

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082322\
 Data File : VN074059.D
 Acq On : 23 Aug 2022 10:20
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

Quant Time: Aug 24 01:19:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.581	128	75660	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.898	114	414504	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	375076	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	184325	28.177	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.933%		
60) 4-Bromofluorobenzene	12.669	95	205254	30.906	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	103.033%		
63) Toluene-d8	10.381	98	620110	29.362	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.867%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.052	85	102536	19.938	ug/l	99
3) Chloromethane	2.269	50	121437	17.860	ug/l	95
4) Vinyl Chloride	2.410	62	140186	16.798	ug/l	99
5) Bromomethane	2.810	94	81172	19.146	ug/l	100
6) Chloroethane	2.975	64	89566	15.841	ug/l	99
7) Trichlorofluoromethane	3.316	101	167530	20.410	ug/l	97
8) Diethyl Ether	3.769	74	65362	19.789	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.140	101	100293	20.267	ug/l #	47
10) 1,1-Dichloroethene	4.116	96	94338	19.916	ug/l	94
11) Methyl Iodide	4.352	142	100727	18.435	ug/l	86
12) Methyl Acetate	4.775	43	161630	20.078	ug/l	94
13) Acrolein	3.981	56	89531	63.265	ug/l	97
14) Acrylonitrile	5.469	53	356035	95.827	ug/l	97
15) Acetone	4.222	58	92499	89.553	ug/l	73
16) Carbon Disulfide	4.463	76	238756	18.445	ug/l	96
17) Allyl chloride	4.763	41	151562	19.183	ug/l	84
18) Methylene Chloride	5.010	84	116976	19.489	ug/l	95
19) trans-1,2-Dichloroethene	5.516	96	102301	19.479	ug/l	95
20) Diisopropyl ether	6.410	45	319921	18.614	ug/l #	93
21) 1,1-Dichloroethane	6.304	63	194937	19.220	ug/l	95
22) cis-1,2-Dichloroethene	7.245	96	125746	19.903	ug/l	93
23) tert-Butyl Alcohol	5.281	59	123306	93.909	ug/l #	100
24) Methyl tert-Butyl Ether	5.528	73	333647m	19.987	ug/l	
25) Chloroform	7.745	83	200067	19.111	ug/l	98
26) Cyclohexane	8.022	56	162457	18.570	ug/l #	97
29) 1,1-Dichloropropene	8.145	75	139164	17.968	ug/l	98
30) 2-Butanone	7.257	43	467501	87.318	ug/l	99
31) 2,2-Dichloropropane	7.245	77	155010	19.181	ug/l	99
32) 1,1,1-Trichloroethane	7.940	97	174041	19.415	ug/l	99
33) Carbon Tetrachloride	8.134	117	154514	20.101	ug/l	97
34) Benzene	8.387	78	455657	18.181	ug/l	98
35) Methacrylonitrile	7.563	41	79860	18.375	ug/l	93
36) 1,2-Dichloroethane	8.463	62	153490	18.572	ug/l #	95
37) Trichloroethene	9.151	130	119917	19.449	ug/l	98
38) Methylcyclohexane	9.392	83	177346	18.446	ug/l	97
39) 1,2-Dichloropropane	9.428	63	114802	18.157	ug/l	98
40) Dibromomethane	9.510	93	81504	18.997	ug/l	85
41) Bromodichloromethane	9.698	83	162384	19.335	ug/l	98
42) Vinyl Acetate	6.346	43	1379250	89.400	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.334	43	164699	16.204	ug/l	100
44) Isopropyl Acetate	8.492	43	245946	17.401	ug/l	92
45) 1,4-Dioxane	9.504	88	61920	367.400	ug/l	93
46) Methyl methacrylate	9.498	41	110116	17.421	ug/l	81
47) n-amyl Acetate	12.327	43	197959	17.567	ug/l	93
48) t-1,3-Dichloropropene	10.657	75	158900	18.378	ug/l	100
49) cis-1,3-Dichloropropene	10.128	75	180346	18.785	ug/l #	83
50) 1,1,2-Trichloroethane	10.839	97	119250	18.527	ug/l	98
51) Ethyl methacrylate	10.704	69	177517	18.344	ug/l	79
52) 1,3-Dichloropropane	10.986	76	196114	18.076	ug/l	99
53) Dibromochloromethane	11.175	129	131512	20.161	ug/l	100
54) 1,2-Dibromoethane	11.286	107	124189	18.932	ug/l	97
55) 2-Chloroethyl vinyl ether	9.981	63	460451	106.089	ug/l	98
56) Bromoform	12.398	173	106807	20.836	ug/l #	100
58) 4-Methyl-2-Pentanone	10.269	43	890976	91.868	ug/l	93
59) 2-Hexanone	11.028	43	687049	91.974	ug/l	92
61) Tetrachloroethene	10.916	164	108580	18.899	ug/l	88
62) Toluene	10.439	91	499820	19.163	ug/l	98
64) Chlorobenzene	11.710	112	310590	19.930	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.780	131	121869	21.067	ug/l	100
66) Ethyl Benzene	11.786	91	531888	19.074	ug/l	98
67) m/p-Xylenes	11.892	106	422821	39.672	ug/l	96
68) o-Xylene	12.222	106	207393	19.591	ug/l	96
69) Styrene	12.233	104	344021	19.717	ug/l	95
70) Isopropylbenzene	12.516	105	531217	19.628	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.769	83	187578	19.711	ug/l	99
72) 1,2,3-Trichloropropane	12.822	75	129186m	16.254	ug/l	
73) Bromobenzene	12.798	156	135454	20.148	ug/l	95
74) n-propylbenzene	12.857	91	604921	19.206	ug/l	98
75) 2-Chlorotoluene	12.945	91	366590	19.416	ug/l	98
76) 1,3,5-Trimethylbenzene	12.998	105	449871	19.845	ug/l	94
77) t-1,4-Dichloro-2-butene	12.569	75	55465	19.149	ug/l	92
78) 4-Chlorotoluene	13.045	91	360230	19.861	ug/l	99
79) tert-butylbenzene	13.263	119	401285	20.475	ug/l	91
80) 1,2,4-Trimethylbenzene	13.304	105	443727m	19.761	ug/l	
81) sec-Butylbenzene	13.439	105	540703	19.214	ug/l	96
82) p-Isopropyltoluene	13.557	119	462978	20.039	ug/l	95
83) 1,3-Dichlorobenzene	13.551	146	248235	20.171	ug/l	98
84) 1,4-Dichlorobenzene	13.633	146	244321	20.581	ug/l	96
85) n-Butylbenzene	13.880	91	358767	19.156	ug/l	96
86) Hexachloroethane	14.151	117	86983	20.529	ug/l	72
87) 1,2-Dichlorobenzene	13.927	146	254056	20.419	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.539	75	43558	20.955	ug/l #	76
89) 1,2,4-Trichlorobenzene	15.198	180	152087	22.209	ug/l	95
90) Hexachlorobutadiene	15.298	225	79257	22.852	ug/l	97
91) Naphthalene	15.433	128	489540	21.772	ug/l	99
92) 1,2,3-Trichlorobenzene	15.627	180	155827	22.152	ug/l	97

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

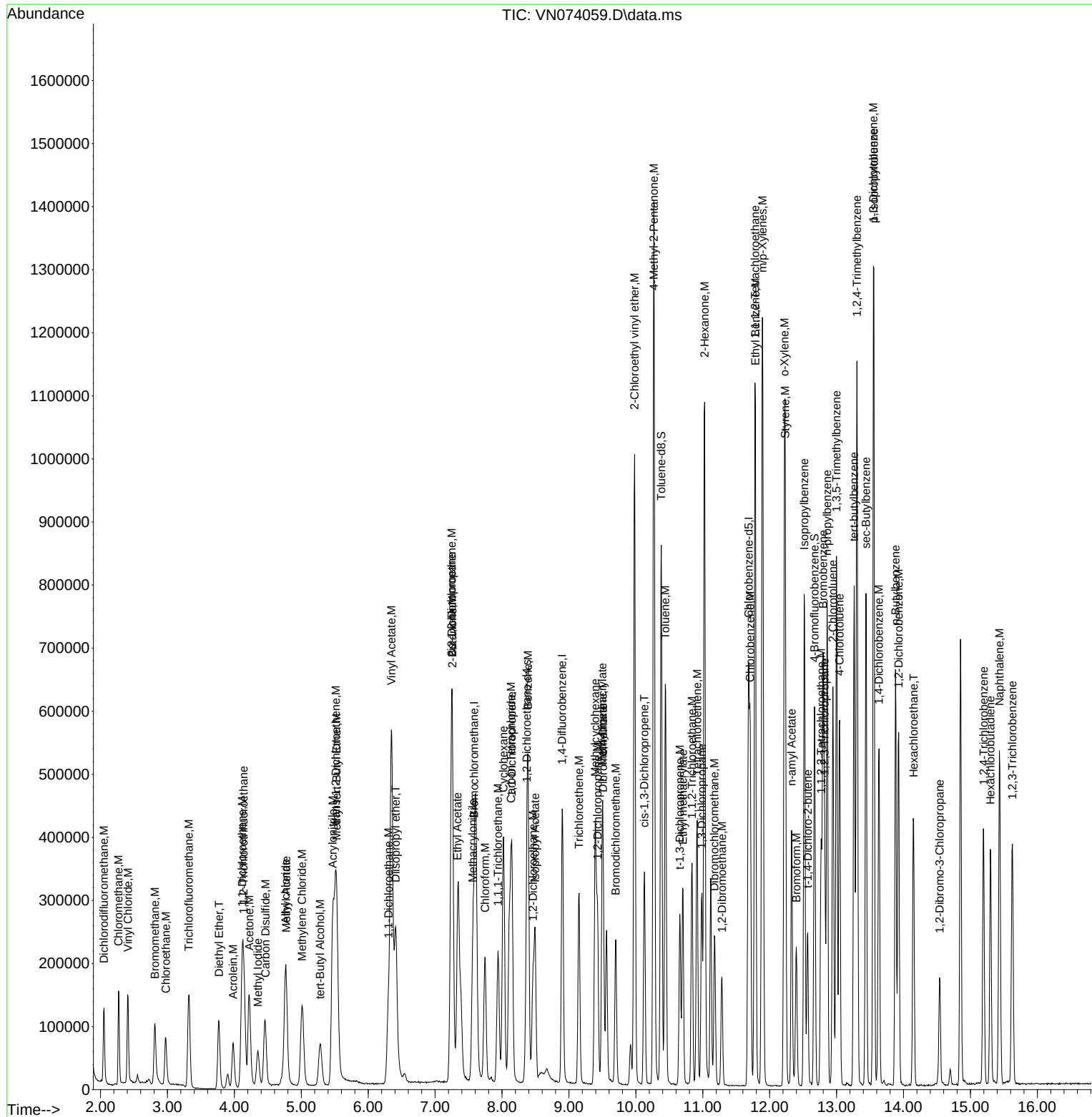
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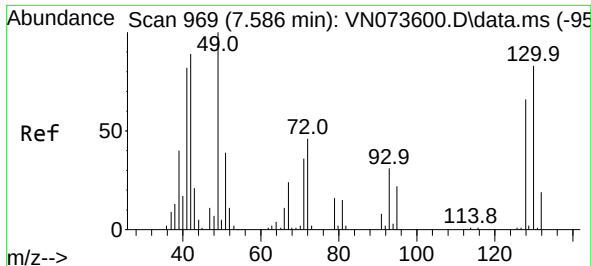
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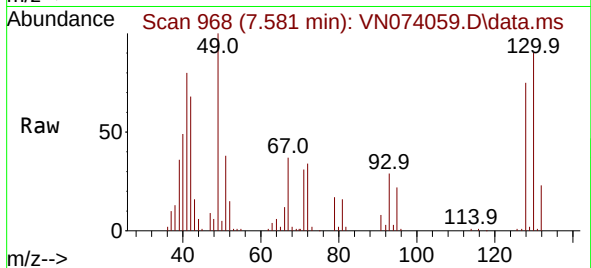
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.581 min Scan# 90
Delta R.T. -0.005 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

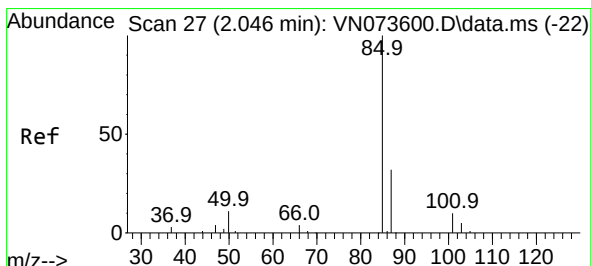
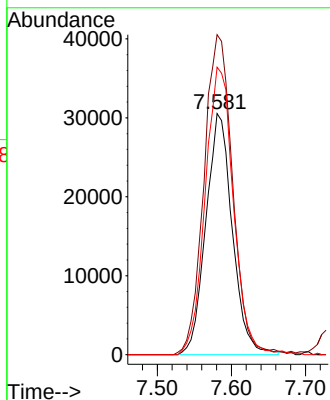
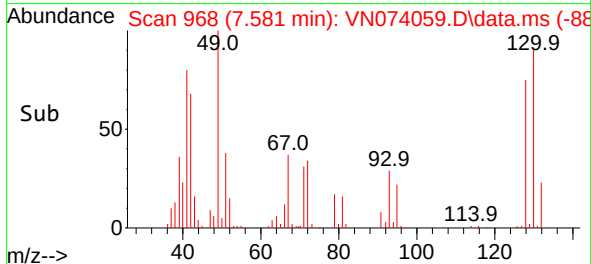
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 7566
Ion Ratio Lower Upper
128 100
49 143.3 0.0 392.3
130 127.1 0.0 320.2

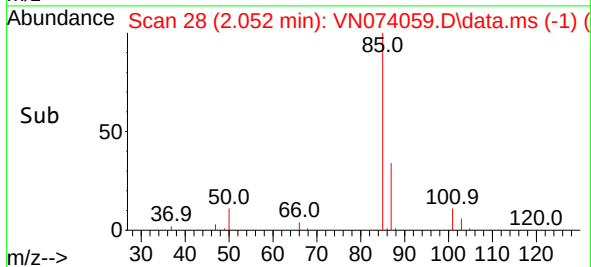
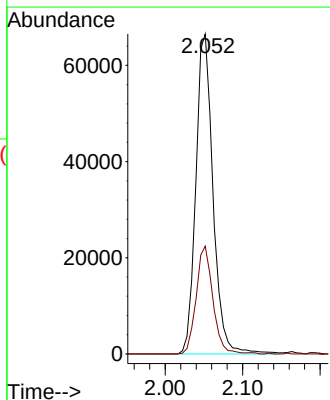
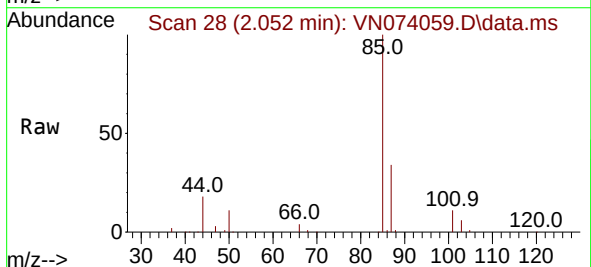
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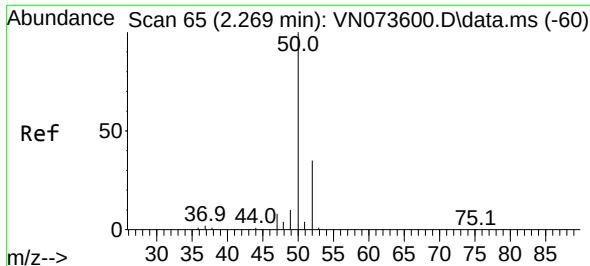
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#2
Dichlorodifluoromethane
Concen: 19.938 ug/l
RT: 2.052 min Scan# 28
Delta R.T. 0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

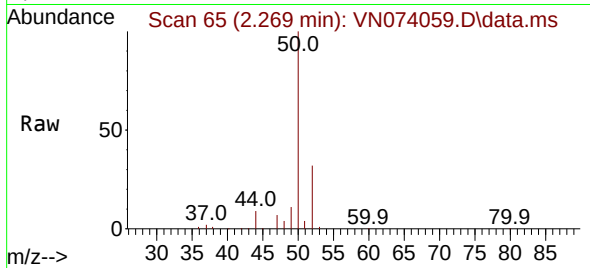
Tgt Ion: 85 Resp: 102536
Ion Ratio Lower Upper
85 100
87 33.7 16.6 49.7





#3
Chloromethane
Concen: 17.860 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

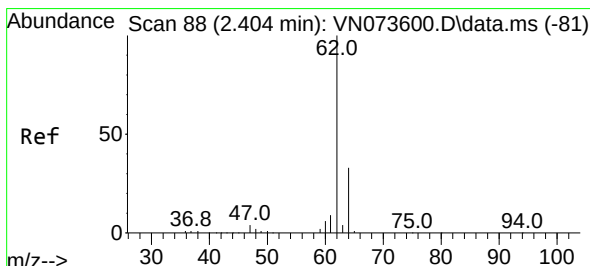
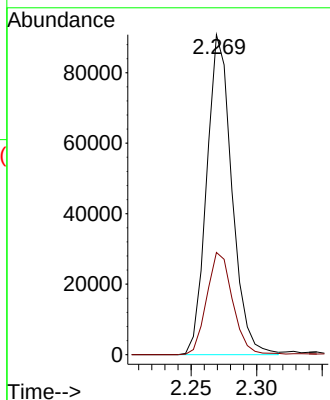
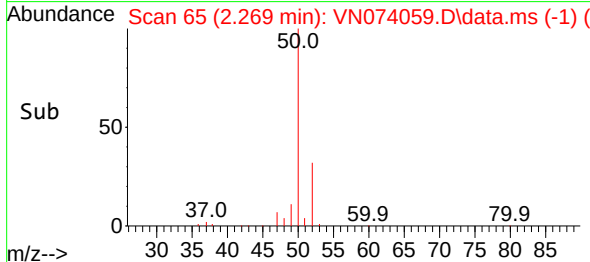
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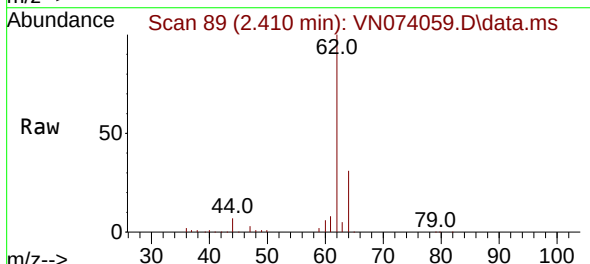
Tgt Ion: 50 Resp: 12143
Ion Ratio Lower Upper
50 100
52 31.9 27.8 41.6

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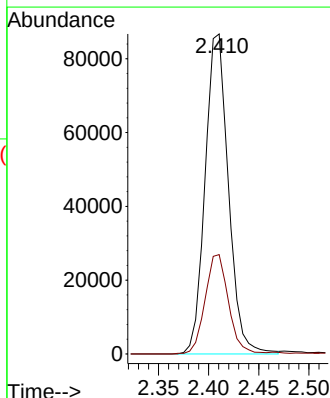
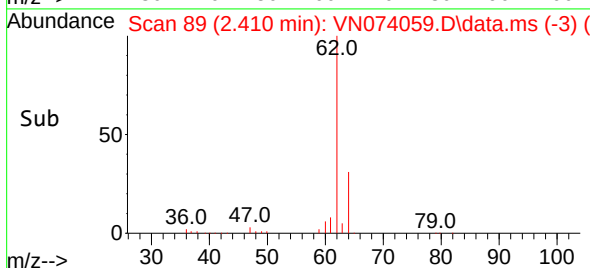
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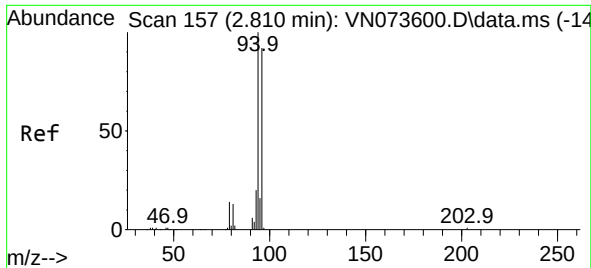


#4
Vinyl Chloride
Concen: 16.798 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



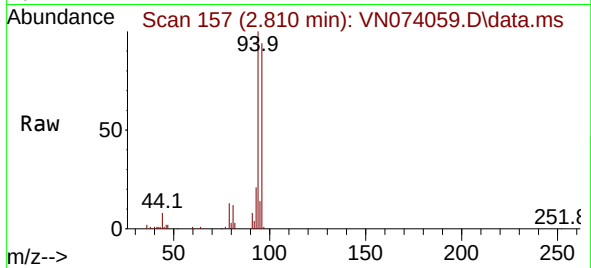
Tgt Ion: 62 Resp: 140186
Ion Ratio Lower Upper
62 100
64 30.8 25.1 37.7





#5
Bromomethane
Concen: 19.146 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

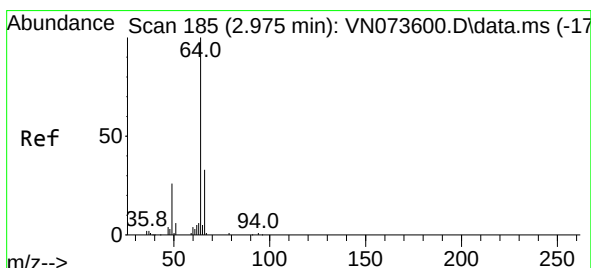
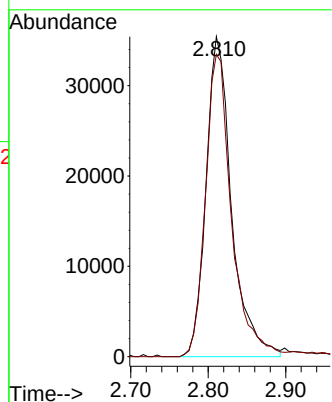
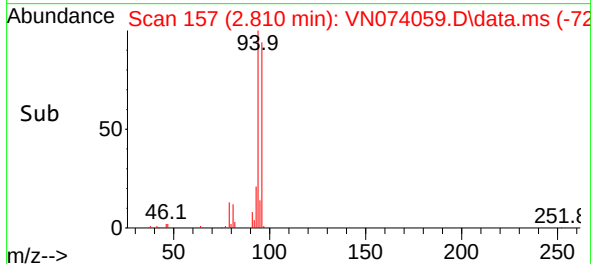
Instrument :
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ClientSampleId :
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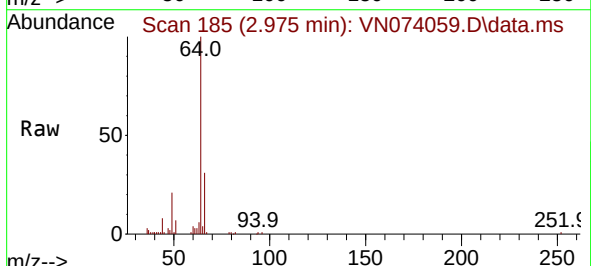
Tgt Ion: 94 Resp: 81172
Ion Ratio Lower Upper
94 100
96 94.5 75.2 112.8

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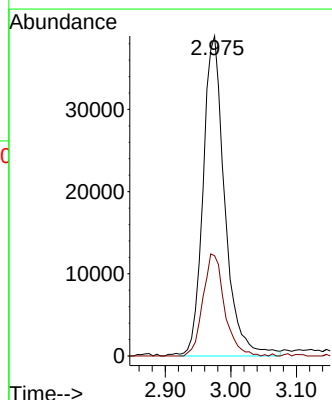
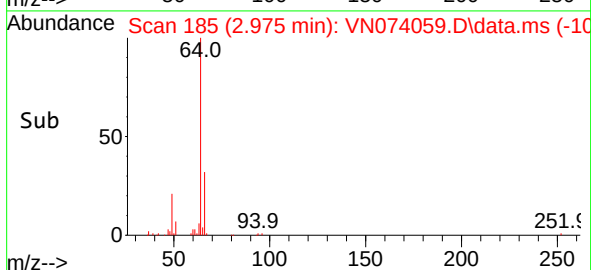
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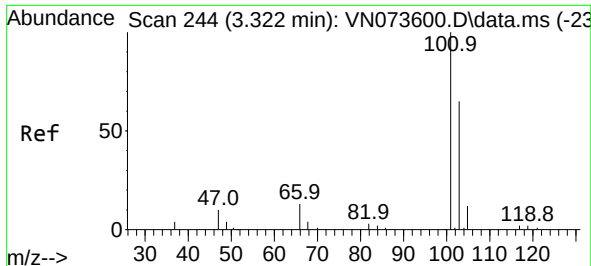


#6
Chloroethane
Concen: 15.841 ug/l
RT: 2.975 min Scan# 185
Delta R.T. 0.000 min
Lab File: VN074059.D
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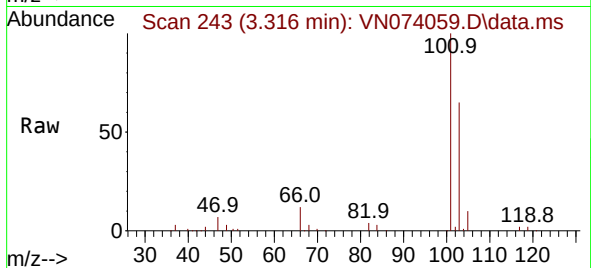
Tgt Ion: 64 Resp: 89566
Ion Ratio Lower Upper
64 100
66 31.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 20.410 ug/l
 RT: 3.316 min Scan# 244
 Delta R.T. -0.006 min
 Lab File: VN074059.D
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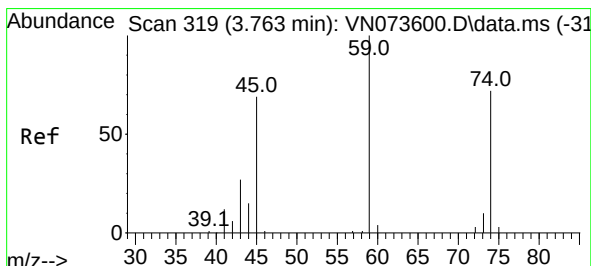
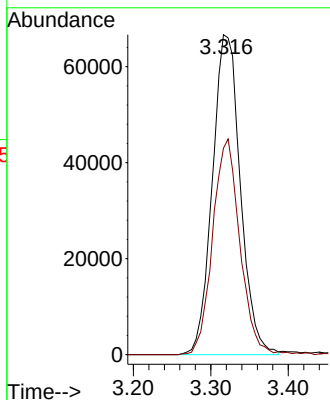
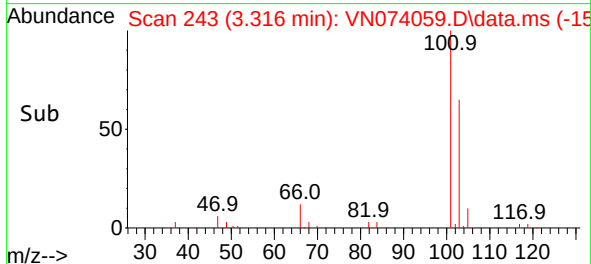
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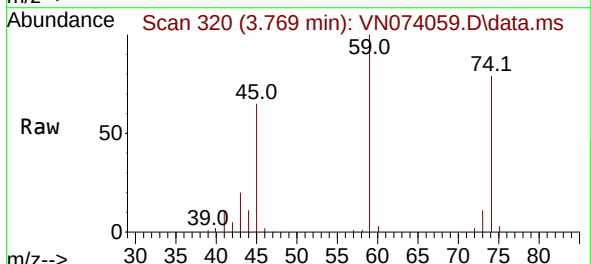
Tgt Ion:101 Resp: 167530
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.1 75.1

