

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090922\
 Data File : VN074373.D
 Acq On : 09 Sep 2022 12:25
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/12/2022
 Supervised By : Mahesh Dadoda 09/12/2022

Quant Time: Sep 10 05:41:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 05:38:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	354023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	646077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	616381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	306410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	297775	48.615	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.240%		
35) Dibromofluoromethane	7.951	113	216513	49.640	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.280%		
50) Toluene-d8	10.380	98	858102	50.491	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.980%		
62) 4-Bromofluorobenzene	12.674	95	318490	51.617	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	208750	45.500	ug/l	100
3) Chloromethane	2.269	50	277781	42.902	ug/l	100
4) Vinyl Chloride	2.404	62	351470	45.855	ug/l	100
5) Bromomethane	2.781	94	253410	47.373	ug/l	100
6) Chloroethane	2.946	64	244721	43.127	ug/l	100
7) Trichlorofluoromethane	3.304	101	345959	45.712	ug/l	100
8) Diethyl Ether	3.763	74	143469	44.926	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.134	101	199592	44.009	ug/l	100
10) Methyl Iodide	4.345	142	253648	48.381	ug/l	100
11) Tert butyl alcohol	5.287	59	387062	241.595	ug/l	100
12) 1,1-Dichloroethene	4.104	96	202171	45.811	ug/l	100
13) Acrolein	3.975	56	250460	235.348	ug/l	100
14) Allyl chloride	4.757	41	446253	46.099	ug/l	100
15) Acrylonitrile	5.469	53	902984	246.356	ug/l	100
16) Acetone	4.222	43	768999	232.552	ug/l	100
17) Carbon Disulfide	4.451	76	554604	46.240	ug/l	100
18) Methyl Acetate	4.769	43	450783	46.243	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	832922	46.892	ug/l	100
20) Methylene Chloride	5.010	84	247644	43.374	ug/l	100
21) trans-1,2-Dichloroethene	5.510	96	219707	44.522	ug/l	100
22) Diisopropyl ether	6.410	45	942491	48.355	ug/l	100
23) Vinyl Acetate	6.345	43	4342688	252.749	ug/l	100
24) 1,1-Dichloroethane	6.298	63	463889	46.319	ug/l	100
25) 2-Butanone	7.257	43	1363940	245.716	ug/l	100
26) 2,2-Dichloropropane	7.245	77	409051	45.148	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	276717	45.419	ug/l	100
28) Bromochloromethane	7.581	49	151096	42.411	ug/l	100
29) Tetrahydrofuran	7.610	42	901023	245.553	ug/l	100
30) Chloroform	7.745	83	488120	48.828	ug/l	100
31) Cyclohexane	8.028	56	435774	44.734	ug/l	100
32) 1,1,1-Trichloroethane	7.939	97	428101	47.736	ug/l	100
36) 1,1-Dichloropropene	8.151	75	352409	49.044	ug/l	100
37) Ethyl Acetate	7.334	43	512721	49.144	ug/l	100
38) Carbon Tetrachloride	8.133	117	372392	50.200	ug/l	100
39) Methylcyclohexane	9.392	83	438593	48.160	ug/l	100
40) Benzene	8.386	78	1089600	49.526	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	279451	54.030	ug/l	100
42) 1,2-Dichloroethane	8.463	62	406109	48.285	ug/l	100
43) Isopropyl Acetate	8.492	43	845033	49.572	ug/l	100
44) Trichloroethene	9.151	130	240028	48.665	ug/l	100
45) 1,2-Dichloropropane	9.428	63	281673	48.230	ug/l	100
46) Dibromomethane	9.516	93	196039	49.025	ug/l	100
47) Bromodichloromethane	9.698	83	395327	49.598	ug/l	100
48) Methyl methacrylate	9.498	41	355510	47.322	ug/l	100
49) 1,4-Dioxane	9.504	88	161923	1022.782	ug/l	100
51) 4-Methyl-2-Pentanone	10.269	43	2824713	253.386	ug/l	100
52) Toluene	10.445	92	705786	51.874	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	458999	52.201	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	462883	49.381	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	280704	50.052	ug/l	100
56) Ethyl methacrylate	10.704	69	509275	53.444	ug/l	100
57) 1,3-Dichloropropane	10.986	76	496190	50.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1105344	249.354	ug/l	100
59) 2-Hexanone	11.027	43	2220050	258.062	ug/l	100
60) Dibromochloromethane	11.180	129	302637	53.298	ug/l	100
61) 1,2-Dibromoethane	11.286	107	295294	51.179	ug/l	100
64) Tetrachloroethene	10.916	164	198551	47.517	ug/l	100
65) Chlorobenzene	11.710	112	728878	49.041	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	278886	48.037	ug/l	100
67) Ethyl Benzene	11.786	91	1384436	49.316	ug/l	100
68) m/p-Xylenes	11.898	106	1055255	99.993	ug/l	100
69) o-Xylene	12.221	106	530647	50.023	ug/l	100
70) Styrene	12.233	104	891334	52.851	ug/l	100
71) Bromoform	12.398	173	231098	53.143	ug/l #	100
73) Isopropylbenzene	12.521	105	1391364	47.263	ug/l	100
74) N-amyl acetate	12.333	43	775948	45.271	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.768	83	498732	45.080	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	399686m	38.444	ug/l	100
77) Bromobenzene	12.804	156	296646	46.939	ug/l	100
78) n-propylbenzene	12.863	91	1674022	49.637	ug/l	100
79) 2-Chlorotoluene	12.951	91	982177	47.767	ug/l	100
80) 1,3,5-Trimethylbenzene	13.004	105	1178547	48.254	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	178115	49.564	ug/l	100
82) 4-Chlorotoluene	13.045	91	971531	48.970	ug/l	100
83) tert-Butylbenzene	13.268	119	1049695	47.738	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	1185630	48.978	ug/l	100
85) sec-Butylbenzene	13.445	105	1500022	50.129	ug/l	100
86) p-Isopropyltoluene	13.557	119	1204419	50.286	ug/l	100
87) 1,3-Dichlorobenzene	13.557	146	569963	48.779	ug/l	100
88) 1,4-Dichlorobenzene	13.639	146	572407	48.494	ug/l	100
89) n-Butylbenzene	13.886	91	1068392	52.420	ug/l	100
90) Hexachloroethane	14.151	117	243219	48.068	ug/l	100
91) 1,2-Dichlorobenzene	13.933	146	584040	47.529	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.545	75	131338	43.611	ug/l	100
93) 1,2,4-Trichlorobenzene	15.198	180	305129	49.831	ug/l	100
94) Hexachlorobutadiene	15.304	225	129406	46.627	ug/l	100
95) Naphthalene	15.439	128	1229678	51.330	ug/l	100
96) 1,2,3-Trichlorobenzene	15.633	180	309826	48.895	ug/l	100

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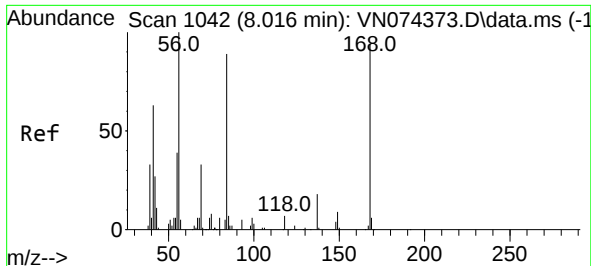
Manual Integrations
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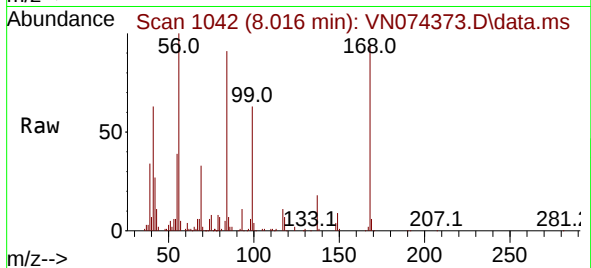
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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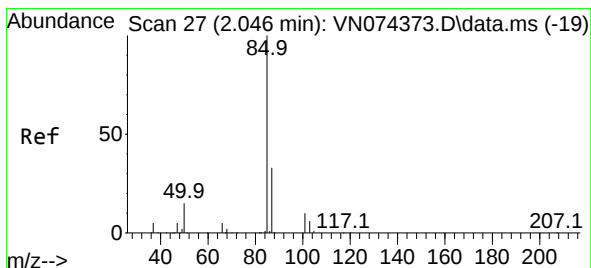
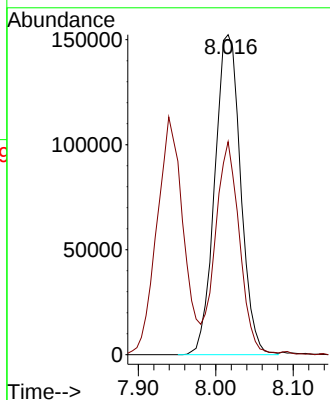
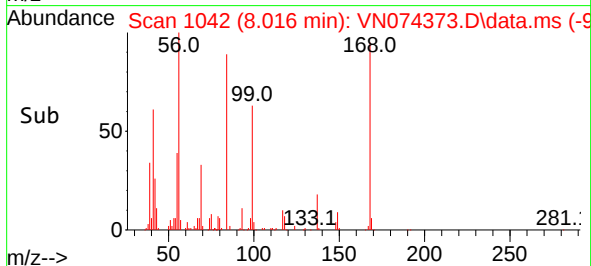
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 35402
Ion Ratio Lower Upper
168 100
99 66.0 52.8 79.2

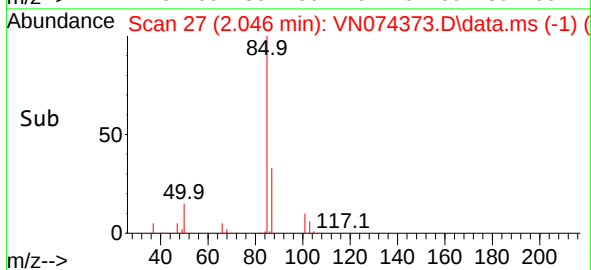
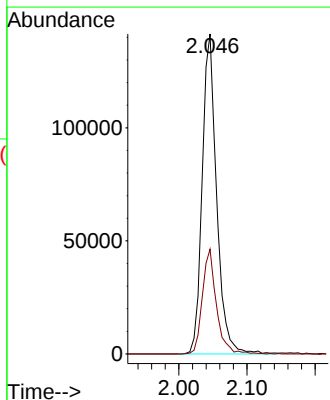
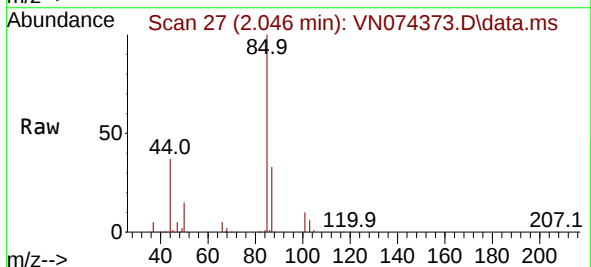
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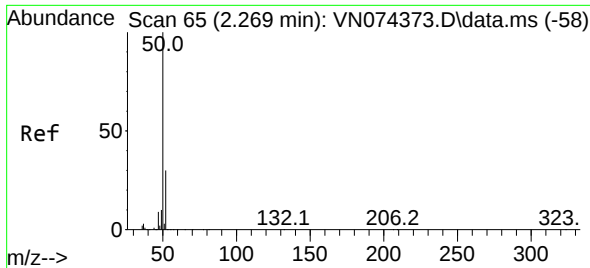
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#2
Dichlorodifluoromethane
Concen: 45.500 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

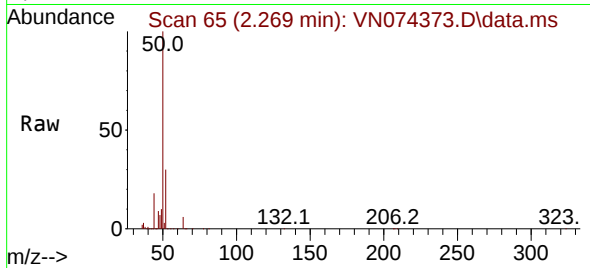
Tgt Ion: 85 Resp: 208750
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.2





#3
Chloromethane
Concen: 42.902 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

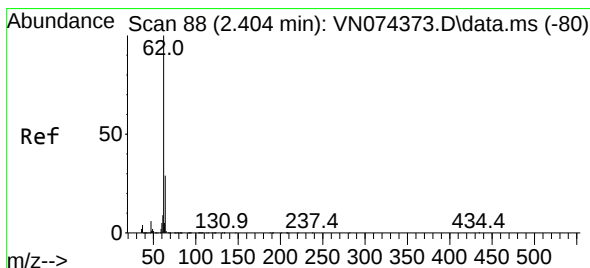
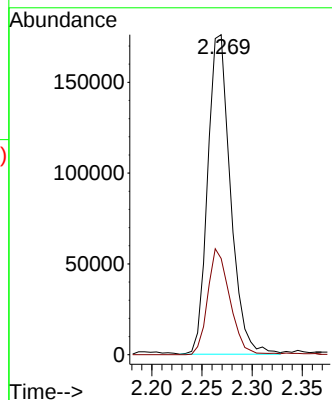
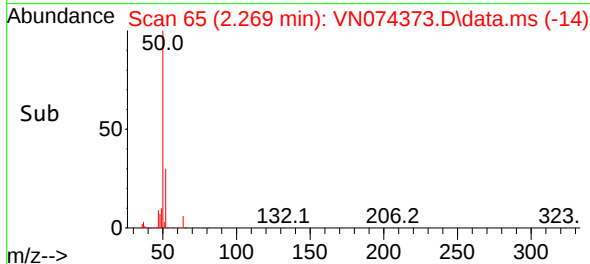
Instrument :
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Tgt Ion: 50 Resp: 27778
Ion Ratio Lower Upper
50 100
52 30.1 24.1 36.1

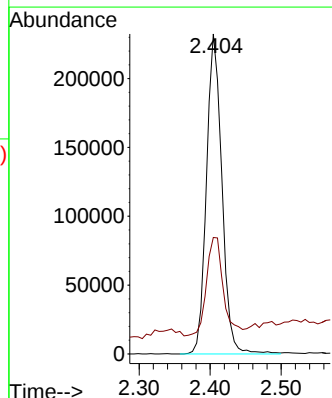
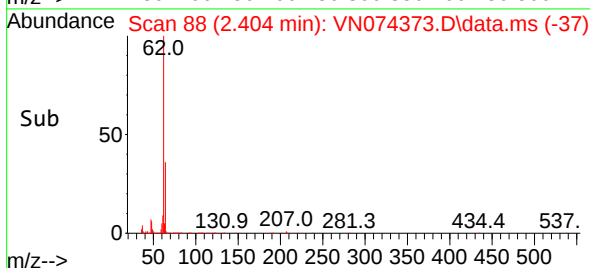
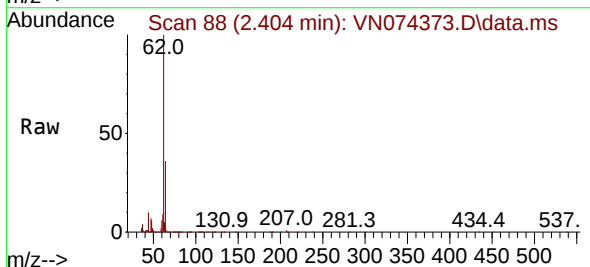
Manual Integrations
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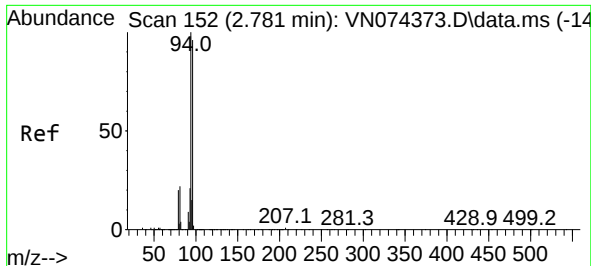
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#4
Vinyl Chloride
Concen: 45.855 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

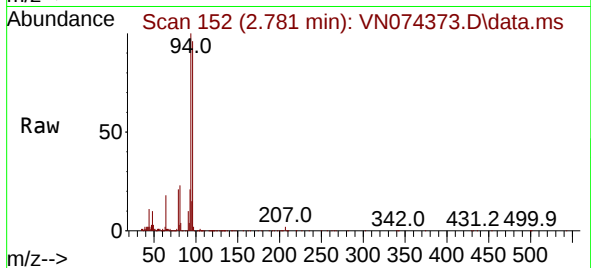
Tgt Ion: 62 Resp: 351470
Ion Ratio Lower Upper
62 100
64 29.4 23.5 35.3





#5
Bromomethane
Concen: 47.373 ug/l
RT: 2.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

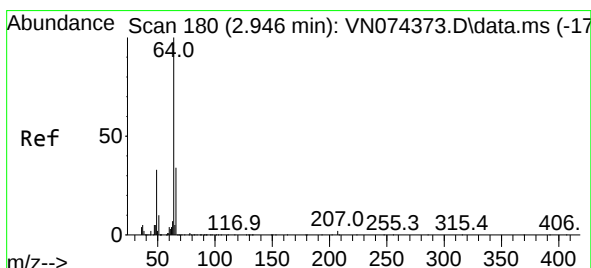
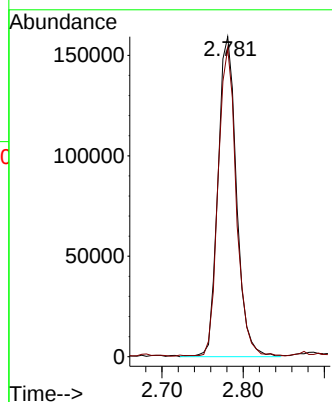
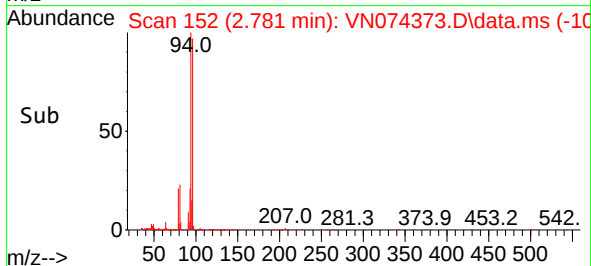
Instrument :
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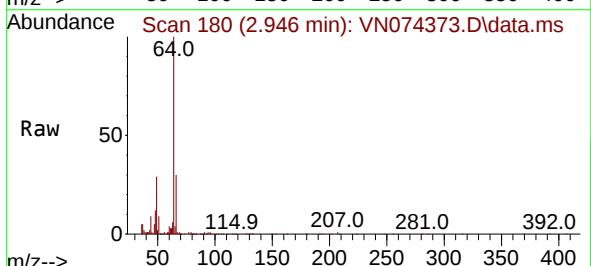
Tgt Ion: 94 Resp: 253410
Ion Ratio Lower Upper
94 100
96 95.9 76.7 115.1

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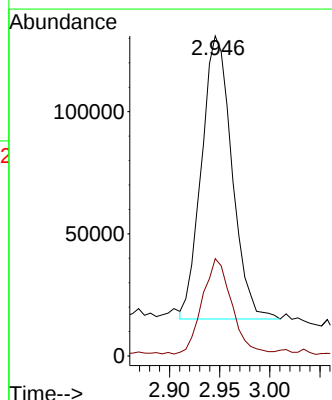
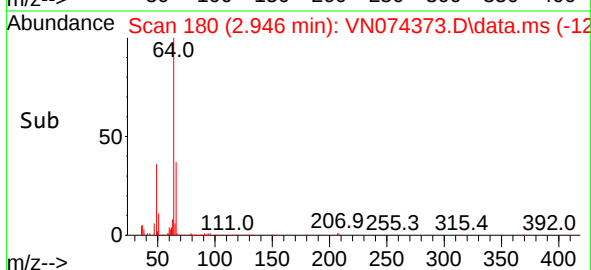
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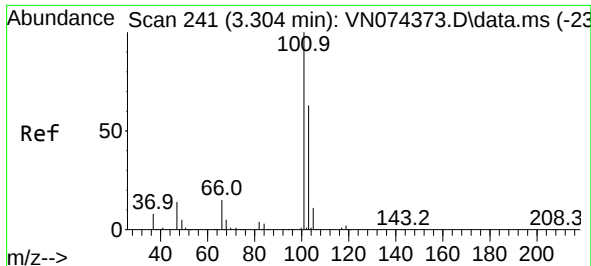


#6
Chloroethane
Concen: 43.127 ug/l
RT: 2.946 min Scan# 180
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



