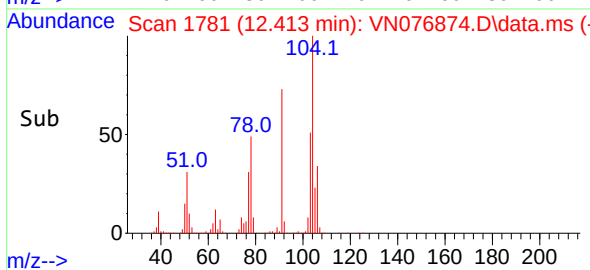
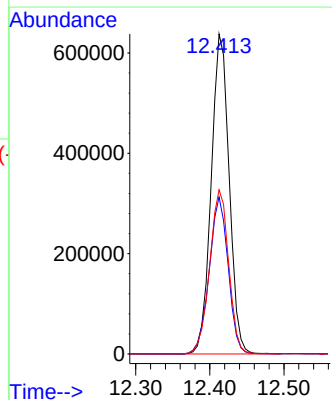
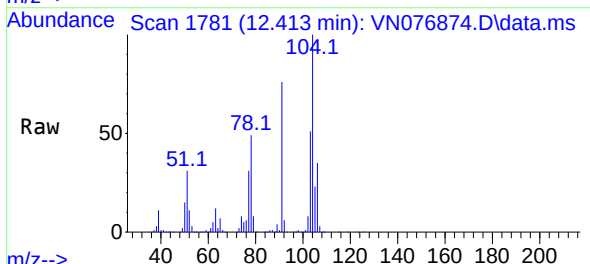
Manual Integrations
APPROVED

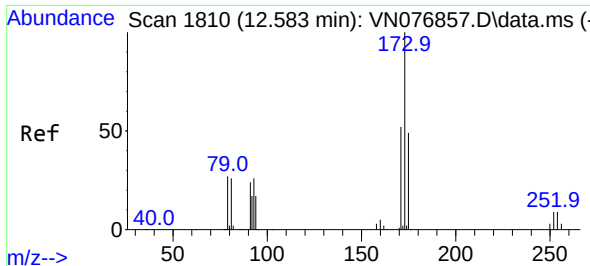
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#70
Styrene
Concen: 56.497 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

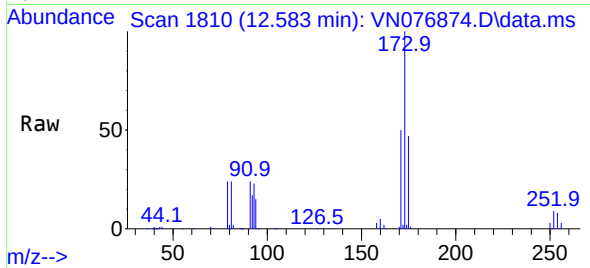
Tgt Ion:104 Resp: 1073379
Ion Ratio Lower Upper
104 100
78 51.6 36.6 55.0
103 54.4 43.4 65.0





#71
Bromoform
Concen: 55.292 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

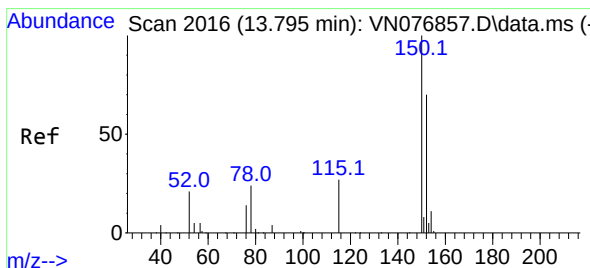
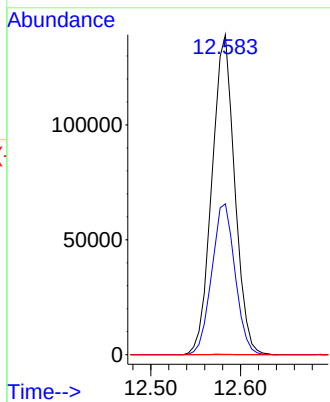
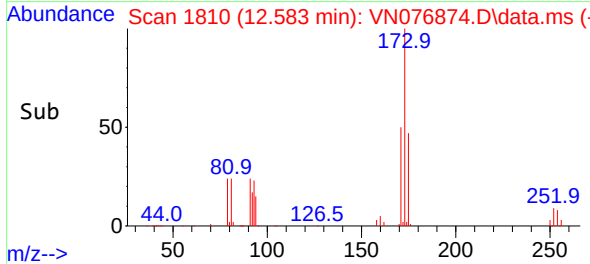
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 245230
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.6
254 0.1 0.0 0.0

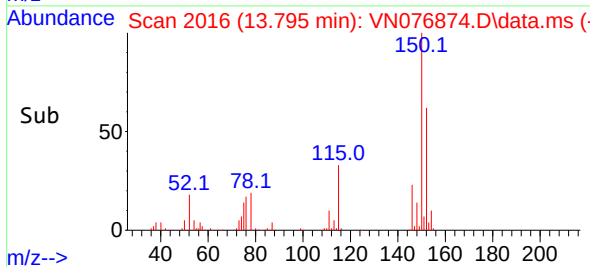
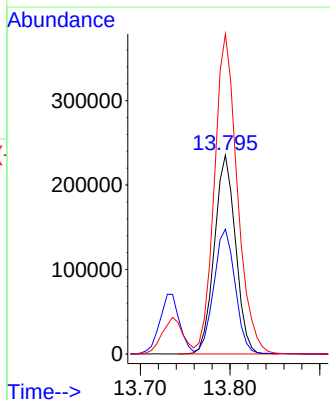
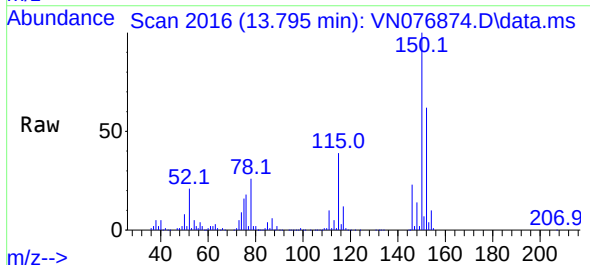
Manual Integrations
APPROVED

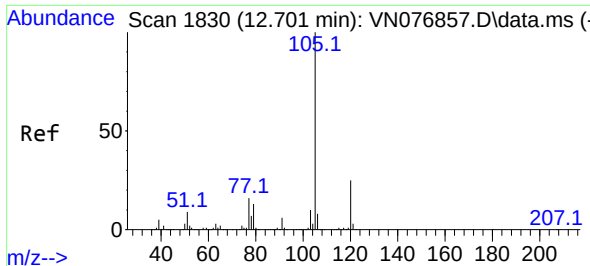
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

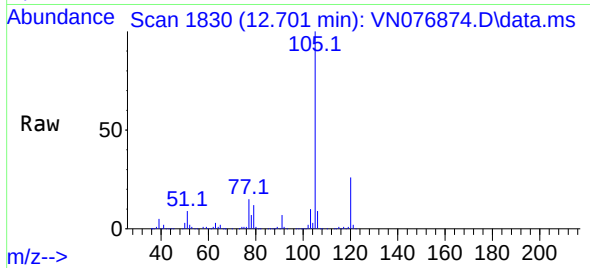
Tgt Ion:152 Resp: 385314
Ion Ratio Lower Upper
152 100
115 63.8 30.3 90.9
150 174.6 0.0 353.6





#73
Isopropylbenzene
Concen: 50.798 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