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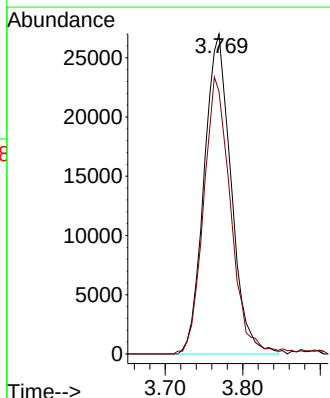
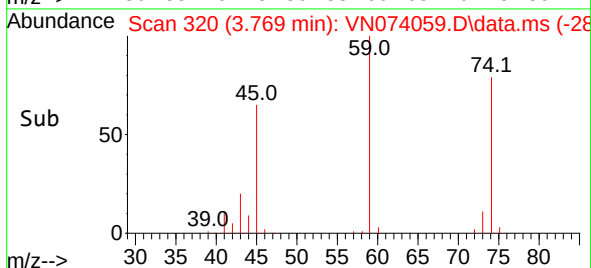
Reviewed By :Krupa Patel 08/24/2022
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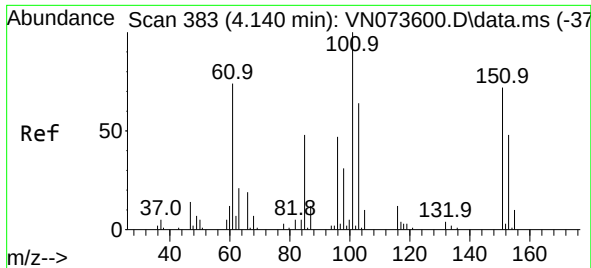


#8
 Diethyl Ether
 Concen: 19.789 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 65362
 Ion Ratio Lower Upper
 74 100
 45 85.7 17.6 158.8





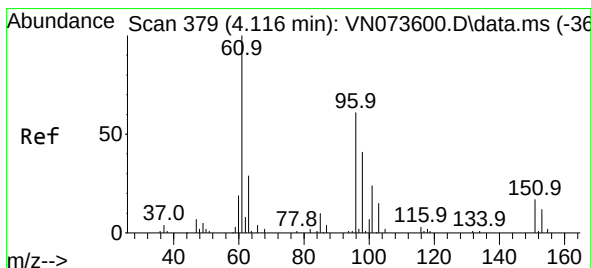
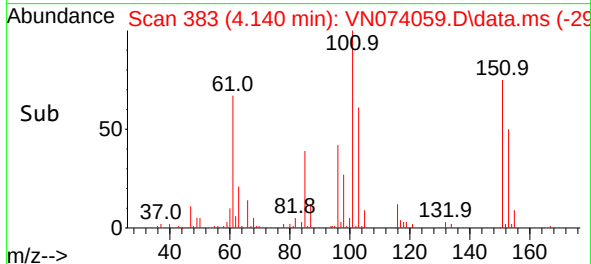
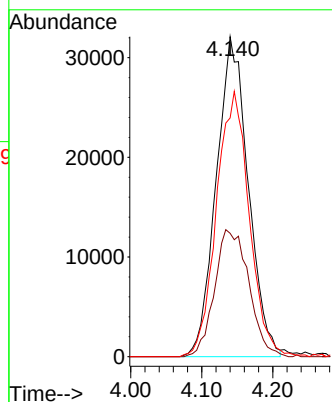
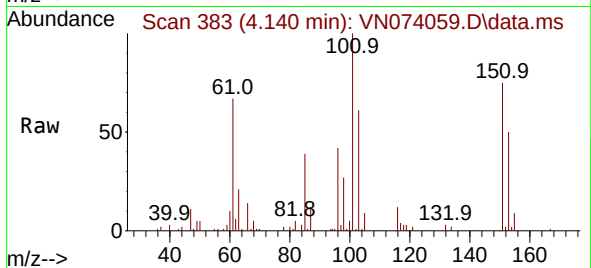
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.267 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 10029
Ion Ratio Lower Upper
101 100
85 25.4 0.0 94.0
151 84.9 0.0 74.6

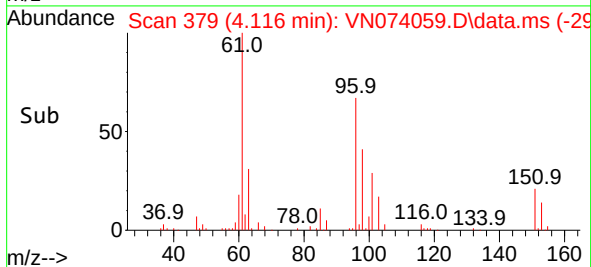
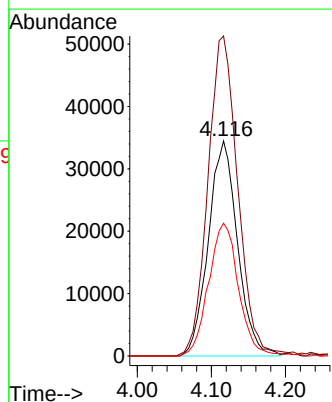
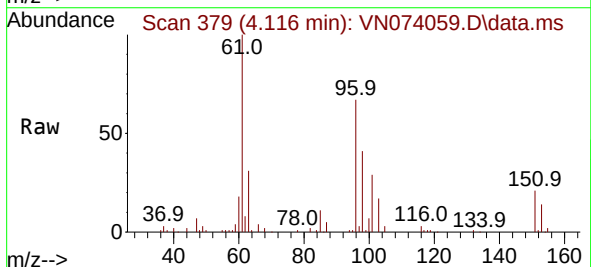
Manual Integrations
APPROVED

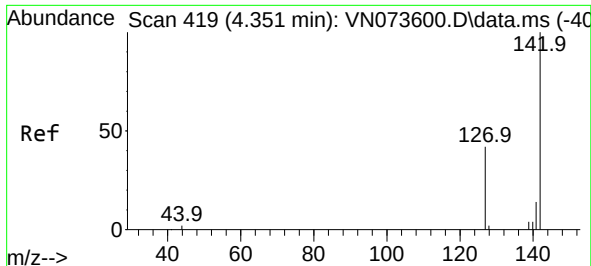
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#10
1,1-Dichloroethene
Concen: 19.916 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

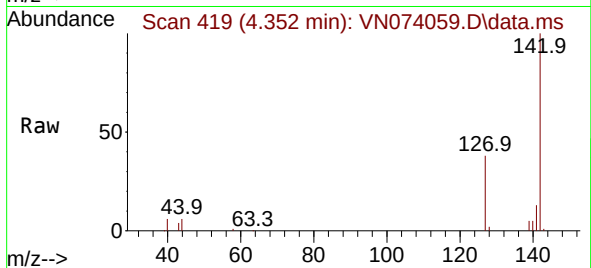
Tgt Ion: 96 Resp: 94338
Ion Ratio Lower Upper
96 100
61 148.0 126.2 189.4
98 61.7 50.9 76.3





#11
Methyl Iodide
Concen: 18.435 ug/l
RT: 4.352 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

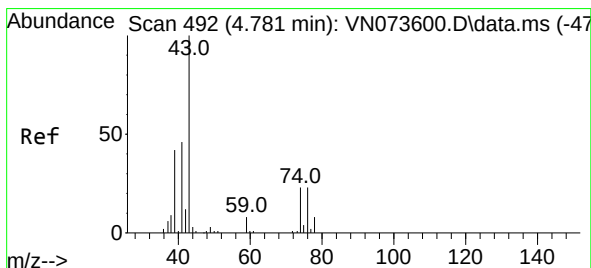
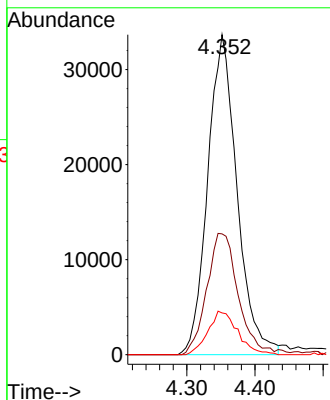
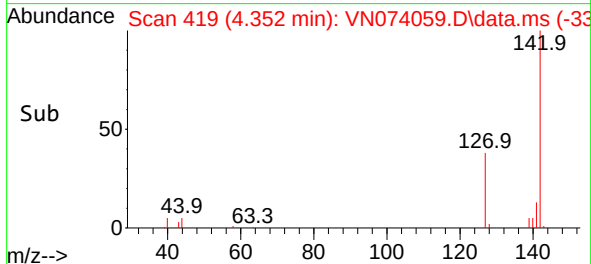
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC020



Tgt Ion:142 Resp: 10072
Ion Ratio Lower Upper
142 100
127 37.5 24.0 72.0
141 13.2 8.4 25.2

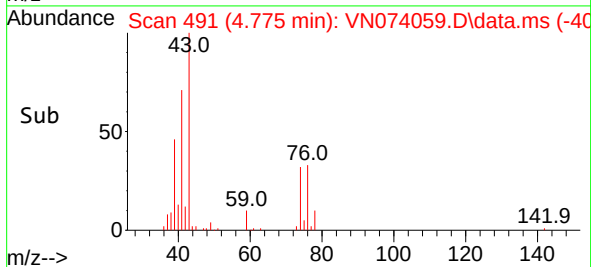
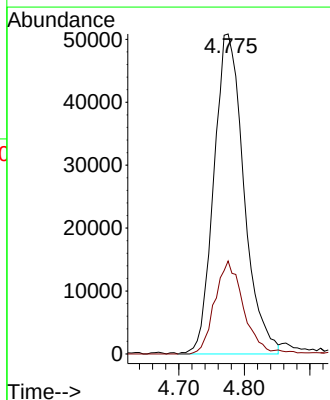
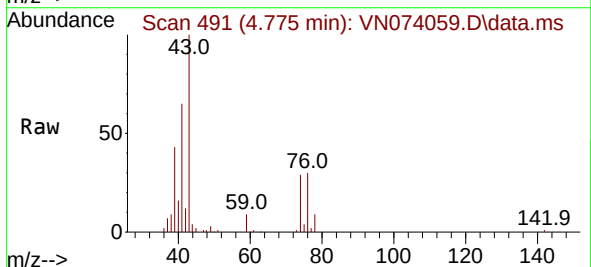
Manual Integrations
APPROVED

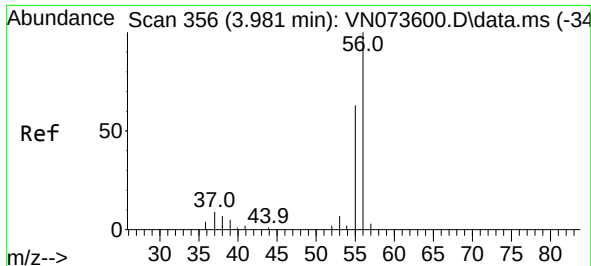
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#12
Methyl Acetate
Concen: 20.078 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

Tgt Ion: 43 Resp: 161630
Ion Ratio Lower Upper
43 100
74 28.8 20.8 31.2





#13

Acrolein

Concen: 63.265 ug/l

RT: 3.981 min Scan# 3

Delta R.T. 0.000 min

Lab File: VN074059.D

Acq: 23 Aug 2022 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 56 Resp: 8953

Ion Ratio Lower Upper

56 100

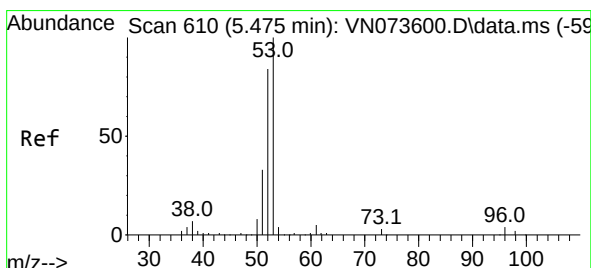
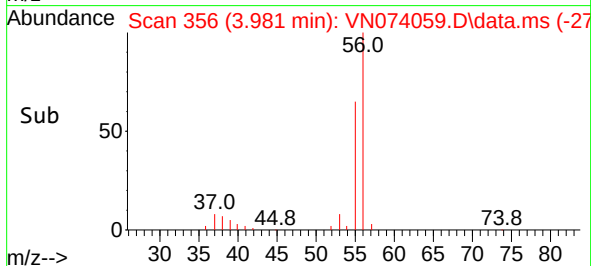
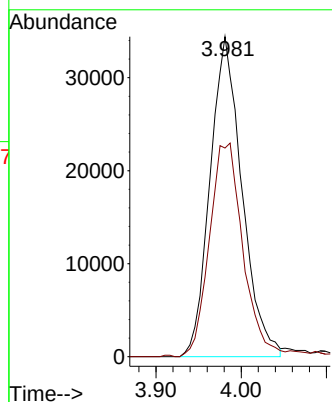
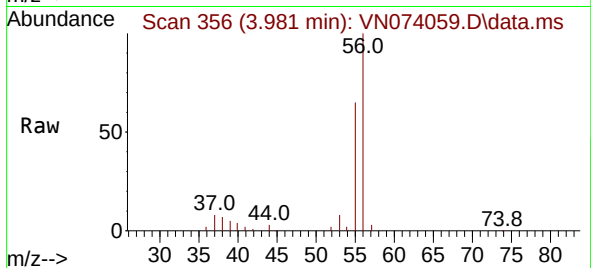
55 69.8 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#14

Acrylonitrile

Concen: 95.827 ug/l

RT: 5.469 min Scan# 609

Delta R.T. -0.006 min

Lab File: VN074059.D

Acq: 23 Aug 2022 10:20

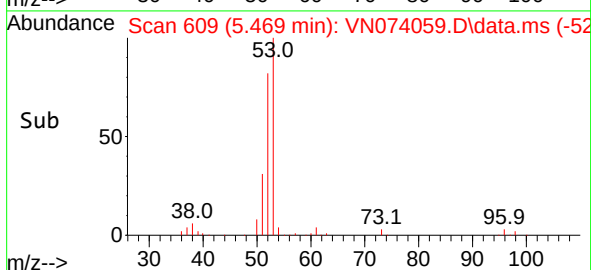
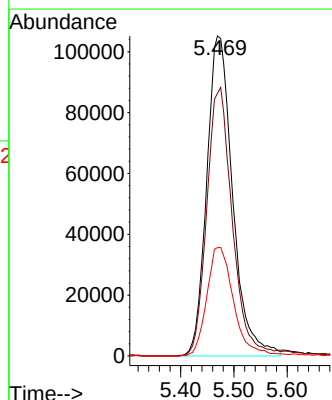
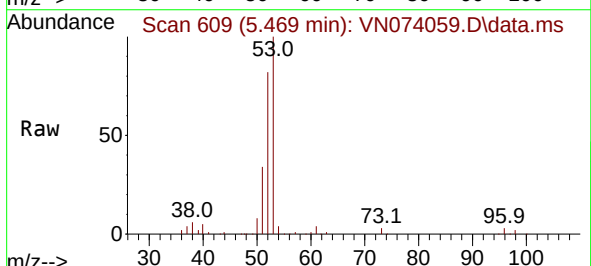
Tgt Ion: 53 Resp: 356035

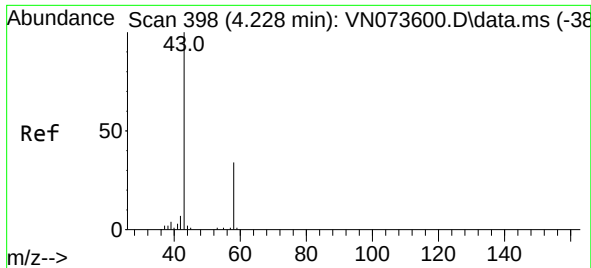
Ion Ratio Lower Upper

53 100

52 81.9 41.8 125.4

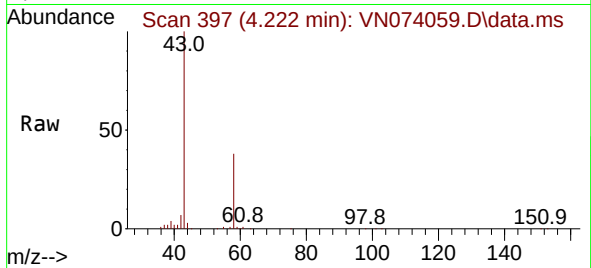
51 34.7 19.0 57.0





#15
Acetone
Concen: 89.553 ug/l
RT: 4.222 min Scan# 398
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

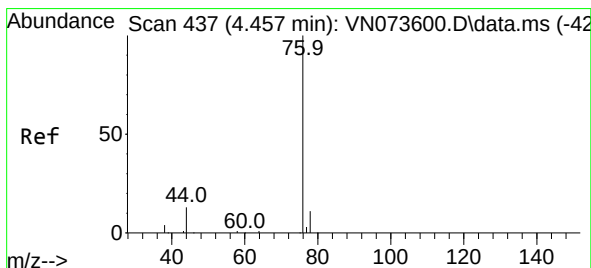
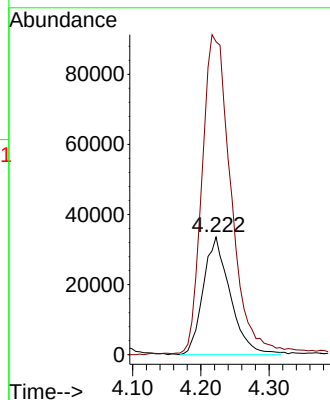
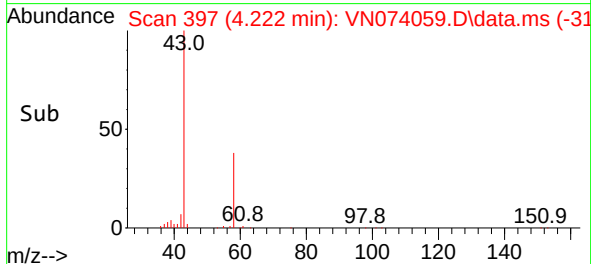
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC020



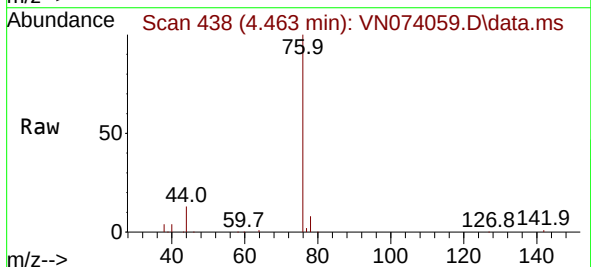
Tgt Ion: 58 Resp: 92499
Ion Ratio Lower Upper
58 100
43 264.7 256.6 384.8

Manual Integrations
APPROVED

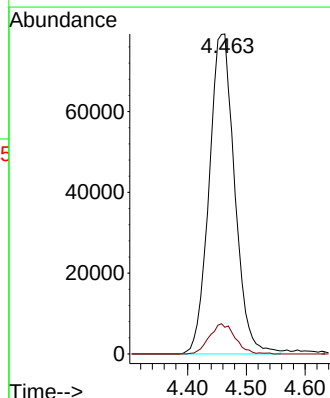
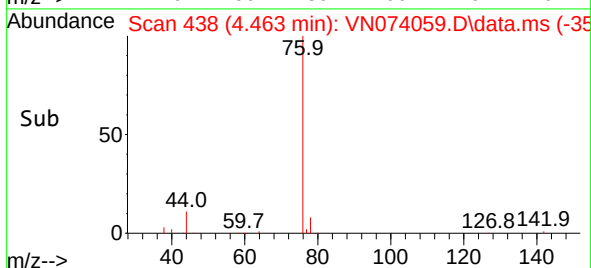
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

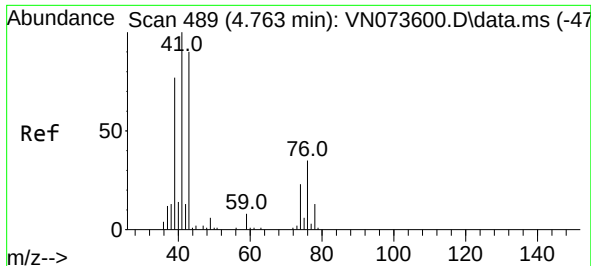


#16
Carbon Disulfide
Concen: 18.445 ug/l
RT: 4.463 min Scan# 438
Delta R.T. 0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



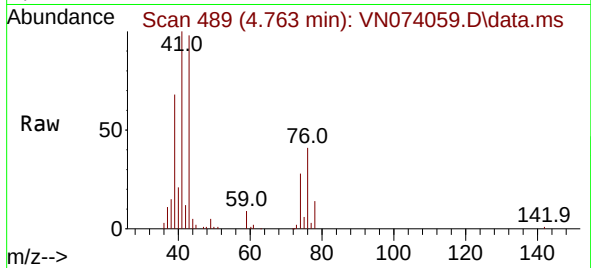
Tgt Ion: 76 Resp: 238756
Ion Ratio Lower Upper
76 100
78 8.3 7.8 11.8





#17
Allyl chloride
Concen: 19.183 ug/l
RT: 4.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

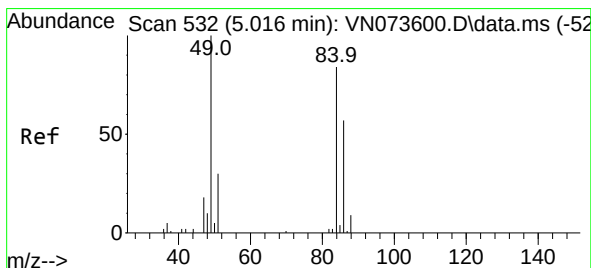
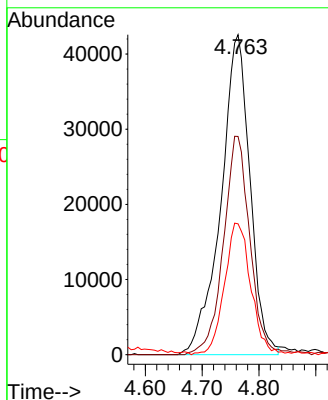
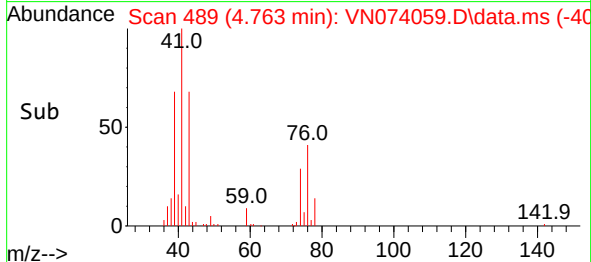
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 151562
Ion Ratio Lower Upper
41 100
39 68.2 44.6 134.0
76 40.3 19.6 58.7

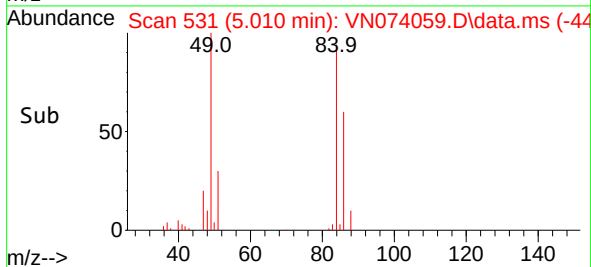
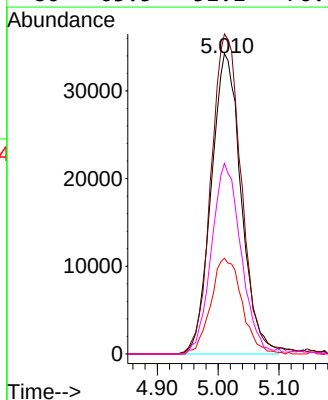
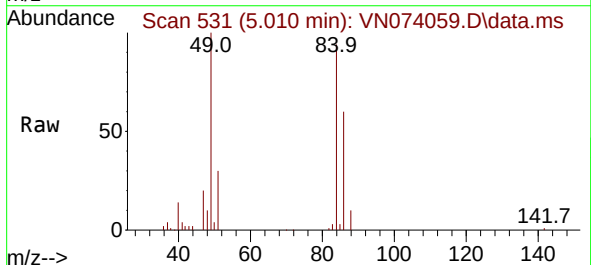
Manual Integrations
APPROVED

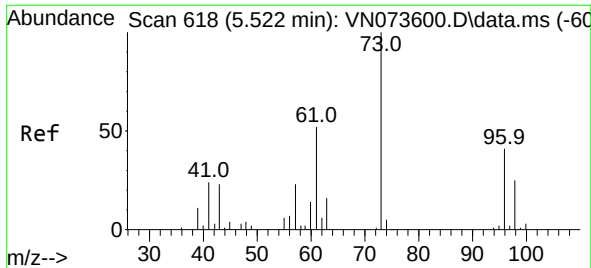
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#18
Methylene Chloride
Concen: 19.489 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

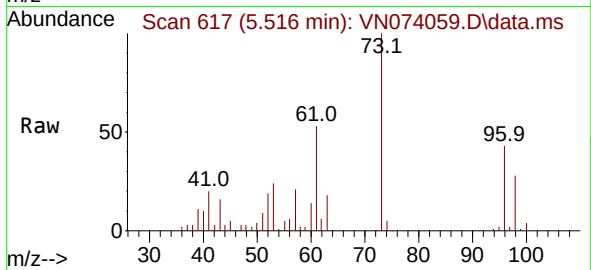
Tgt Ion: 84 Resp: 116976
Ion Ratio Lower Upper
84 100
49 106.6 91.4 137.0
51 31.9 29.4 44.0
86 63.5 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 19.479 ug/l
RT: 5.516 min Scan# 618
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

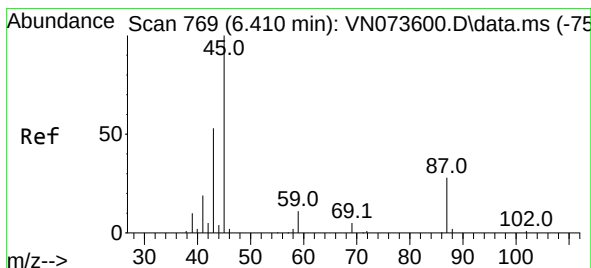
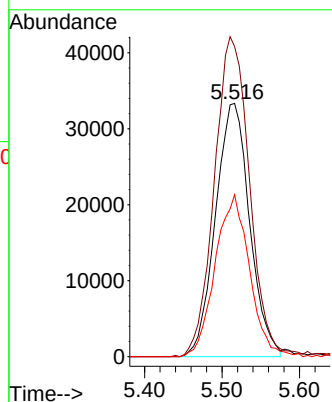
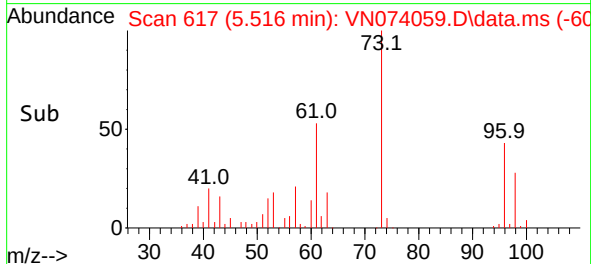
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 10230
Ion Ratio Lower Upper
96 100
61 122.4 102.8 154.2
98 63.9 49.3 73.9