Tgt Ion: 64 Resp: 244721
Ion Ratio Lower Upper
64 100
66 33.1 26.5 39.7





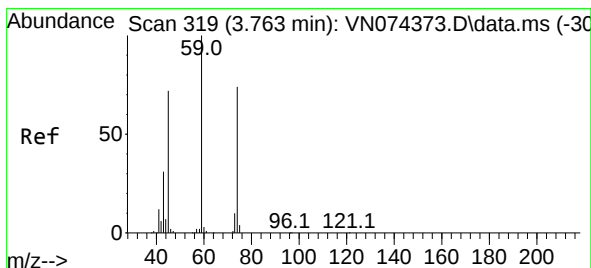
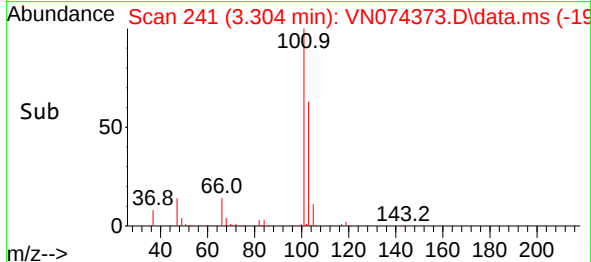
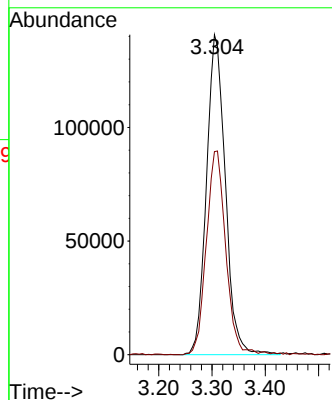
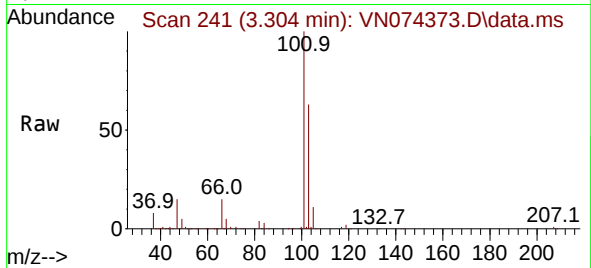
#7
 Trichlorofluoromethane
 Concen: 45.712 ug/l
 RT: 3.304 min Scan# 241
 Delta R.T. 0.000 min
 Lab File: VN074373.D
 Acq: 09 Sep 2022 12:25

Instrument :
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 ClientSampleId :
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Tgt Ion: 101 Resp: 345959
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.8 76.2

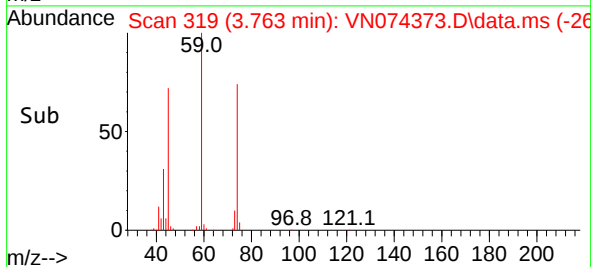
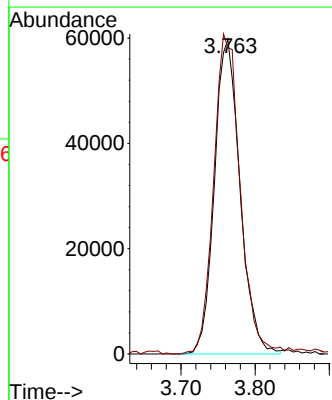
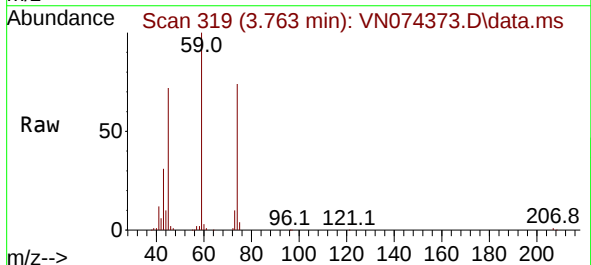
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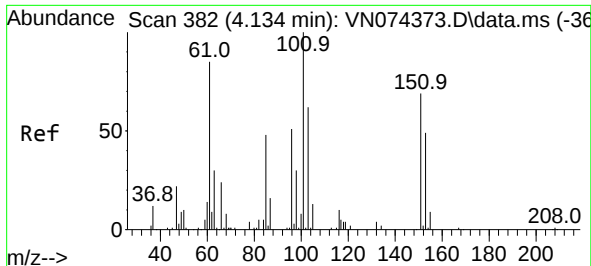
Reviewed By : John Carlone 09/12/2022
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#8
 Diethyl Ether
 Concen: 44.926 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN074373.D
 Acq: 09 Sep 2022 12:25

Tgt Ion: 74 Resp: 143469
 Ion Ratio Lower Upper
 74 100
 45 104.9 52.4 157.3





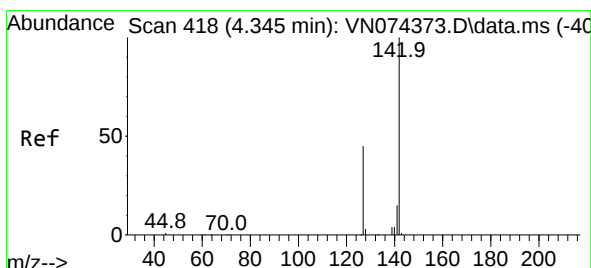
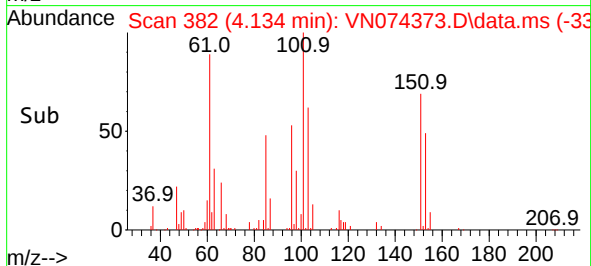
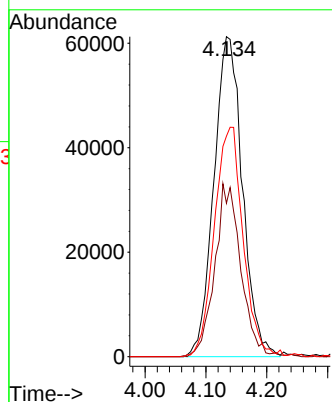
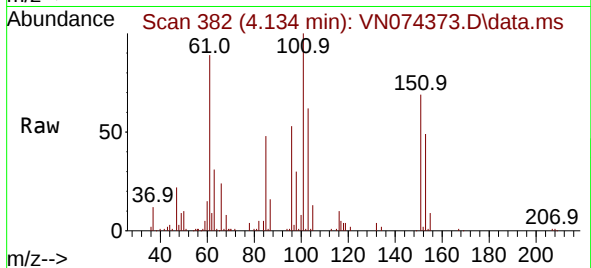
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.009 ug/l
RT: 4.134 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 199592
Ion Ratio Lower Upper
101 100
85 49.4 39.5 59.3
151 72.2 57.8 86.6

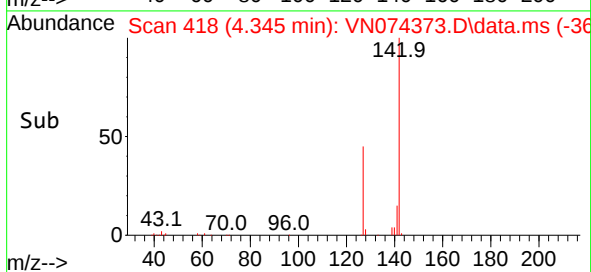
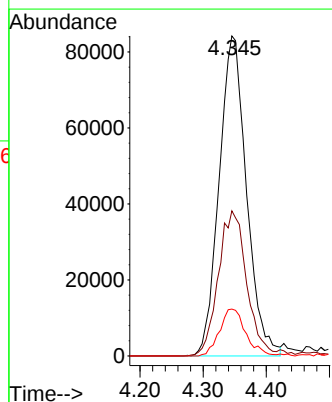
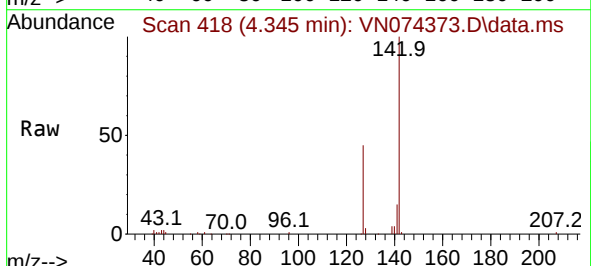
Manual Integrations
APPROVED

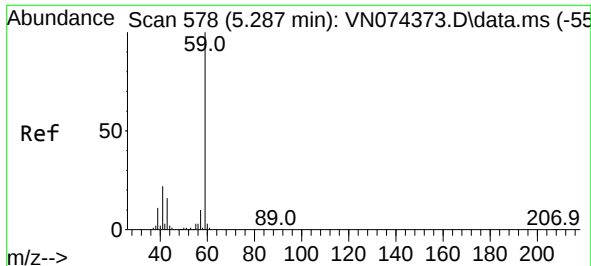
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#10
Methyl Iodide
Concen: 48.381 ug/l
RT: 4.345 min Scan# 418
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

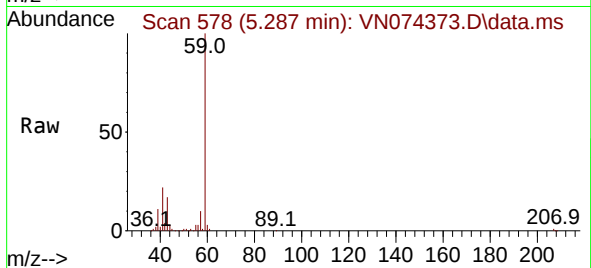
Tgt Ion:142 Resp: 253648
Ion Ratio Lower Upper
142 100
127 46.8 37.4 56.2
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 241.595 ug/l
RT: 5.287 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

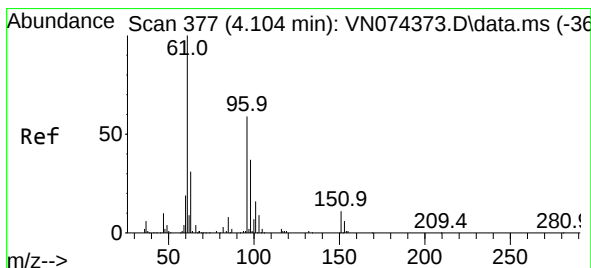
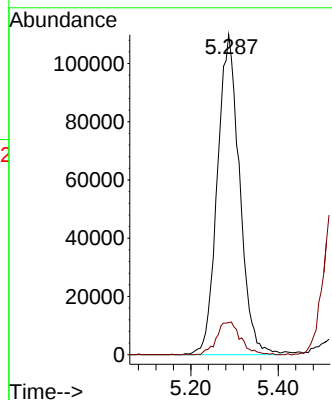
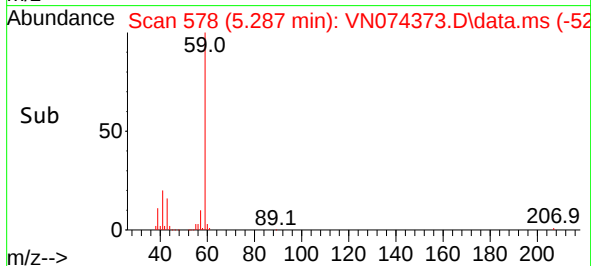
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



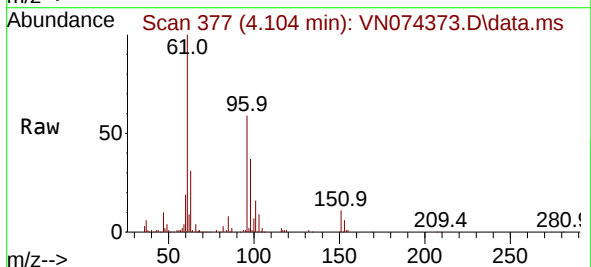
Tgt Ion: 59 Resp: 387062
Ion Ratio Lower Upper
59 100
57 11.0 8.8 13.2

Manual Integrations
APPROVED

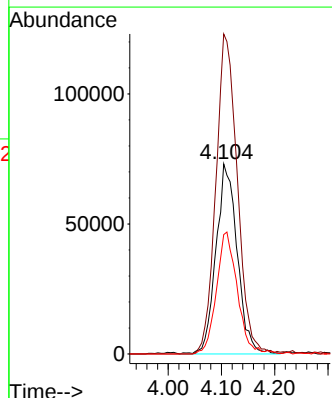
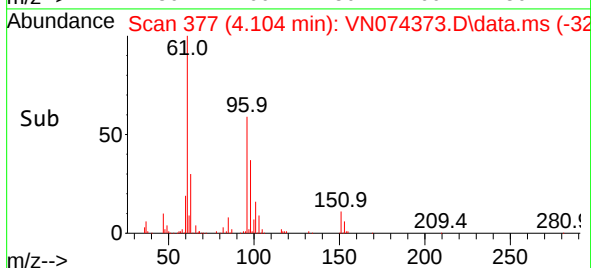
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

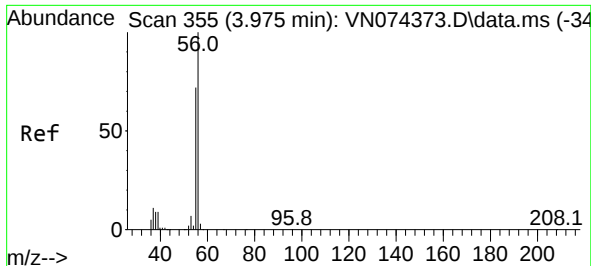


#12
1,1-Dichloroethene
Concen: 45.811 ug/l
RT: 4.104 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



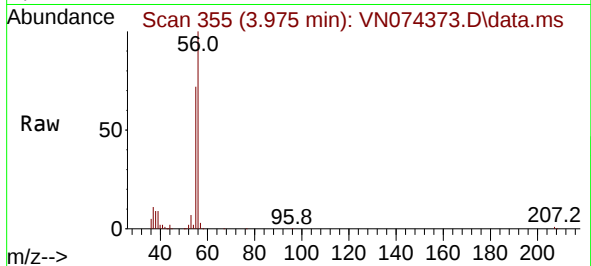
Tgt Ion: 96 Resp: 202171
Ion Ratio Lower Upper
96 100
61 168.4 134.7 202.1
98 62.8 50.2 75.4





#13
Acrolein
Concen: 235.348 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

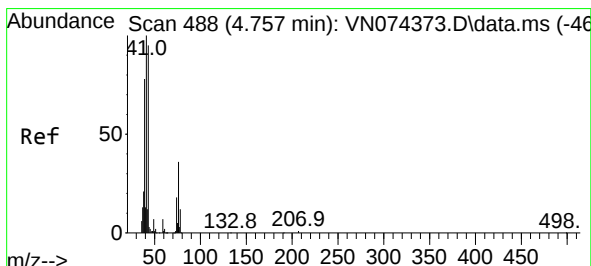
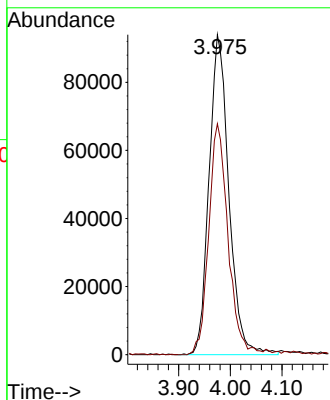
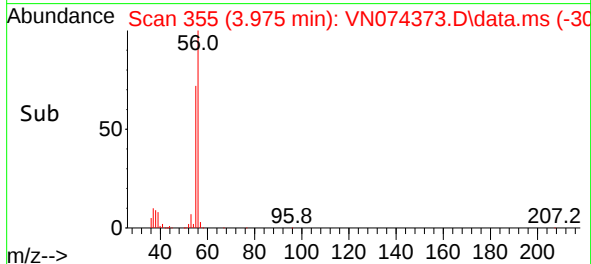
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



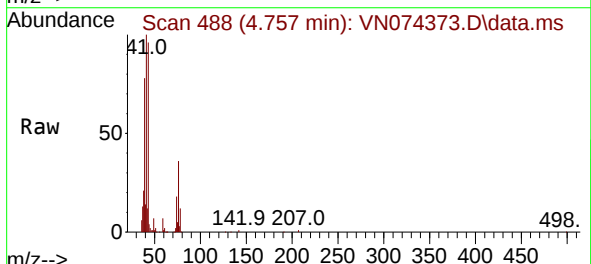
Tgt Ion: 56 Resp: 250460
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.4

Manual Integrations
APPROVED

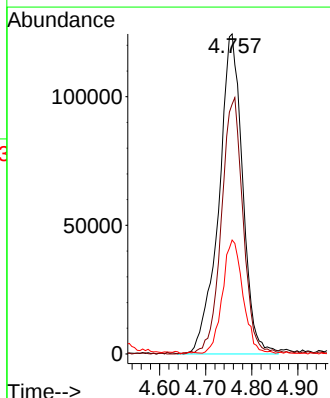
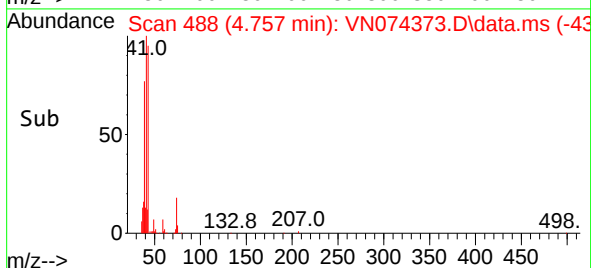
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

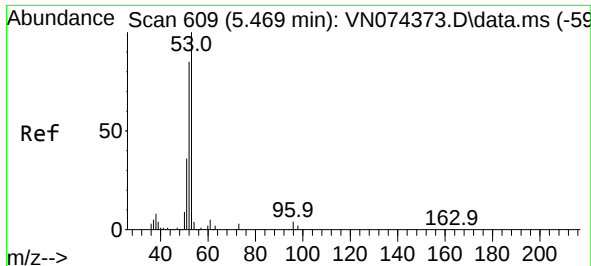


#14
Allyl chloride
Concen: 46.099 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



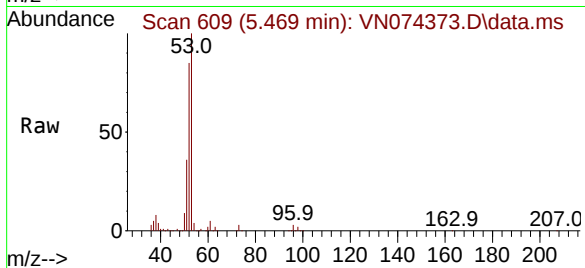
Tgt Ion: 41 Resp: 446253
Ion Ratio Lower Upper
41 100
39 73.1 58.5 87.7
76 30.3 24.2 36.4





#15
Acrylonitrile
Concen: 246.356 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

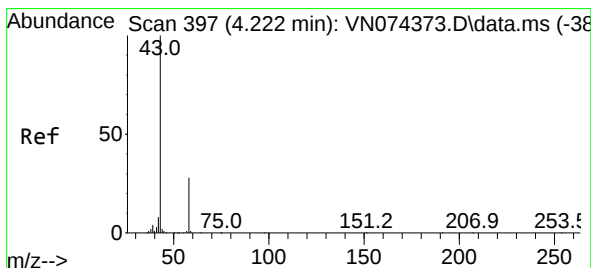
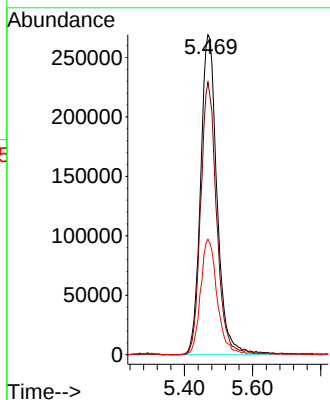
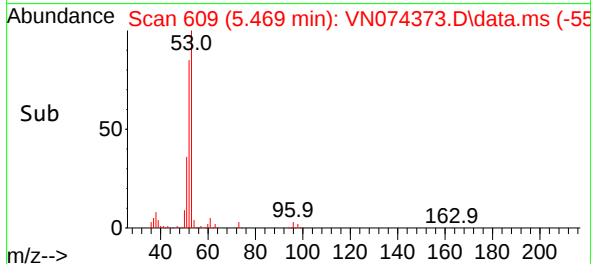
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



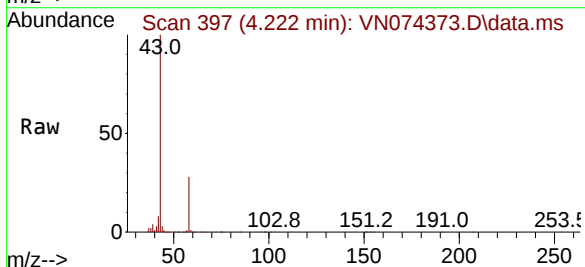
Tgt Ion: 53 Resp: 902984
Ion Ratio Lower Upper
53 100
52 82.4 65.9 98.9
51 36.8 29.4 44.2

Manual Integrations
APPROVED

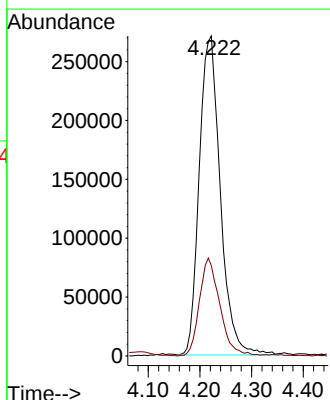
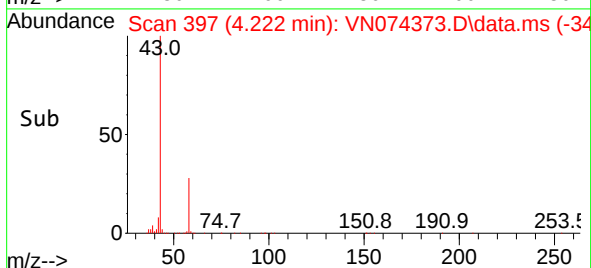
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