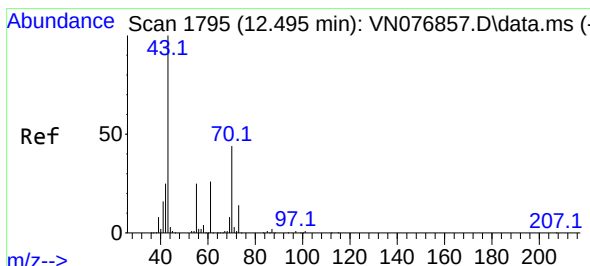
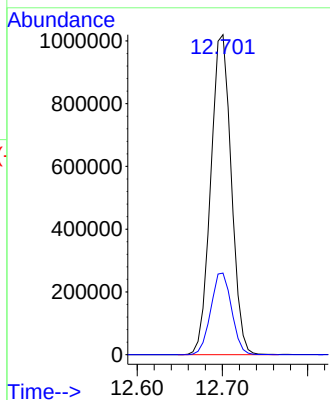
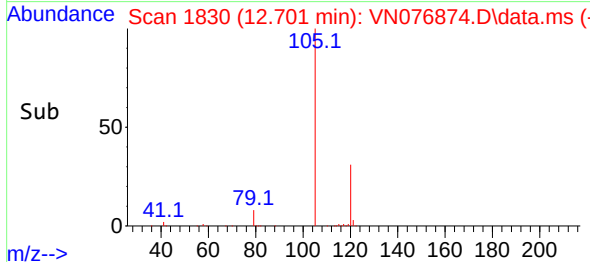
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



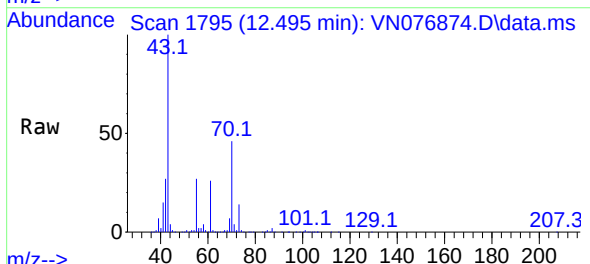
Tgt Ion:105 Resp: 1706124
Ion Ratio Lower Upper
105 100
120 25.9 13.8 41.4

Manual Integrations
APPROVED

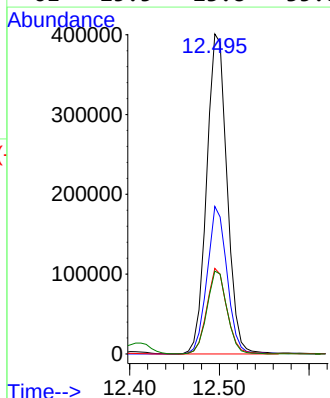
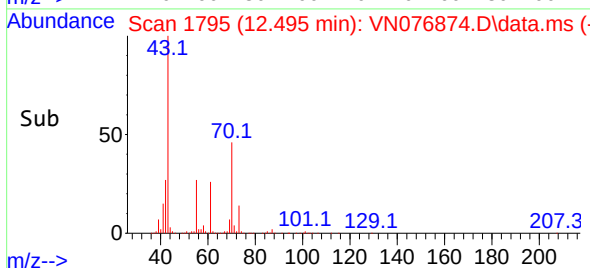
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

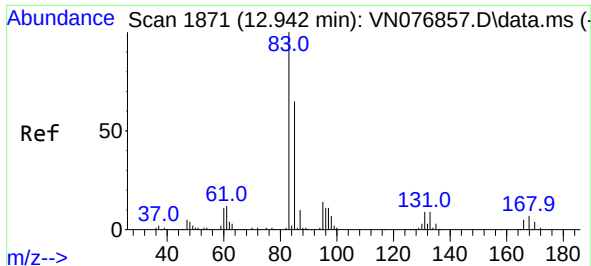


#74
N-ethyl acetate
Concen: 48.113 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



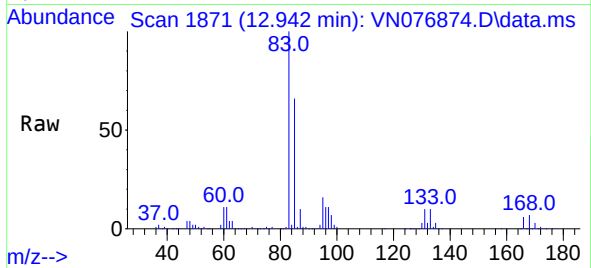
Tgt Ion: 43 Resp: 631993
Ion Ratio Lower Upper
43 100
70 45.3 46.8 70.2#
55 26.3 23.4 35.2
61 25.5 23.8 35.8





#75
1,1,2,2-Tetrachloroethane
Concen: 43.753 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

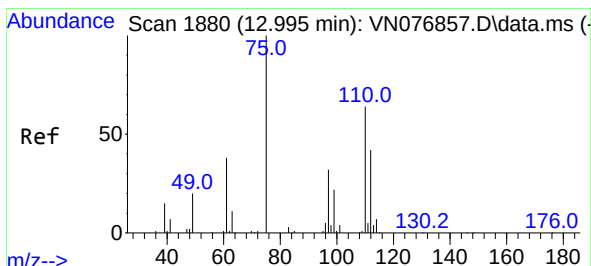
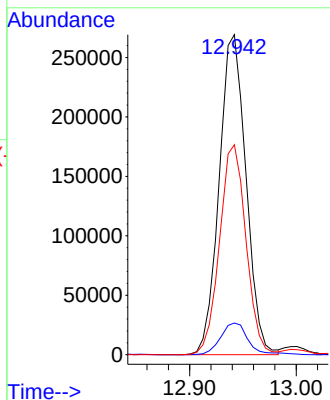
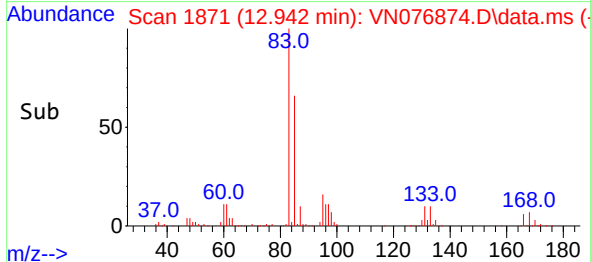
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



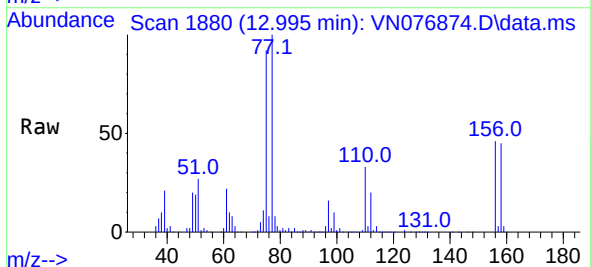
Tgt Ion: 83 Resp: 470949
Ion Ratio Lower Upper
83 100
131 10.2 5.3 16.1
85 64.6 32.0 96.0

Manual Integrations
APPROVED

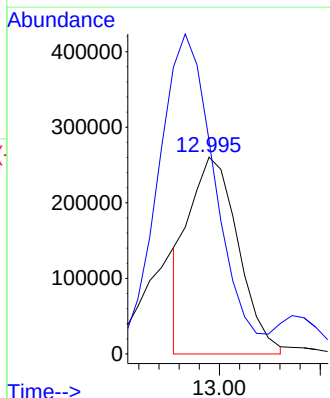
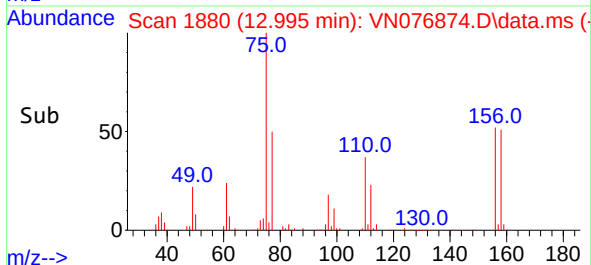
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