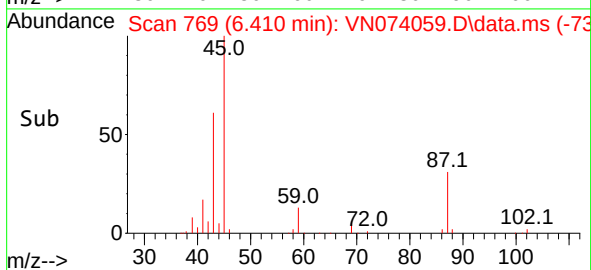
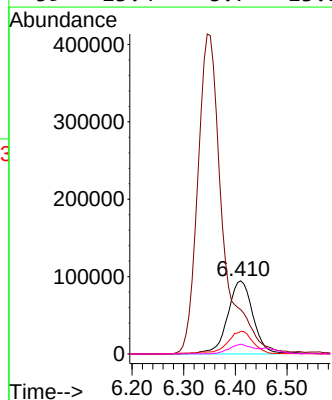
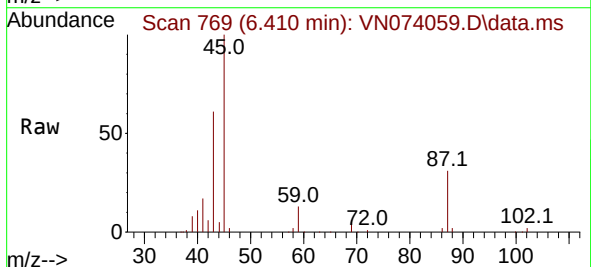
Manual Integrations
APPROVED

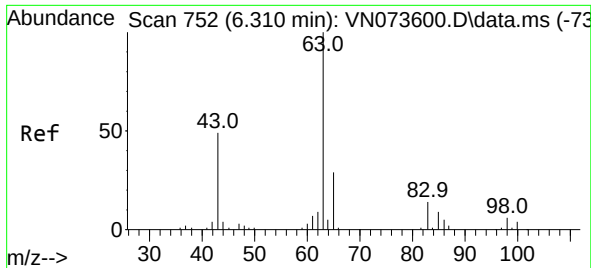
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#20
Diisopropyl ether
Concen: 18.614 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

Tgt Ion: 45 Resp: 319921
Ion Ratio Lower Upper
45 100
43 56.4 51.0 76.4
87 30.2 25.0 37.4
59 13.4 8.7 13.1#





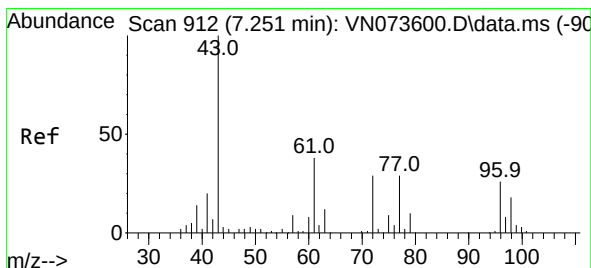
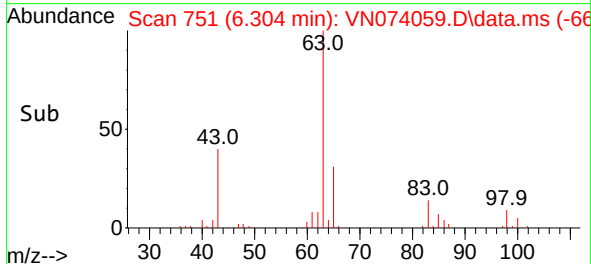
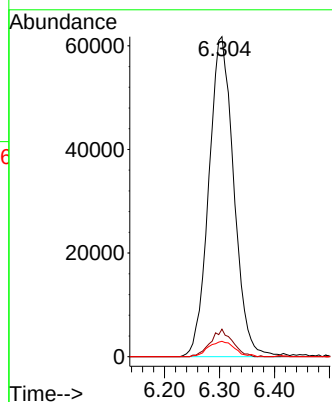
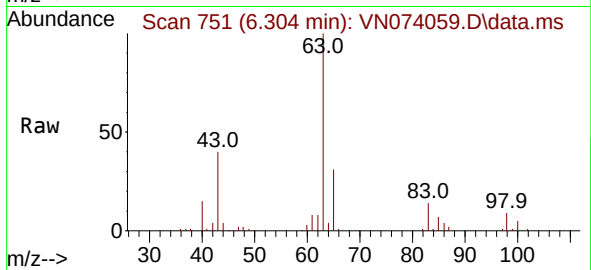
#21
1,1-Dichloroethane
Concen: 19.220 ug/l
RT: 6.304 min Scan# 751
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 19493
Ion Ratio Lower Upper
63 100
98 8.6 3.2 9.6
100 4.8 2.1 6.2

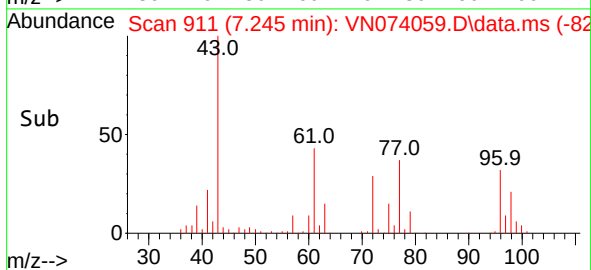
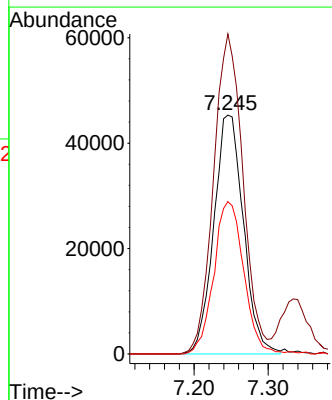
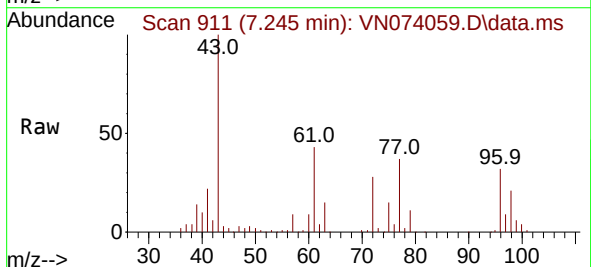
Manual Integrations
APPROVED

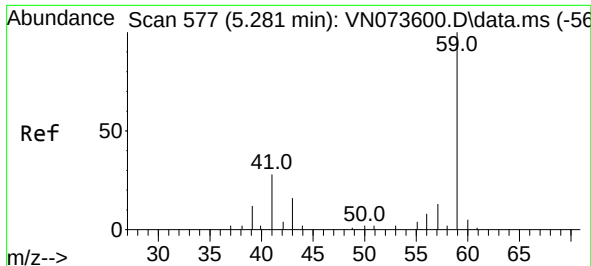
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#22
cis-1,2-Dichloroethene
Concen: 19.903 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

Tgt Ion: 96 Resp: 125746
Ion Ratio Lower Upper
96 100
61 132.9 115.7 173.5
98 64.3 51.6 77.4





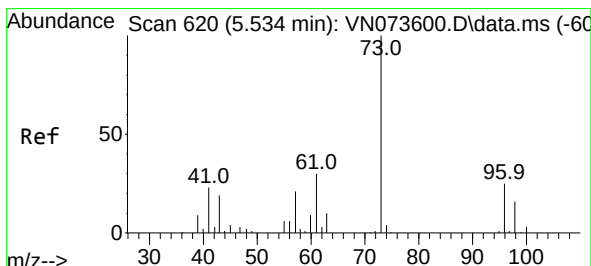
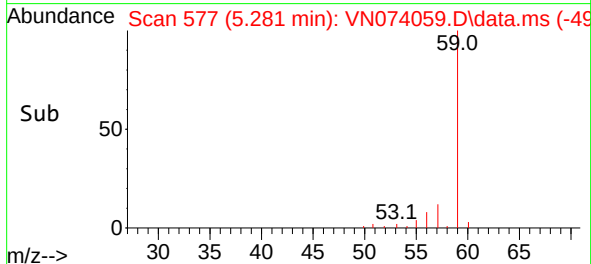
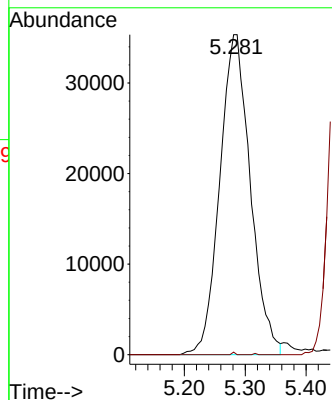
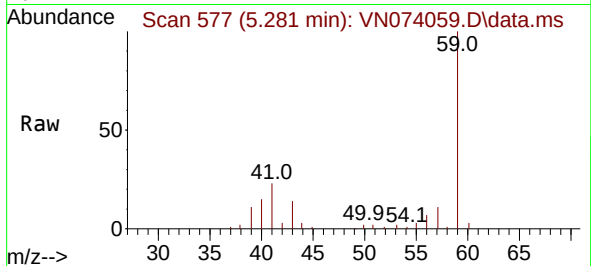
#23
tert-Butyl Alcohol
Concen: 93.909 ug/l
RT: 5.281 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 123300
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

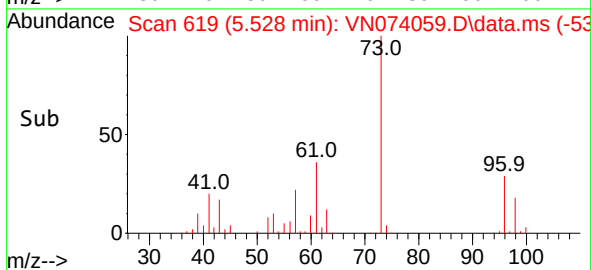
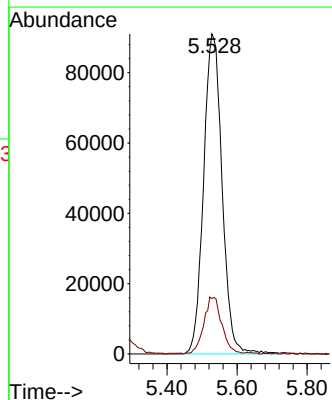
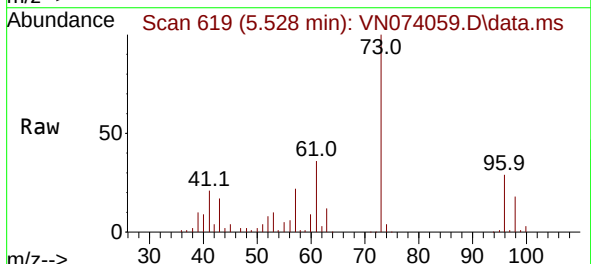
Manual Integrations
APPROVED

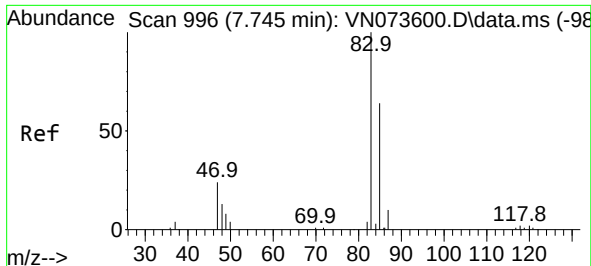
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#24
Methyl tert-Butyl Ether
Concen: 19.987 ug/l m
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

Tgt Ion: 73 Resp: 333647
Ion Ratio Lower Upper
73 100
43 0.0 18.1 27.1#





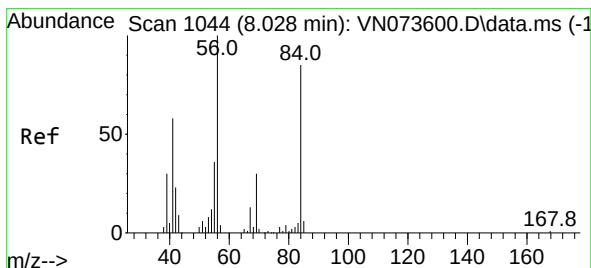
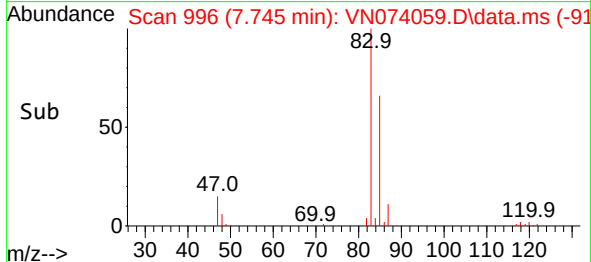
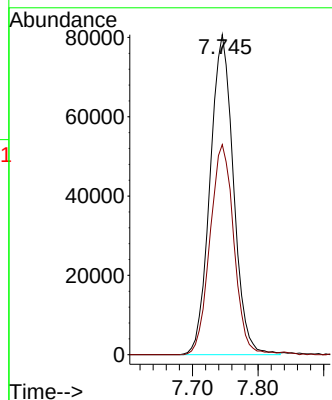
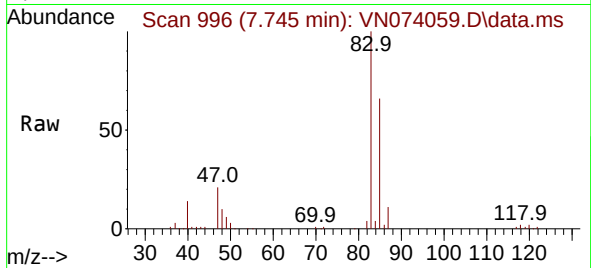
#25
Chloroform
Concen: 19.111 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 20006
Ion Ratio Lower Upper
83 100
85 65.6 51.3 76.9

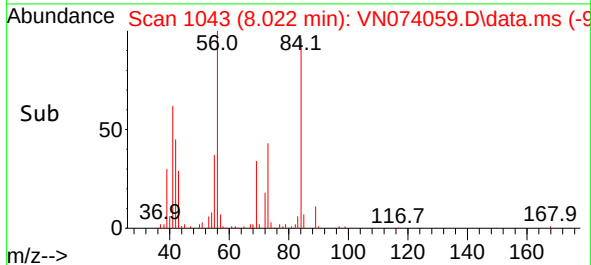
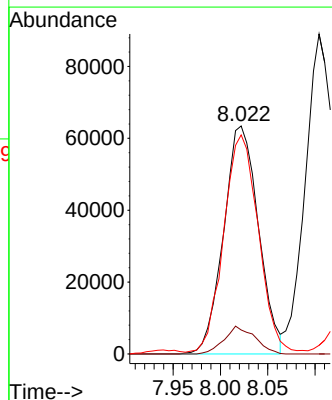
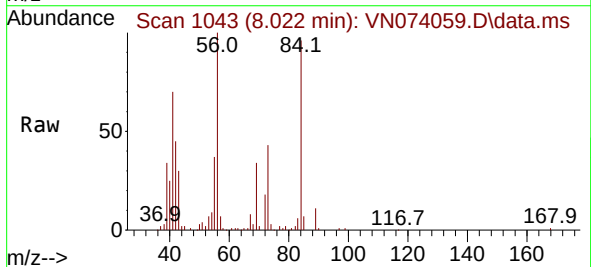
Manual Integrations
APPROVED

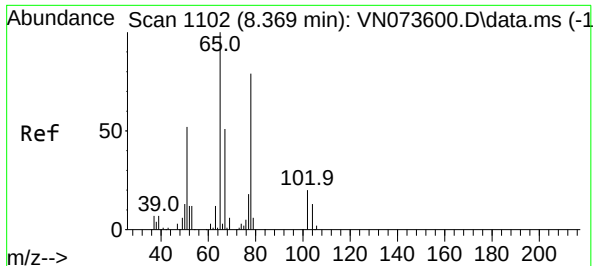
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#26
Cyclohexane
Concen: 18.570 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

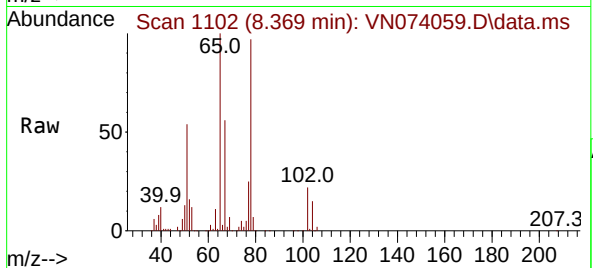
Tgt Ion: 56 Resp: 162457
Ion Ratio Lower Upper
56 100
89 10.7 0.1 0.1#
84 96.1 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 28.177 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

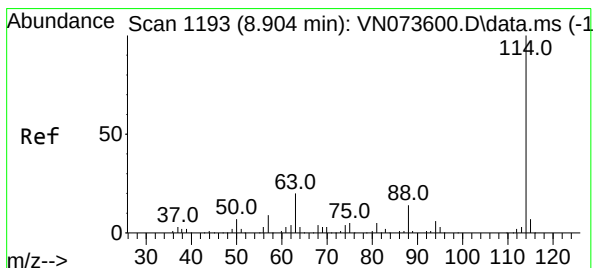
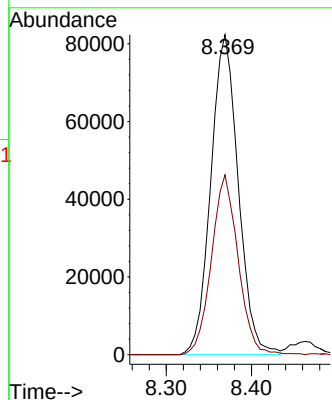
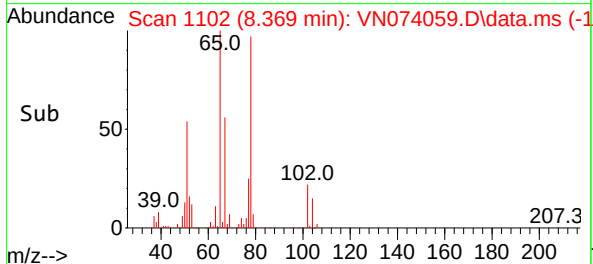
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



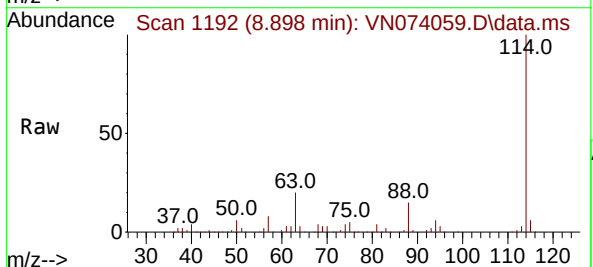
Tgt Ion: 65 Resp: 184325
Ion Ratio Lower Upper
65 100
67 54.4 40.2 60.2

Manual Integrations
APPROVED

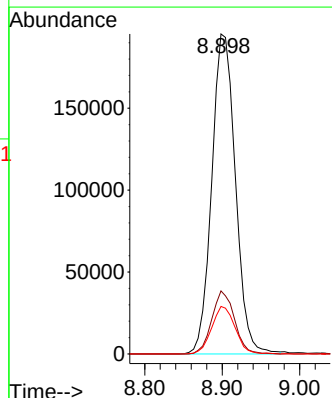
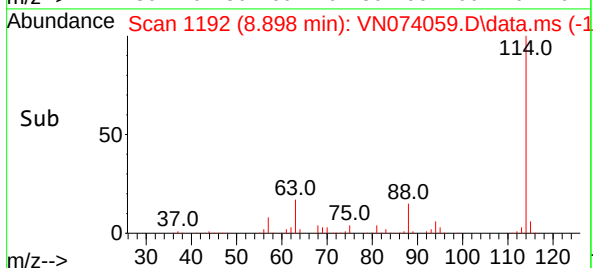
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

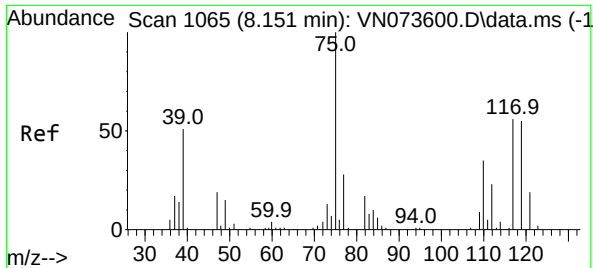


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



Tgt Ion:114 Resp: 414504
Ion Ratio Lower Upper
114 100
63 18.8 15.8 23.6
88 14.6 11.6 17.4





#29
1,1-Dichloropropene
Concen: 17.968 ug/l
RT: 8.145 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

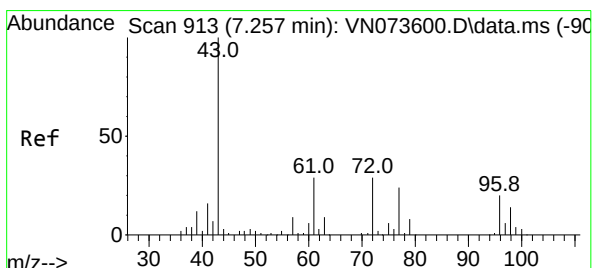
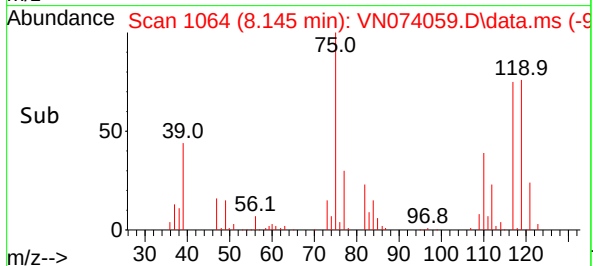
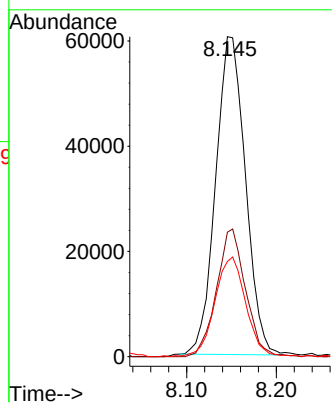
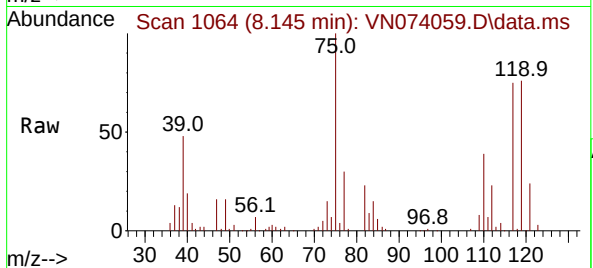
Tgt Ion: 75 Resp: 139164
Ion Ratio Lower Upper
75 100
110 38.8 0.0 74.2
77 32.6 0.0 63.2

Manual Integrations

APPROVED

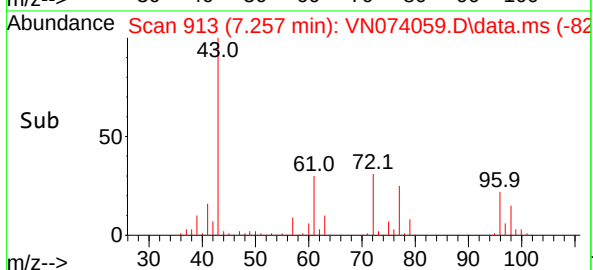
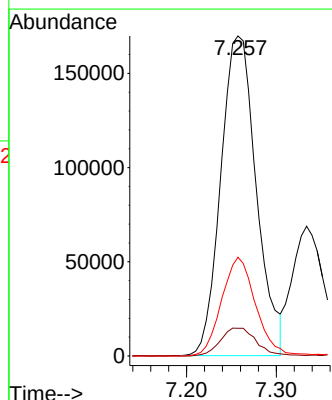
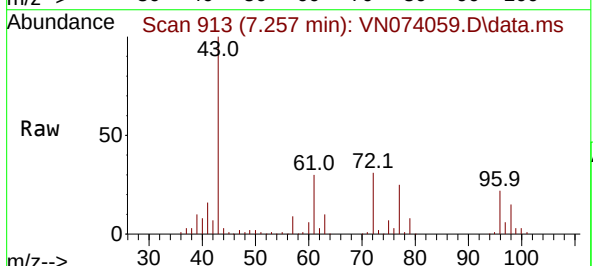
Reviewed By :Krupa Patel 08/24/2022

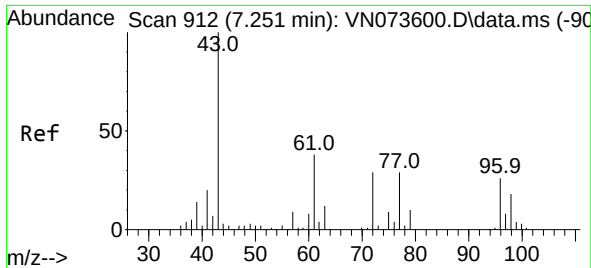
Supervised By :Mahesh Dadoda 08/24/2022



#30
2-Butanone
Concen: 87.318 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

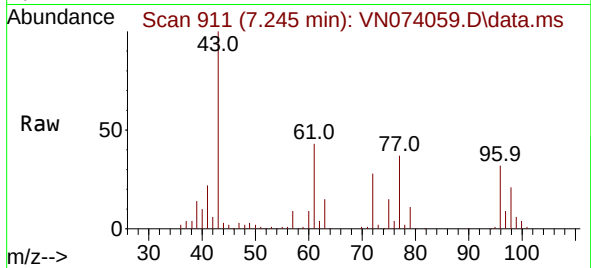
Tgt Ion: 43 Resp: 467501
Ion Ratio Lower Upper
43 100
57 8.9 6.7 10.1
72 29.6 23.2 34.8





#31
2,2-Dichloropropane
Concen: 19.181 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

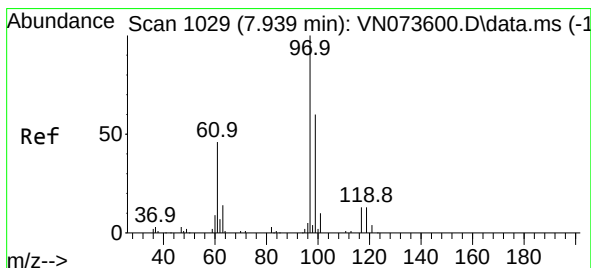
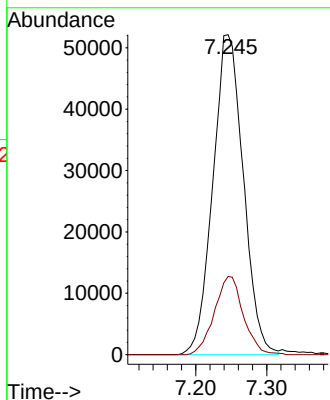
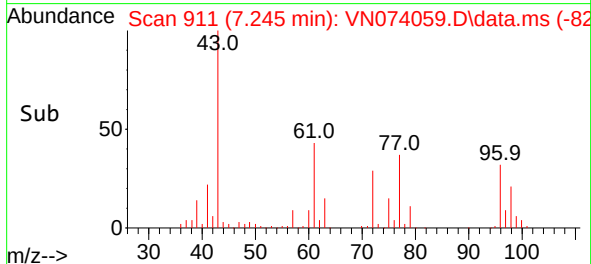
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 77 Resp: 155010
Ion Ratio Lower Upper
77 100
97 23.3 18.3 27.5