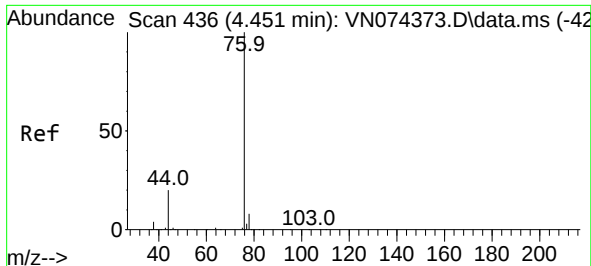


#16
Acetone
Concen: 232.552 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



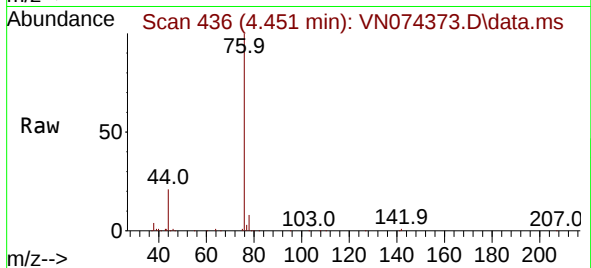
Tgt Ion: 43 Resp: 768999
Ion Ratio Lower Upper
43 100
58 28.4 22.7 34.1





#17
Carbon Disulfide
Concen: 46.240 ug/l
RT: 4.451 min Scan# 436
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

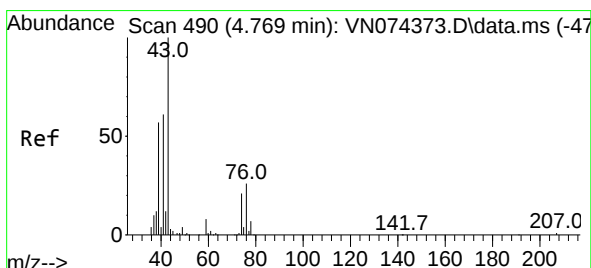
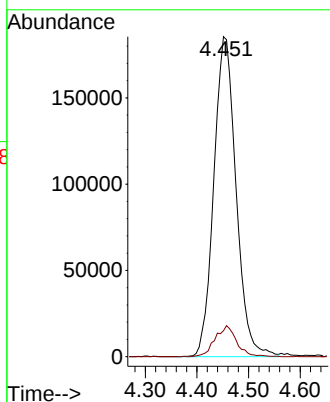
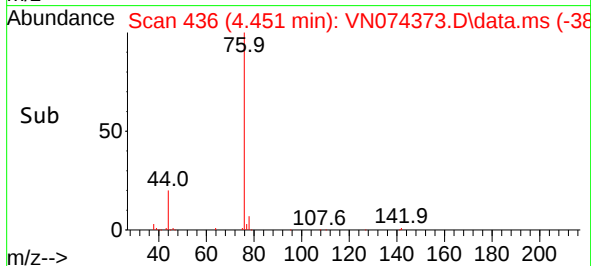
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 554604
Ion Ratio Lower Upper
76 100
78 8.1 6.5 9.7

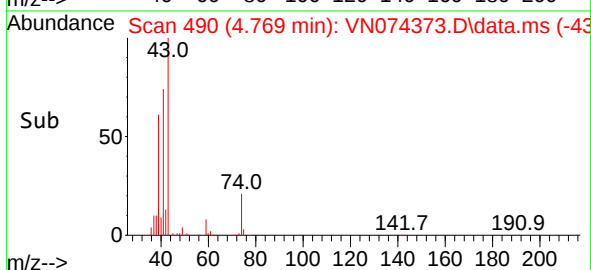
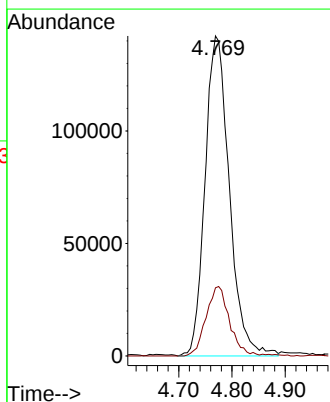
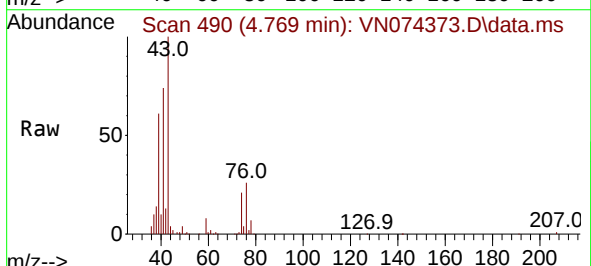
Manual Integrations
APPROVED

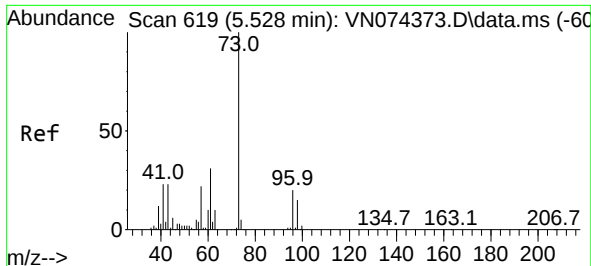
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#18
Methyl Acetate
Concen: 46.243 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

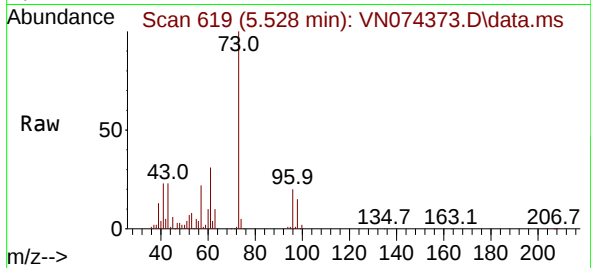
Tgt Ion: 43 Resp: 450783
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 46.892 ug/l
RT: 5.528 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

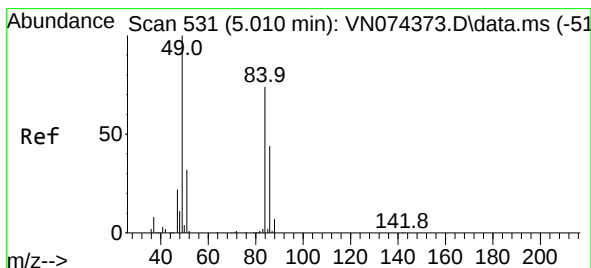
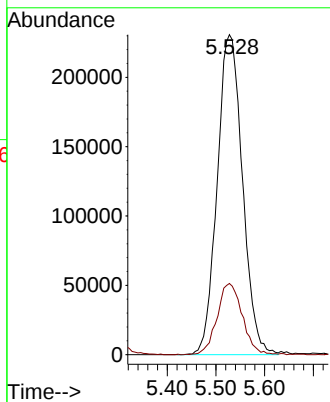
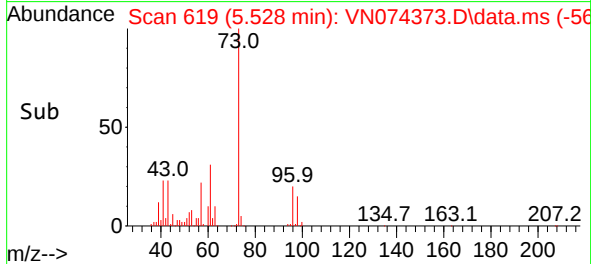
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 83292
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

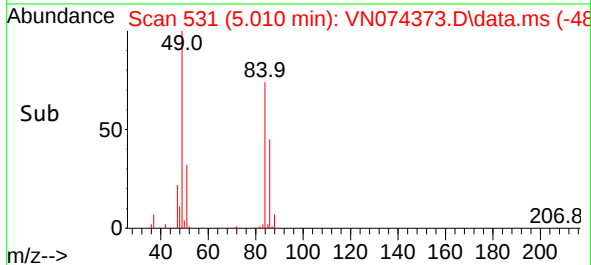
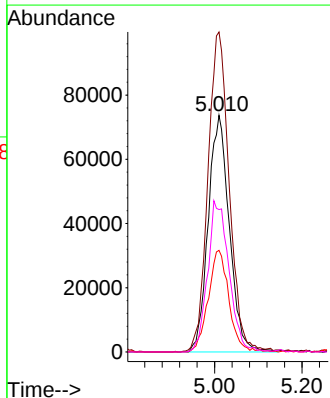
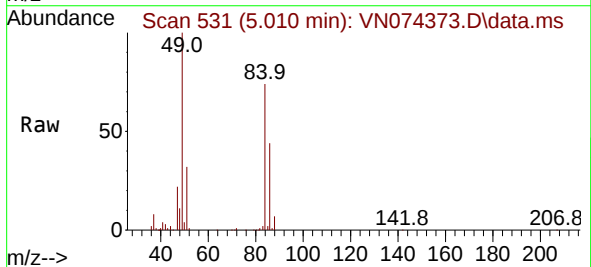
Manual Integrations
APPROVED

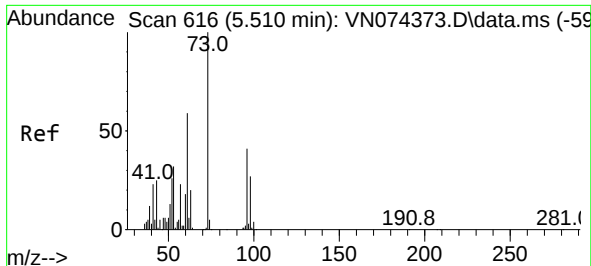
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#20
Methylene Chloride
Concen: 43.374 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

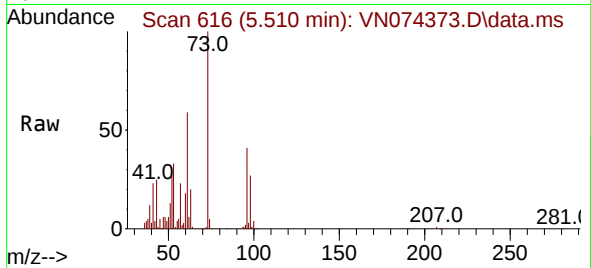
Tgt Ion: 84 Resp: 247644
Ion Ratio Lower Upper
84 100
49 135.3 108.2 162.4
51 42.9 34.3 51.5
86 60.2 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 44.522 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

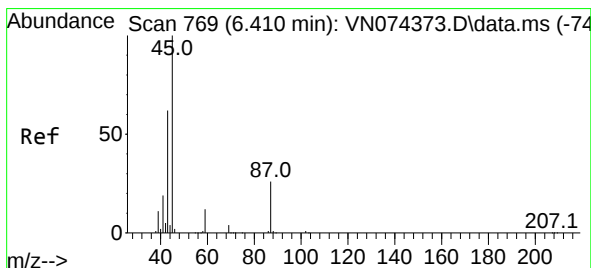
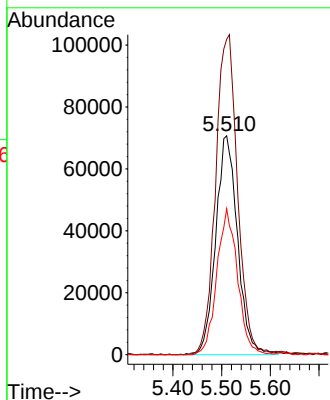
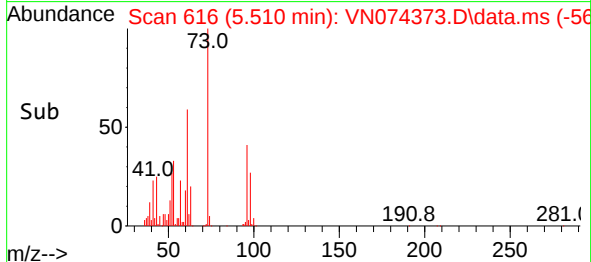
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 21970
Ion Ratio Lower Upper
96 100
61 144.1 115.3 172.9
98 66.7 53.4 80.0

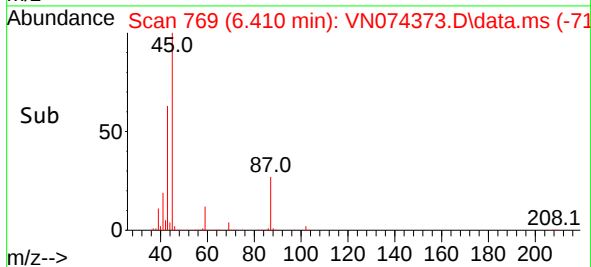
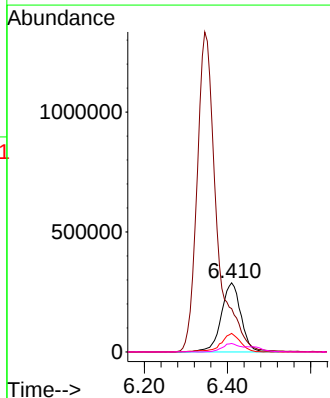
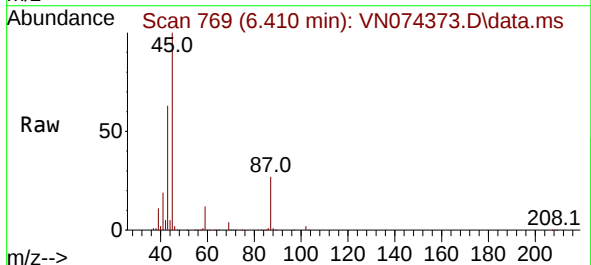
Manual Integrations
APPROVED

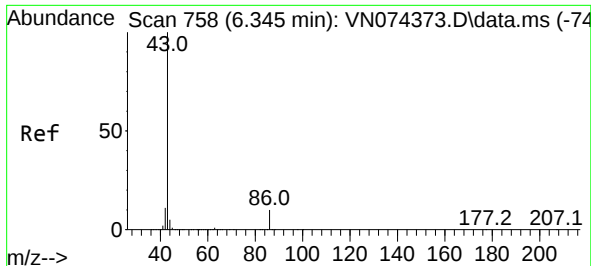
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#22
Diisopropyl ether
Concen: 48.355 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

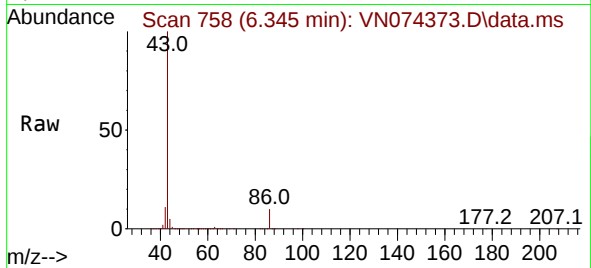
Tgt Ion: 45 Resp: 942491
Ion Ratio Lower Upper
45 100
43 61.7 49.4 74.0
87 26.6 21.3 31.9
59 11.9 9.5 14.3





#23
 Vinyl Acetate
 Concen: 252.749 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074373.D
 Acq: 09 Sep 2022 12:25

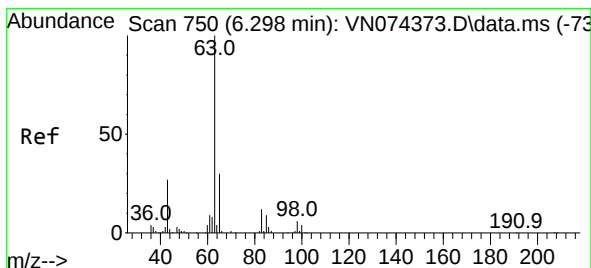
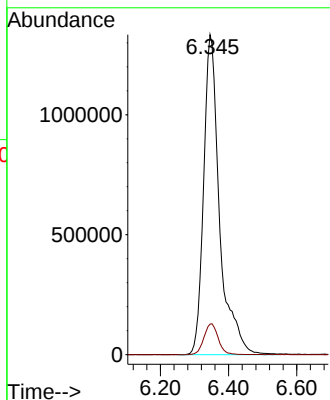
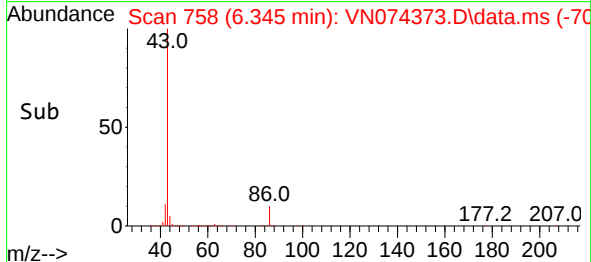
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 43 Resp: 4342688
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.6 11.4

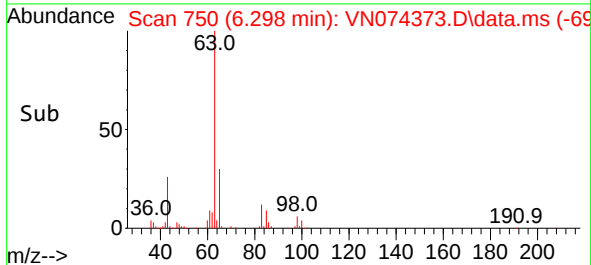
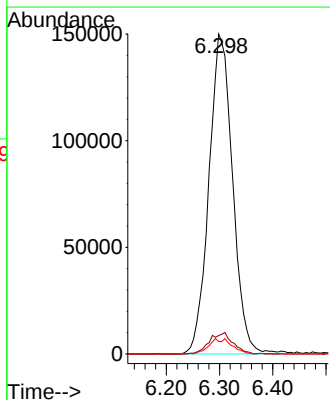
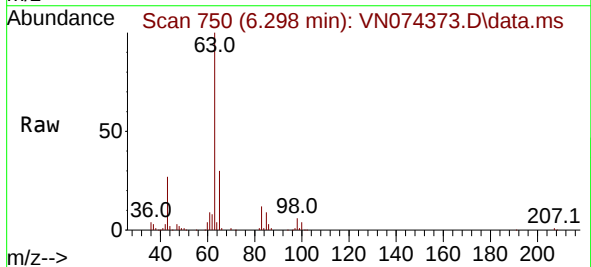
Manual Integrations
 APPROVED

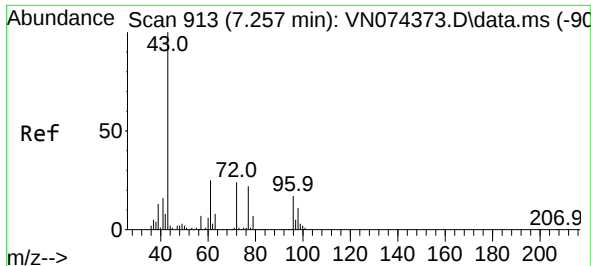
Reviewed By :John Carlone 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#24
 1,1-Dichloroethane
 Concen: 46.319 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. 0.000 min
 Lab File: VN074373.D
 Acq: 09 Sep 2022 12:25

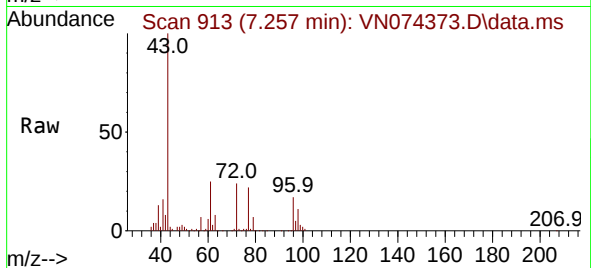
Tgt Ion: 63 Resp: 463889
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.6
 100 3.9 2.0 5.8





#25
2-Butanone
Concen: 245.716 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

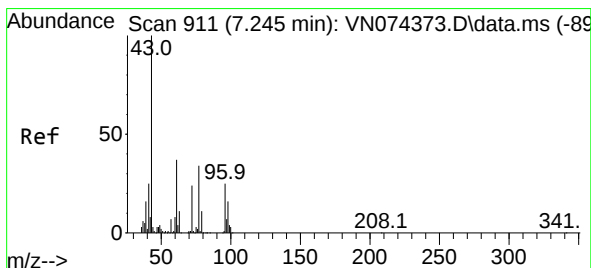
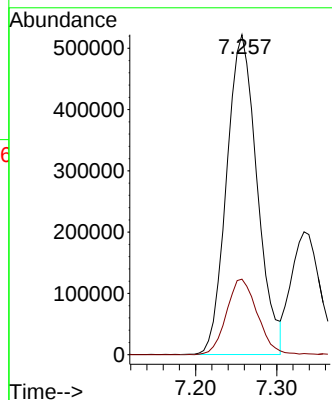
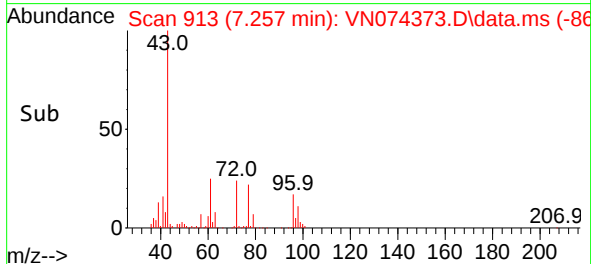
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1363940
Ion Ratio Lower Upper
43 100
72 23.6 18.9 28.3