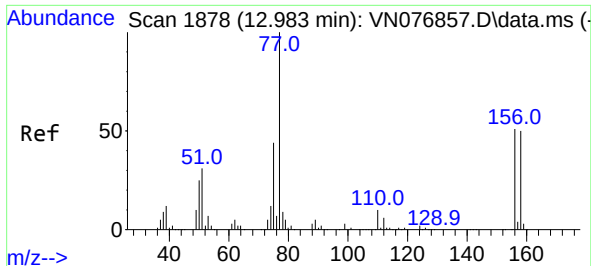


#76
1,2,3-Trichloropropane
Concen: 45.686 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



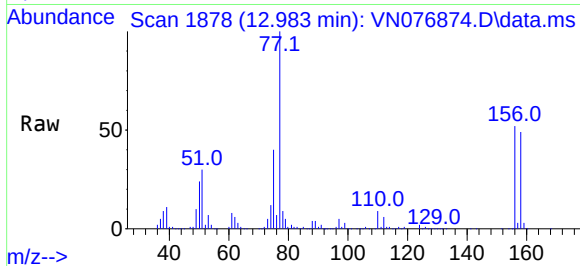
Tgt Ion: 75 Resp: 443954
Ion Ratio Lower Upper
75 100
77 189.2 93.8 281.4





#77
Bromobenzene
Concen: 50.383 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

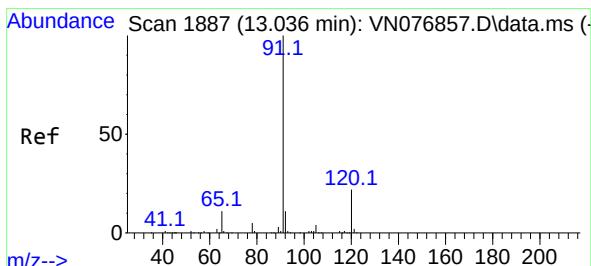
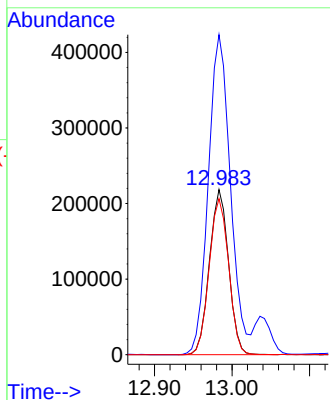
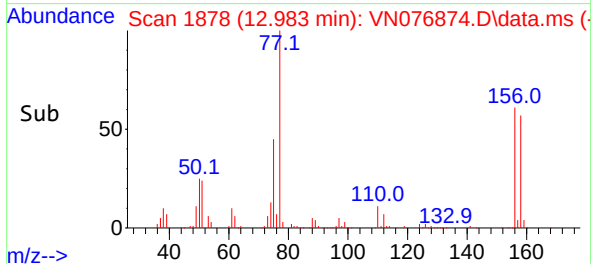
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



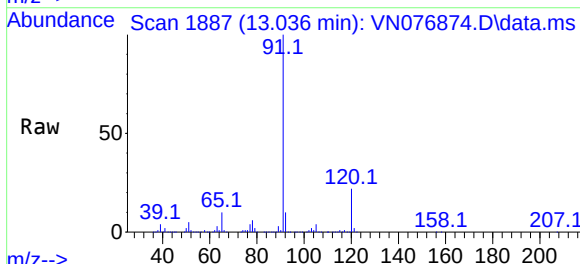
Tgt Ion:156 Resp: 374463
Ion Ratio Lower Upper
156 100
77 224.3 101.3 303.7
158 96.5 48.9 146.7

Manual Integrations
APPROVED

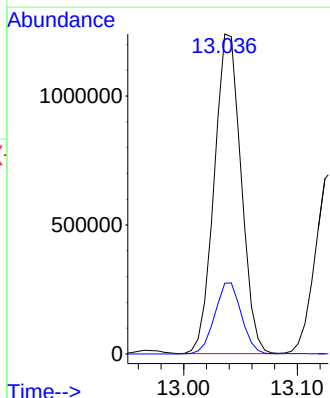
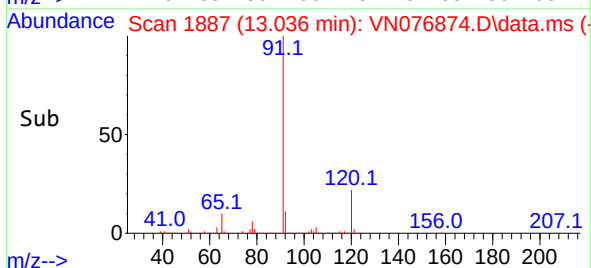
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

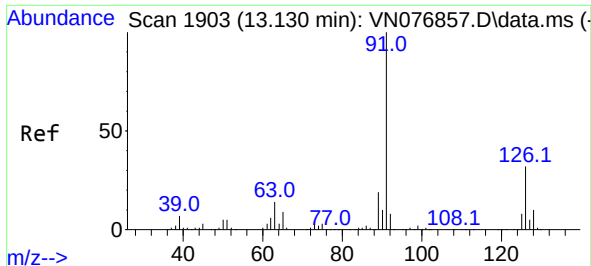


#78
n-propylbenzene
Concen: 53.168 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



Tgt Ion: 91 Resp: 2036418
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.7





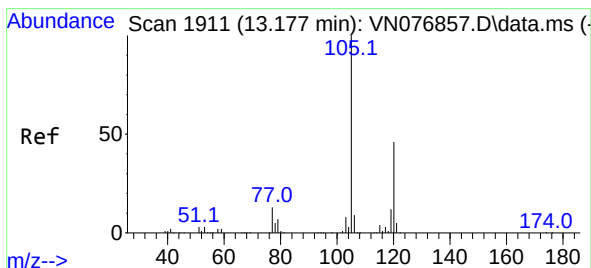
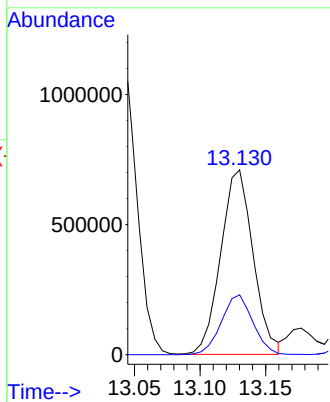
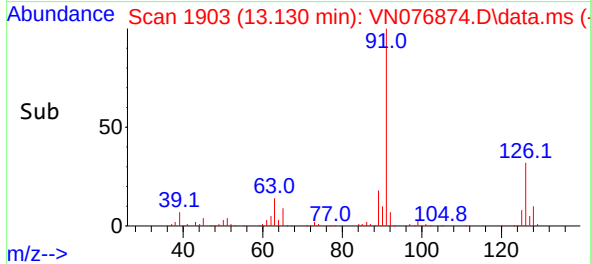
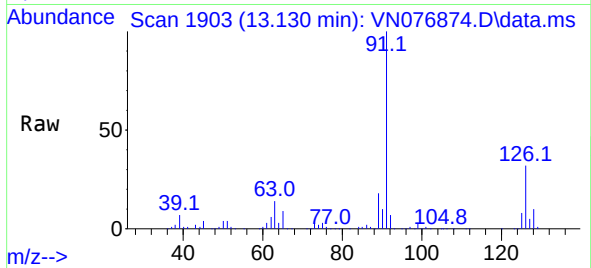
#79
2-Chlorotoluene
Concen: 49.698 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 122106
Ion Ratio Lower Upper
91 100
126 31.6 17.7 53.1