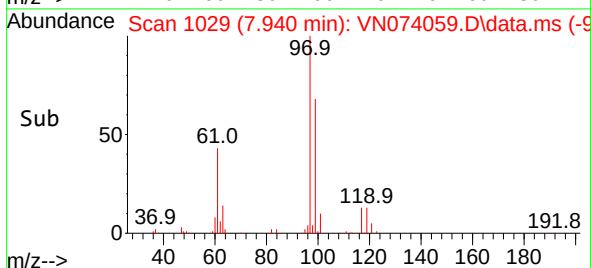
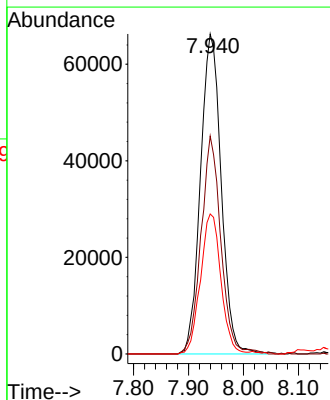
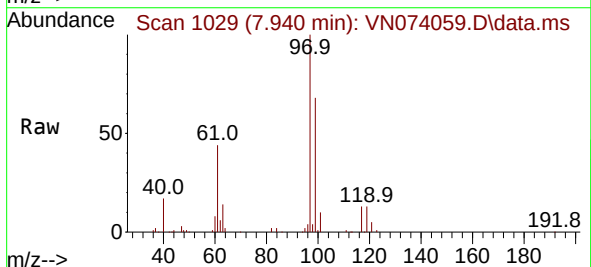
Manual Integrations
APPROVED

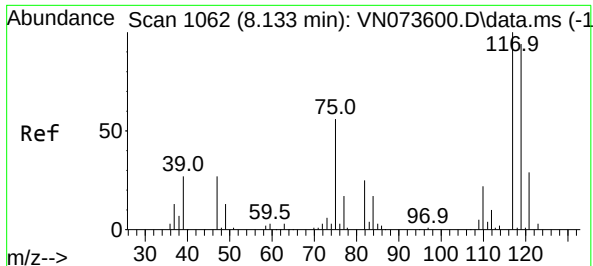
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#32
1,1,1-Trichloroethane
Concen: 19.415 ug/l
RT: 7.940 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

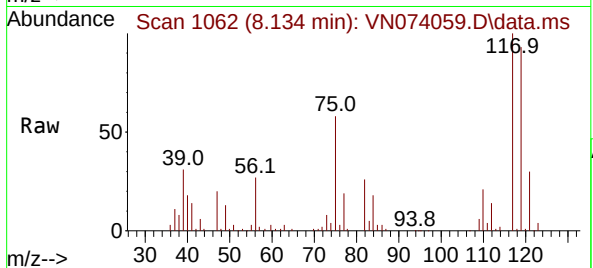
Tgt Ion: 97 Resp: 174041
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 43.0 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.101 ug/l
RT: 8.134 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

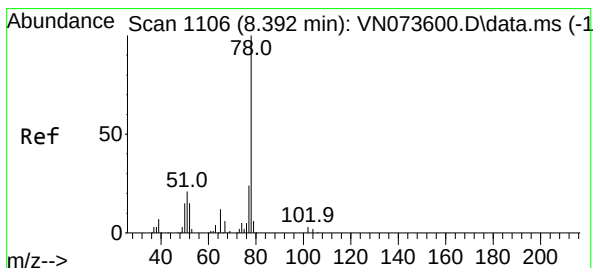
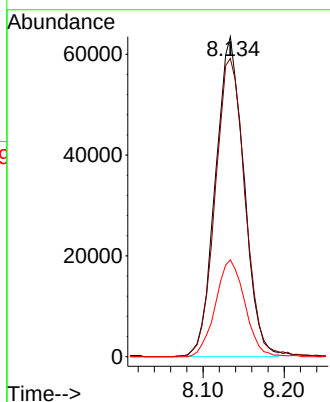
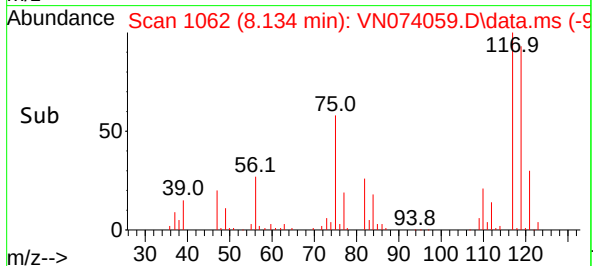
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



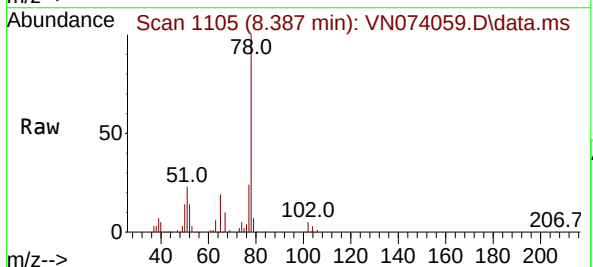
Tgt Ion:117 Resp: 154514
Ion Ratio Lower Upper
117 100
119 92.9 77.5 116.3
121 30.2 23.5 35.3

Manual Integrations
APPROVED

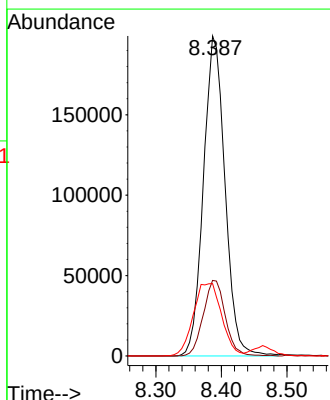
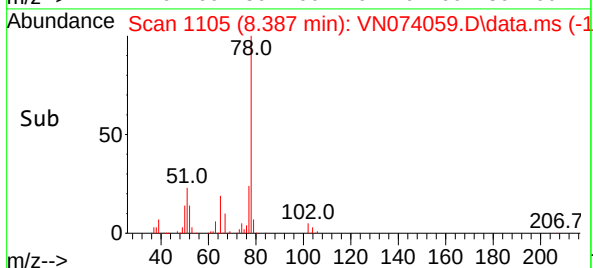
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

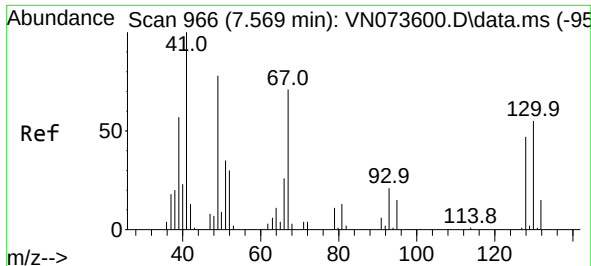


#34
Benzene
Concen: 18.181 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



Tgt Ion: 78 Resp: 455657
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7
51 21.8 16.0 24.0





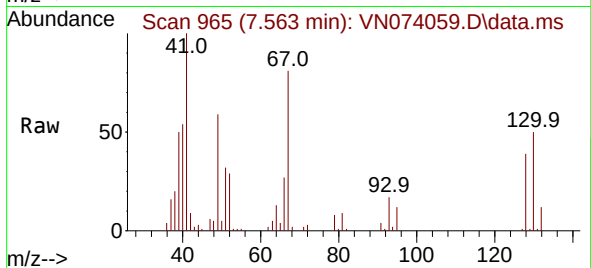
#35
Methacrylonitrile
Concen: 18.375 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



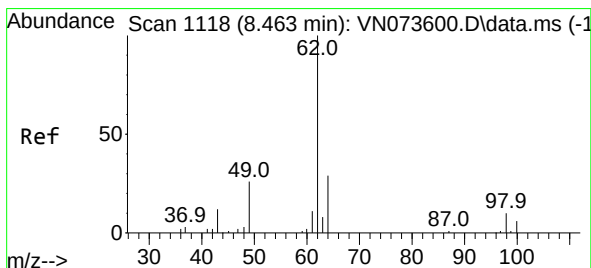
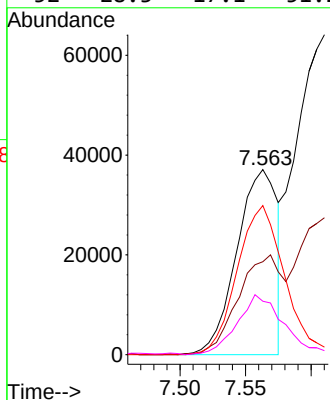
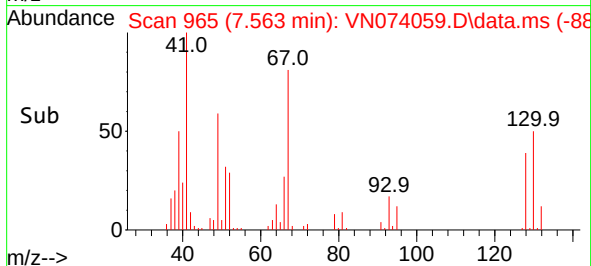
Tgt Ion: 41 Resp: 79860
Ion Ratio Lower Upper
41 100
39 50.2 28.0 83.9
67 80.5 37.7 113.1
52 28.3 17.1 51.2

Manual Integrations

APPROVED

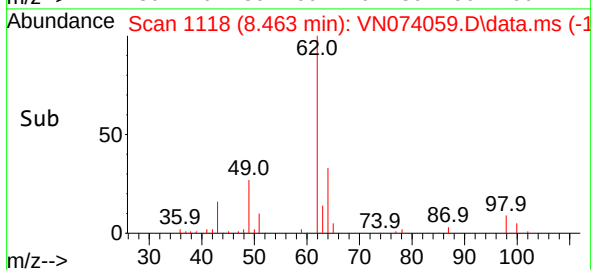
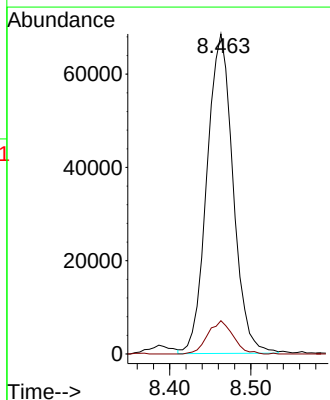
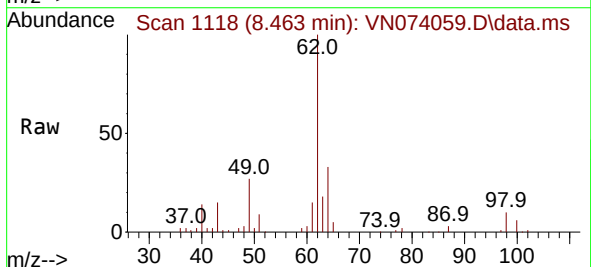
Reviewed By :Krupa Patel 08/24/2022

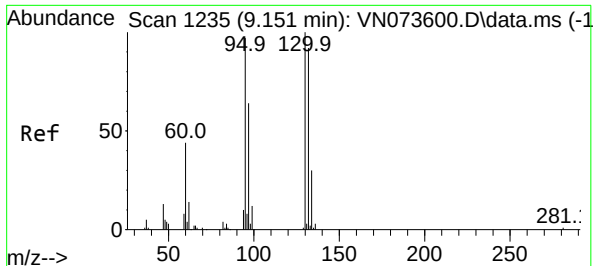
Supervised By :Mahesh Dadoda 08/24/2022



#36
1,2-Dichloroethane
Concen: 18.572 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

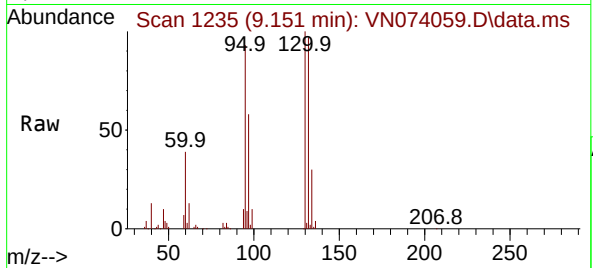
Tgt Ion: 62 Resp: 153490
Ion Ratio Lower Upper
62 100
98 10.1 6.6 10.0#





#37
Trichloroethene
Concen: 19.449 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

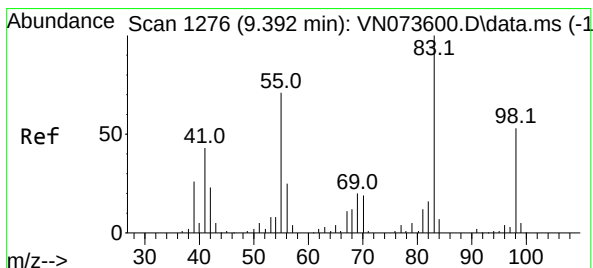
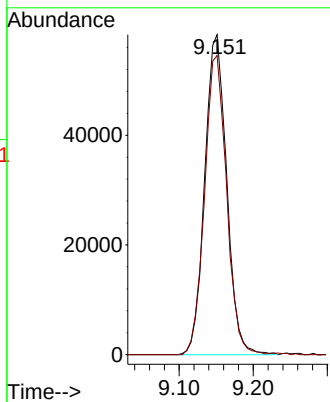
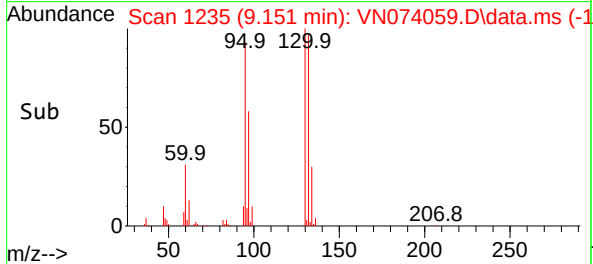
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



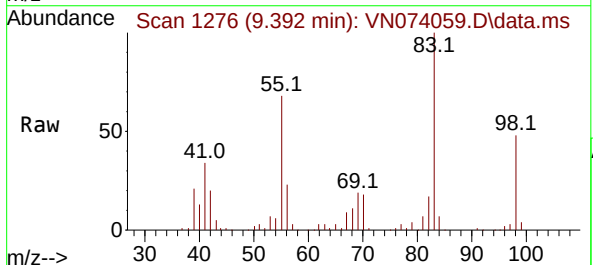
Tgt Ion:130 Resp: 11991
Ion Ratio Lower Upper
130 100
95 93.5 76.6 115.0

Manual Integrations
APPROVED

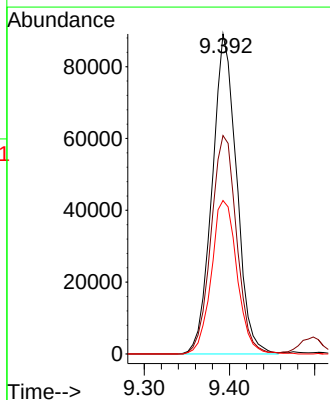
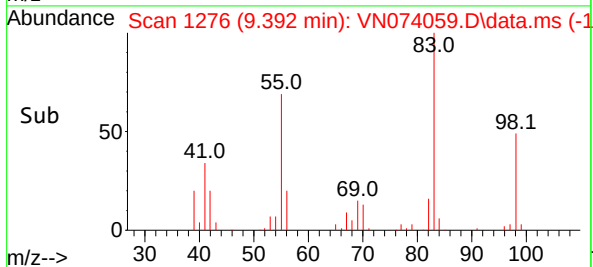
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

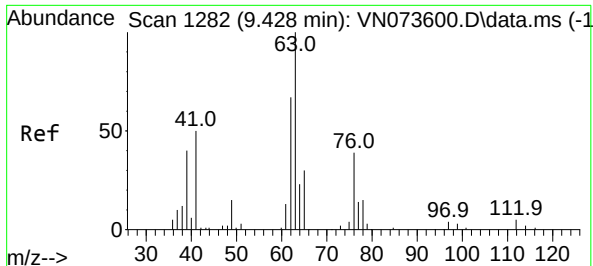


#38
Methylcyclohexane
Concen: 18.446 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



Tgt Ion: 83 Resp: 177346
Ion Ratio Lower Upper
83 100
55 71.5 35.1 105.3
98 50.5 23.4 70.2





#39

1,2-Dichloropropane

Concen: 18.157 ug/l

RT: 9.428 min Scan# 11480

Delta R.T. 0.000 min

Lab File: VN074059.D

Acq: 23 Aug 2022 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 11480

Ion Ratio Lower Upper

63 100

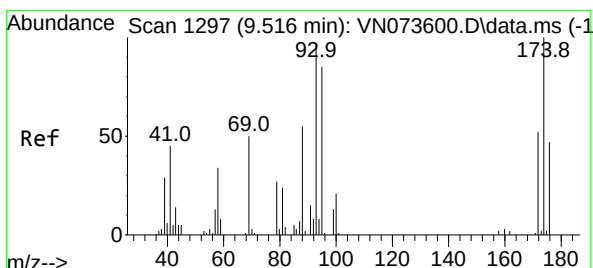
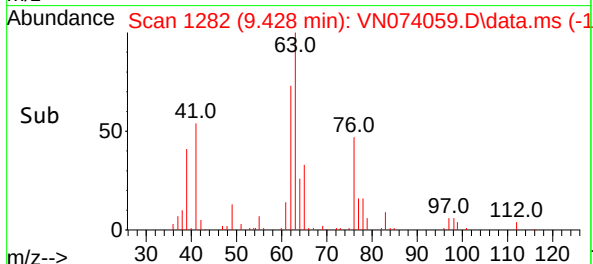
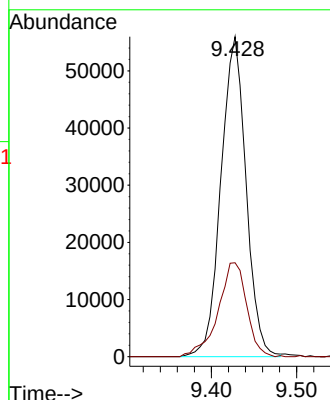
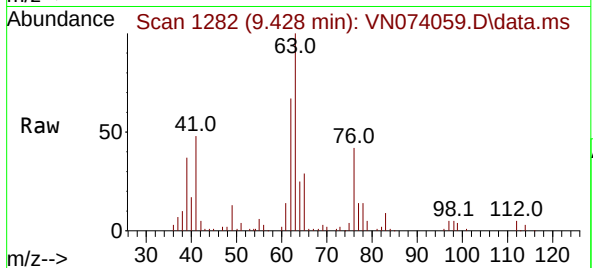
65 29.4 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#40

Dibromomethane

Concen: 18.997 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074059.D

Acq: 23 Aug 2022 10:20

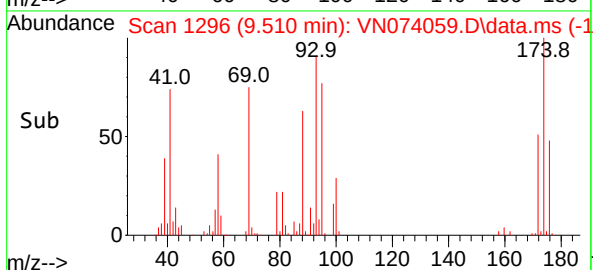
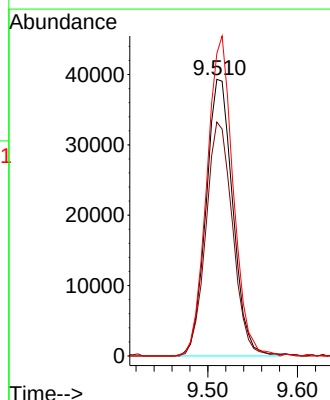
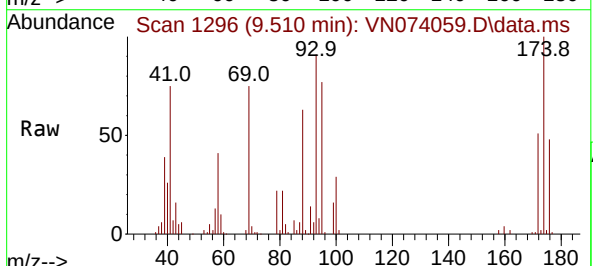
Tgt Ion: 93 Resp: 81504

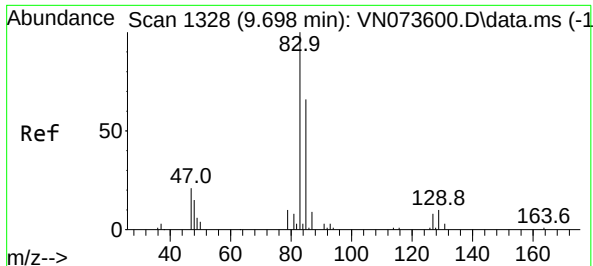
Ion Ratio Lower Upper

93 100

95 84.7 0.0 168.8

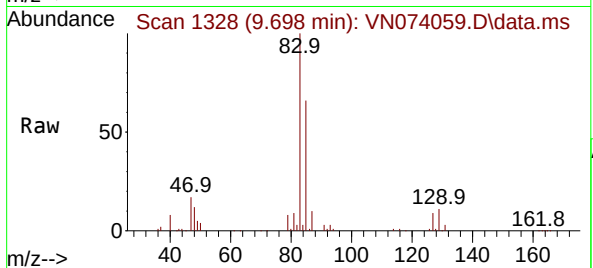
174 113.0 0.0 173.6





#41
Bromodichloromethane
Concen: 19.335 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

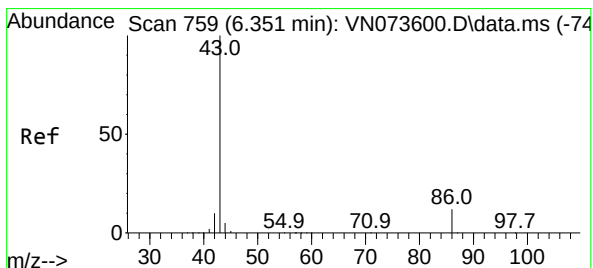
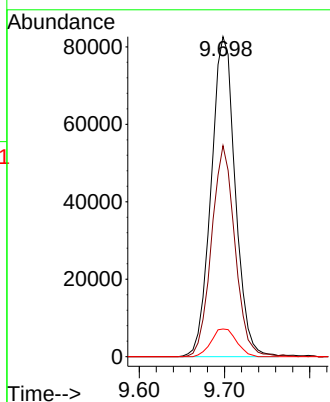
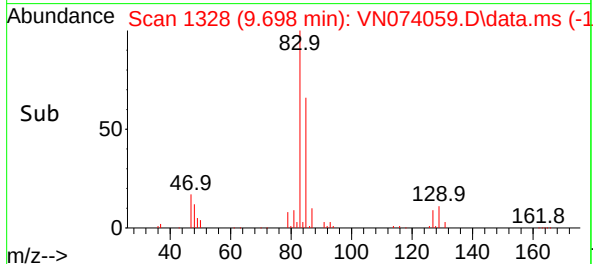
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



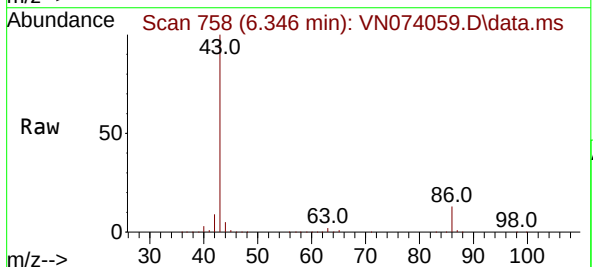
Tgt Ion: 83 Resp: 162384
Ion Ratio Lower Upper
83 100
85 66.0 54.1 81.1
127 8.7 7.6 11.4

Manual Integrations
APPROVED

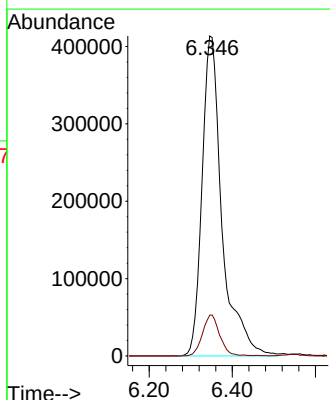
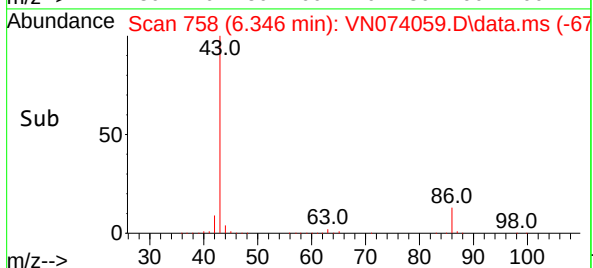
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

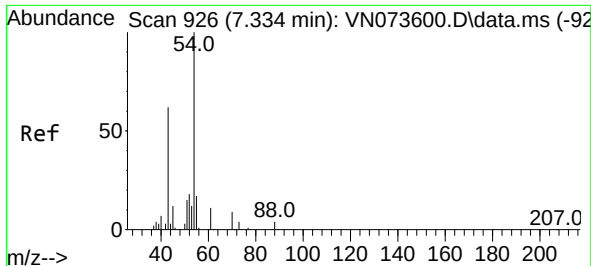


#42
Vinyl Acetate
Concen: 89.400 ug/l
RT: 6.346 min Scan# 758
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



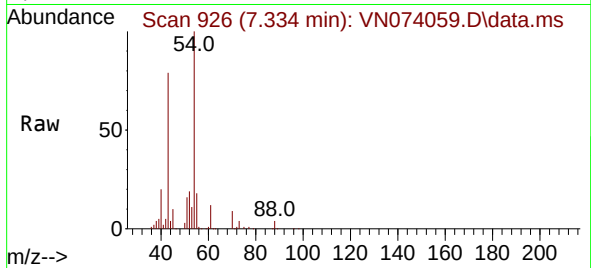
Tgt Ion: 43 Resp: 1379250
Ion Ratio Lower Upper
43 100
86 11.0 7.5 11.3





#43
Ethyl Acetate
Concen: 16.204 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

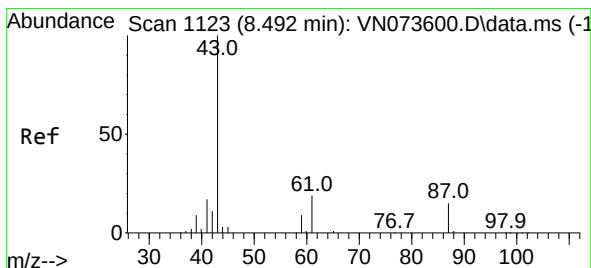
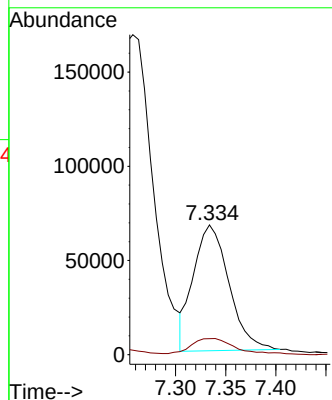
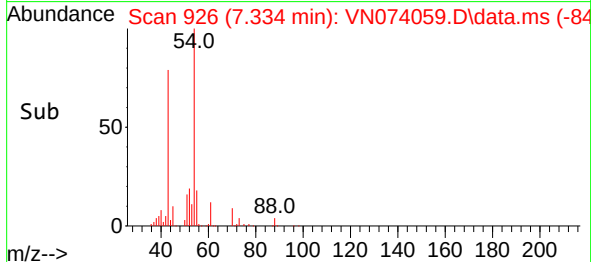
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 164699
Ion Ratio Lower Upper
43 100
45 13.5 10.6 16.0