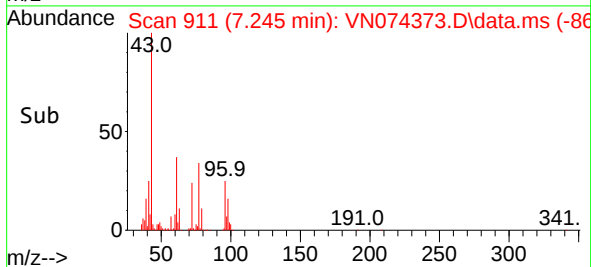
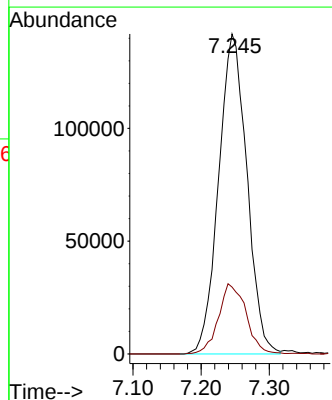
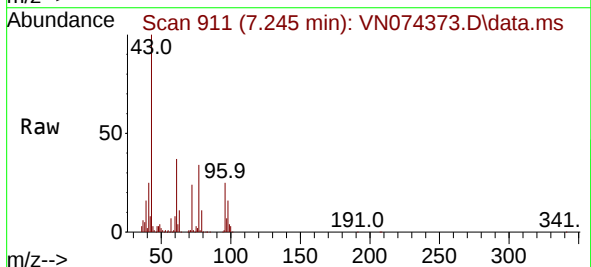
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#26
2,2-Dichloropropane
Concen: 45.148 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

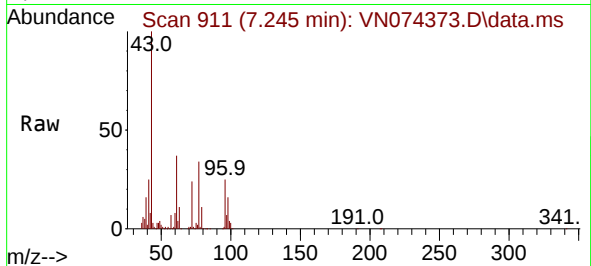
Tgt Ion: 77 Resp: 409051
Ion Ratio Lower Upper
77 100
97 21.4 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 45.419 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN074373.D
 Acq: 09 Sep 2022 12:25

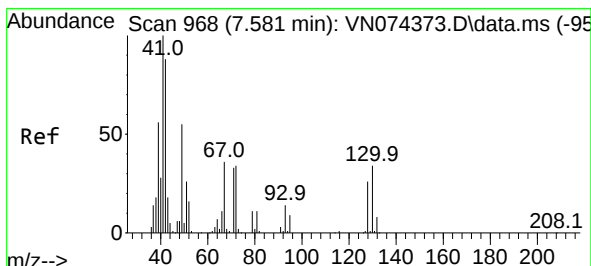
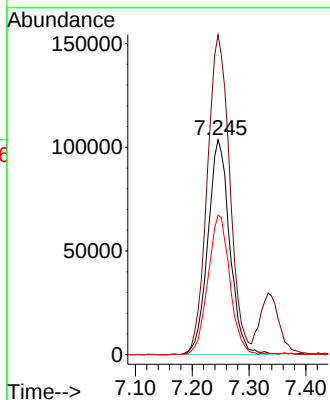
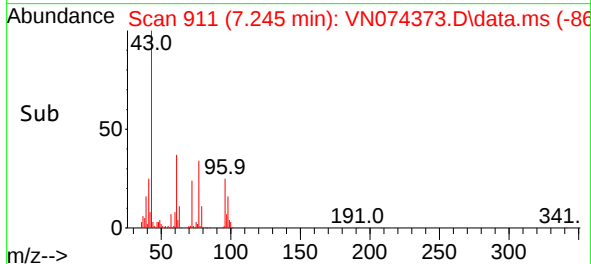
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



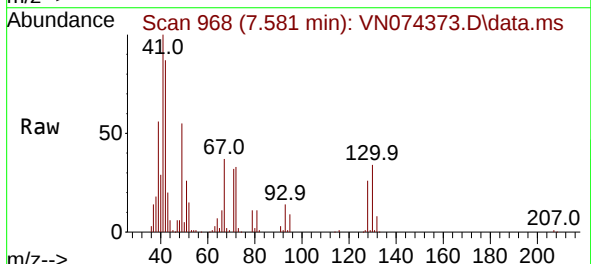
Tgt Ion: 96 Resp: 27671
 Ion Ratio Lower Upper
 96 100
 61 153.1 0.0 306.2
 98 64.9 0.0 129.8

Manual Integrations
 APPROVED

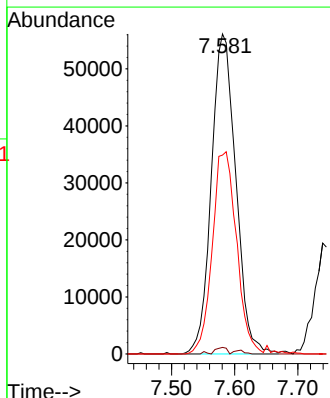
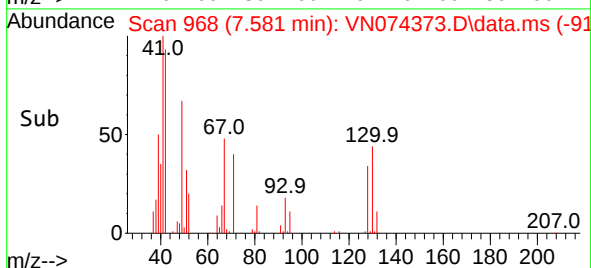
Reviewed By :John Carlone 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022

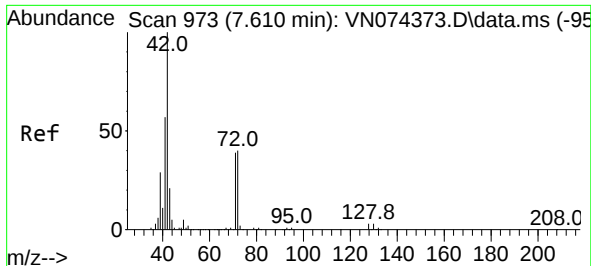


#28
 Bromochloromethane
 Concen: 42.411 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. 0.000 min
 Lab File: VN074373.D
 Acq: 09 Sep 2022 12:25



Tgt Ion: 49 Resp: 151096
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 2.2
 130 62.5 50.0 75.0





#29

Tetrahydrofuran

Concen: 245.553 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

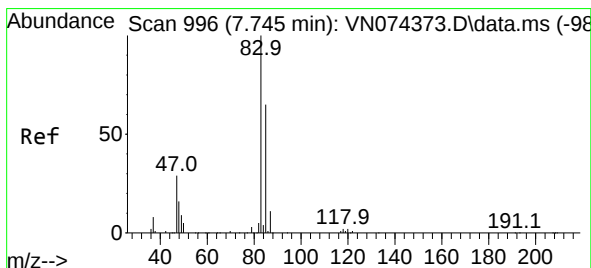
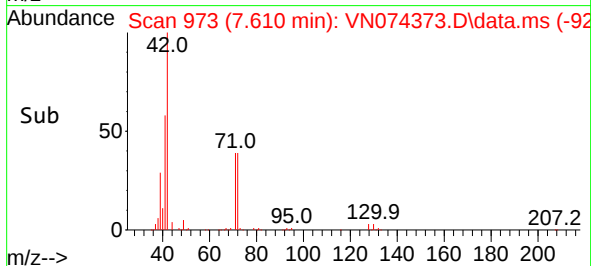
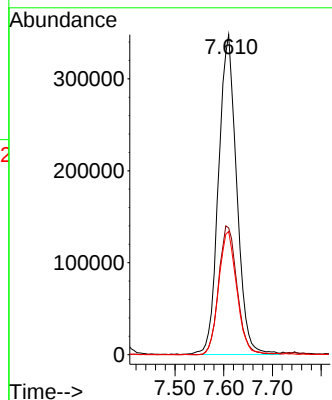
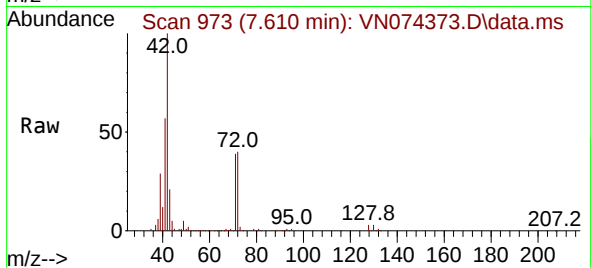
Tgt Ion:	42	Resp:	90102
Ion	Ratio	Lower	Upper
42	100		
72	40.9	32.7	49.1
71	38.8	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#30

Chloroform

Concen: 48.828 ug/l

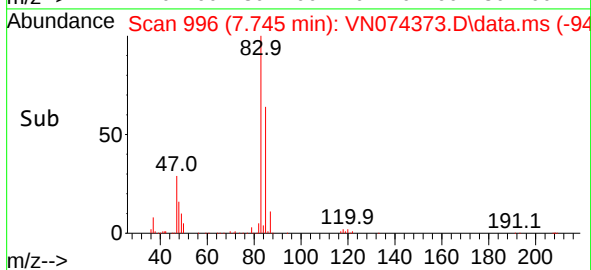
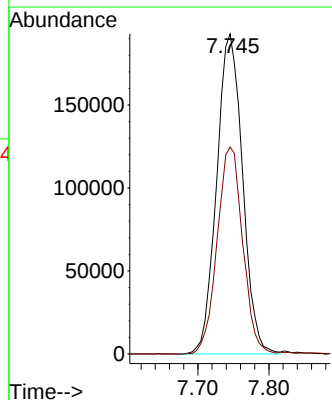
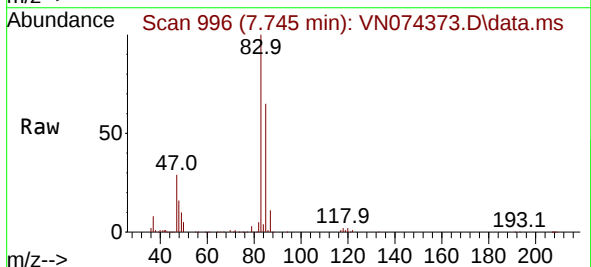
RT: 7.745 min Scan# 996

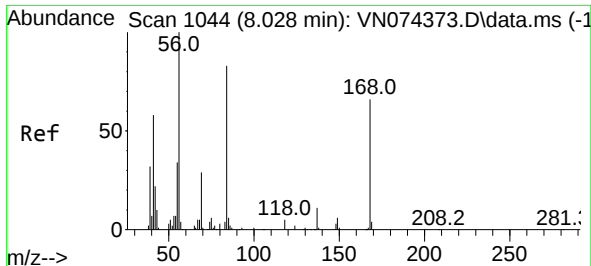
Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

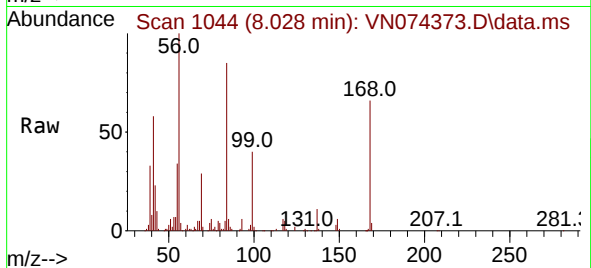
Tgt Ion:	83	Resp:	488120
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.8	77.6





#31
Cyclohexane
Concen: 44.734 ug/l
RT: 8.028 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

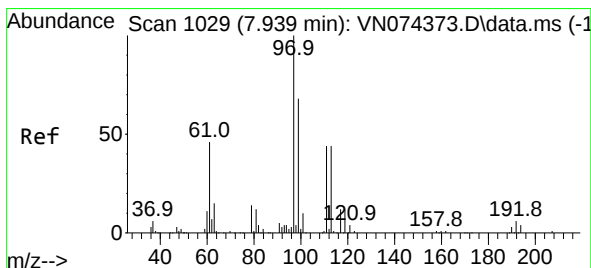
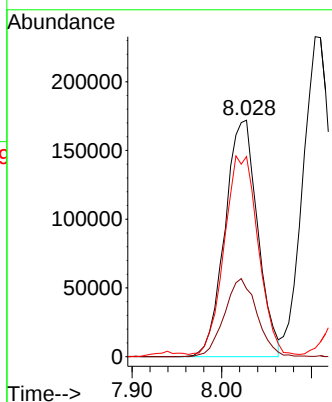
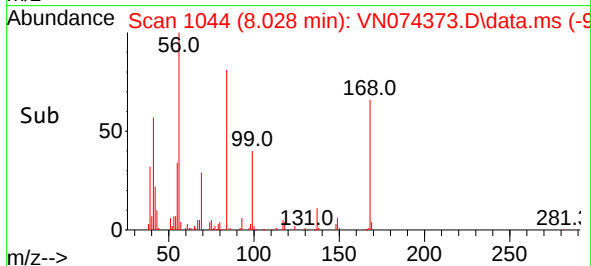
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



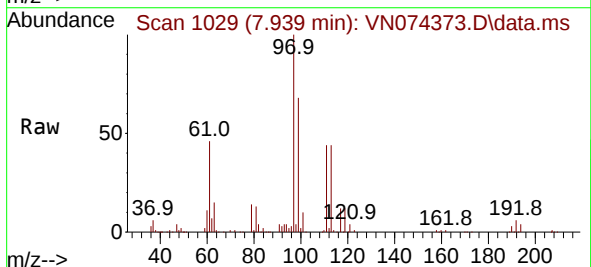
Tgt Ion: 56 Resp: 435774
Ion Ratio Lower Upper
56 100
69 28.7 23.0 34.4
84 82.9 66.3 99.5

Manual Integrations
APPROVED

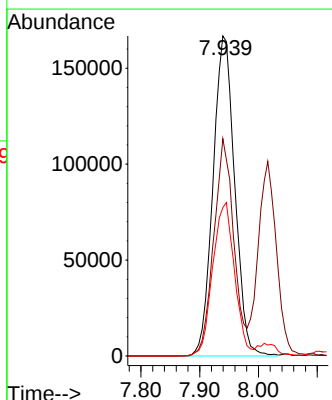
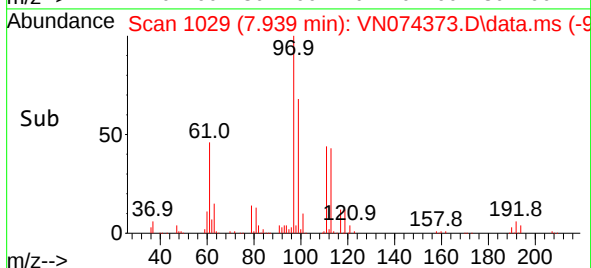
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

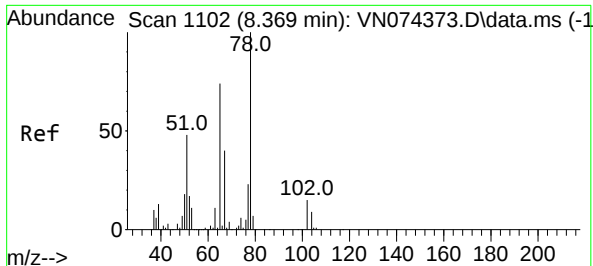


#32
1,1,1-Trichloroethane
Concen: 47.736 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



Tgt Ion: 97 Resp: 428101
Ion Ratio Lower Upper
97 100
99 62.7 50.2 75.2
61 48.4 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 48.615 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 29777

Ion Ratio Lower Upper

65 100

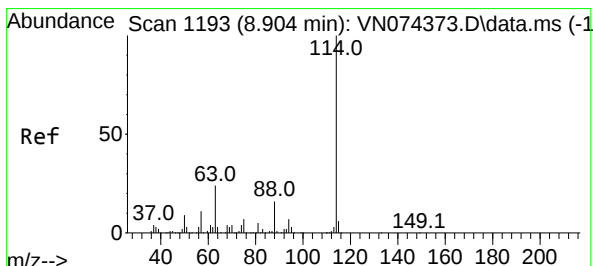
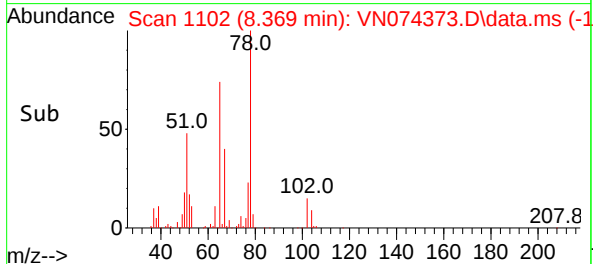
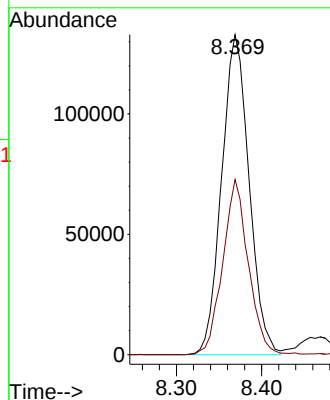
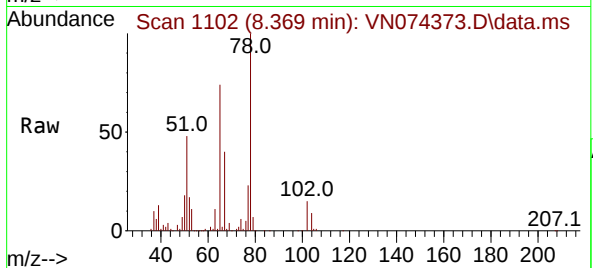
67 51.2 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

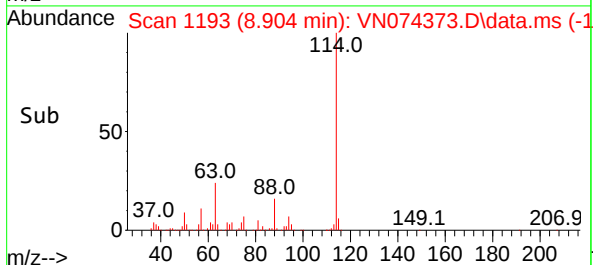
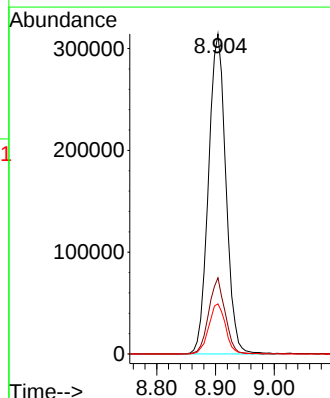
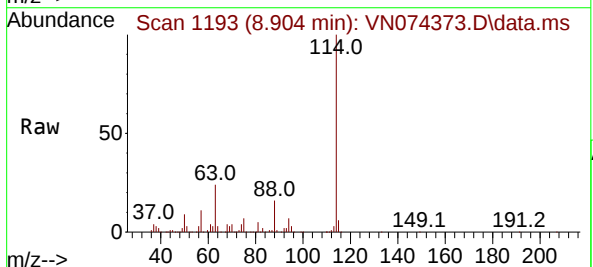
Tgt Ion:114 Resp: 646077

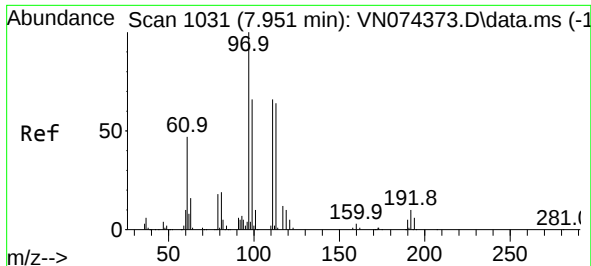
Ion Ratio Lower Upper

114 100

63 23.8 0.0 47.6

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.640 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 21651

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

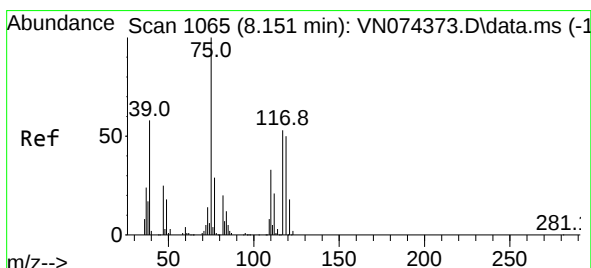
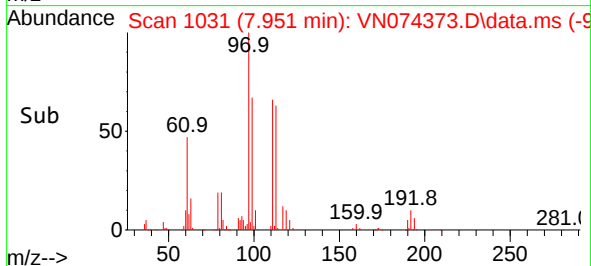
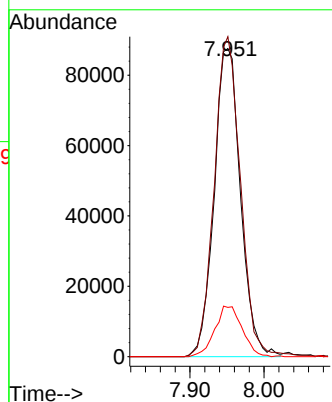
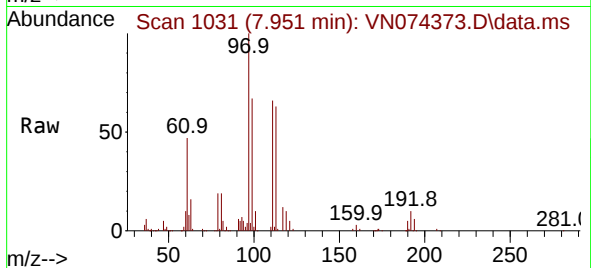
192 17.1 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#36