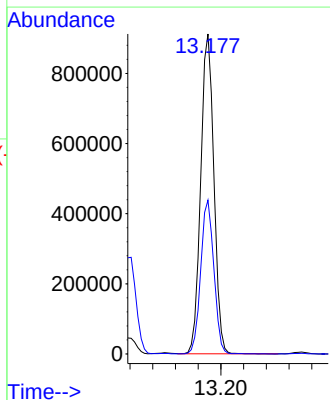
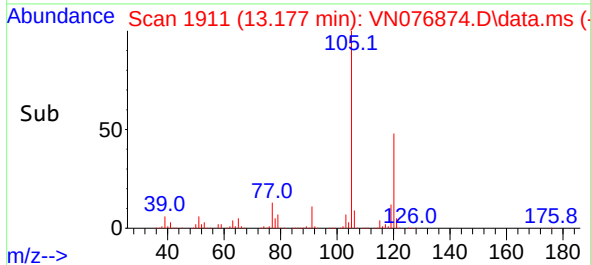
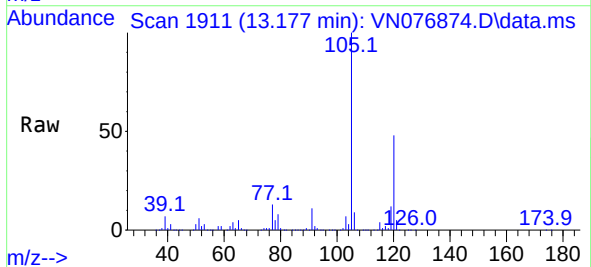
Manual Integrations
APPROVED

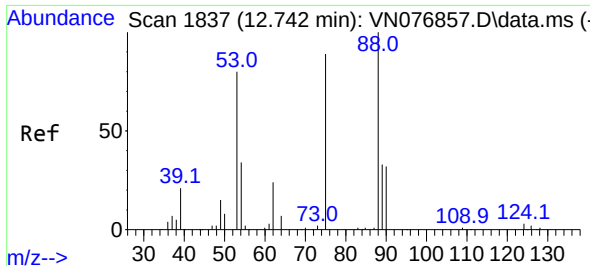
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.135 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

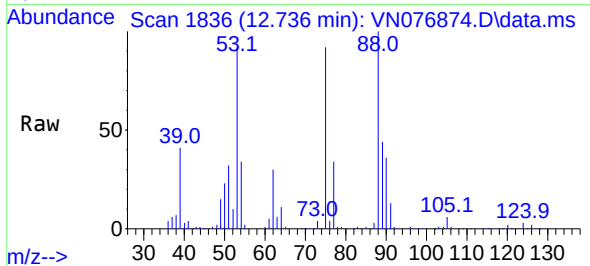
Tgt Ion:105 Resp: 1467591
Ion Ratio Lower Upper
105 100
120 47.9 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.939 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

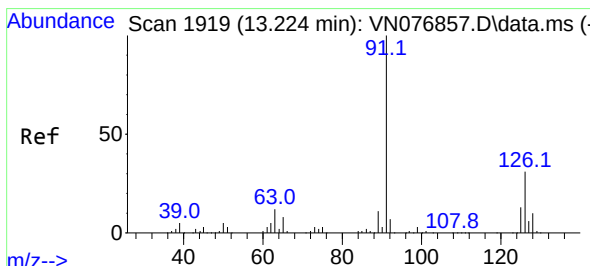
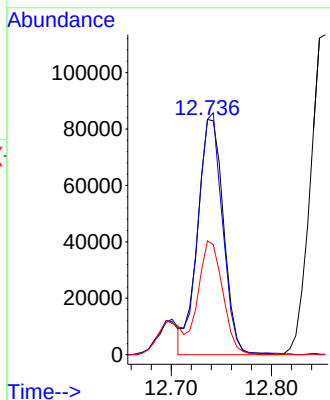
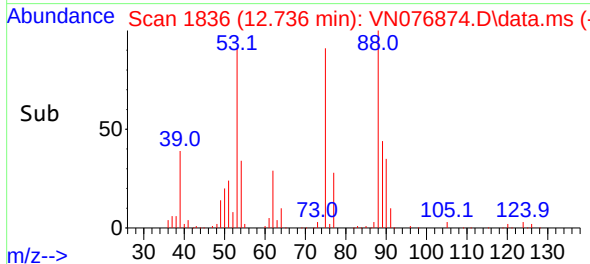
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



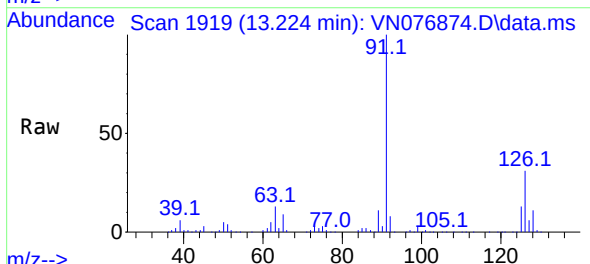
Tgt Ion: 75 Resp: 150090
Ion Ratio Lower Upper
75 100
53 94.0 67.4 101.0
89 45.7 39.5 59.3

Manual Integrations
APPROVED

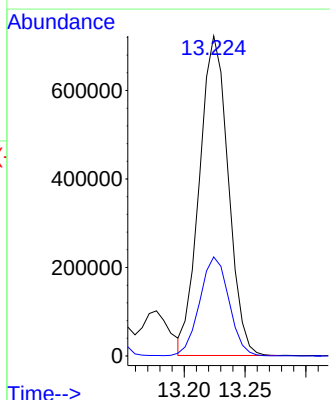
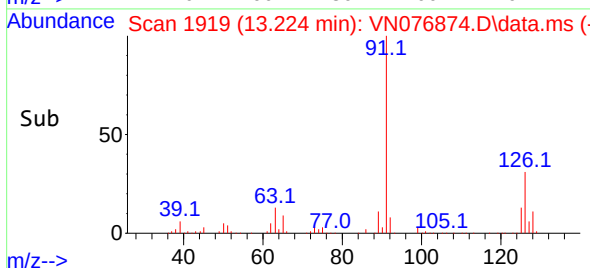
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

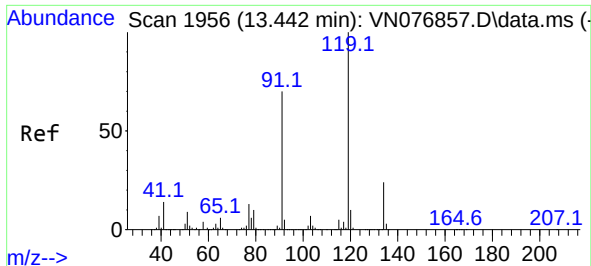


#82
4-Chlorotoluene
Concen: 51.053 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



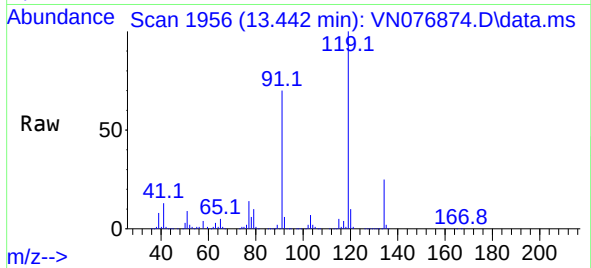
Tgt Ion: 91 Resp: 1189164
Ion Ratio Lower Upper
91 100
126 31.5 18.0 54.0





#83
tert-Butylbenzene
Concen: 52.999 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