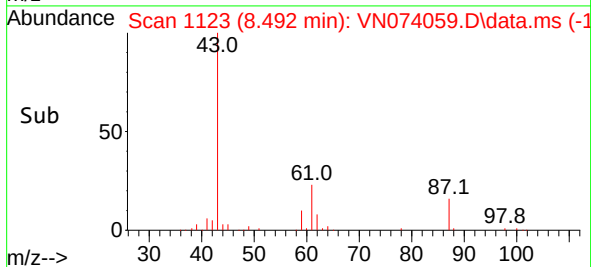
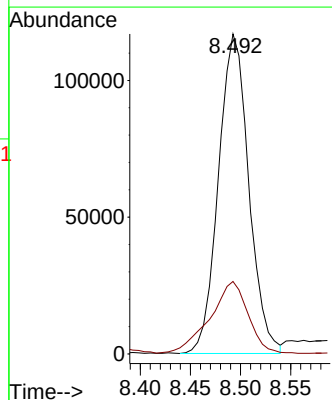
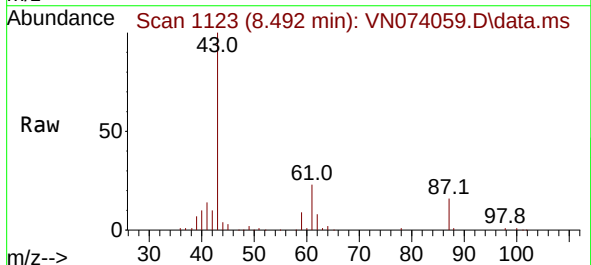
Manual Integrations
APPROVED

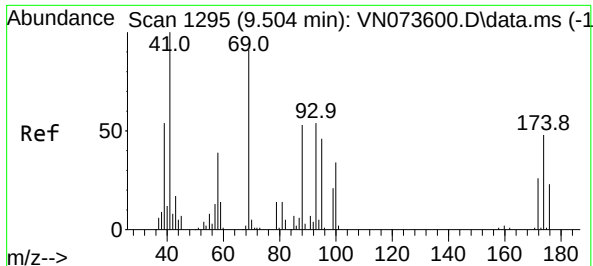
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#44
Isopropyl Acetate
Concen: 17.401 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

Tgt Ion: 43 Resp: 245946
Ion Ratio Lower Upper
43 100
61 28.9 20.1 30.1





#45

1,4-Dioxane

Concen: 367.400 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN074059.D

Acq: 23 Aug 2022 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 88 Resp: 61920

Ion Ratio Lower Upper

88 100

43 25.3 25.0 37.6

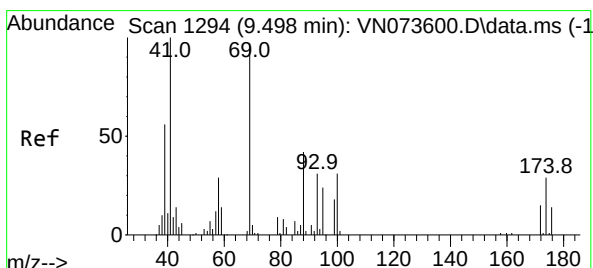
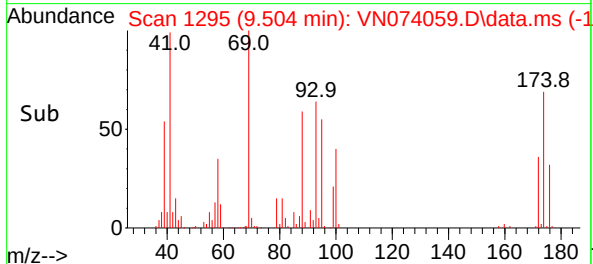
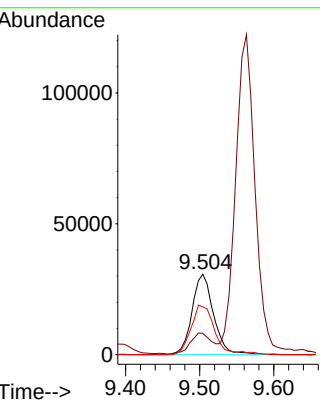
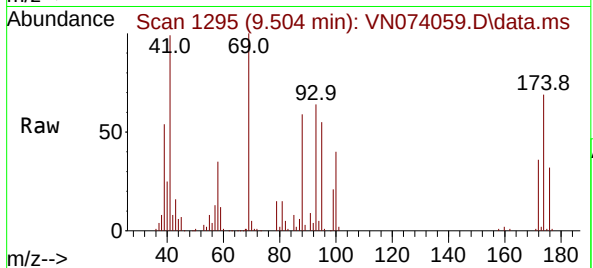
58 65.2 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#46

Methyl methacrylate

Concen: 17.421 ug/l

RT: 9.498 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VN074059.D

Acq: 23 Aug 2022 10:20

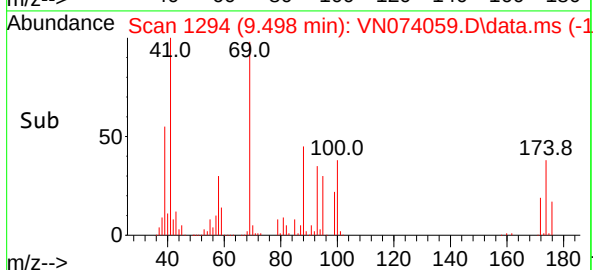
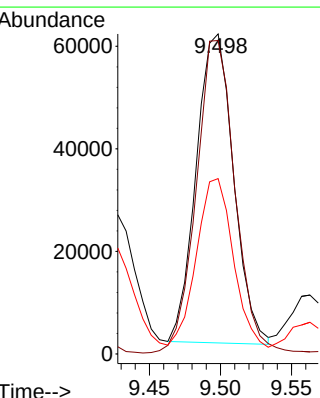
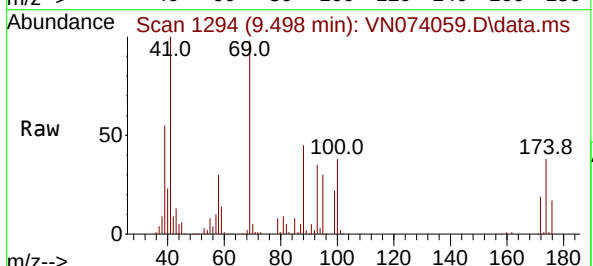
Tgt Ion: 41 Resp: 110116

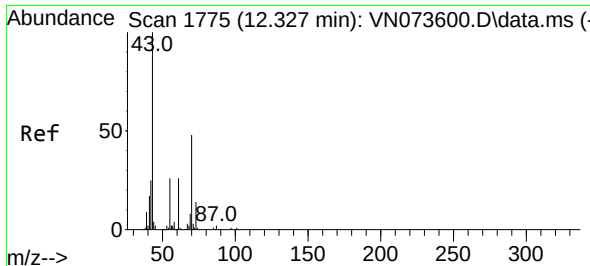
Ion Ratio Lower Upper

41 100

69 99.1 44.4 133.2

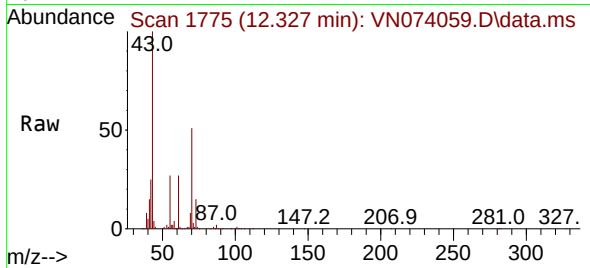
39 54.9 39.9 119.6





#47
n-amy1 Acetate
Concen: 17.567 ug/l
RT: 12.327 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

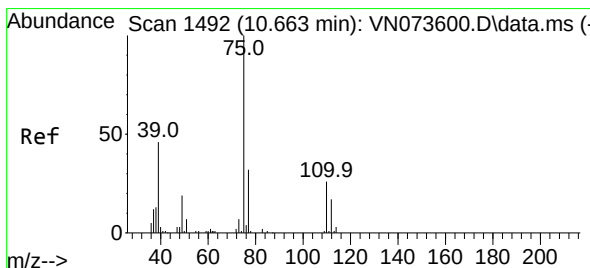
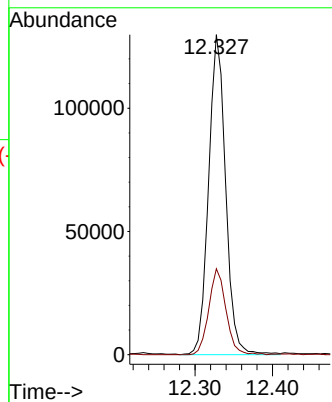
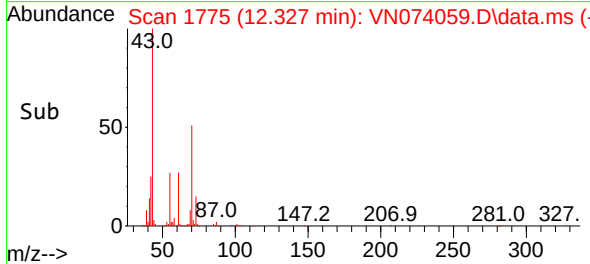
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 197959
Ion Ratio Lower Upper
43 100
55 27.1 19.0 28.6

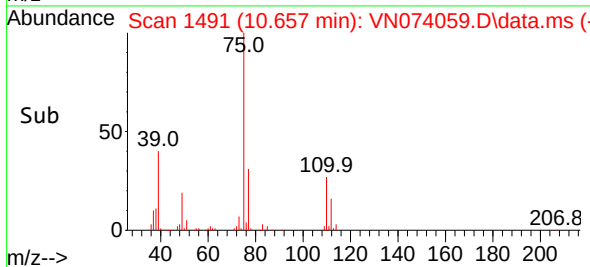
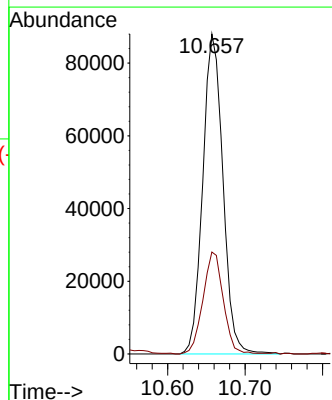
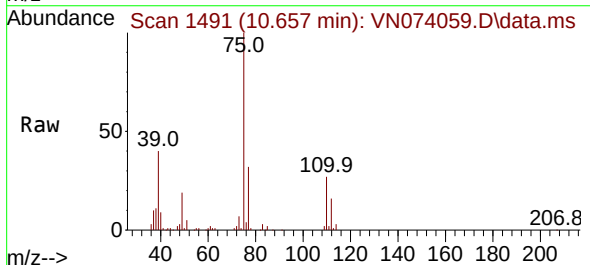
Manual Integrations
APPROVED

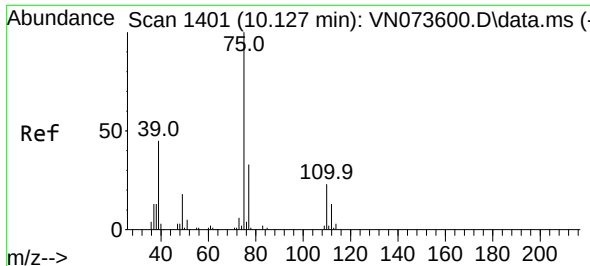
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#48
t-1,3-Dichloropropene
Concen: 18.378 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

Tgt Ion: 75 Resp: 158900
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 18.785 ug/l

RT: 10.128 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VN074059.D

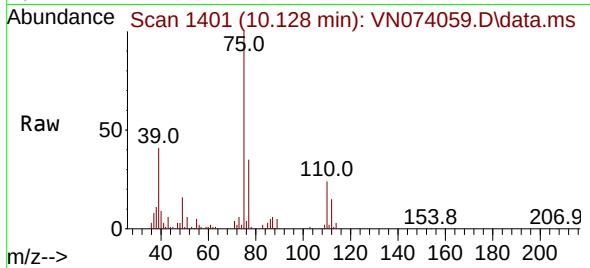
Acq: 23 Aug 2022 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



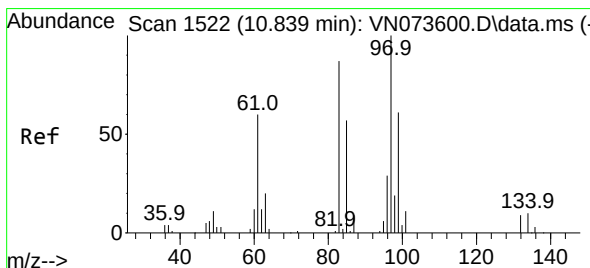
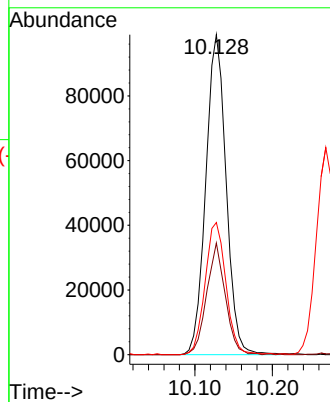
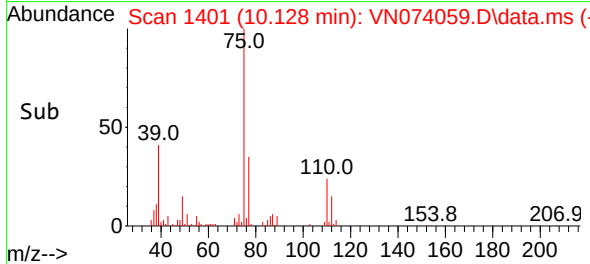
Tgt Ion:	75	Resp:	180340
Ion Ratio	100	Lower	Upper
75	100		
77	34.9	25.3	37.9
39	41.3	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#50

1,1,2-Trichloroethane

Concen: 18.527 ug/l

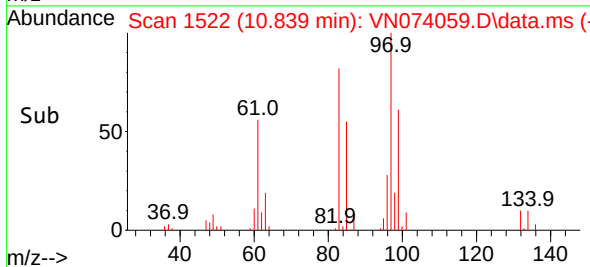
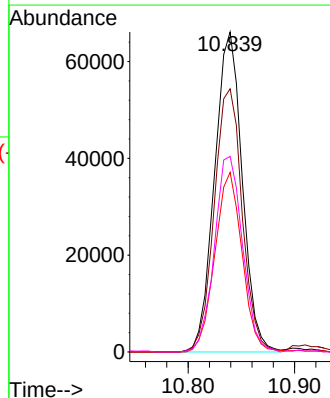
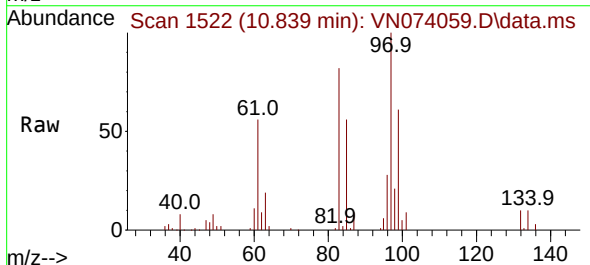
RT: 10.839 min Scan# 1522

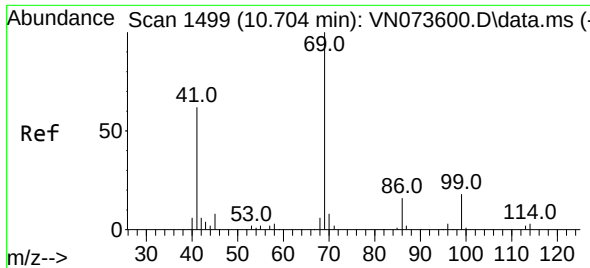
Delta R.T. 0.000 min

Lab File: VN074059.D

Acq: 23 Aug 2022 10:20

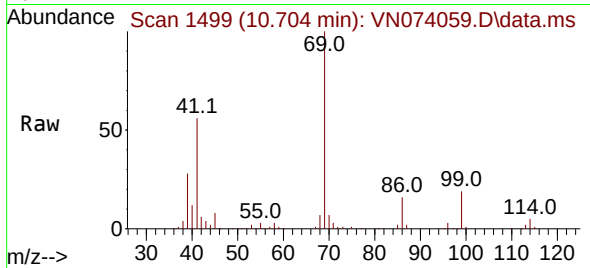
Tgt Ion:	97	Resp:	119250
Ion Ratio	100	Lower	Upper
97	100		
83	82.2	67.2	100.8
85	56.2	43.0	64.4
99	61.1	49.0	73.4





#51
Ethyl methacrylate
Concen: 18.344 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

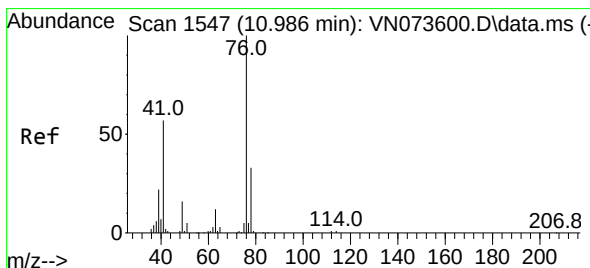
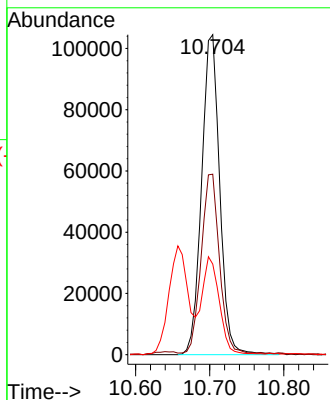
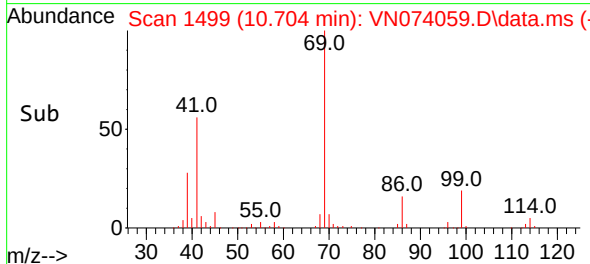
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



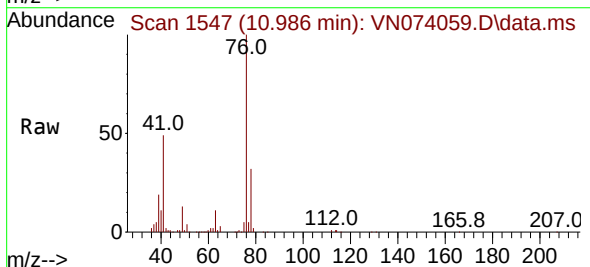
Tgt Ion: 69 Resp: 17751
Ion Ratio Lower Upper
69 100
41 55.9 33.0 98.9
39 28.0 25.4 76.4

Manual Integrations
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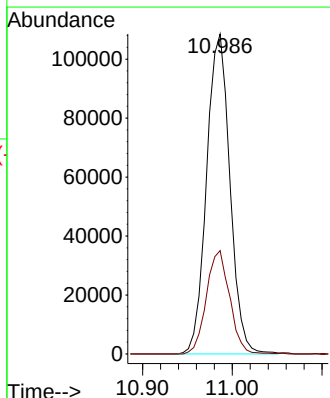
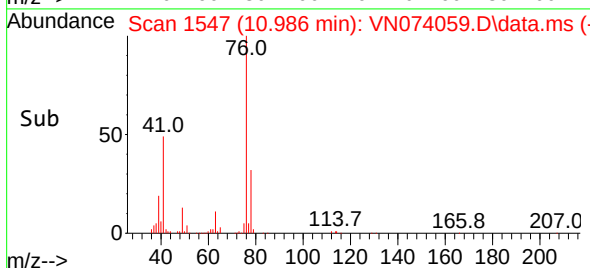
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

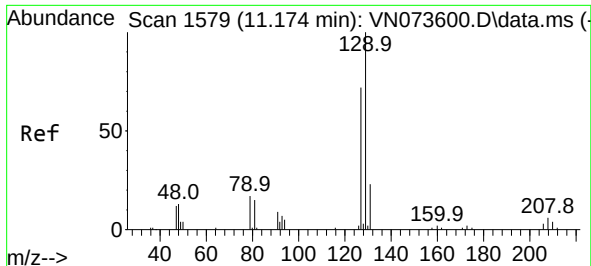


#52
1,3-Dichloropropane
Concen: 18.076 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



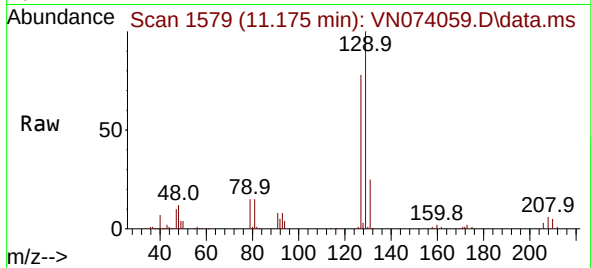
Tgt Ion: 76 Resp: 196114
Ion Ratio Lower Upper
76 100
78 32.2 0.0 65.4





#53
Dibromochloromethane
Concen: 20.161 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

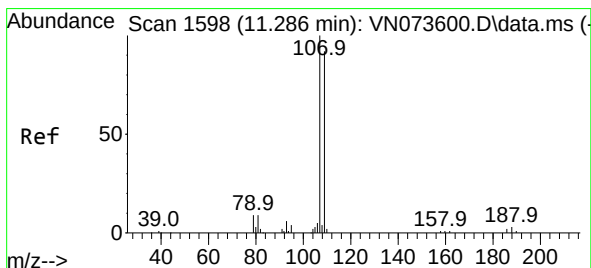
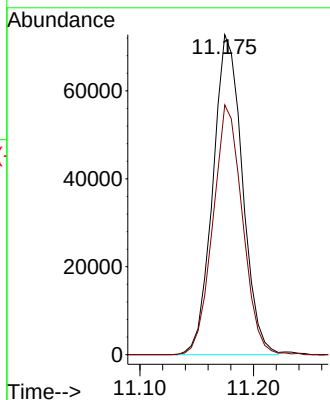
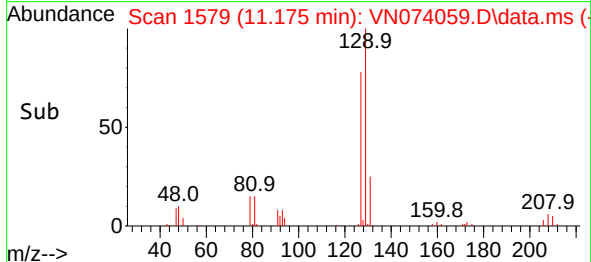
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



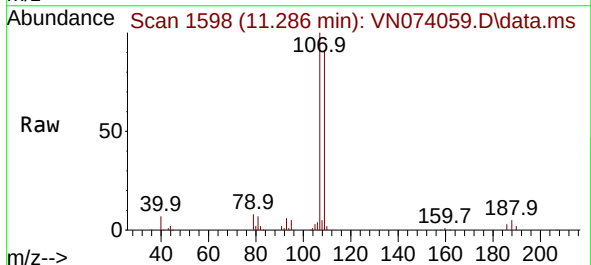
Tgt Ion:129 Resp: 131512
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

Manual Integrations
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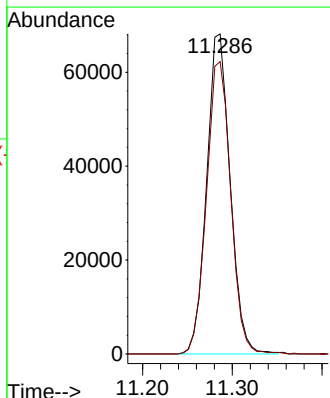
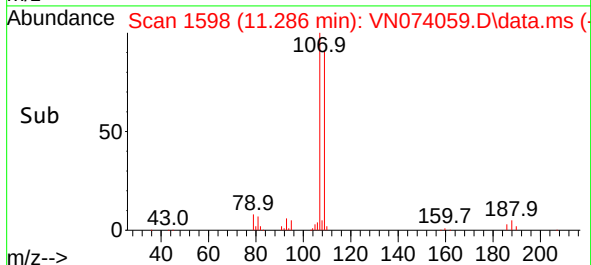
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

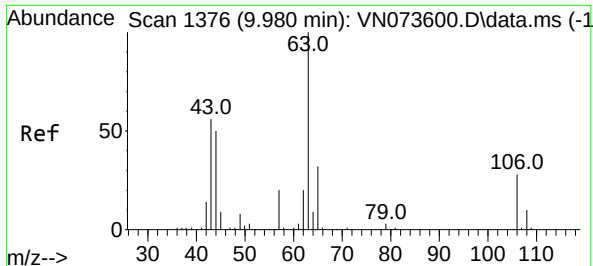


#54
1,2-Dibromoethane
Concen: 18.932 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



Tgt Ion:107 Resp: 124189
Ion Ratio Lower Upper
107 100
109 93.8 72.8 109.2





#55

2-Chloroethyl vinyl ether

Concen: 106.089 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074059.D

Acq: 23 Aug 2022 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 46045

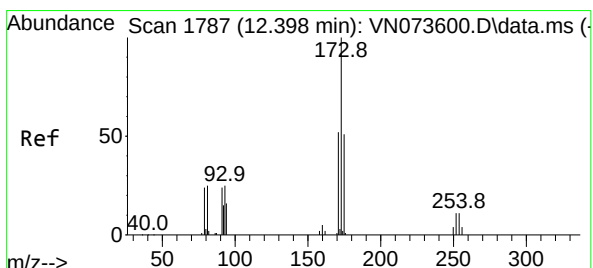
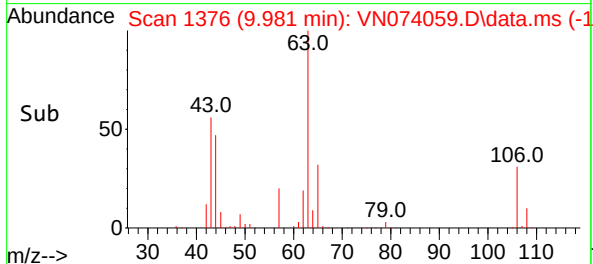
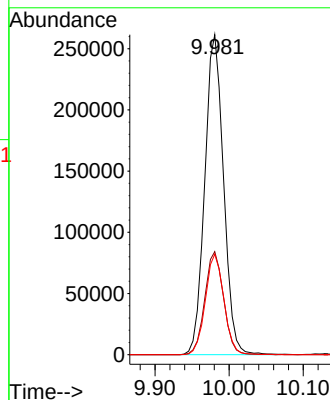
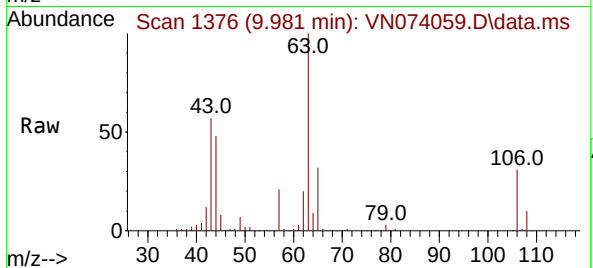
Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.4	38.0
106	31.0	23.2	34.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#56