1,1-Dichloropropene

Concen: 49.044 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

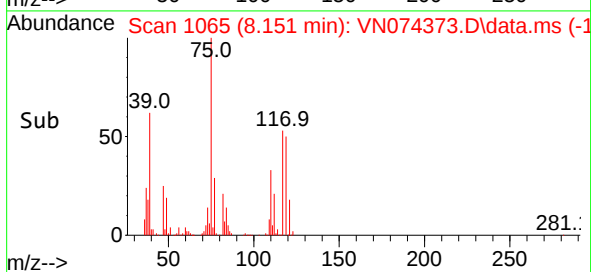
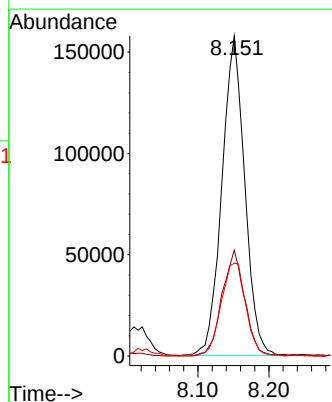
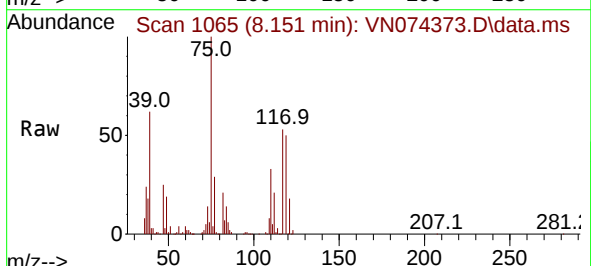
Tgt Ion: 75 Resp: 352409

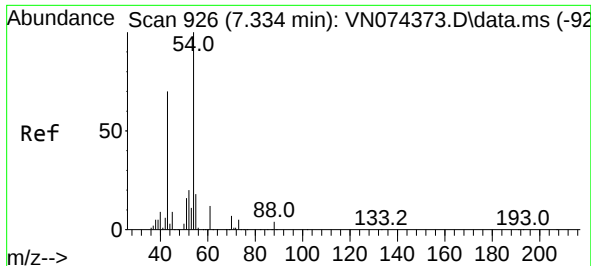
Ion Ratio Lower Upper

75 100

110 32.7 16.4 49.1

77 31.8 25.4 38.2





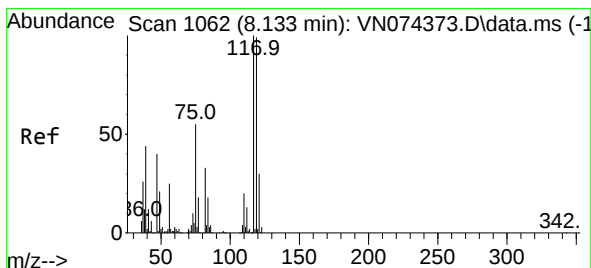
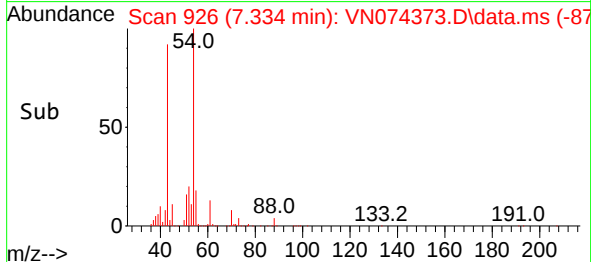
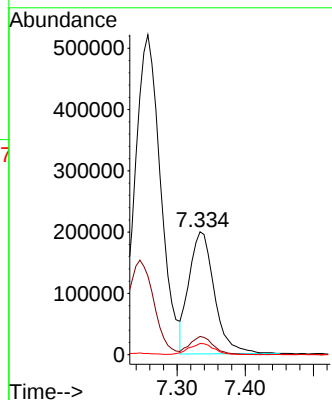
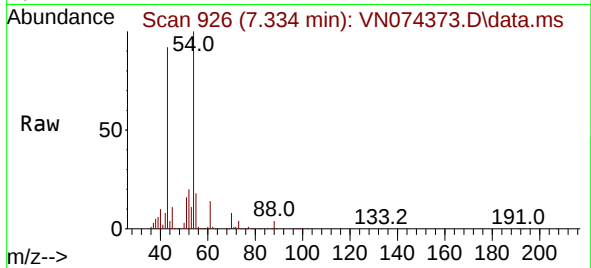
#37
Ethyl Acetate
Concen: 49.144 ug/l
RT: 7.334 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 51272
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 9.0 7.2 10.8

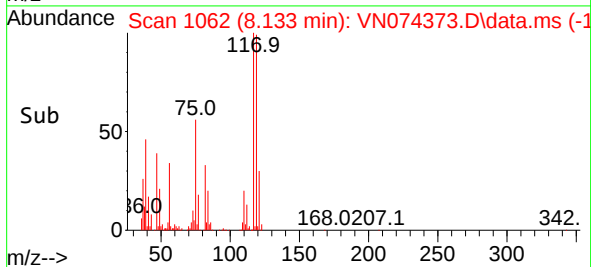
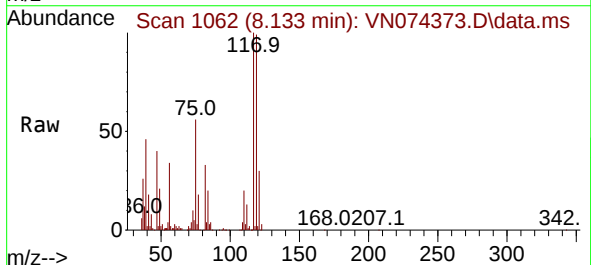
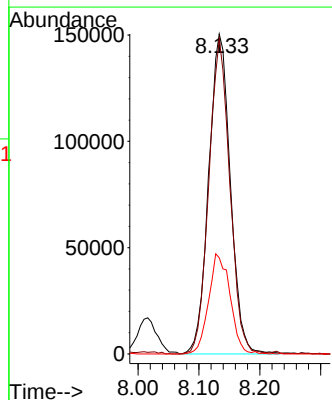
Manual Integrations
APPROVED

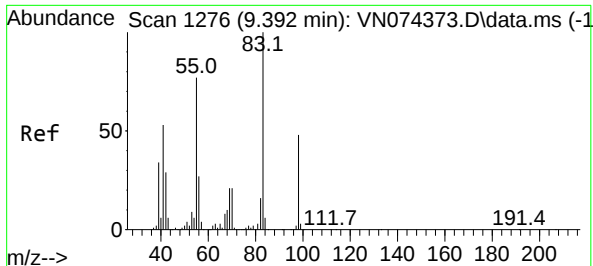
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#38
Carbon Tetrachloride
Concen: 50.200 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

Tgt Ion:117 Resp: 372392
Ion Ratio Lower Upper
117 100
119 98.5 78.8 118.2
121 30.1 24.1 36.1





#39

Methylcyclohexane

Concen: 48.160 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

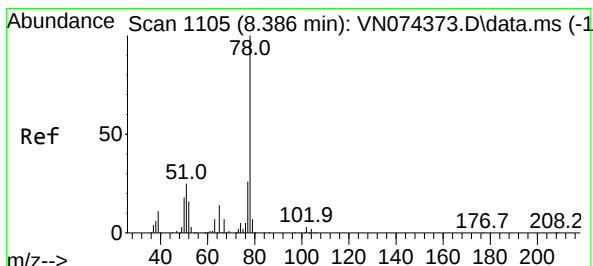
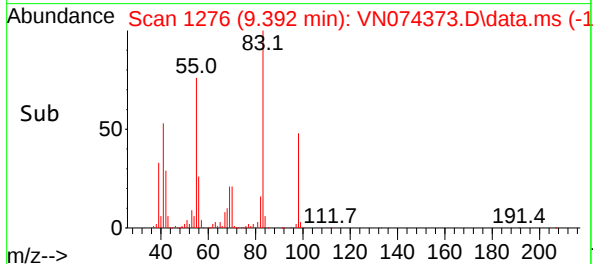
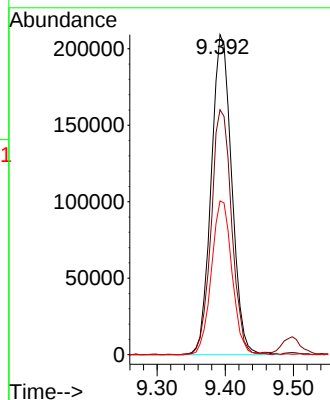
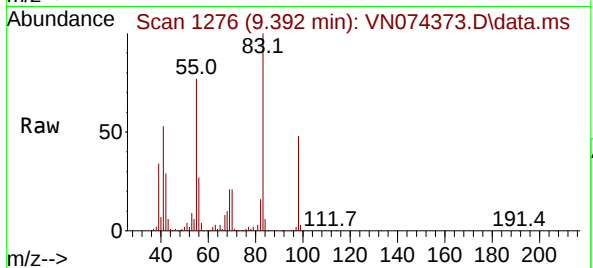
Tgt Ion:	83	Resp:	43859
Ion Ratio	Lower	Upper	
83	100		
55	76.5	61.2	91.8
98	48.1	38.5	57.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#40

Benzene

Concen: 49.526 ug/l

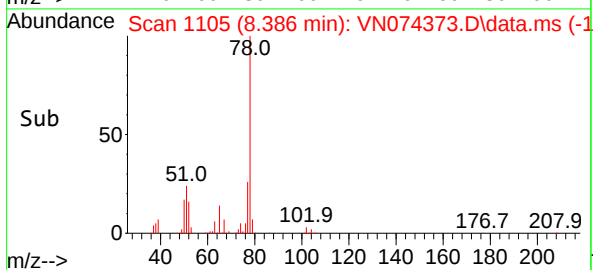
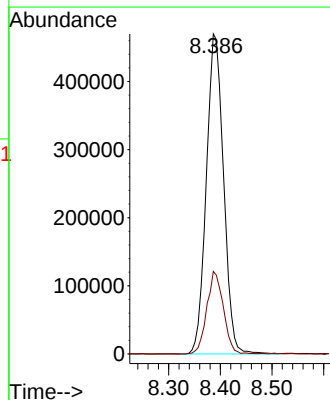
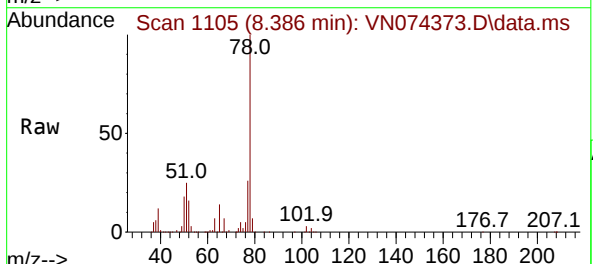
RT: 8.386 min Scan# 1105

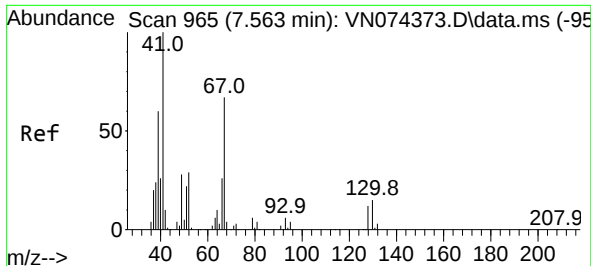
Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

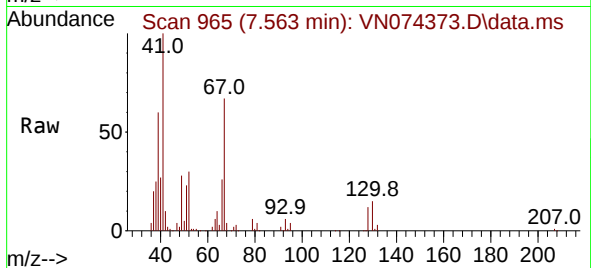
Tgt Ion:	78	Resp:	1089600
Ion Ratio	Lower	Upper	
78	100		
77	25.8	20.6	31.0





#41
Methacrylonitrile
Concen: 54.030 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

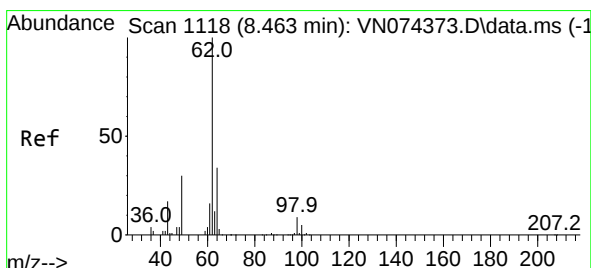
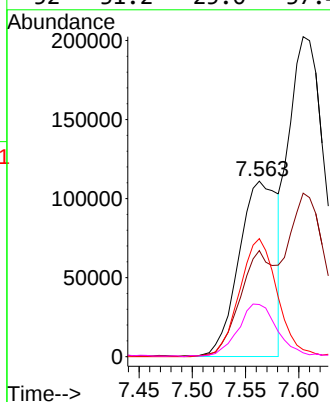
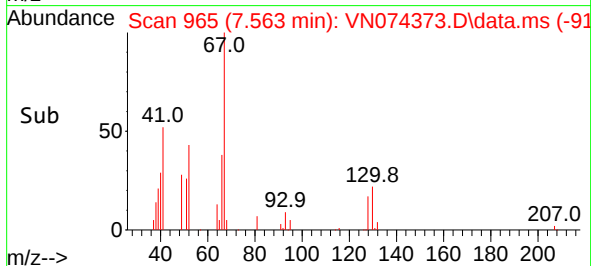
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



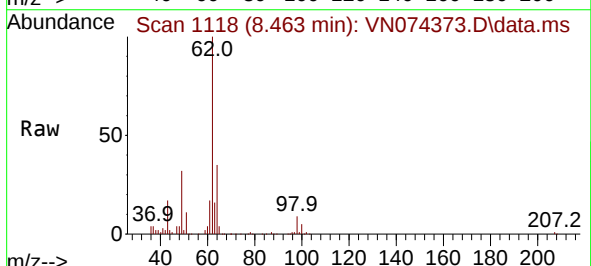
Tgt Ion: 41 Resp: 27945
Ion Ratio Lower Upper
41 100
39 49.0 39.2 58.8
67 67.0 53.6 80.4
52 31.2 25.0 37.4

Manual Integrations
APPROVED

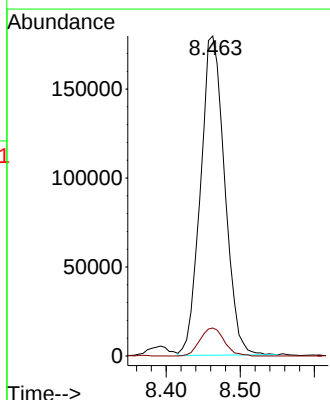
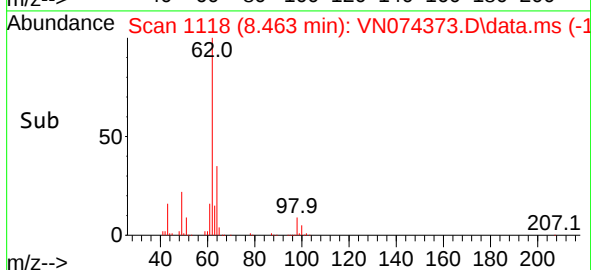
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

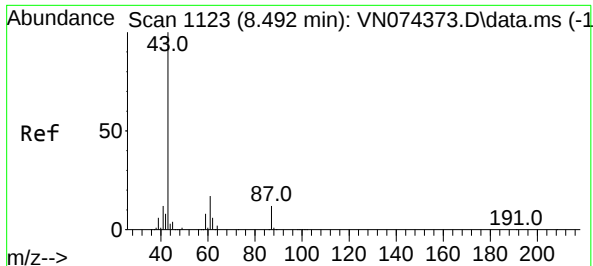


#42
1,2-Dichloroethane
Concen: 48.285 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



Tgt Ion: 62 Resp: 406109
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





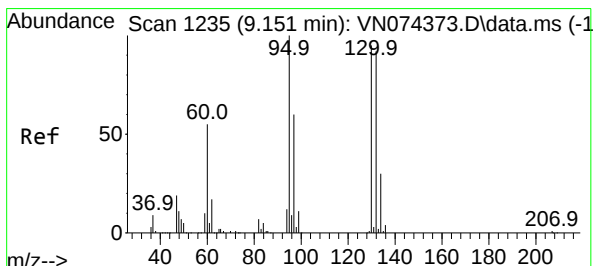
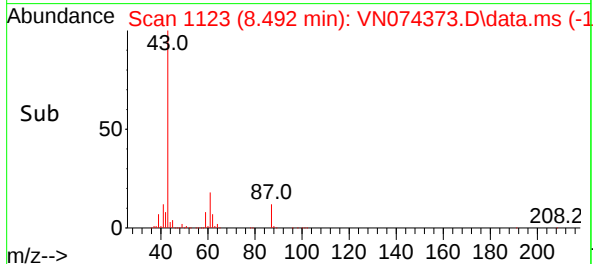
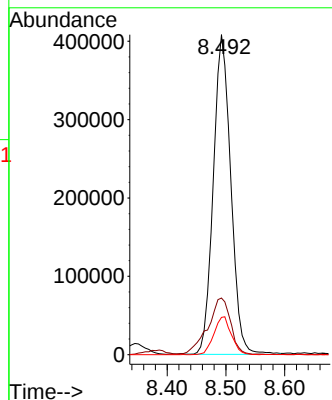
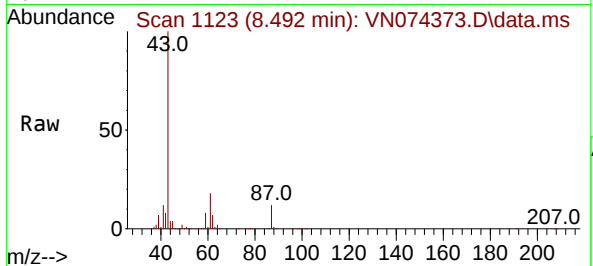
#43
Isopropyl Acetate
Concen: 49.572 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 84503
Ion Ratio Lower Upper
43 100
61 23.2 18.6 27.8
87 11.8 9.4 14.2

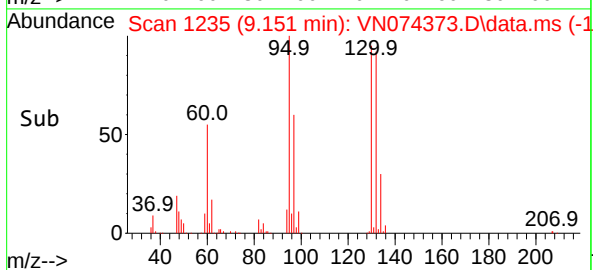
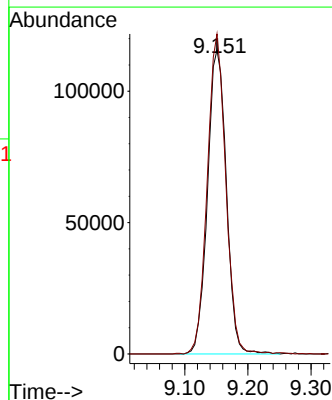
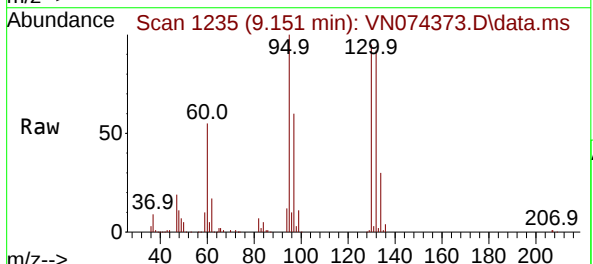
Manual Integrations
APPROVED

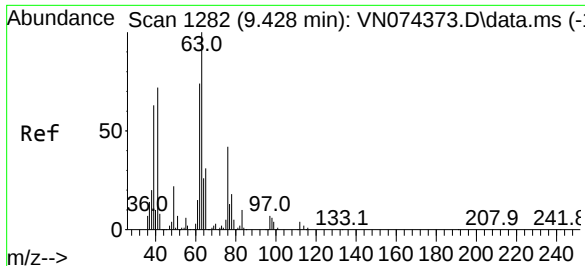
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#44
Trichloroethene
Concen: 48.665 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

Tgt Ion:130 Resp: 240028
Ion Ratio Lower Upper
130 100
95 105.0 0.0 210.0





#45

1,2-Dichloropropane

Concen: 48.230 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 28167

Ion Ratio Lower Upper

63 100

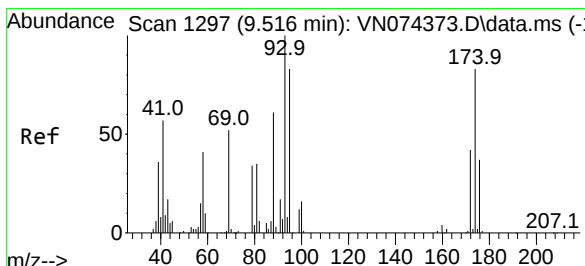
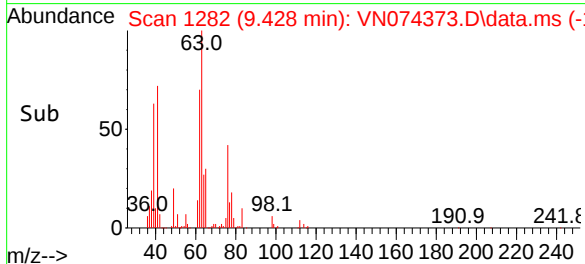
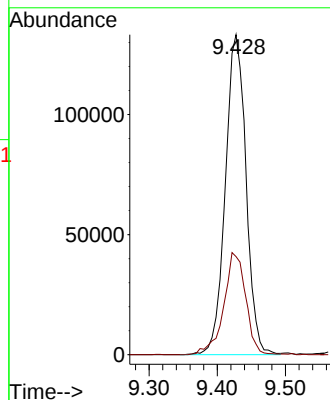
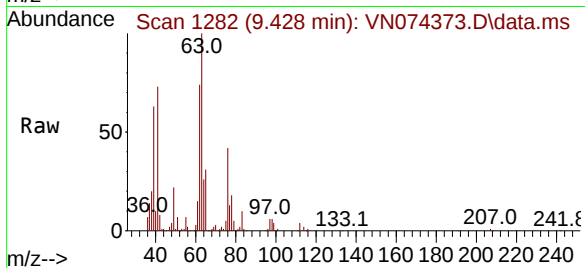
65 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#46