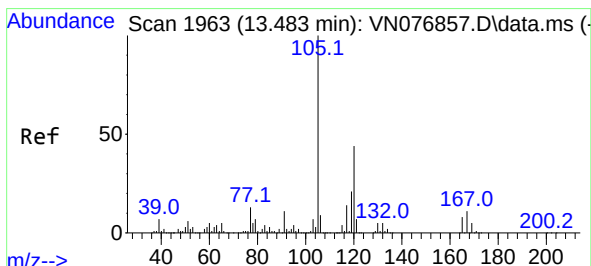
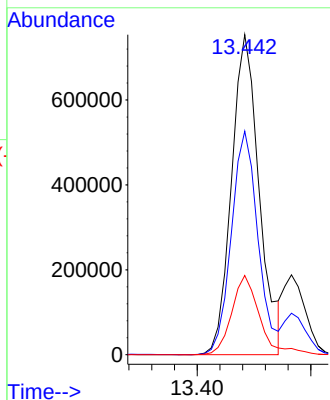
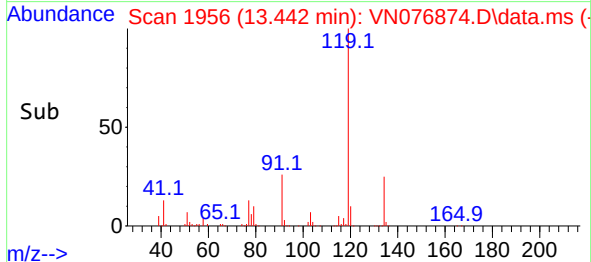
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



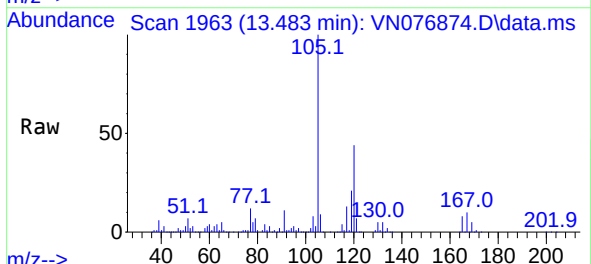
Tgt Ion:119 Resp: 1274878
Ion Ratio Lower Upper
119 100
91 67.4 31.9 95.5
134 25.0 13.8 41.4

Manual Integrations
APPROVED

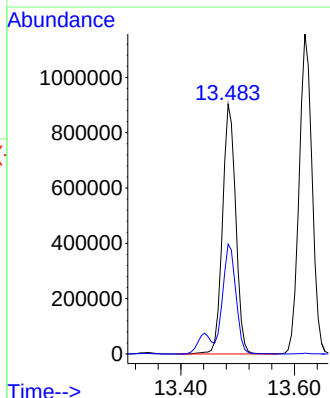
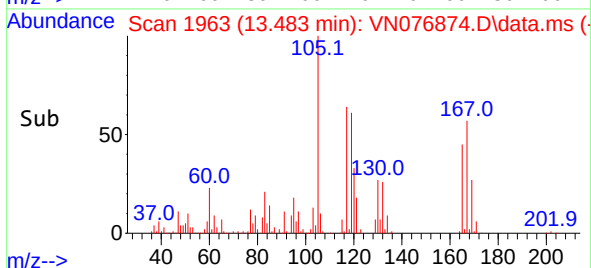
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

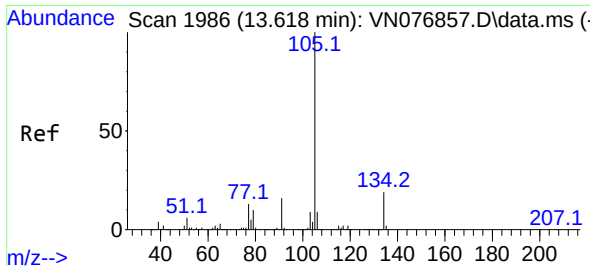


#84
1,2,4-Trimethylbenzene
Concen: 52.756 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



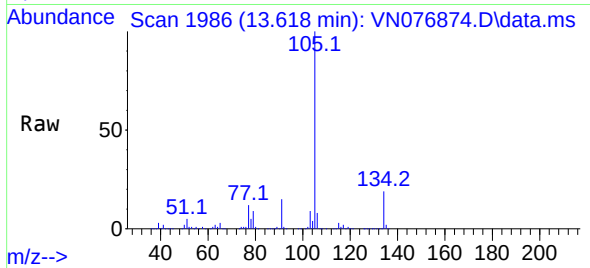
Tgt Ion:105 Resp: 1464904
Ion Ratio Lower Upper
105 100
120 43.5 23.6 70.8





#85
 sec-Butylbenzene
 Concen: 54.184 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076874.D
 Acq: 08 Mar 2023 09:59

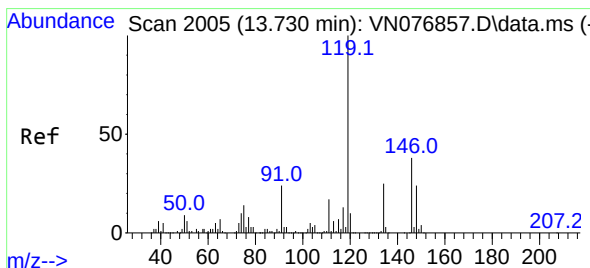
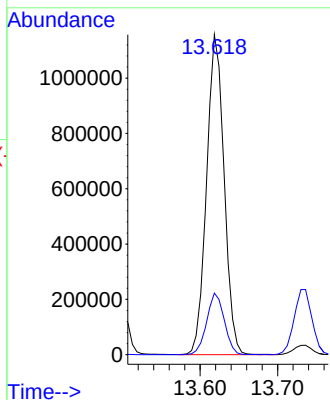
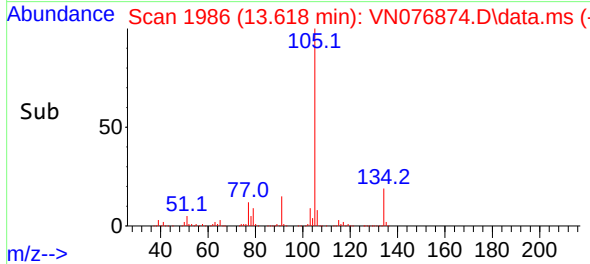
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



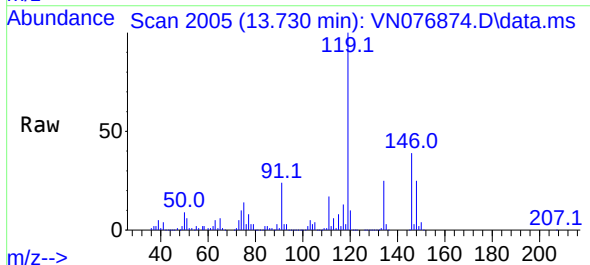
Tgt Ion:105 Resp: 1819760
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.2

Manual Integrations
 APPROVED

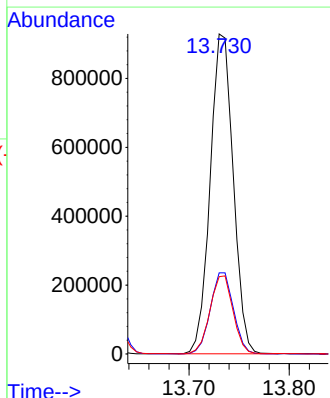
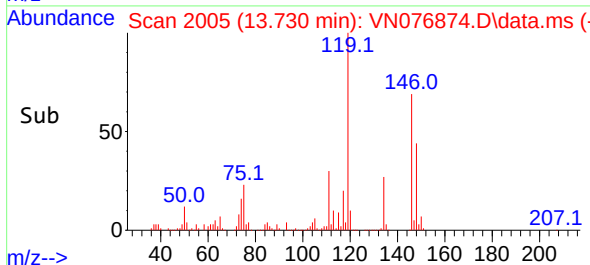
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023