Bromoform

Concen: 20.836 ug/l

RT: 12.398 min Scan# 1787

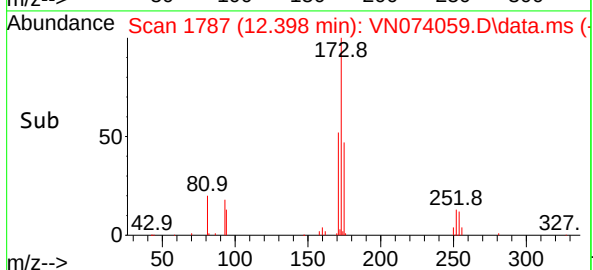
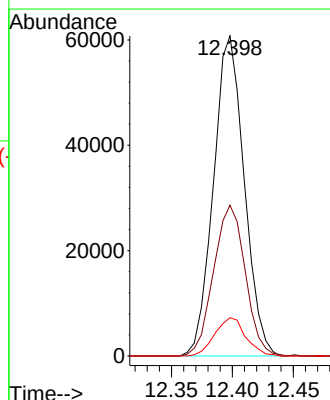
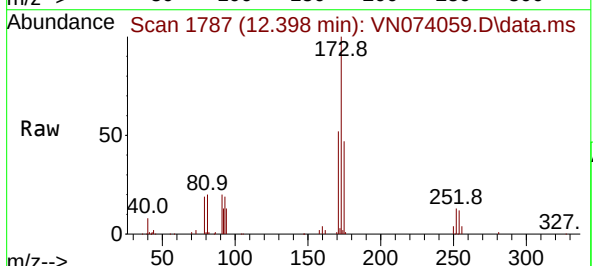
Delta R.T. 0.000 min

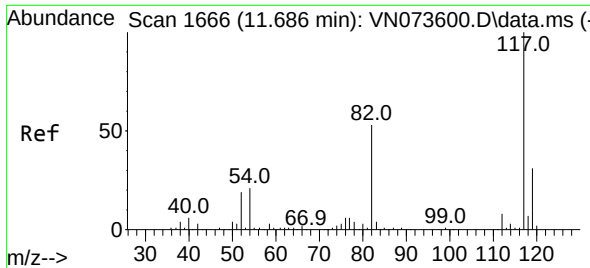
Lab File: VN074059.D

Acq: 23 Aug 2022 10:20

Tgt Ion:173 Resp: 106807

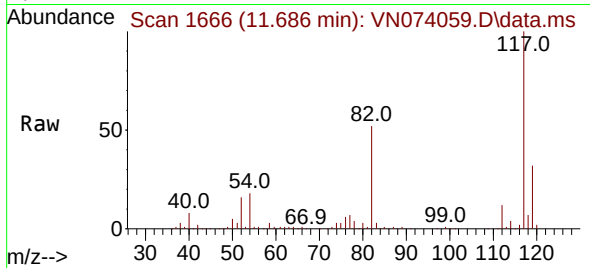
Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.6	58.0
254	12.0	0.0	0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

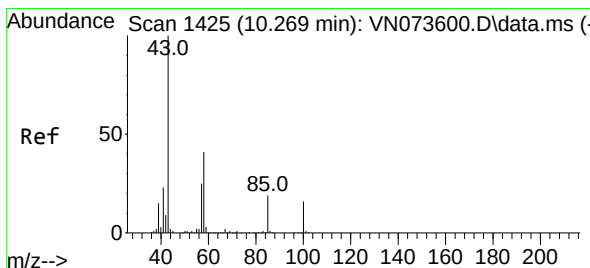
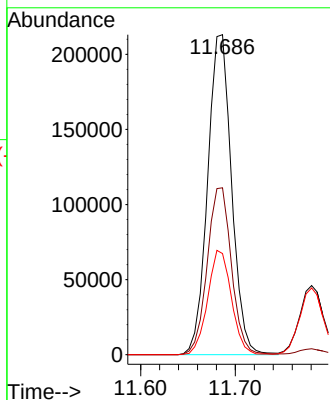
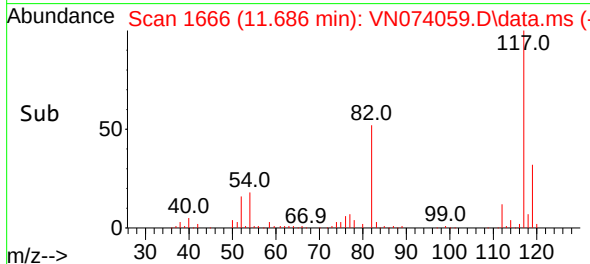
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 375076
Ion Ratio Lower Upper
117 100
82 52.9 43.6 65.4
119 32.2 25.8 38.6

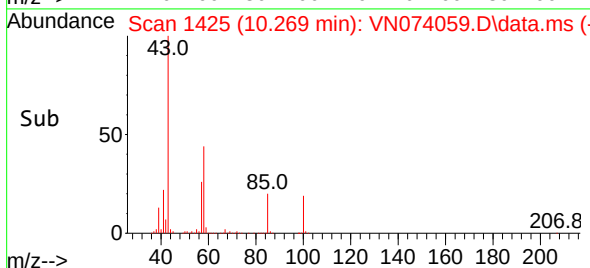
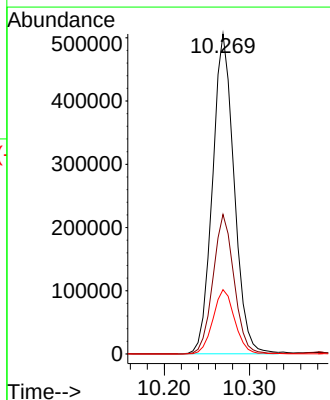
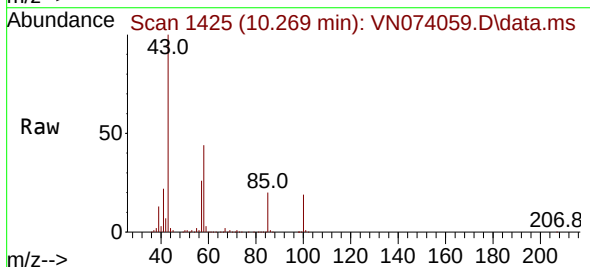
Manual Integrations
APPROVED

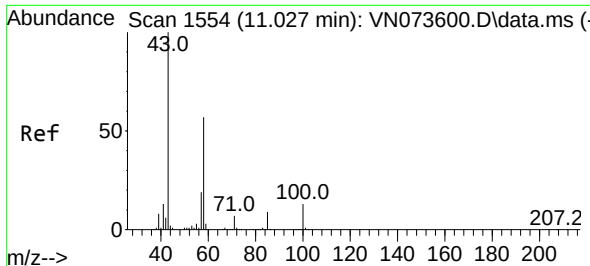
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#58
4-Methyl-2-Pentanone
Concen: 91.868 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

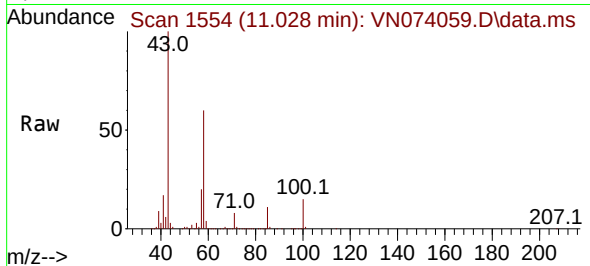
Tgt Ion: 43 Resp: 890976
Ion Ratio Lower Upper
43 100
58 42.5 30.0 45.0
85 20.2 15.0 22.6





#59
2-Hexanone
Concen: 91.974 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

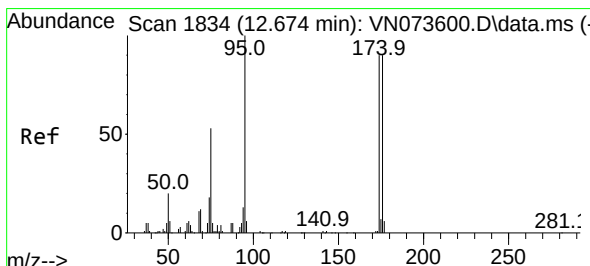
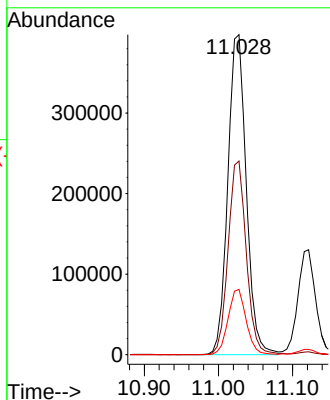
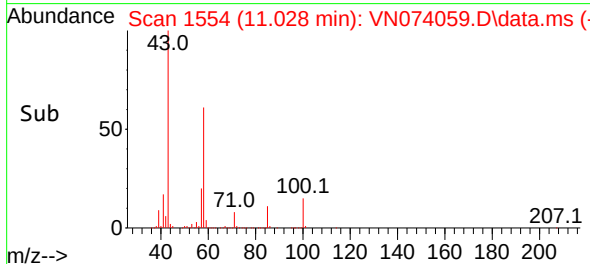
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



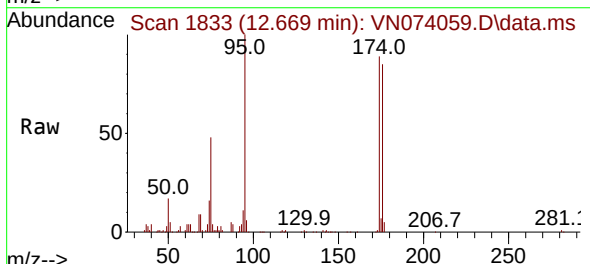
Tgt Ion: 43 Resp: 687049
Ion Ratio Lower Upper
43 100
58 59.7 42.2 63.2
57 20.1 15.0 22.4

Manual Integrations
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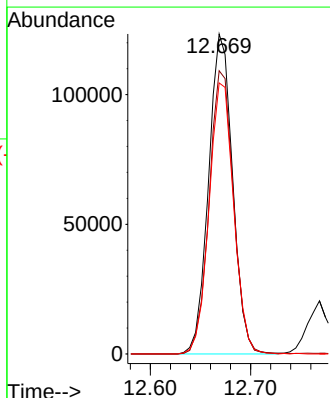
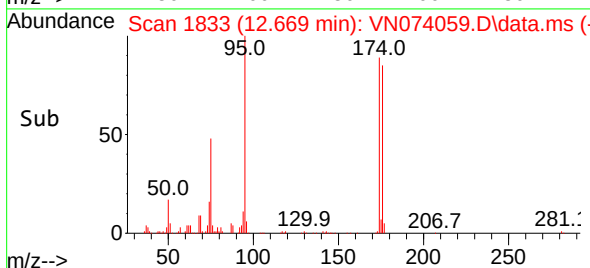
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

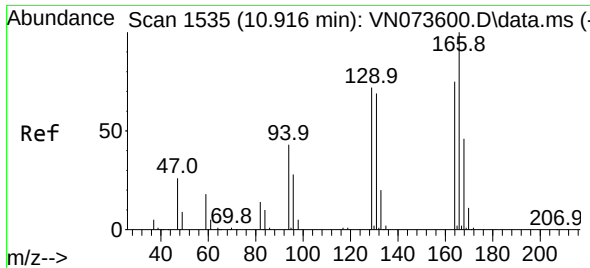


#60
4-Bromofluorobenzene
Concen: 30.906 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



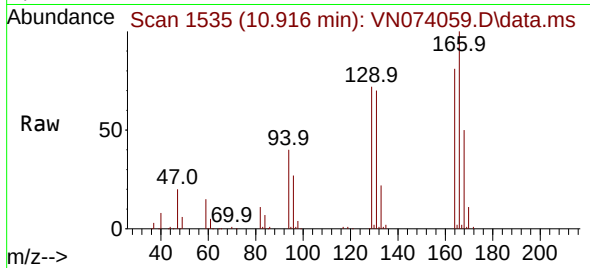
Tgt Ion: 95 Resp: 205254
Ion Ratio Lower Upper
95 100
174 89.9 62.9 94.3
176 86.7 61.0 91.4





#61
Tetrachloroethene
Concen: 18.899 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

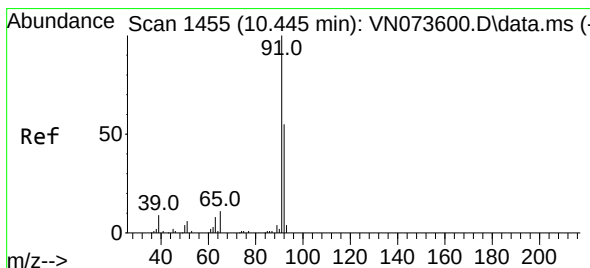
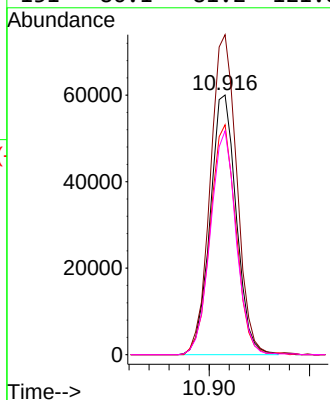
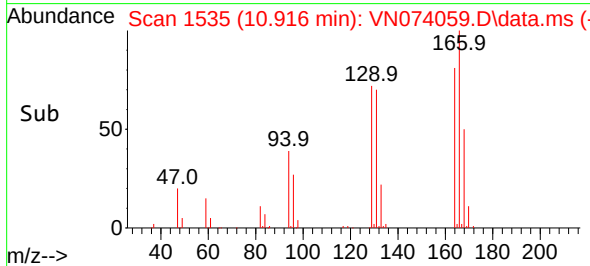
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 108580
Ion Ratio Lower Upper
164 100
166 123.2 105.8 158.8
129 88.5 82.5 123.7
131 86.1 81.2 121.8

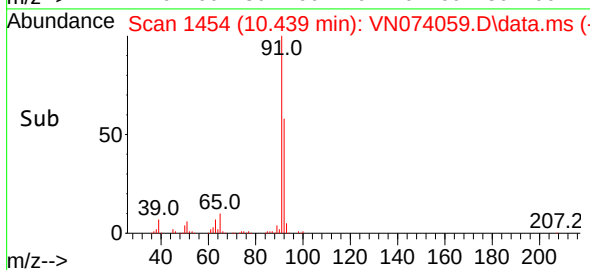
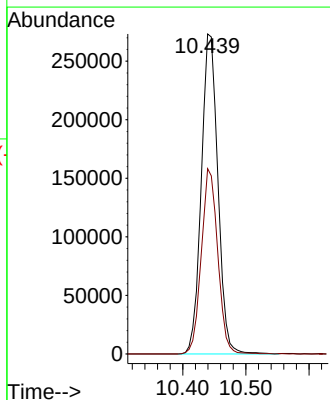
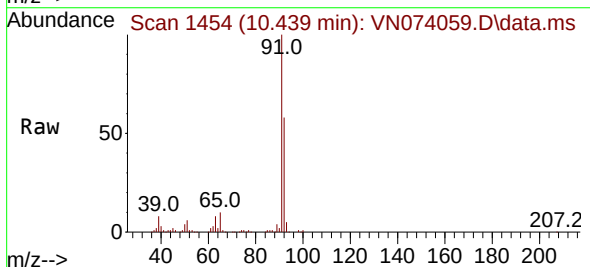
Manual Integrations
APPROVED

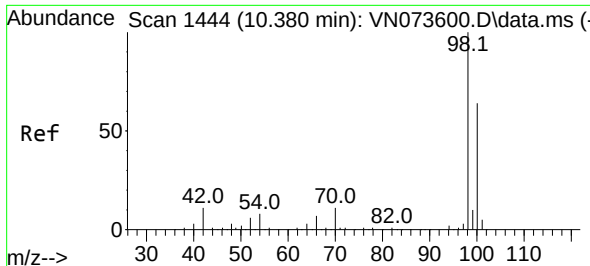
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#62
Toluene
Concen: 19.163 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

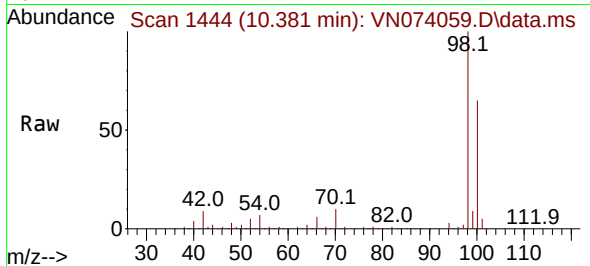
Tgt Ion: 91 Resp: 499820
Ion Ratio Lower Upper
91 100
92 57.2 44.6 67.0





#63
Toluene-d8
Concen: 29.362 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

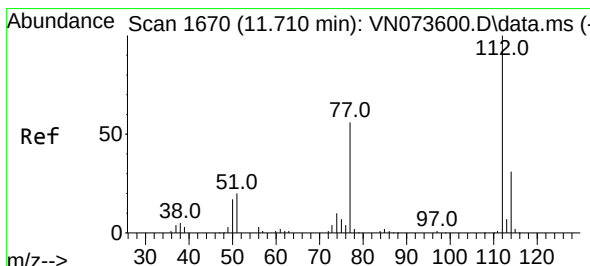
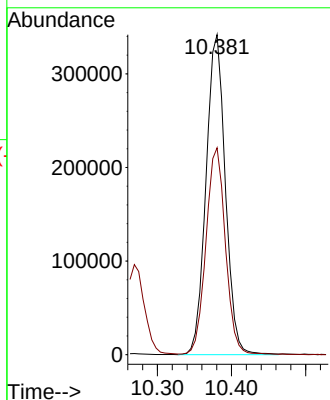
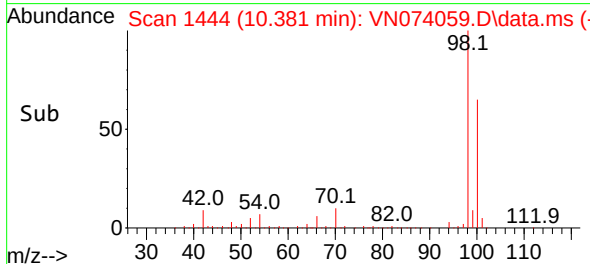
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 620110
Ion Ratio Lower Upper
98 100
100 64.3 50.6 76.0

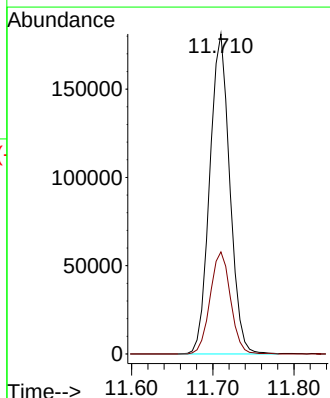
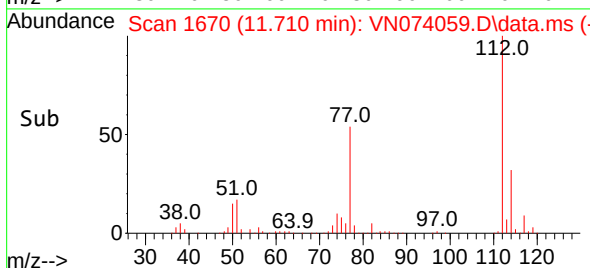
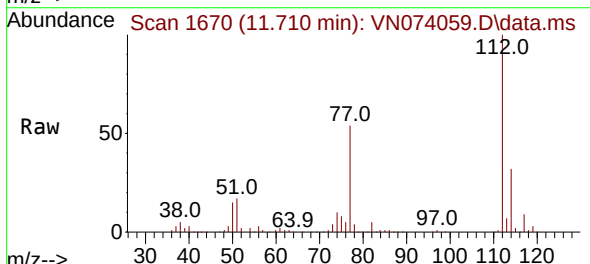
Manual Integrations
APPROVED

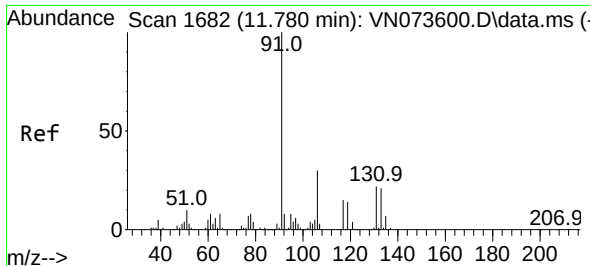
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#64
Chlorobenzene
Concen: 19.930 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

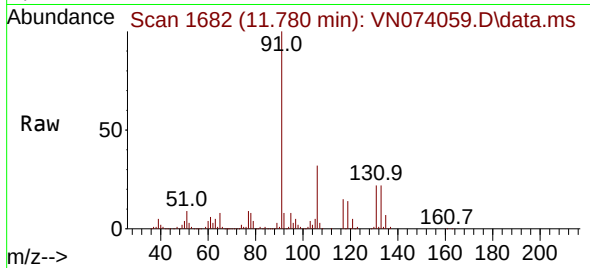
Tgt Ion:112 Resp: 310590
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 21.067 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

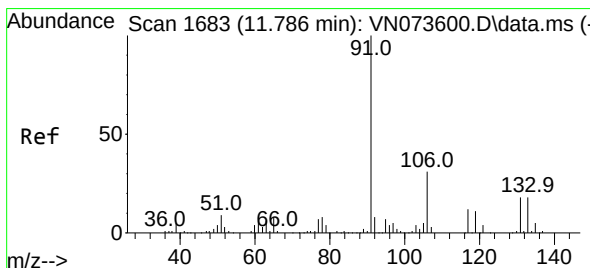
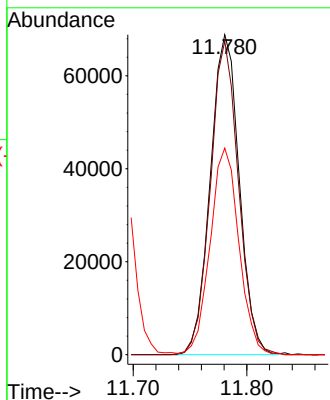
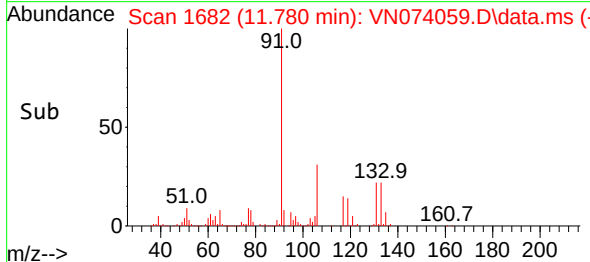
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 121869
Ion Ratio Lower Upper
131 100
133 95.4 0.0 191.2
119 64.2 0.0 128.8

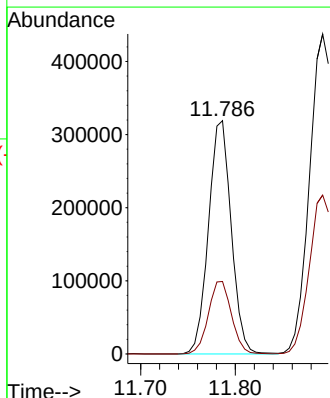
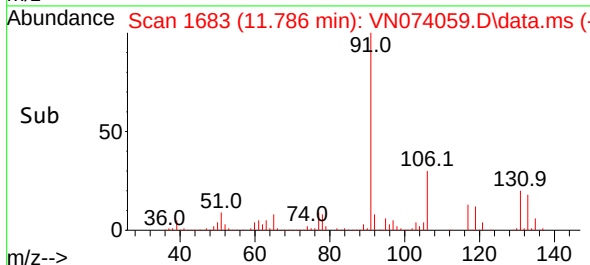
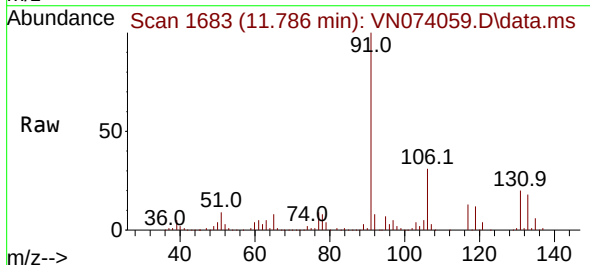
Manual Integrations
APPROVED

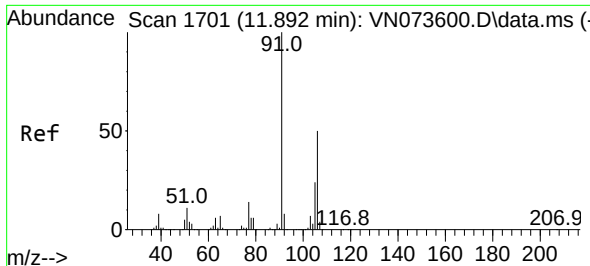
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#66
Ethyl Benzene
Concen: 19.074 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

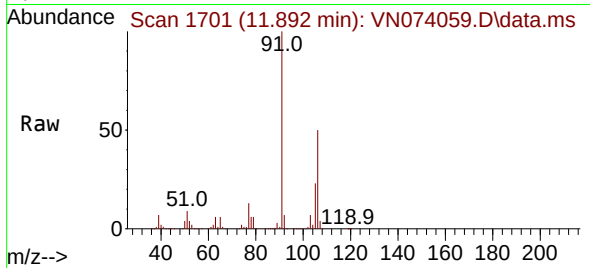
Tgt Ion: 91 Resp: 531888
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0





#67
m/p-Xylenes
Concen: 39.672 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

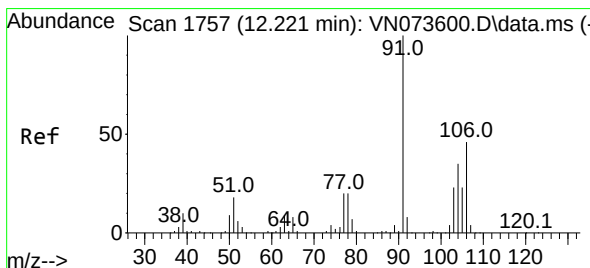
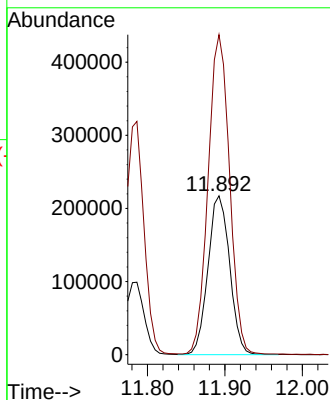
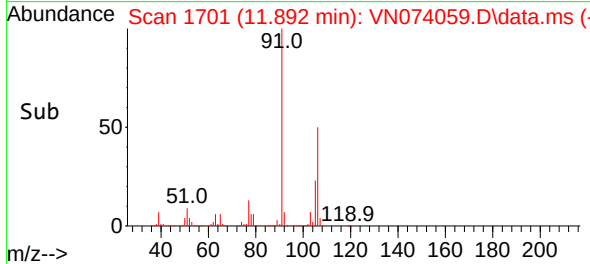
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



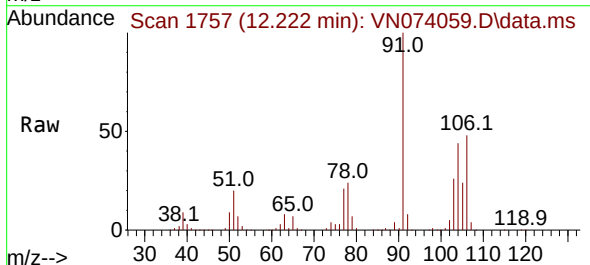
Tgt Ion:106 Resp: 42282
Ion Ratio Lower Upper
106 100
91 198.2 162.9 244.3