Dibromomethane

Concen: 49.025 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

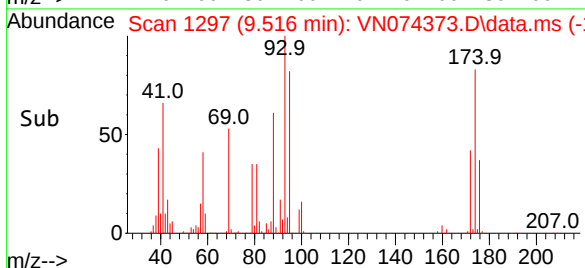
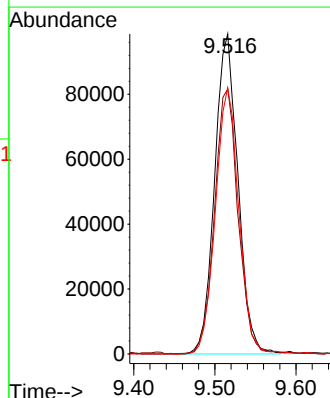
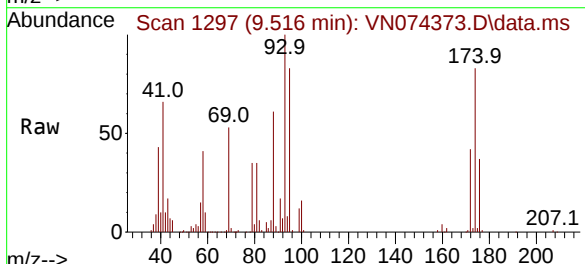
Tgt Ion: 93 Resp: 196039

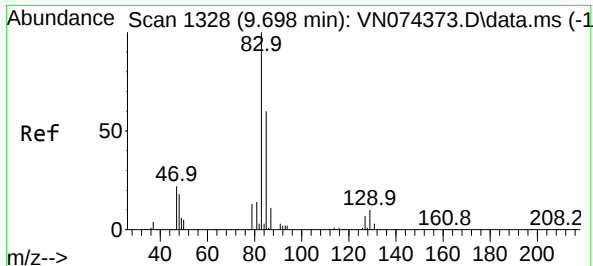
Ion Ratio Lower Upper

93 100

95 84.4 67.5 101.3

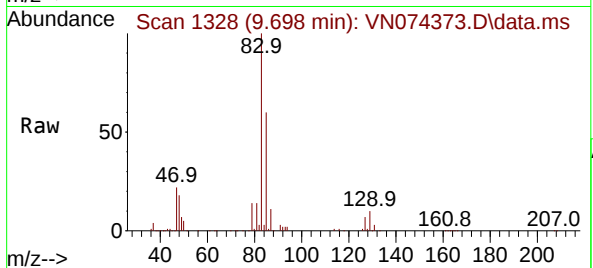
174 84.0 67.2 100.8





#47
Bromodichloromethane
Concen: 49.598 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

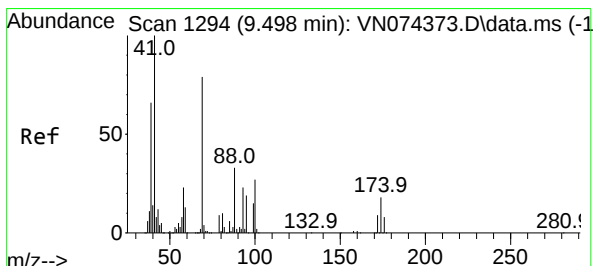
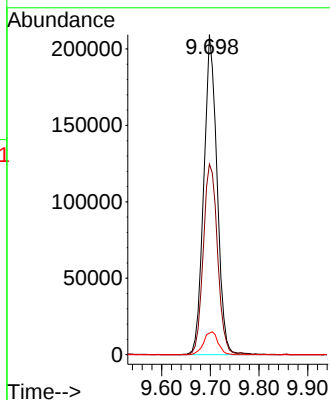
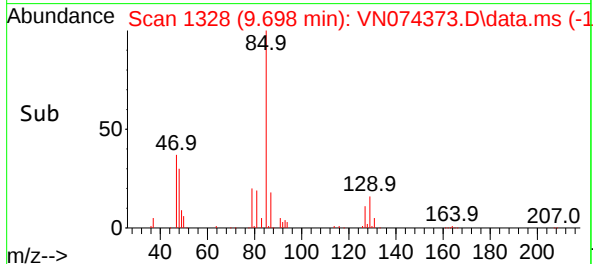
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



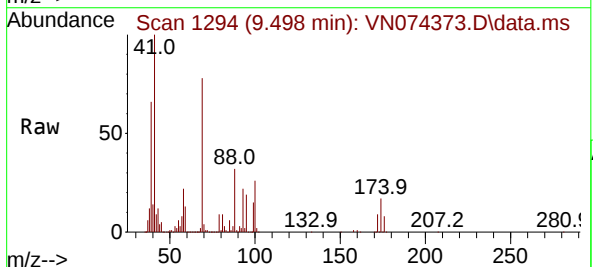
Tgt Ion: 83 Resp: 39532
Ion Ratio Lower Upper
83 100
85 59.6 47.7 71.5
127 6.8 5.4 8.2

Manual Integrations
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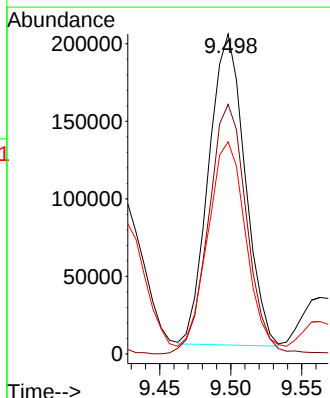
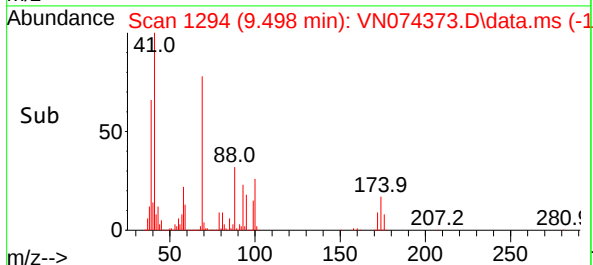
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

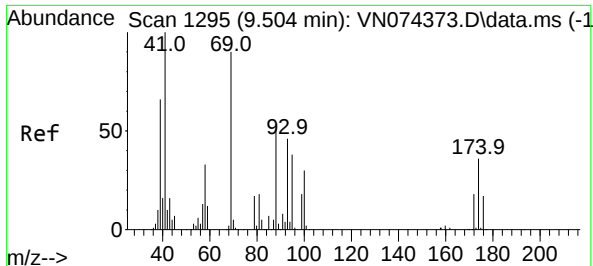


#48
Methyl methacrylate
Concen: 47.322 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



Tgt Ion: 41 Resp: 355510
Ion Ratio Lower Upper
41 100
69 84.5 67.6 101.4
39 72.8 58.2 87.4





#49

1,4-Dioxane

Concen: 1022.782 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 161923

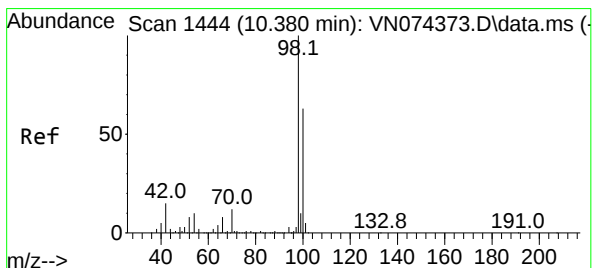
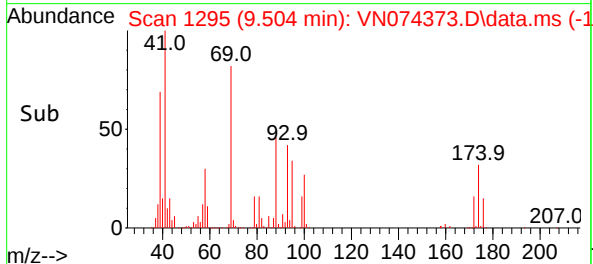
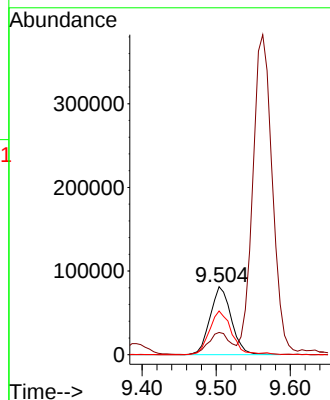
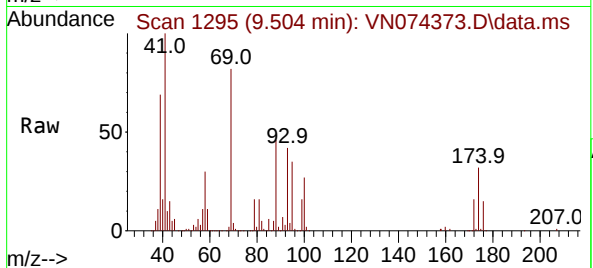
Ion	Ratio	Lower	Upper
88	100		
43	33.6	26.9	40.3
58	65.9	52.7	79.1

Manual Integrations

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Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#50

Toluene-d8

Concen: 50.491 ug/l

RT: 10.380 min Scan# 1444

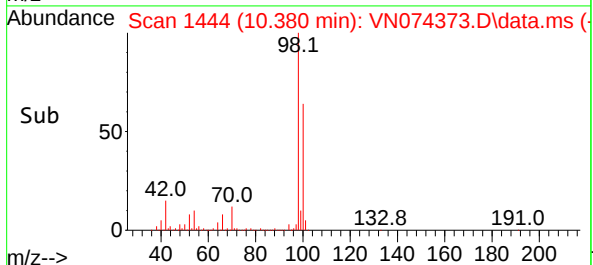
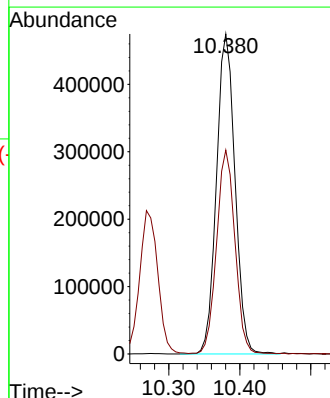
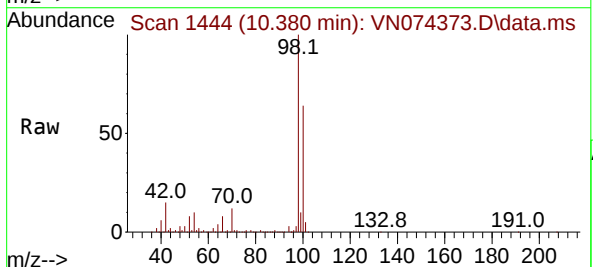
Delta R.T. 0.000 min

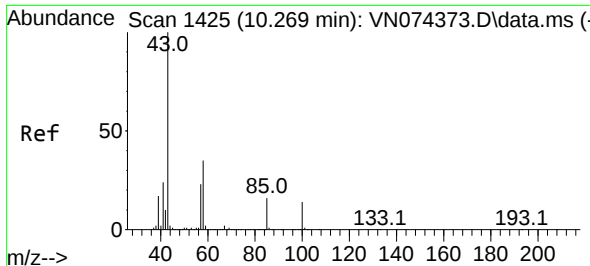
Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

Tgt Ion: 98 Resp: 858102

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.6	76.0





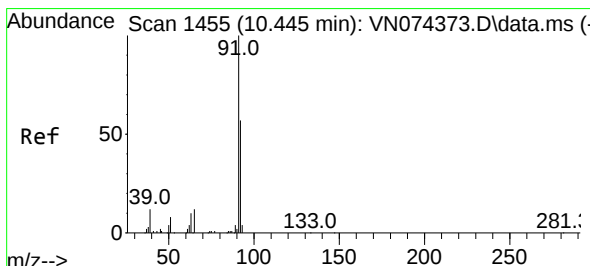
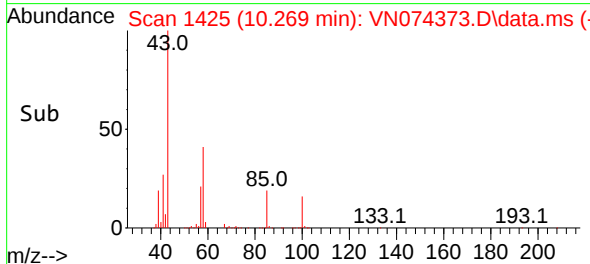
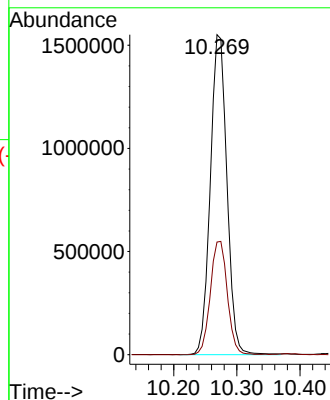
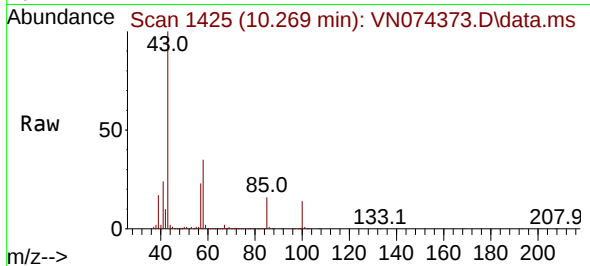
#51
4-Methyl-2-Pentanone
Concen: 253.386 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 282471
Ion Ratio Lower Upper
43 100
58 36.3 29.0 43.6

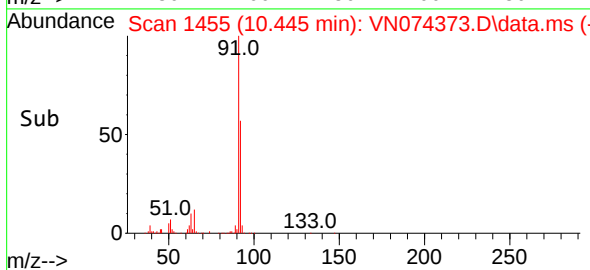
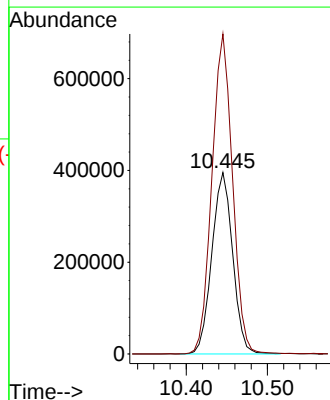
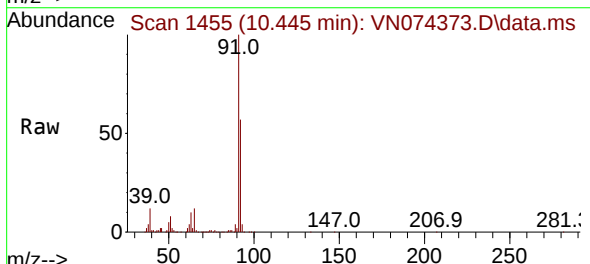
Manual Integrations
APPROVED

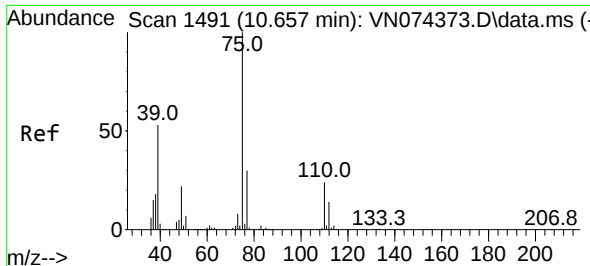
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#52
Toluene
Concen: 51.874 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

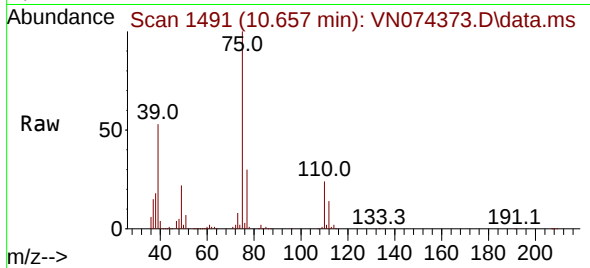
Tgt Ion: 92 Resp: 705786
Ion Ratio Lower Upper
92 100
91 174.7 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 52.201 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

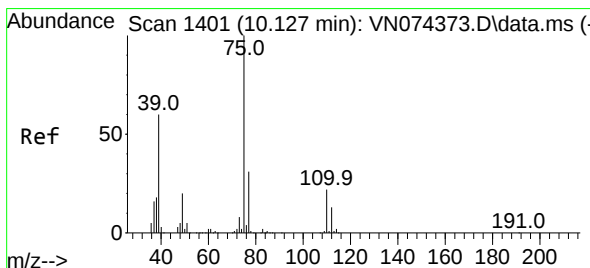
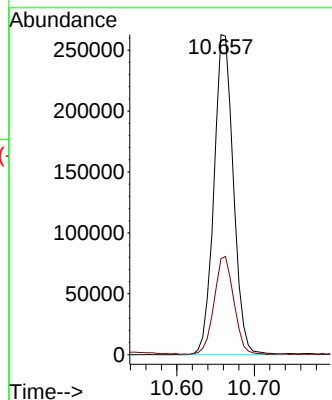
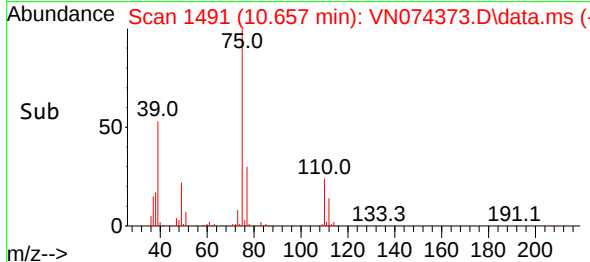
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



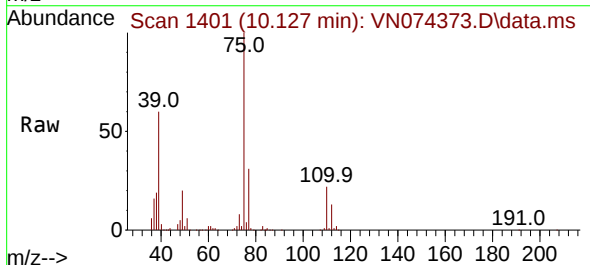
Tgt Ion: 75 Resp: 458999
Ion Ratio Lower Upper
75 100
77 29.9 23.9 35.9

Manual Integrations
APPROVED

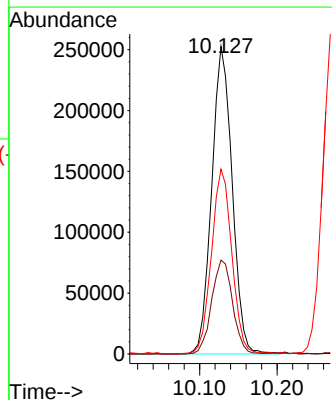
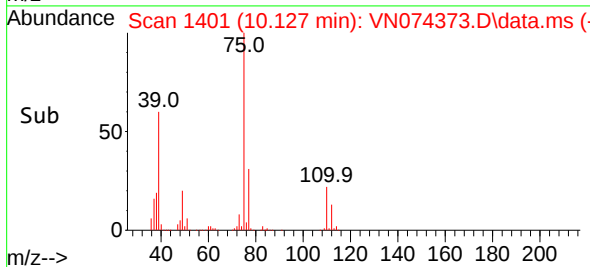
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

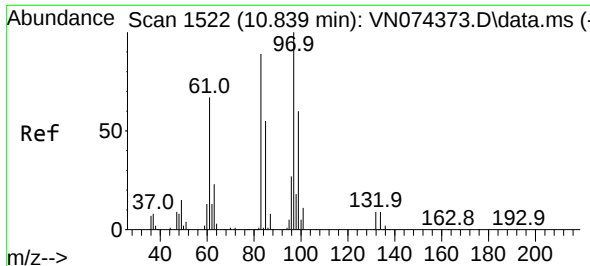


#54
cis-1,3-Dichloropropene
Concen: 49.381 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