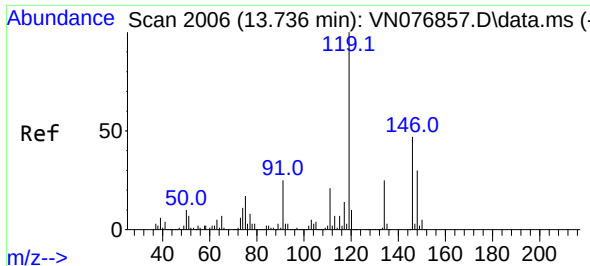


#86
 p-Isopropyltoluene
 Concen: 55.238 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076874.D
 Acq: 08 Mar 2023 09:59



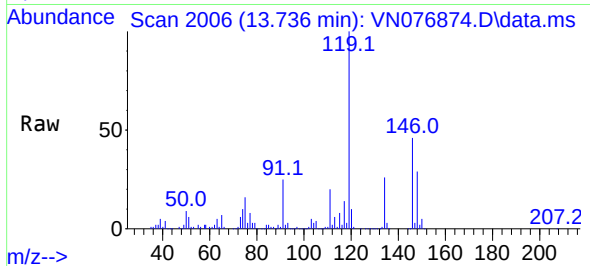
Tgt Ion:119 Resp: 1483827
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.5 40.5
 91 24.4 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 51.984 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

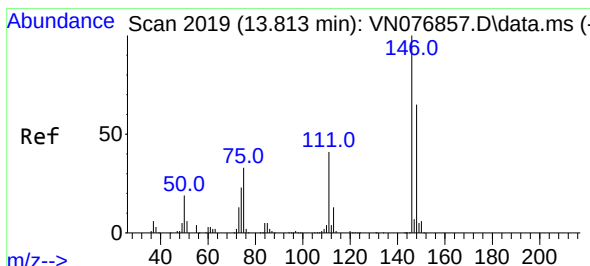
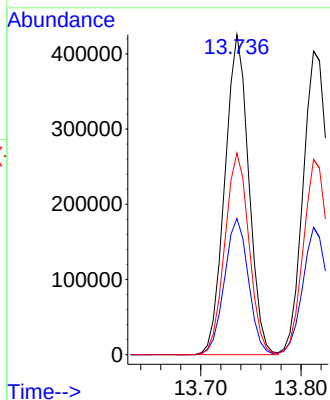
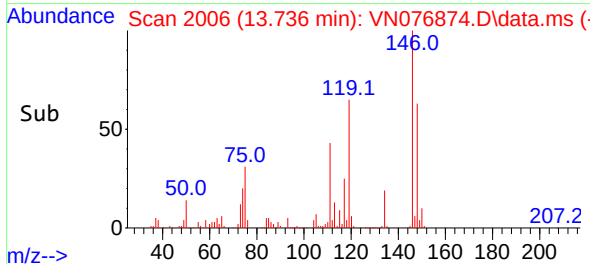
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



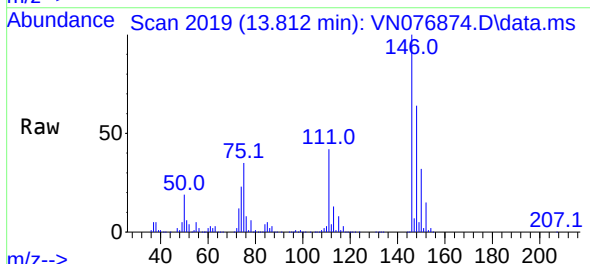
Tgt Ion:146 Resp: 70546
Ion Ratio Lower Upper
146 100
111 42.5 20.4 61.2
148 63.6 31.5 94.5

Manual Integrations
APPROVED

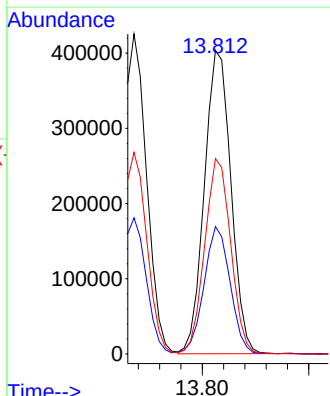
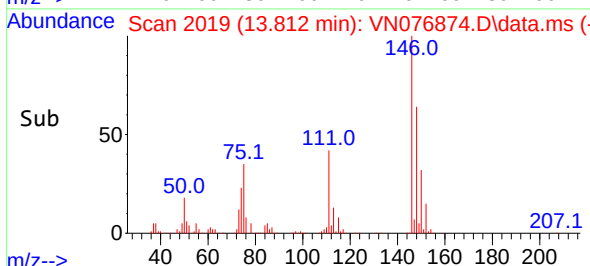
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

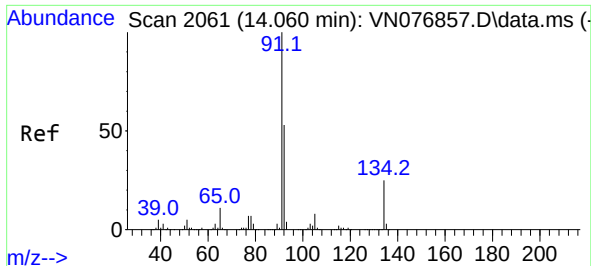


#88
1,4-Dichlorobenzene
Concen: 50.692 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



Tgt Ion:146 Resp: 698519
Ion Ratio Lower Upper
146 100
111 41.2 20.0 60.0
148 63.4 31.8 95.4





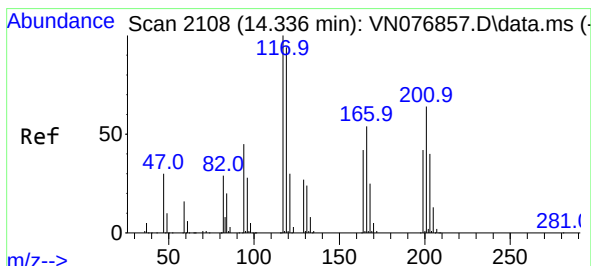
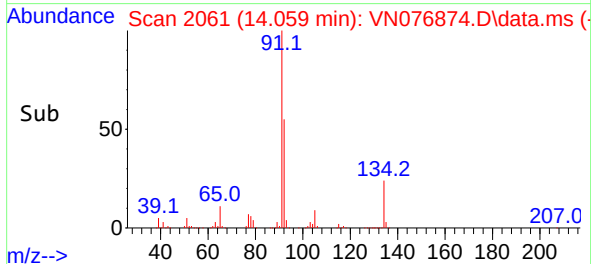
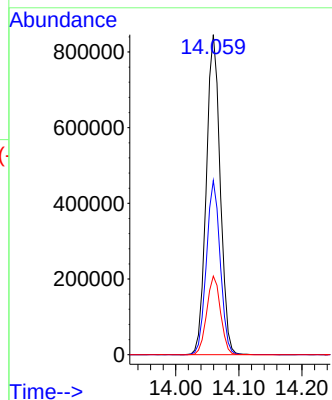
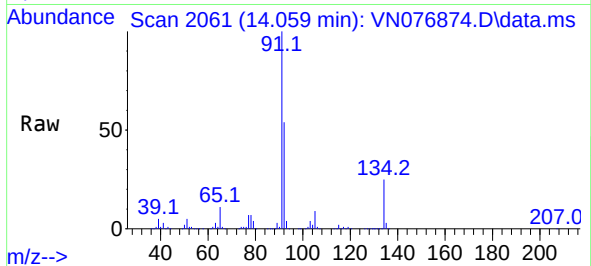
#89
n-Butylbenzene
Concen: 55.709 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 129285
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.7
134 24.4 13.6 40.7