Manual Integrations
APPROVED

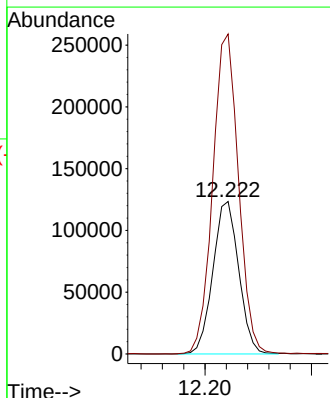
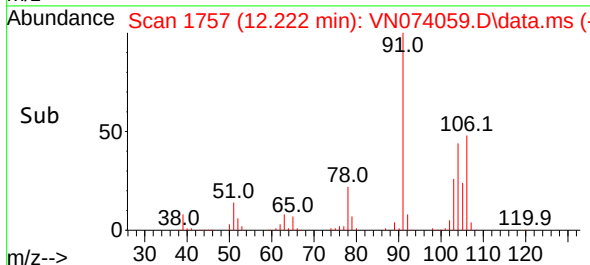
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

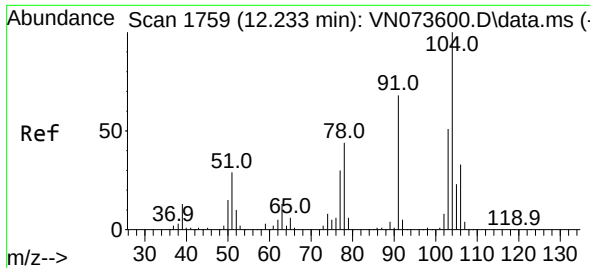


#68
o-Xylene
Concen: 19.591 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



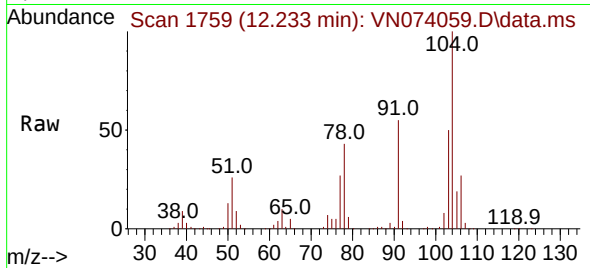
Tgt Ion:106 Resp: 207393
Ion Ratio Lower Upper
106 100
91 209.2 107.7 323.1





#69
Styrene
Concen: 19.717 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

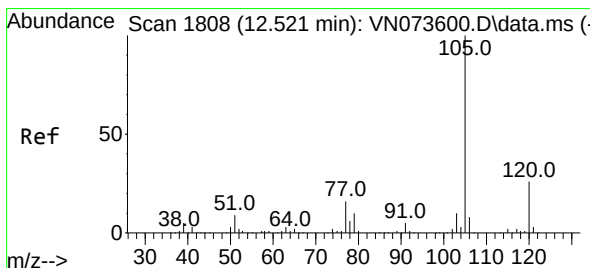
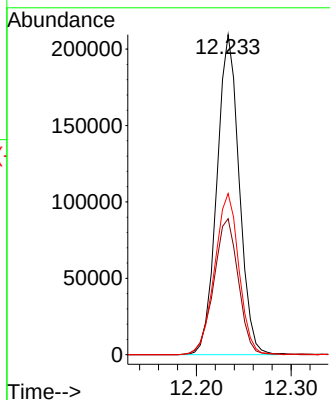
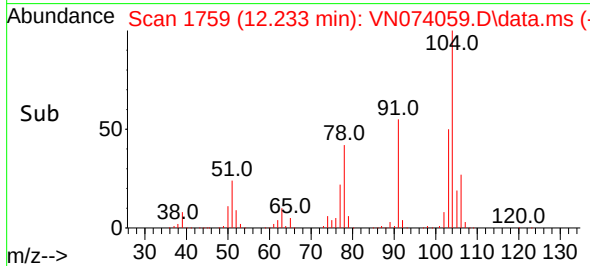
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



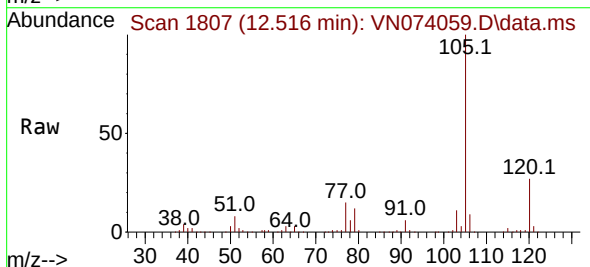
Tgt Ion:104 Resp: 34402
Ion Ratio Lower Upper
104 100
78 46.7 40.7 61.1
103 54.6 45.8 68.8

Manual Integrations
APPROVED

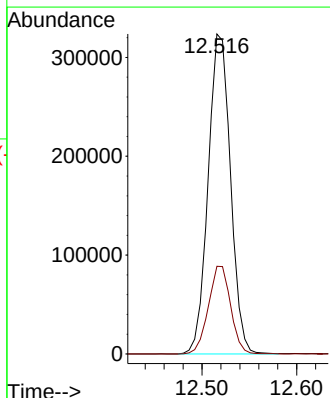
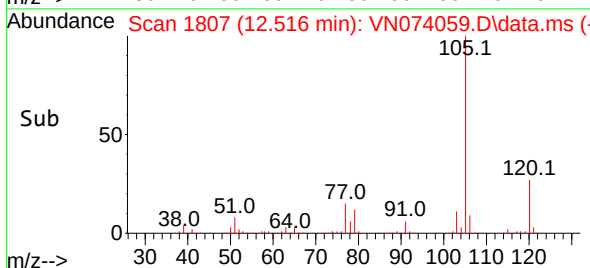
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

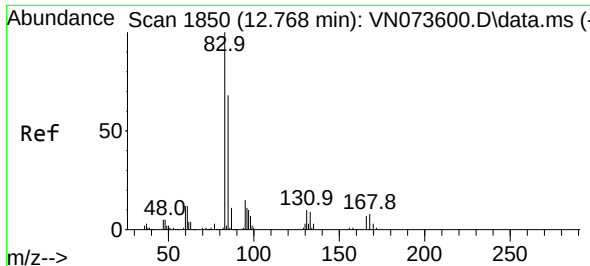


#70
Isopropylbenzene
Concen: 19.628 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



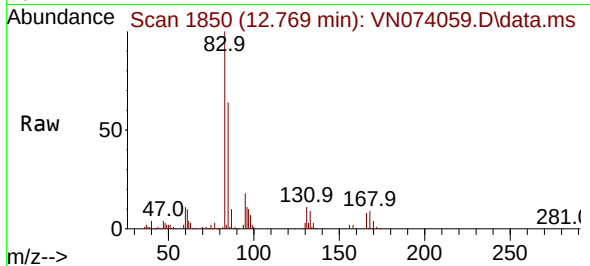
Tgt Ion:105 Resp: 531217
Ion Ratio Lower Upper
105 100
120 27.2 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.711 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

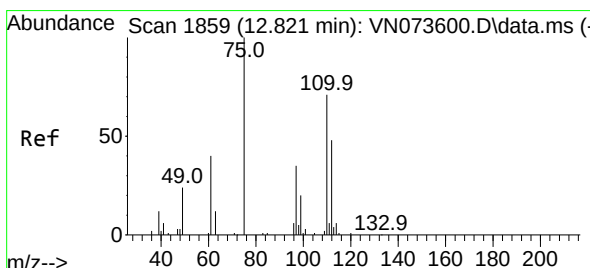
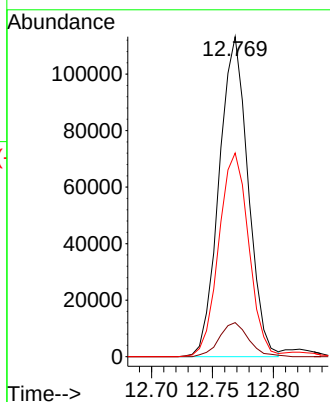
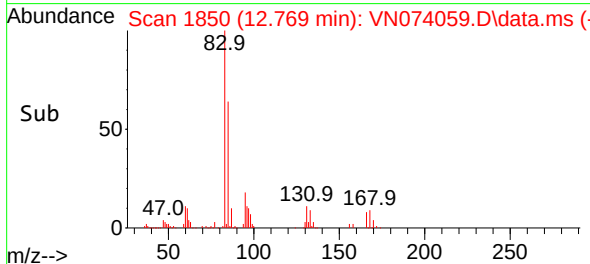
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



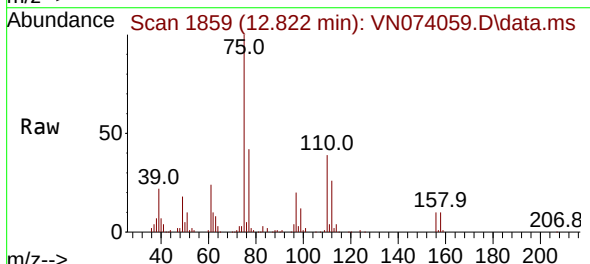
Tgt Ion: 83 Resp: 187578
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 65.5 33.1 99.2

Manual Integrations
APPROVED

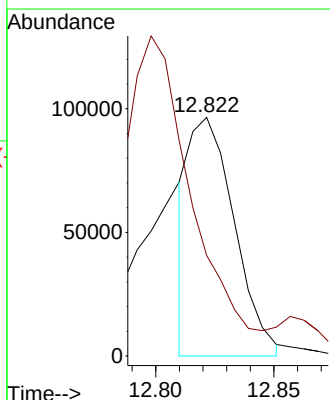
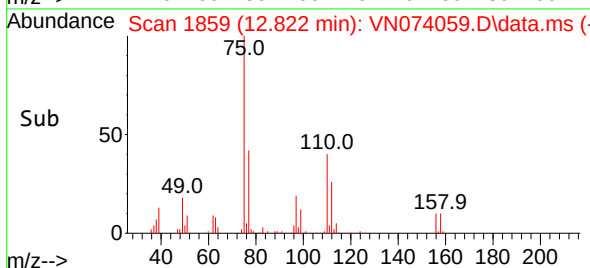
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

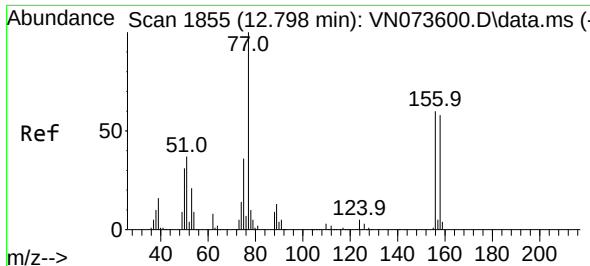


#72
1,2,3-Trichloropropane
Concen: 16.254 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



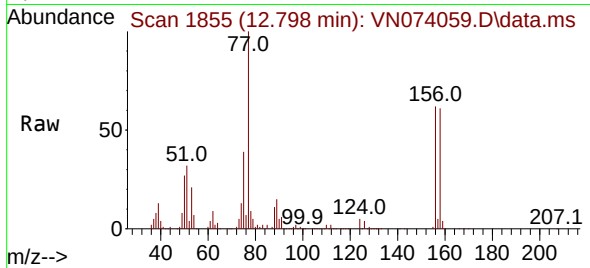
Tgt Ion: 75 Resp: 129186
Ion Ratio Lower Upper
75 100
77 206.4 0.0 378.0





#73
Bromobenzene
Concen: 20.148 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

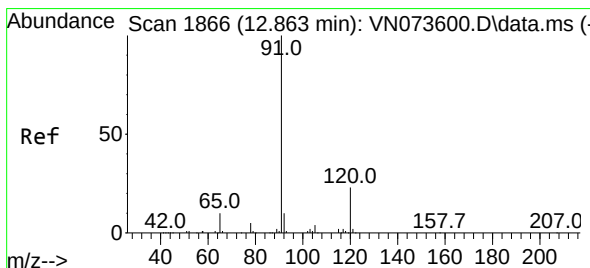
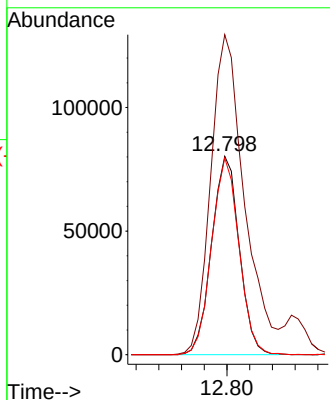
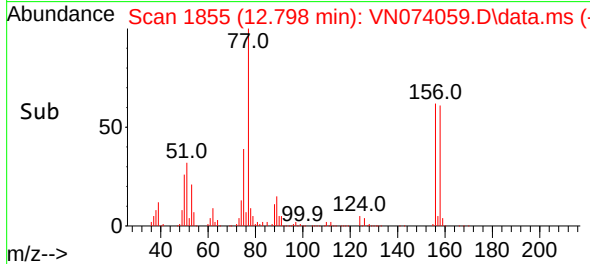
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



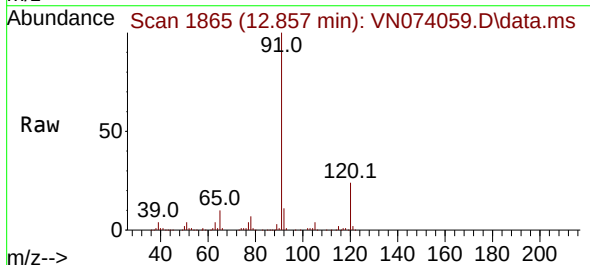
Tgt Ion:156 Resp: 135454
Ion Ratio Lower Upper
156 100
77 196.9 0.0 416.0
158 98.6 0.0 195.4

Manual Integrations
APPROVED

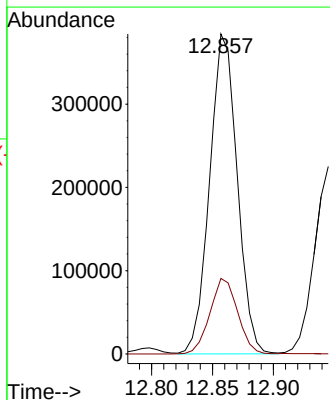
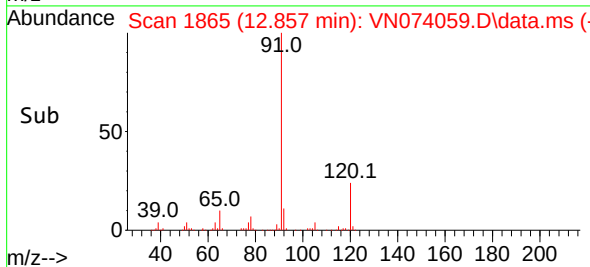
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

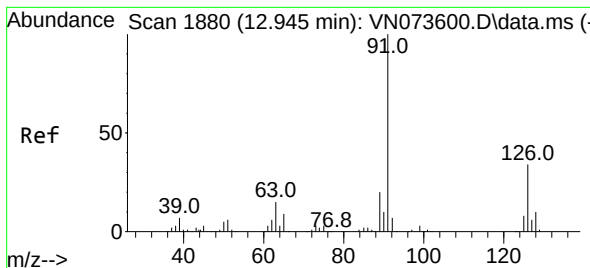


#74
n-propylbenzene
Concen: 19.206 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



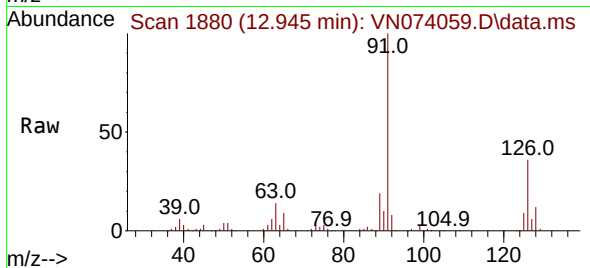
Tgt Ion: 91 Resp: 604921
Ion Ratio Lower Upper
91 100
120 23.6 0.0 45.0





#75
2-Chlorotoluene
Concen: 19.416 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

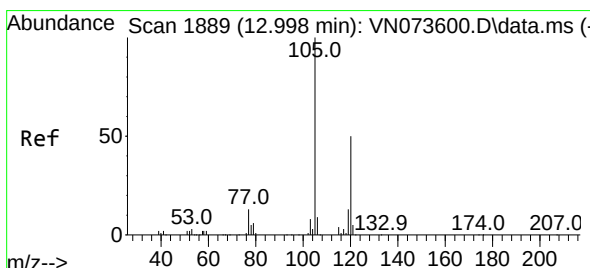
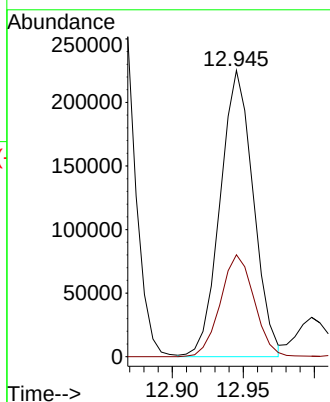
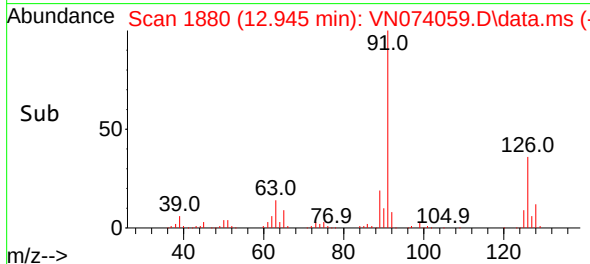
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



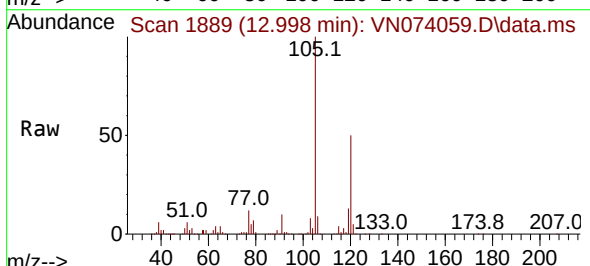
Tgt Ion: 91 Resp: 366590
Ion Ratio Lower Upper
91 100
126 36.2 0.0 69.8

Manual Integrations
APPROVED

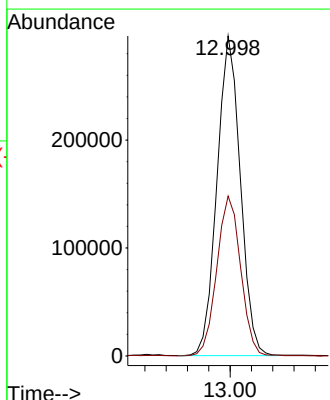
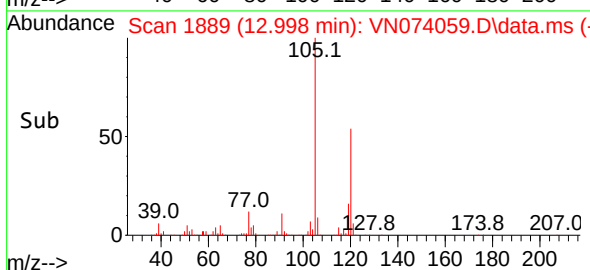
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

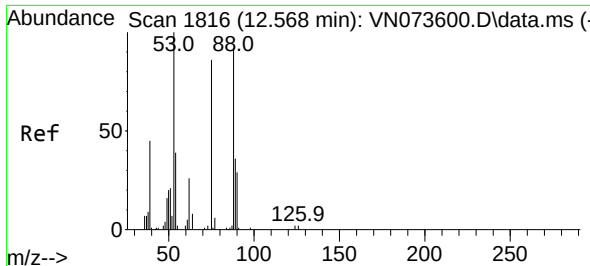


#76
1,3,5-Trimethylbenzene
Concen: 19.845 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



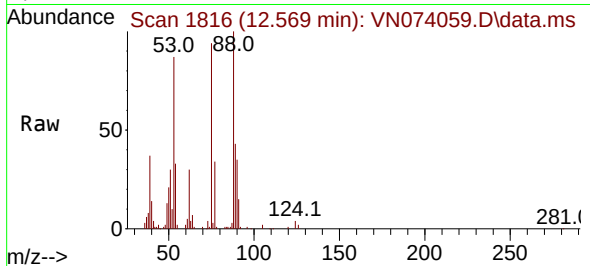
Tgt Ion:105 Resp: 449871
Ion Ratio Lower Upper
105 100
120 51.1 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.149 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

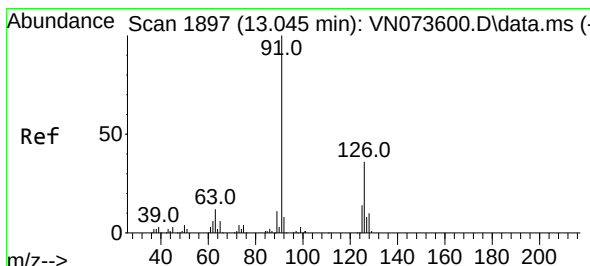
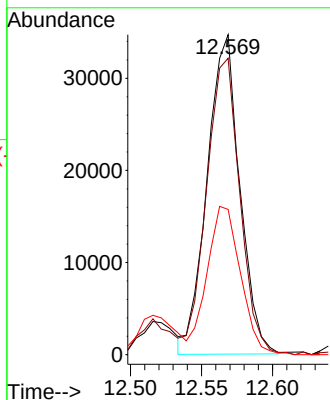
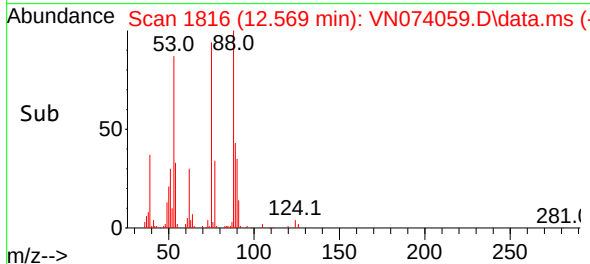
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 5546
Ion Ratio Lower Upper
75 100
53 92.5 51.8 155.5
89 45.2 22.9 68.7

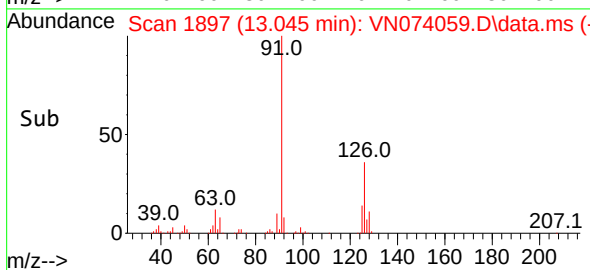
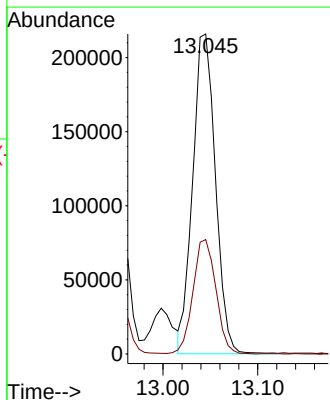
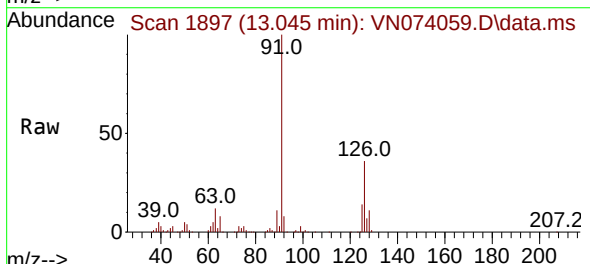
Manual Integrations
APPROVED

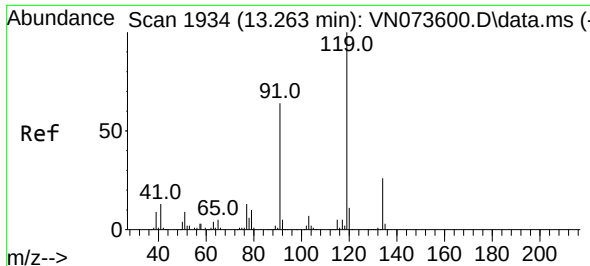
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#78
4-Chlorotoluene
Concen: 19.861 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

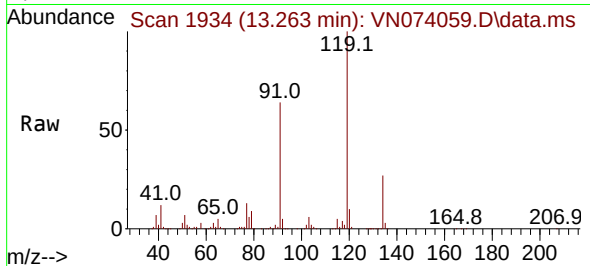
Tgt Ion: 91 Resp: 360230
Ion Ratio Lower Upper
91 100
126 36.1 0.0 70.6





#79
tert-butylbenzene
Concen: 20.475 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

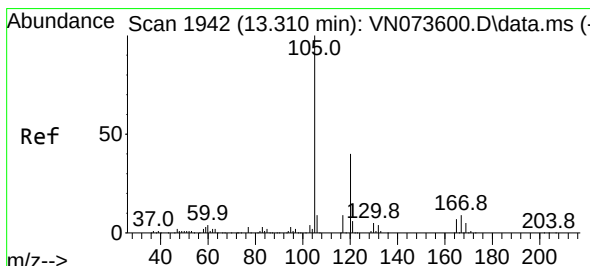
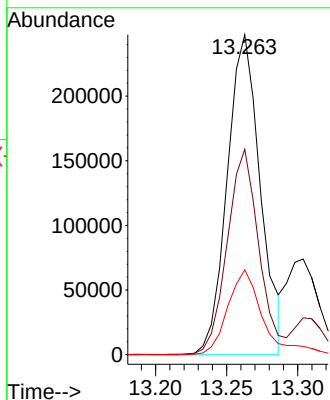
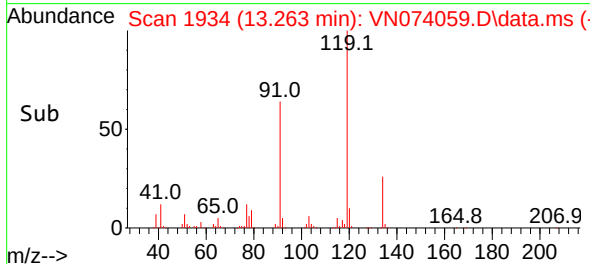
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



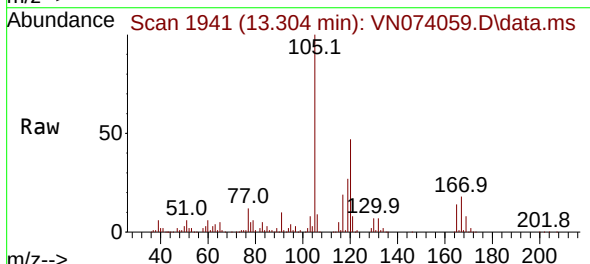
Tgt Ion:119 Resp: 401285
Ion Ratio Lower Upper
119 100
91 61.6 0.0 137.0
134 28.2 0.0 47.6