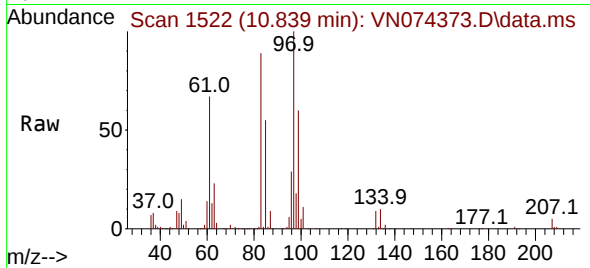
Tgt Ion: 75 Resp: 462883
Ion Ratio Lower Upper
75 100
77 30.6 24.5 36.7
39 60.0 48.0 72.0





#55
1,1,2-Trichloroethane
Concen: 50.052 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

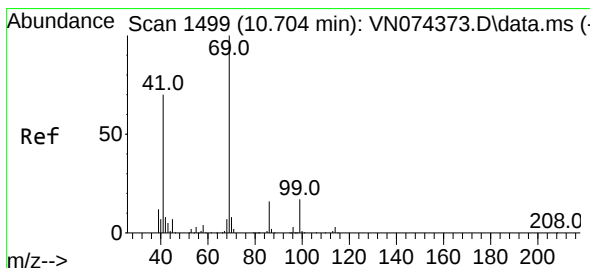
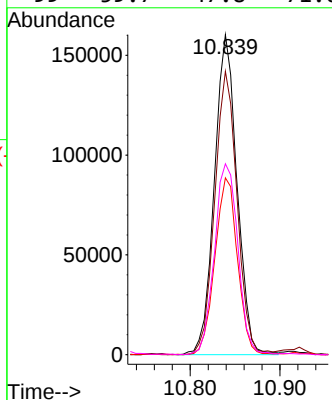
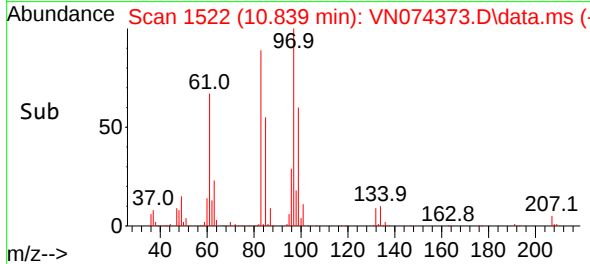
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



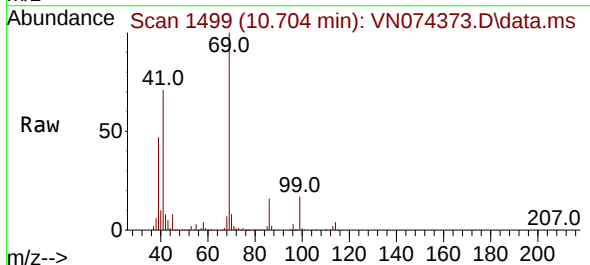
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.8	106.2
85	55.1	44.1	66.1
99	59.7	47.8	71.6

Manual Integrations
APPROVED

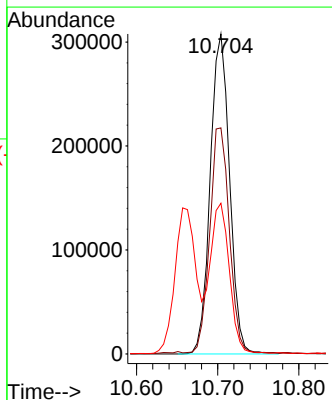
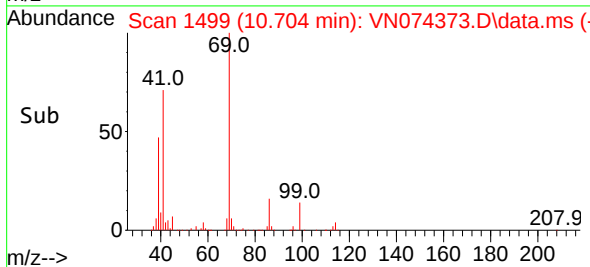
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

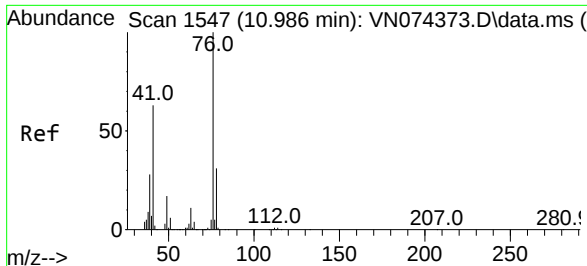


#56
Ethyl methacrylate
Concen: 53.444 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.6	85.0
39	46.8	37.4	56.2





#57

1,3-Dichloropropane

Concen: 50.617 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074373.D

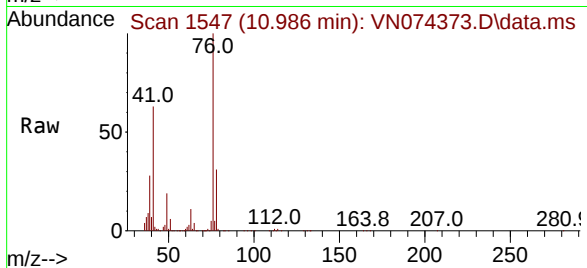
Acq: 09 Sep 2022 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



Tgt Ion: 76 Resp: 496190

Ion Ratio Lower Upper

76 100

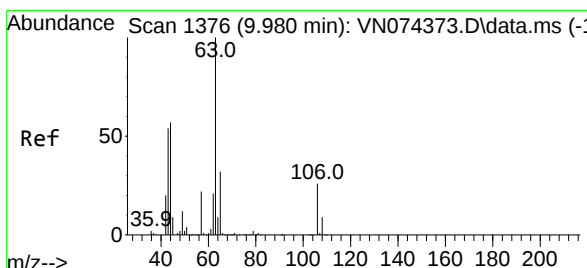
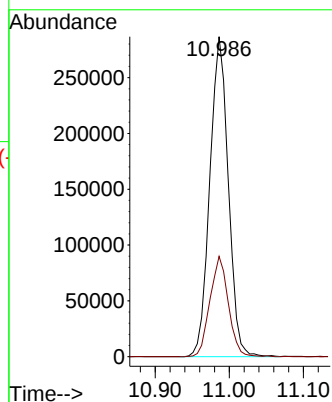
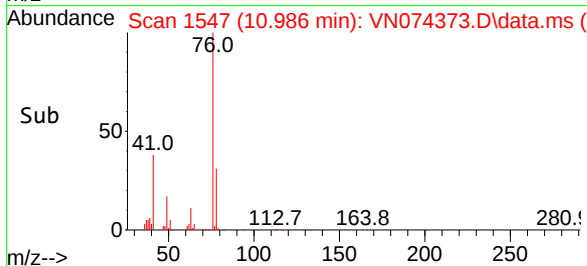
78 31.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 249.354 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074373.D

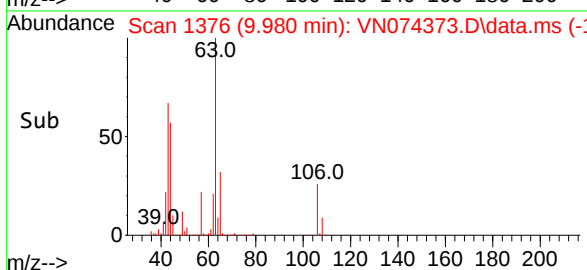
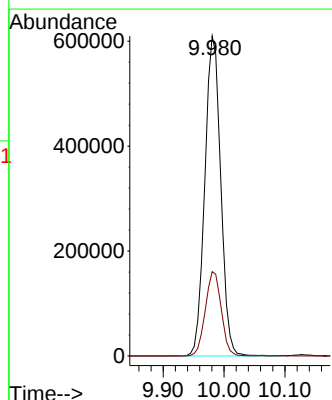
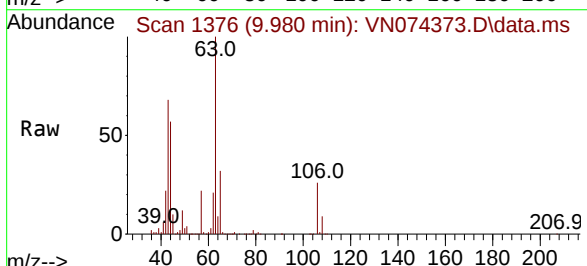
Acq: 09 Sep 2022 12:25

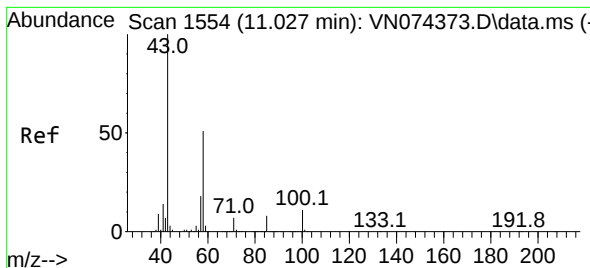
Tgt Ion: 63 Resp: 1105344

Ion Ratio Lower Upper

63 100

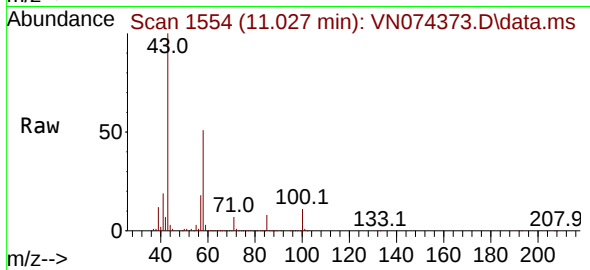
106 26.4 21.1 31.7





#59
2-Hexanone
Concen: 258.062 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

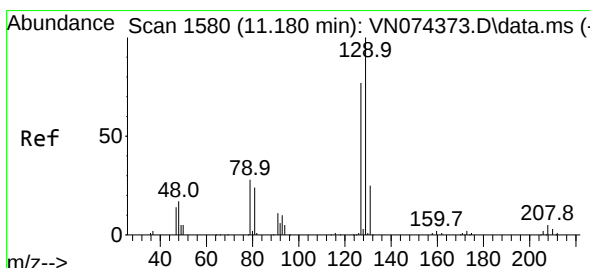
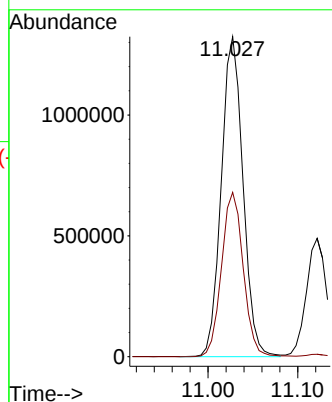
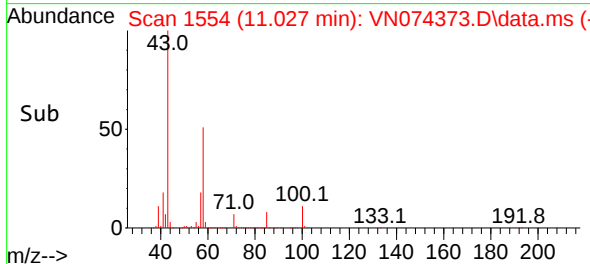
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 2220050
Ion Ratio Lower Upper
43 100
58 51.5 25.8 77.3

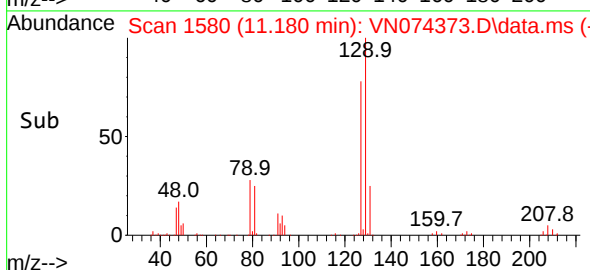
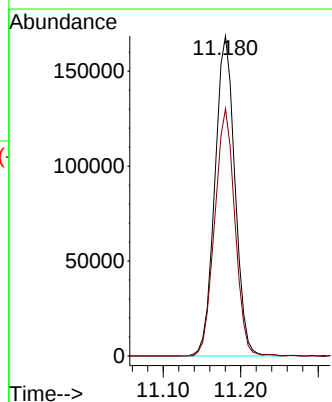
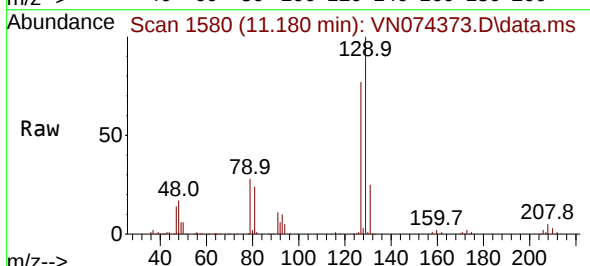
Manual Integrations
APPROVED

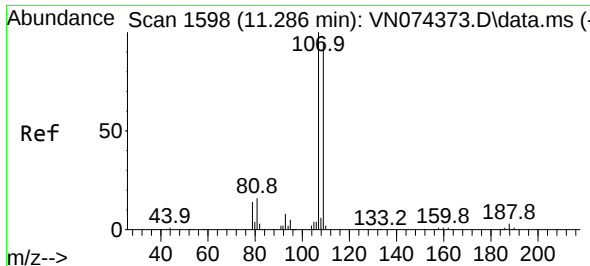
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#60
Dibromochloromethane
Concen: 53.298 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

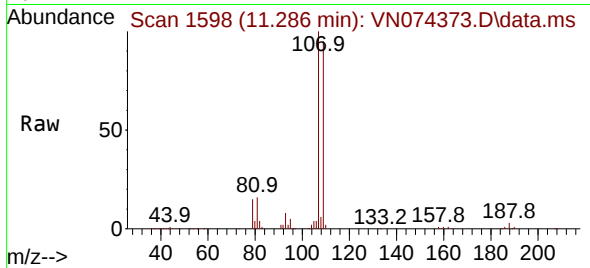
Tgt Ion:129 Resp: 302637
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61
1,2-Dibromoethane
Concen: 51.179 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

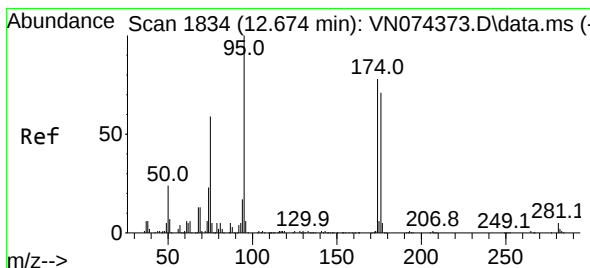
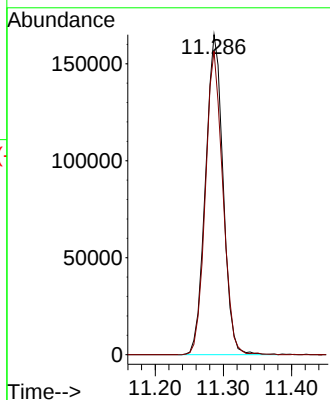
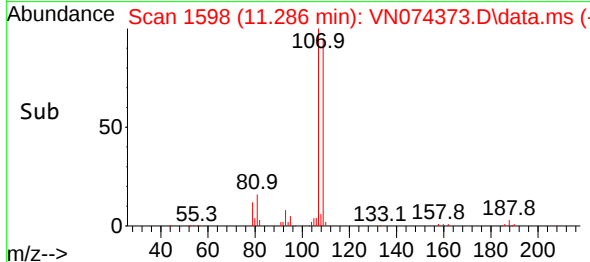
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 295294
Ion Ratio Lower Upper
107 100
109 93.7 75.0 112.4

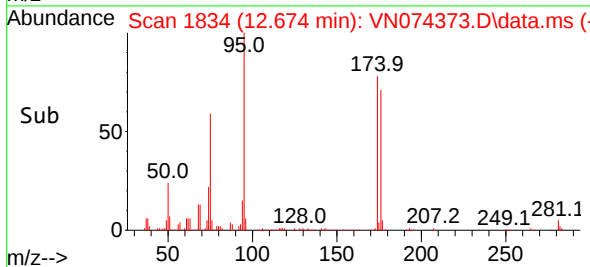
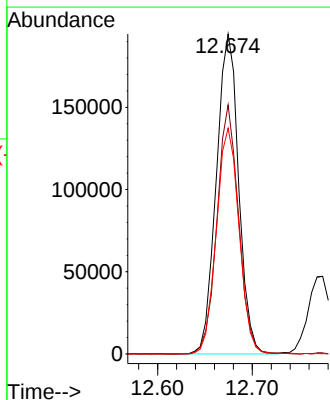
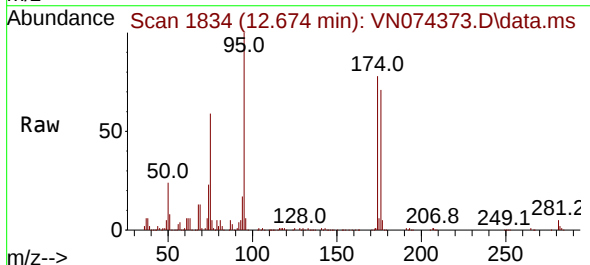
Manual Integrations
APPROVED

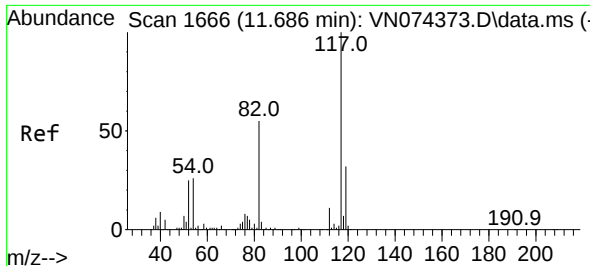
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#62
4-Bromofluorobenzene
Concen: 51.617 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

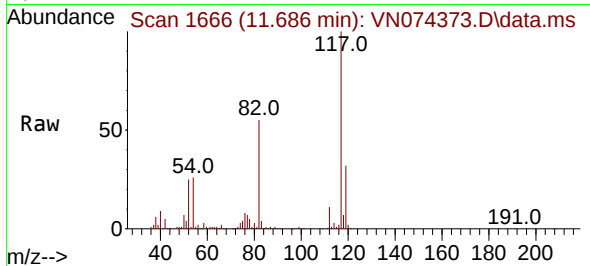
Tgt Ion: 95 Resp: 318490
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.6
176 71.7 0.0 143.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

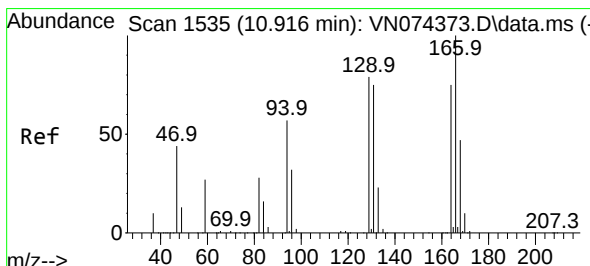
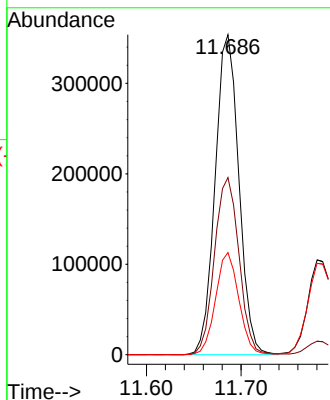
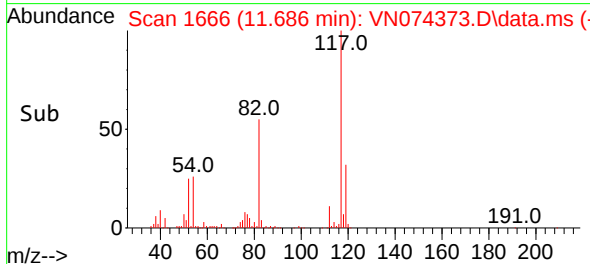
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



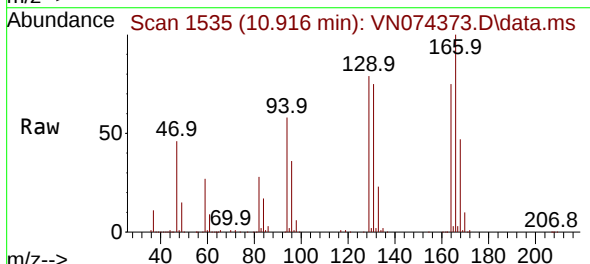
Tgt Ion:117 Resp: 61638
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 31.9 25.5 38.3

Manual Integrations
APPROVED

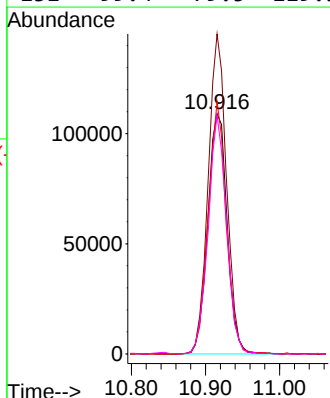
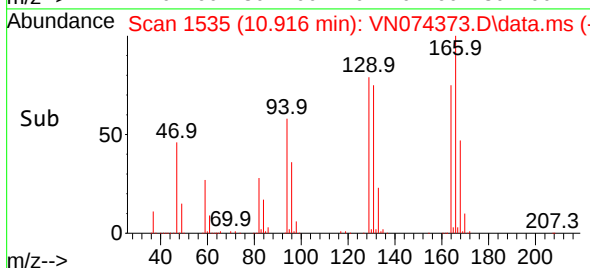
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