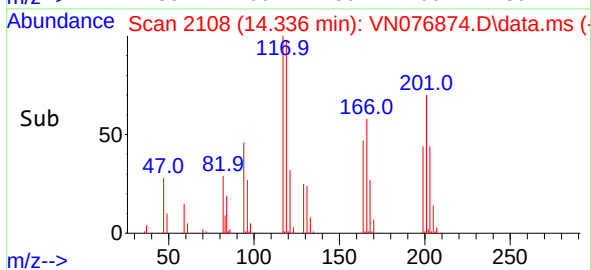
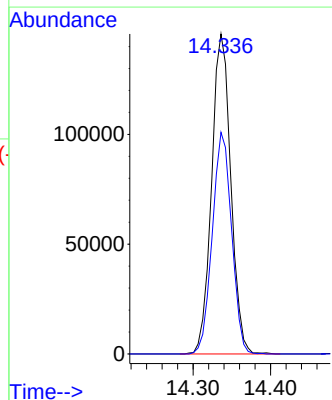
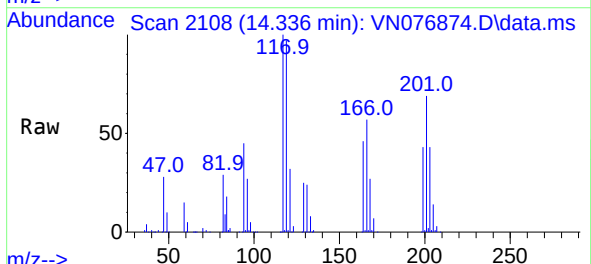
Manual Integrations
APPROVED

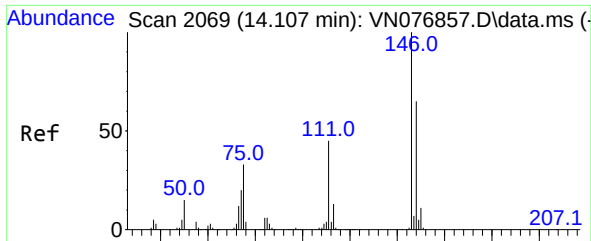
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023



#90
Hexachloroethane
Concen: 51.620 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

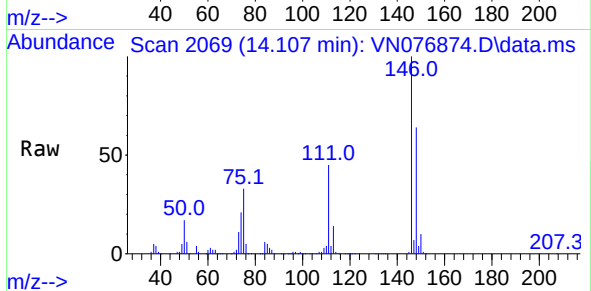
Tgt Ion:117 Resp: 250536
Ion Ratio Lower Upper
117 100
201 69.6 31.9 95.7





#91
1,2-Dichlorobenzene
Concen: 50.524 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

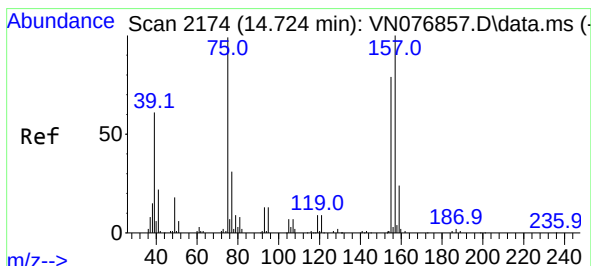
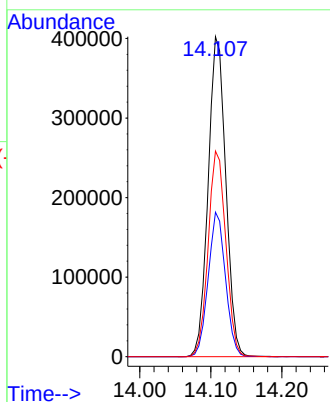
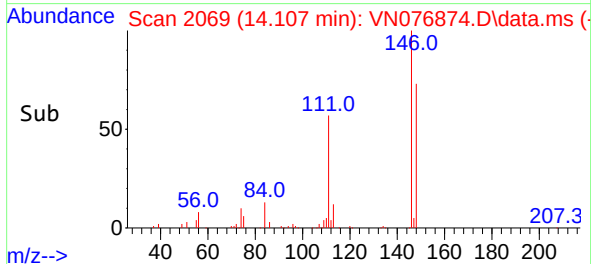
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



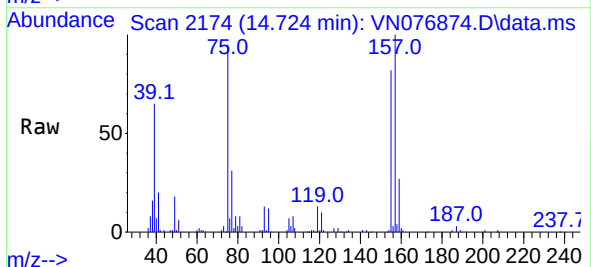
Tgt Ion:146 Resp: 69453
Ion Ratio Lower Upper
146 100
111 44.2 21.4 64.2
148 64.4 32.0 96.0

Manual Integrations
APPROVED

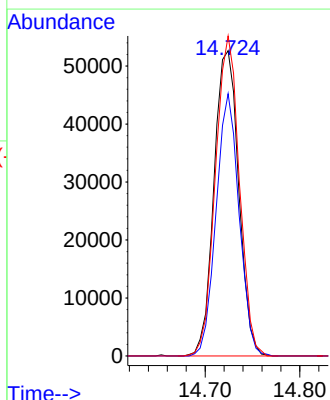
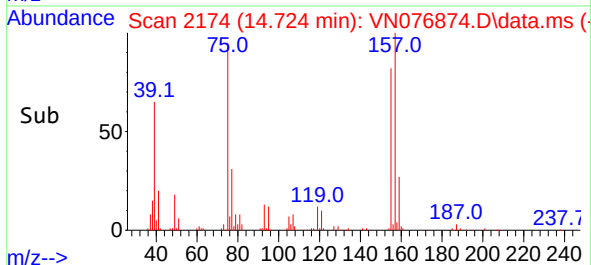
Reviewed By :John Carlone 03/09/2023
Supervised By :Mahesh Dadoda 03/09/2023

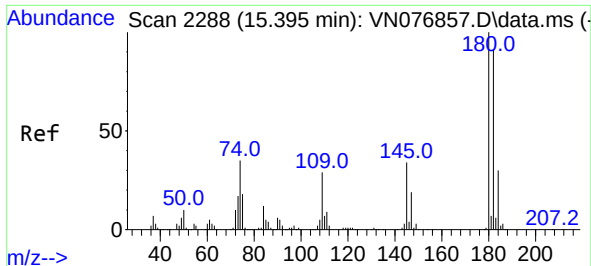


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.731 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



Tgt Ion: 75 Resp: 95313
Ion Ratio Lower Upper
75 100
155 80.0 44.3 132.8
157 101.7 58.3 174.8





#93
 1,2,4-Trichlorobenzene
 Concen: 56.259 ug/l
 RT: 15.395 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076874.D
 Acq: 08 Mar 2023 09:59

Instrument :

MSVOA_N

ClientSampleId :