Manual Integrations
APPROVED

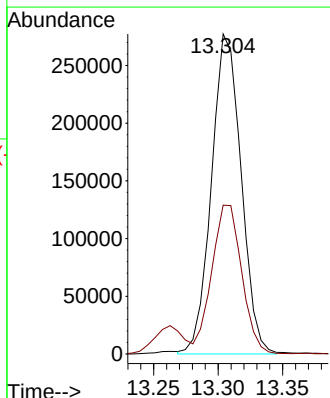
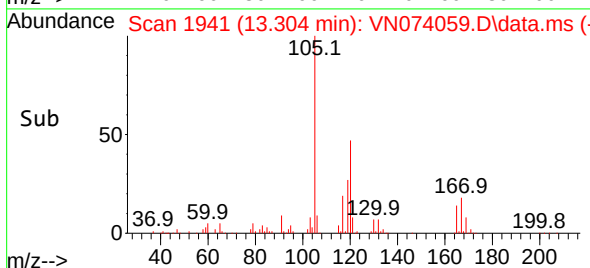
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

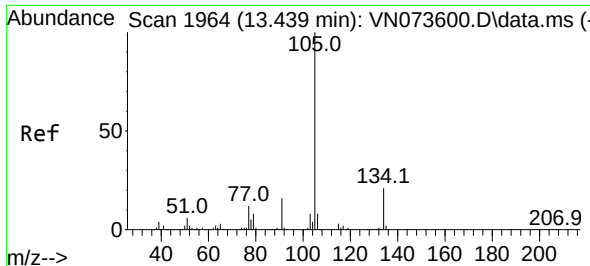


#80
1,2,4-Trimethylbenzene
Concen: 19.761 ug/l m
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



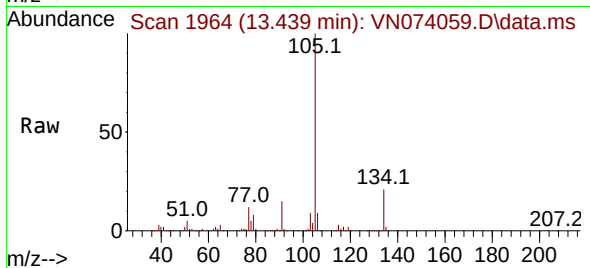
Tgt Ion:105 Resp: 443727
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 19.214 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN074059.D
 Acq: 23 Aug 2022 10:20

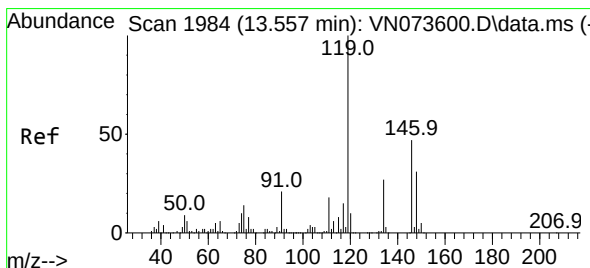
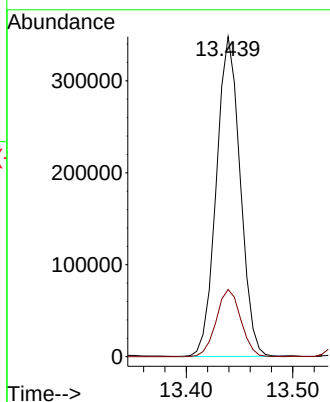
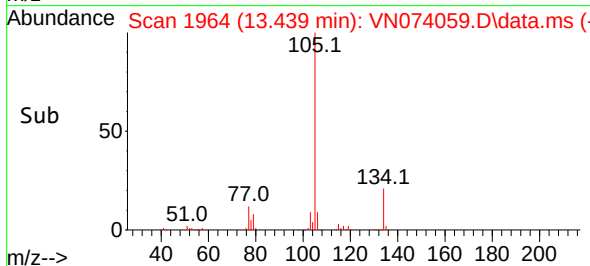
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



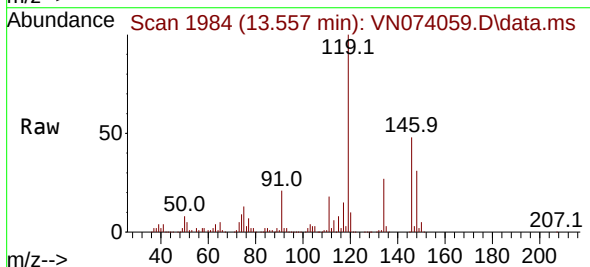
Tgt Ion:105 Resp: 54070
 Ion Ratio Lower Upper
 105 100
 134 21.7 0.0 39.4

Manual Integrations
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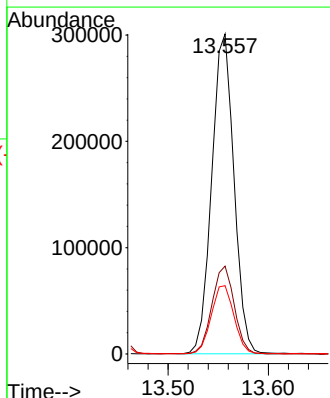
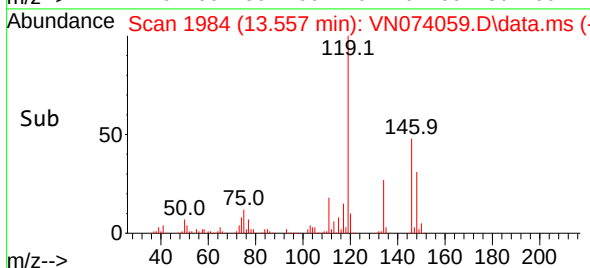
Reviewed By :Krupa Patel 08/24/2022
 Supervised By :Mahesh Dadoda 08/24/2022

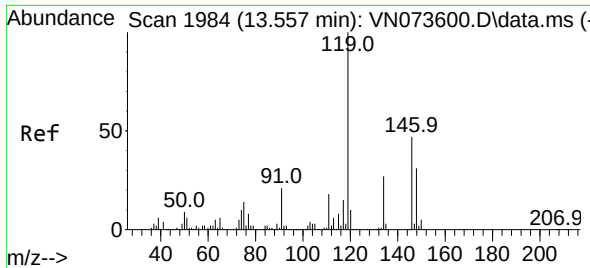


#82
 p-Isopropyltoluene
 Concen: 20.039 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074059.D
 Acq: 23 Aug 2022 10:20



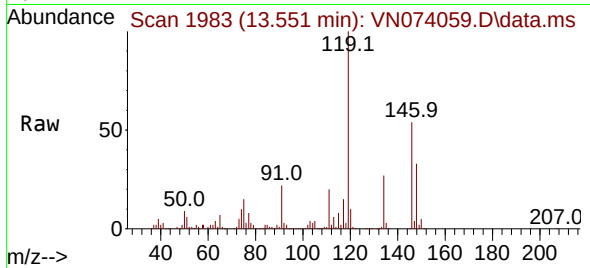
Tgt Ion:119 Resp: 462978
 Ion Ratio Lower Upper
 119 100
 134 27.7 0.0 51.8
 91 21.9 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.171 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

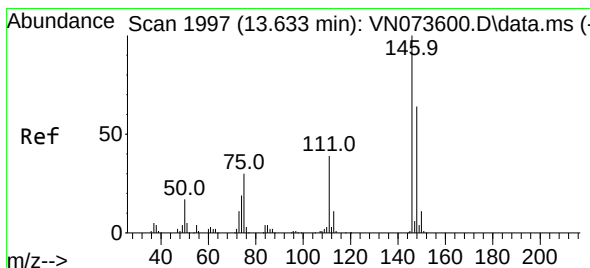
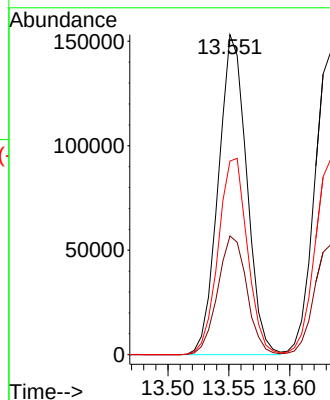
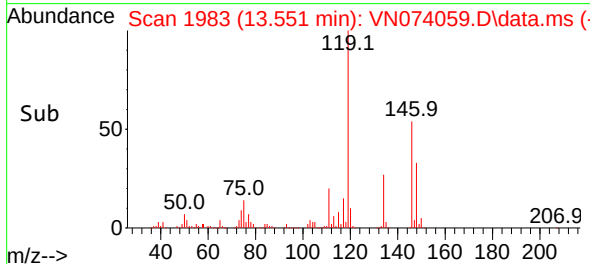
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:146 Resp: 248235
Ion Ratio Lower Upper
146 100
111 38.2 20.8 62.2
148 63.2 31.4 94.3

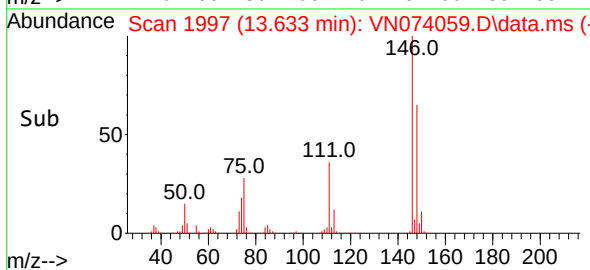
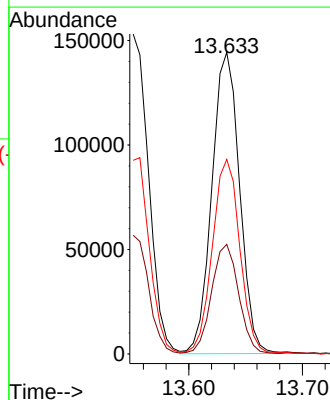
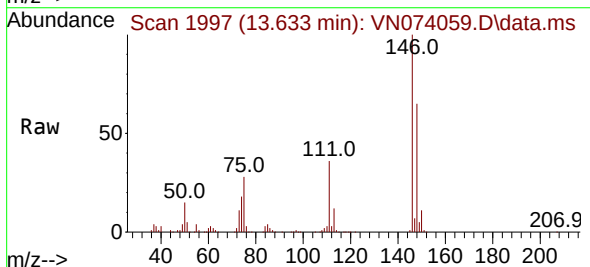
Manual Integrations
APPROVED

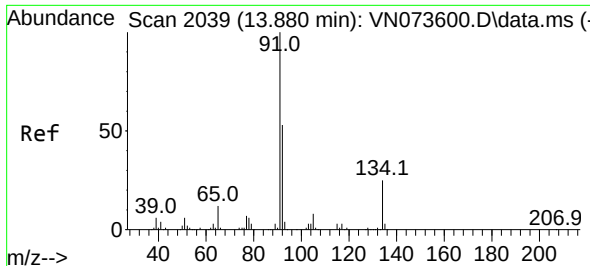
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#84
1,4-Dichlorobenzene
Concen: 20.581 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

Tgt Ion:146 Resp: 244321
Ion Ratio Lower Upper
146 100
111 35.8 19.5 58.5
148 64.6 31.1 93.5





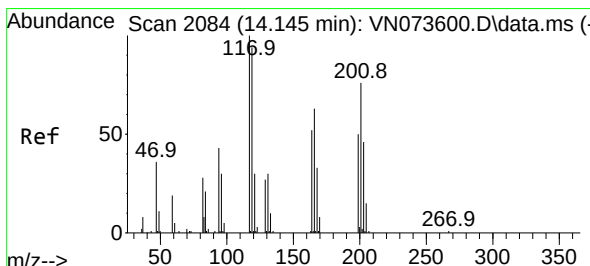
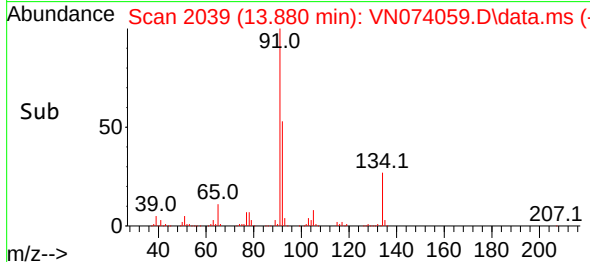
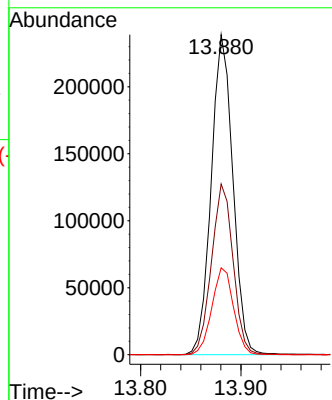
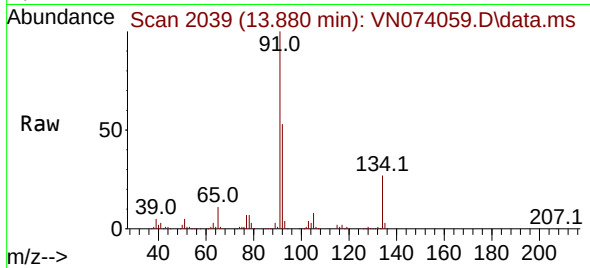
#85
n-Butylbenzene
Concen: 19.156 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 35876
Ion Ratio Lower Upper
91 100
92 53.2 0.0 100.6
134 27.2 0.0 50.2

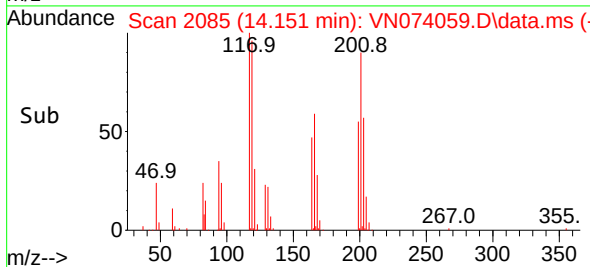
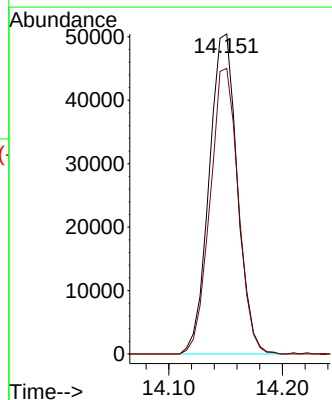
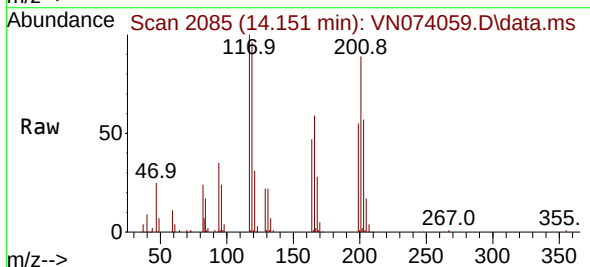
Manual Integrations
APPROVED

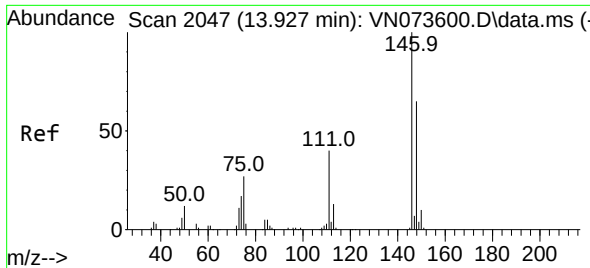
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#86
Hexachloroethane
Concen: 20.529 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

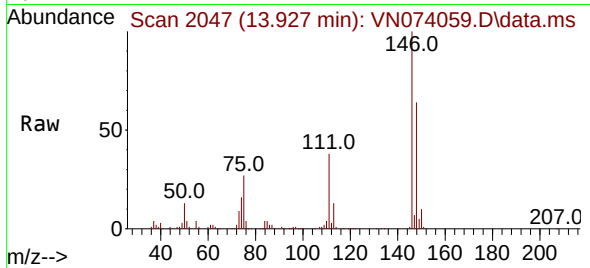
Tgt Ion:117 Resp: 86983
Ion Ratio Lower Upper
117 100
201 89.1 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 20.419 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

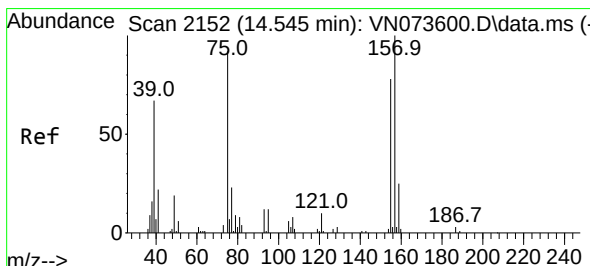
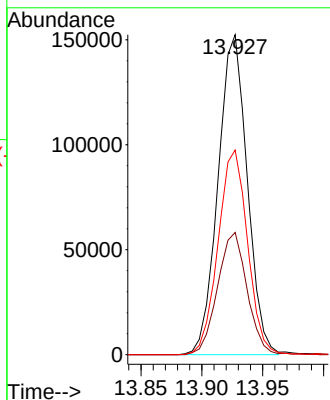
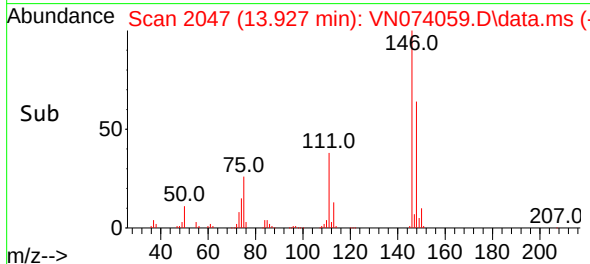
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



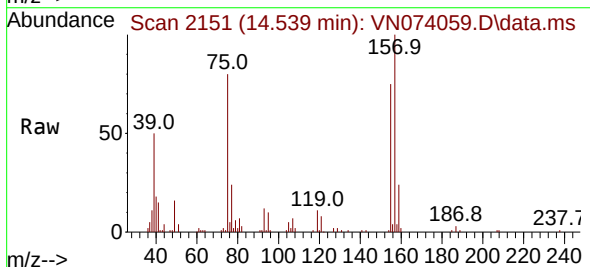
Tgt Ion:146 Resp: 254056
Ion Ratio Lower Upper
146 100
111 38.8 21.4 64.2
148 64.6 32.5 97.4

Manual Integrations
APPROVED

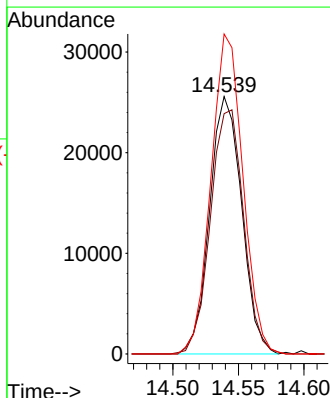
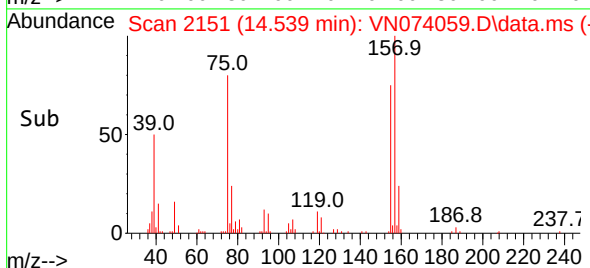
Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022

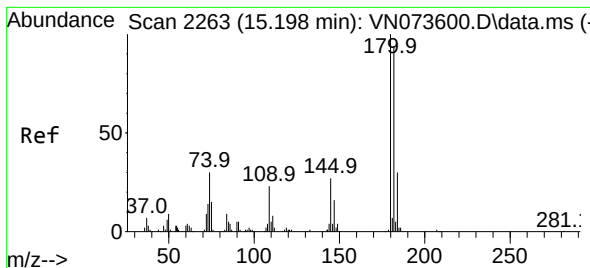


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.955 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



Tgt Ion: 75 Resp: 43558
Ion Ratio Lower Upper
75 100
155 97.9 63.8 95.8#
157 123.7 77.9 116.9#





#89

1,2,4-Trichlorobenzene

Concen: 22.209 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VN074059.D

Acq: 23 Aug 2022 10:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

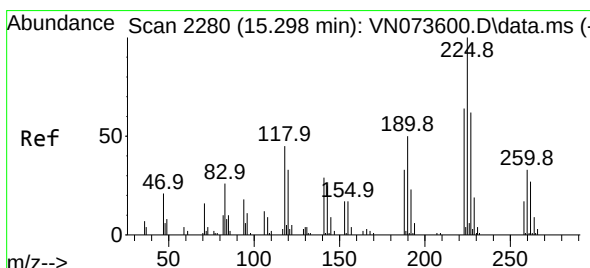
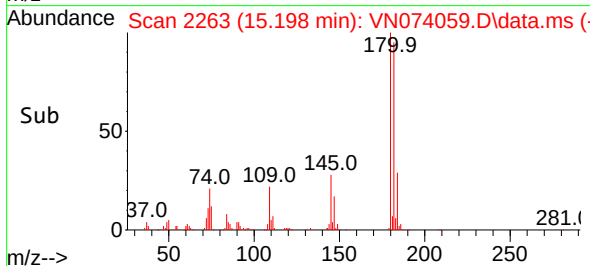
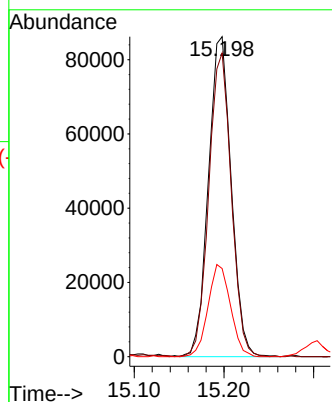
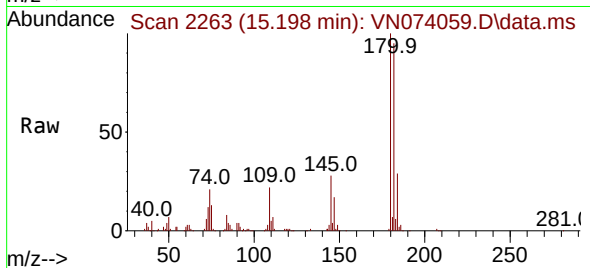
Tgt Ion:180	Resp:	15208
Ion Ratio	Lower	Upper
180	100	
182	93.4	77.7 116.5
145	28.3	26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 08/24/2022

Supervised By :Mahesh Dadoda 08/24/2022



#90

Hexachlorobutadiene

Concen: 22.852 ug/l

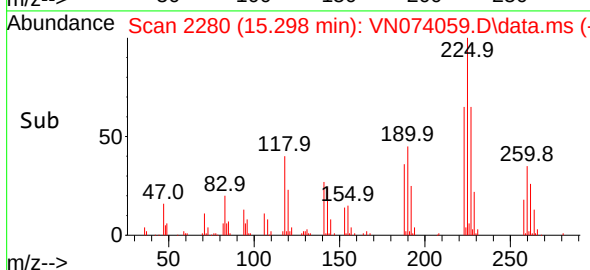
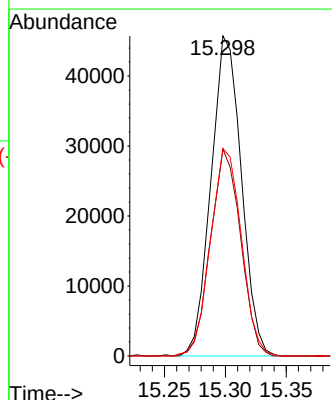
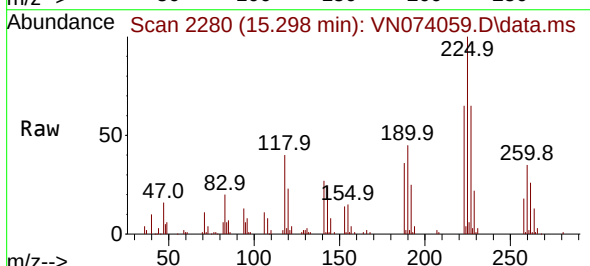
RT: 15.298 min Scan# 2280

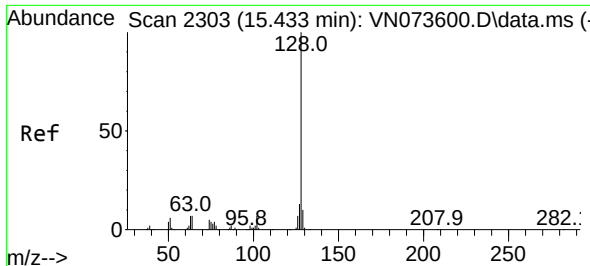
Delta R.T. 0.000 min

Lab File: VN074059.D

Acq: 23 Aug 2022 10:20

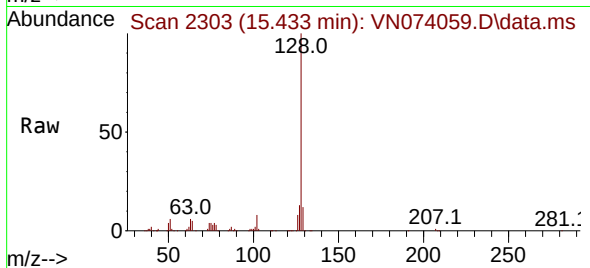
Tgt Ion:225	Resp:	79257
Ion Ratio	Lower	Upper
225	100	
223	64.2	0.0 126.8
227	65.7	0.0 123.0





#91
Naphthalene
Concen: 21.772 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20

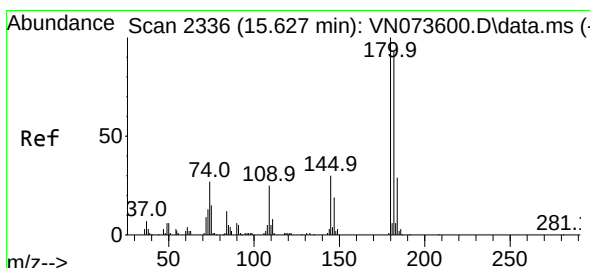
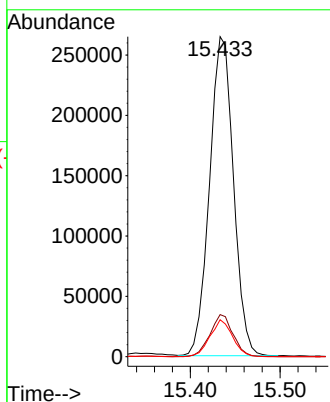
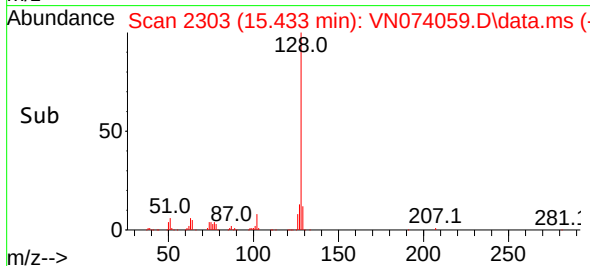
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



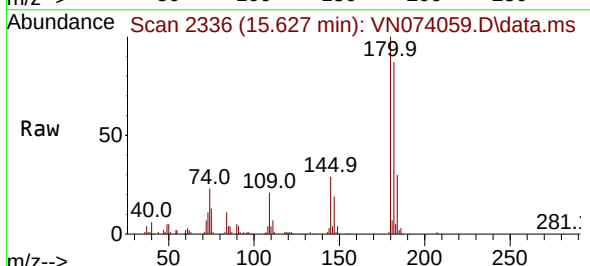
Tgt Ion:128 Resp: 489540
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 10.9 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/24/2022
Supervised By :Mahesh Dadoda 08/24/2022



#92
1,2,3-Trichlorobenzene
Concen: 22.152 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074059.D
Acq: 23 Aug 2022 10:20



Tgt Ion:180 Resp: 155827
Ion Ratio Lower Upper
180 100
182 94.1 0.0 190.0
145 29.8 0.0 67.8