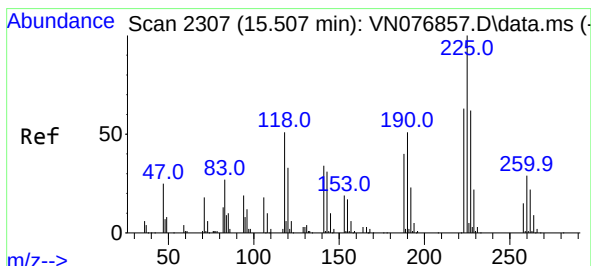
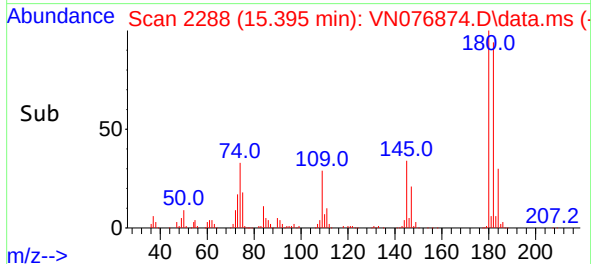
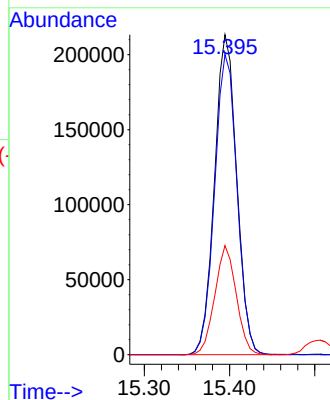
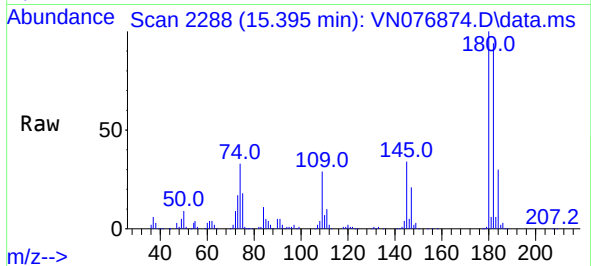
VSTDCCC050

Tgt Ion:180 Resp: 386902
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 32.9 15.8 47.3

Manual Integrations

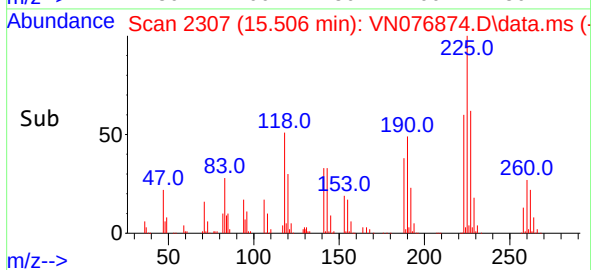
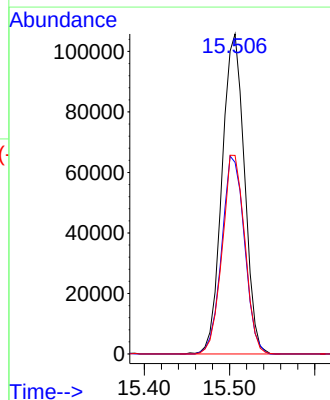
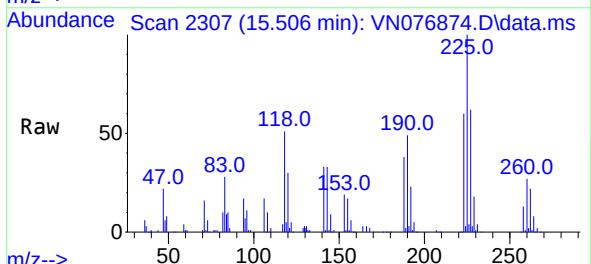
APPROVED

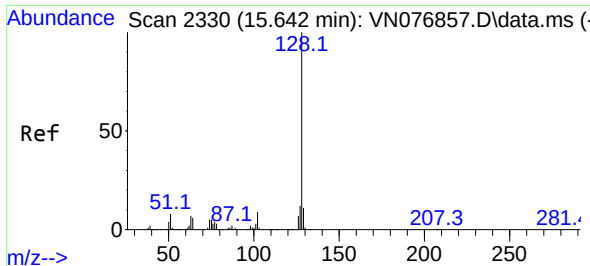
Reviewed By :John Carlone 03/09/2023
 Supervised By :Mahesh Dadoda 03/09/2023



#94
 Hexachlorobutadiene
 Concen: 53.885 ug/l
 RT: 15.506 min Scan# 2307
 Delta R.T. -0.001 min
 Lab File: VN076874.D
 Acq: 08 Mar 2023 09:59

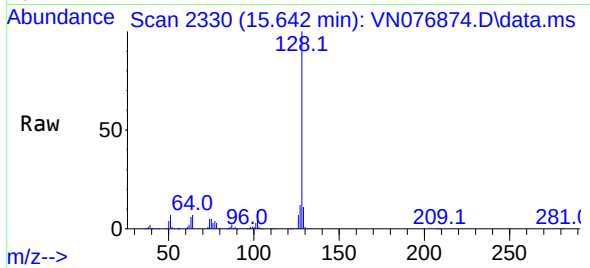
Tgt Ion:225 Resp: 192951
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.4 94.0
 227 62.4 30.9 92.7





#95
Naphthalene
Concen: 55.074 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59

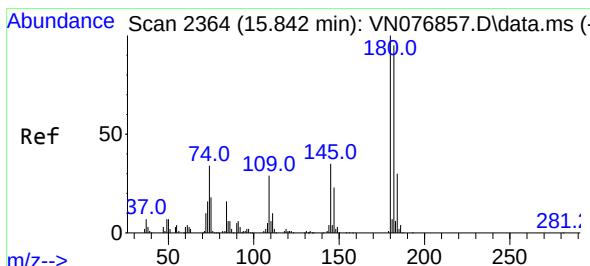
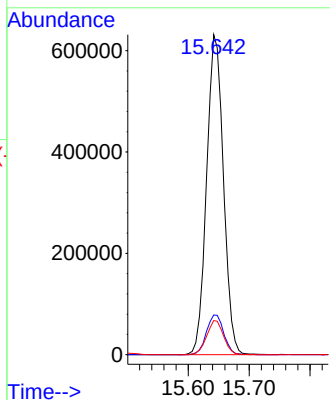
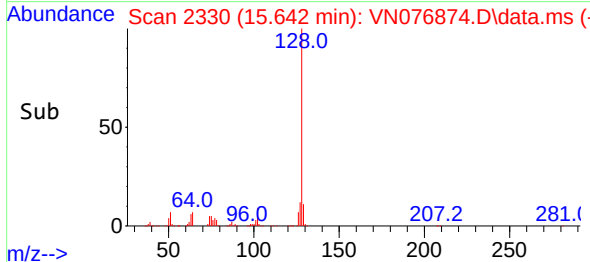
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



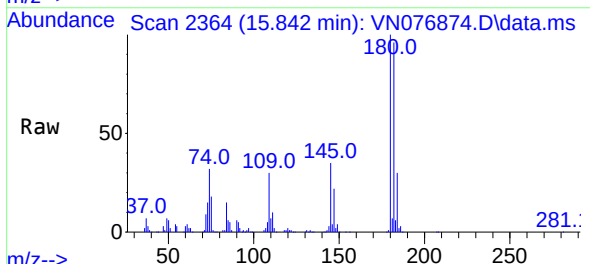
Tgt Ion:128 Resp: 1213200
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 56.190 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076874.D
Acq: 08 Mar 2023 09:59



Tgt Ion:180 Resp: 379813
Ion Ratio Lower Upper
180 100
182 94.5 47.7 143.1
145 34.8 17.0 51.0