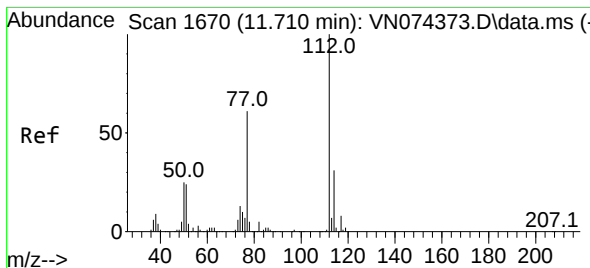


#64
Tetrachloroethene
Concen: 47.517 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



Tgt Ion:164 Resp: 198551
Ion Ratio Lower Upper
164 100
166 133.3 106.6 160.0
129 105.0 84.0 126.0
131 99.4 79.5 119.3





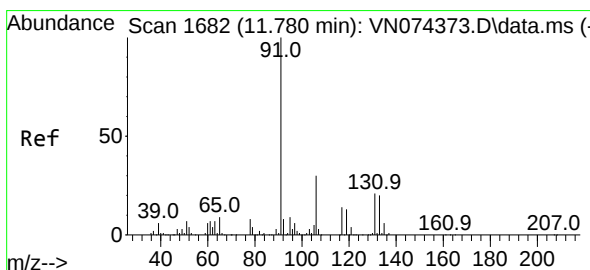
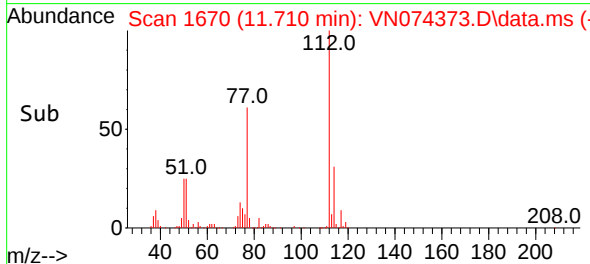
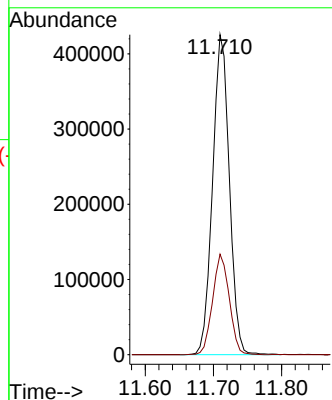
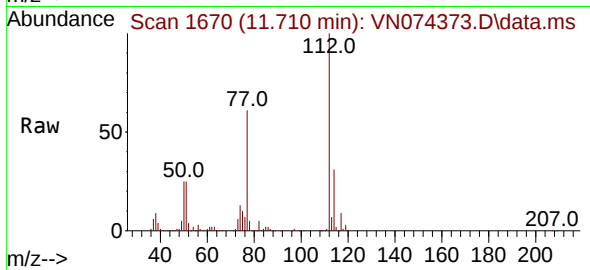
#65
Chlorobenzene
Concen: 49.041 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 728878
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7

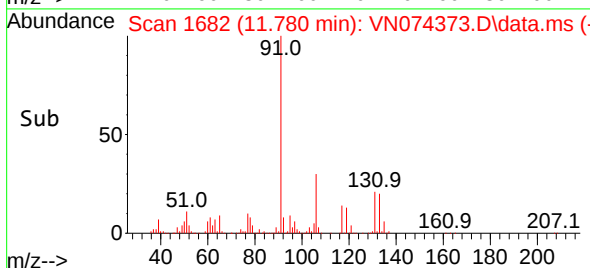
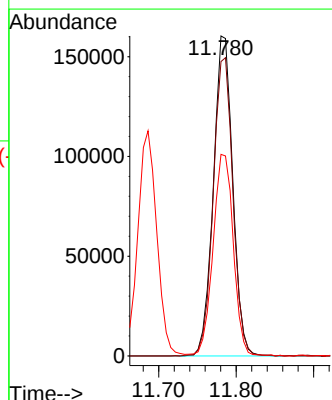
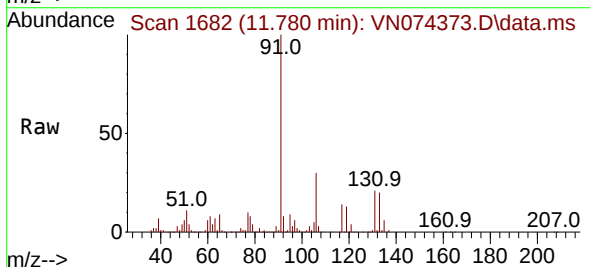
Manual Integrations
APPROVED

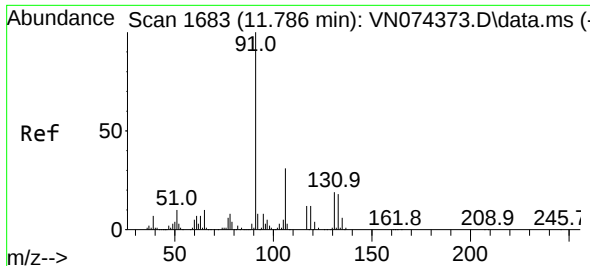
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 48.037 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

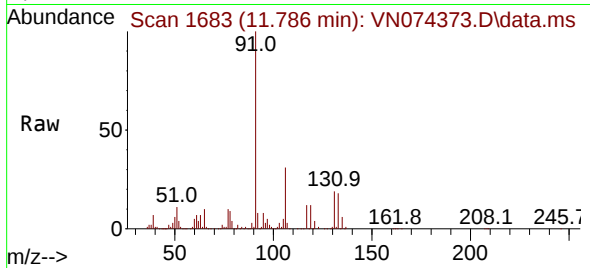
Tgt Ion:131 Resp: 278886
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 65.9 33.0 98.9





#67
Ethyl Benzene
Concen: 49.316 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

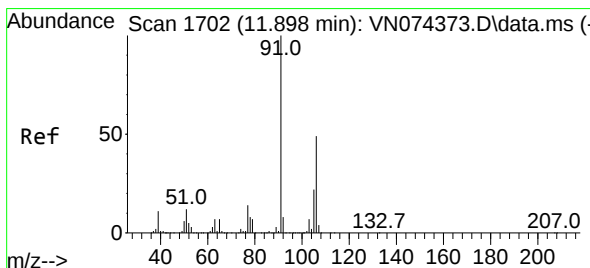
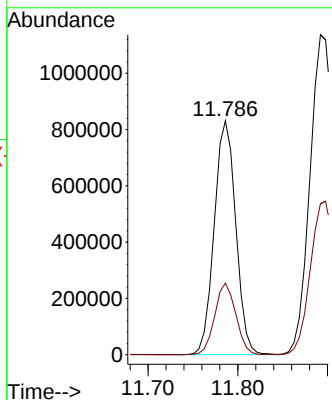
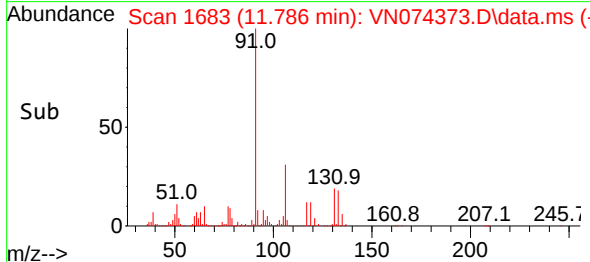
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



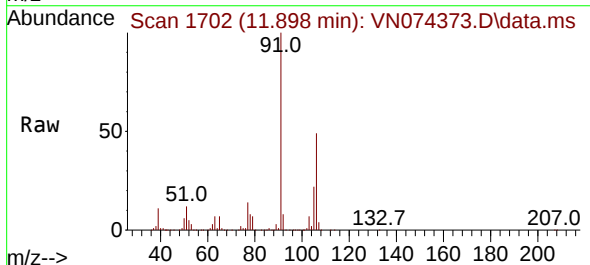
Tgt Ion: 91 Resp: 1384436
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7

Manual Integrations
APPROVED

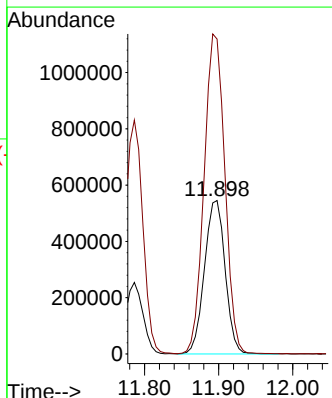
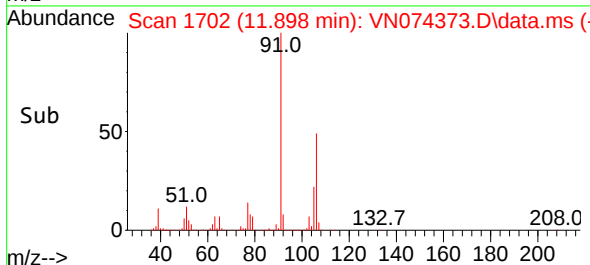
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

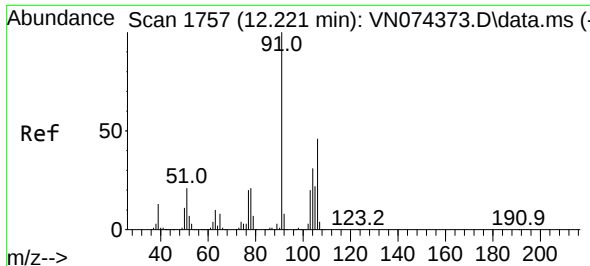


#68
m/p-Xylenes
Concen: 99.993 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



Tgt Ion:106 Resp: 1055255
Ion Ratio Lower Upper
106 100
91 209.6 167.7 251.5





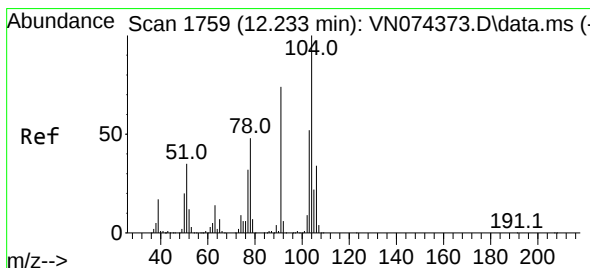
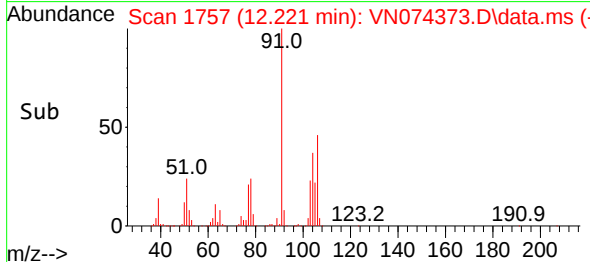
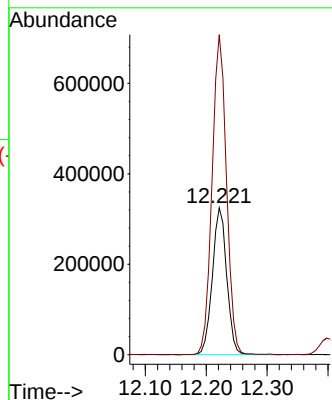
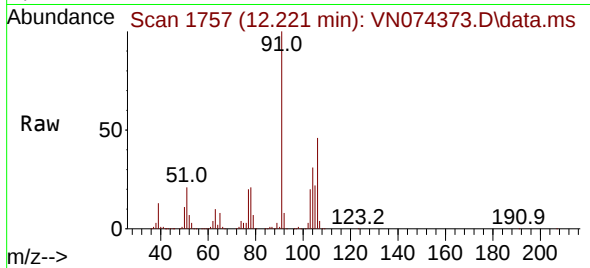
#69
o-Xylene
Concen: 50.023 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 53064
Ion Ratio Lower Upper
106 100
91 218.8 109.4 328.2

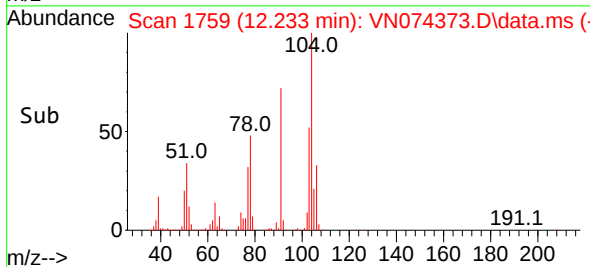
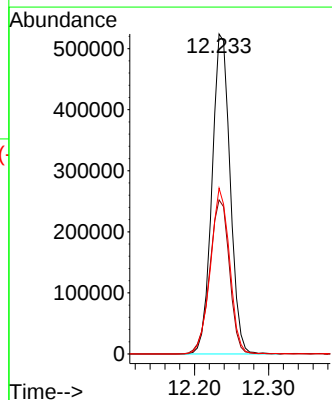
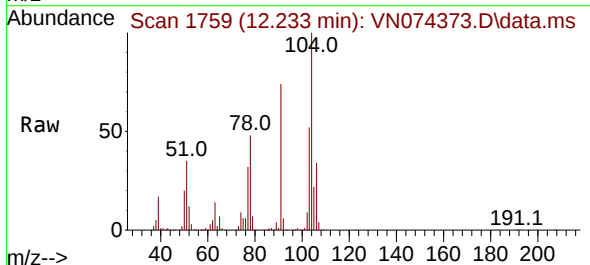
Manual Integrations
APPROVED

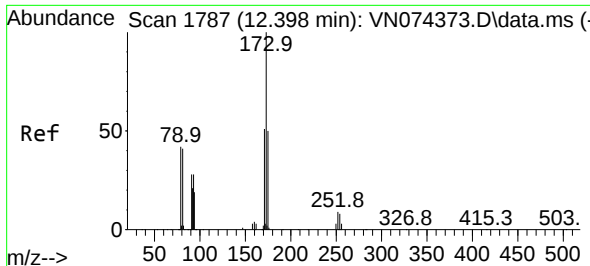
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#70
Styrene
Concen: 52.851 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

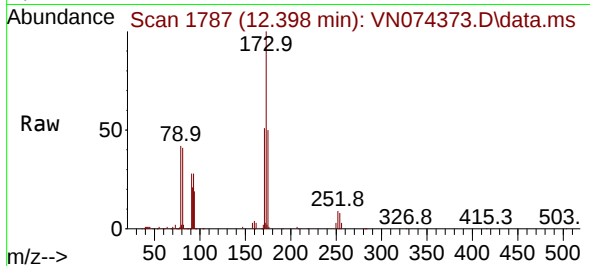
Tgt Ion:104 Resp: 891334
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.6
103 54.3 43.4 65.2





#71
Bromoform
Concen: 53.143 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

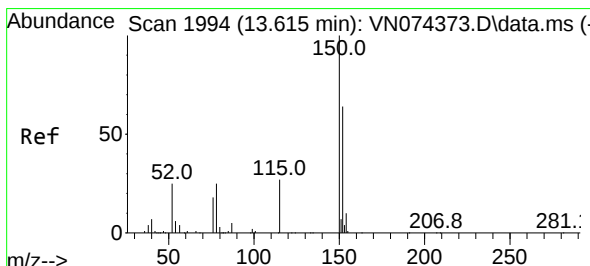
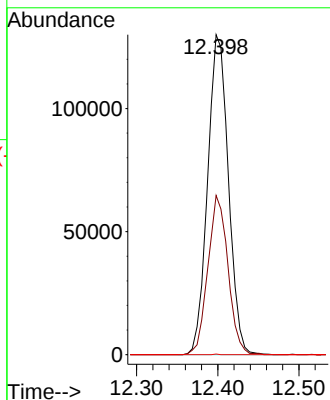
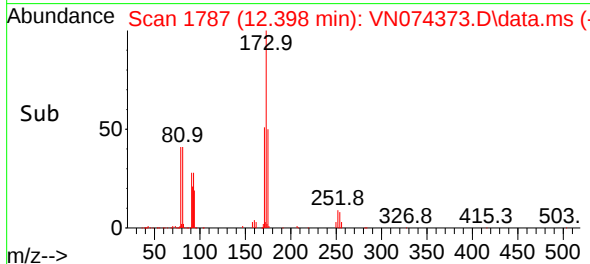
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



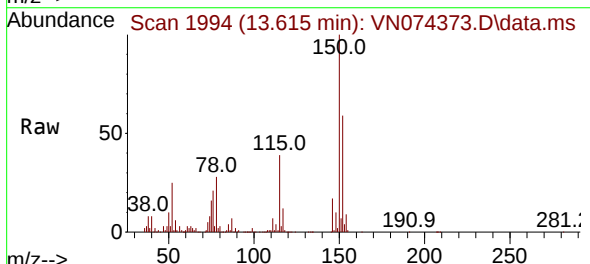
Tgt Ion:173 Resp: 231098
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

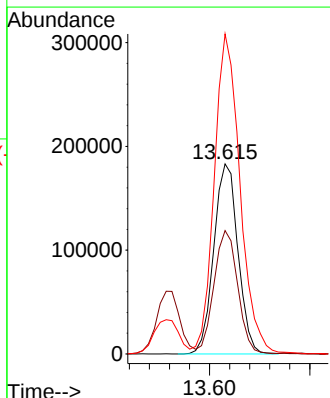
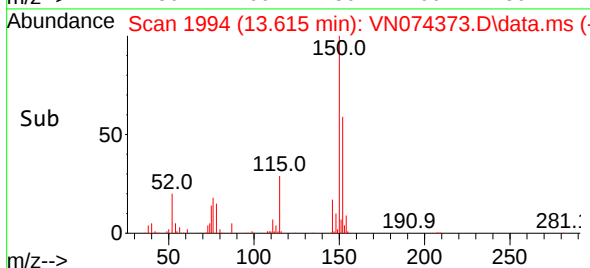
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

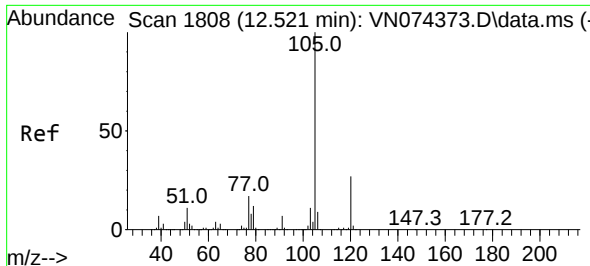


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



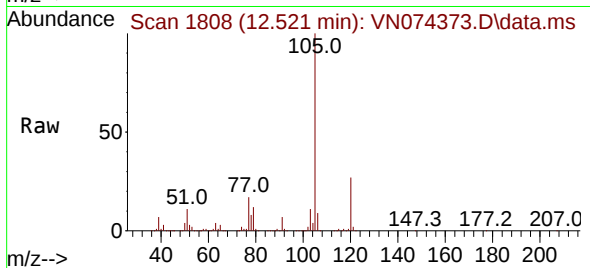
Tgt Ion:152 Resp: 306410
Ion Ratio Lower Upper
152 100
115 64.0 32.0 96.0
150 179.8 0.0 359.6





#73
Isopropylbenzene
Concen: 47.263 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

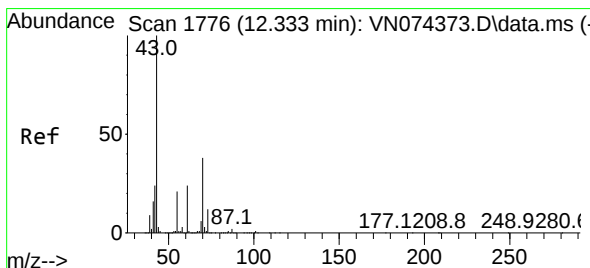
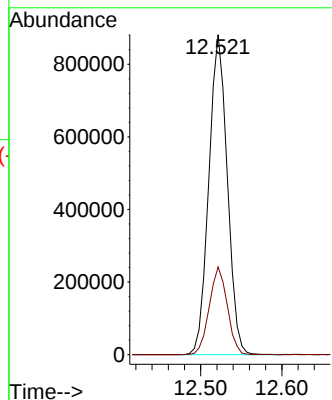
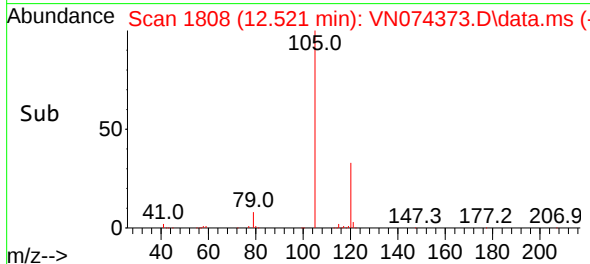
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



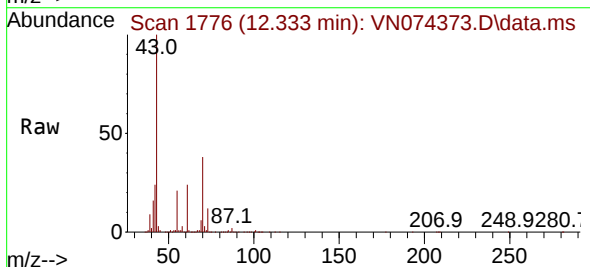
Tgt Ion:105 Resp: 1391364
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

Manual Integrations
APPROVED

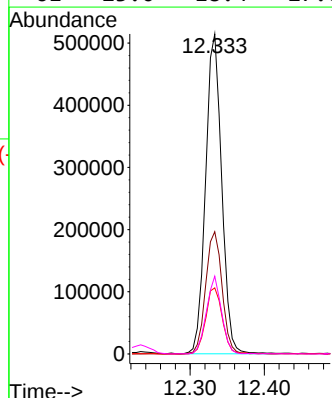
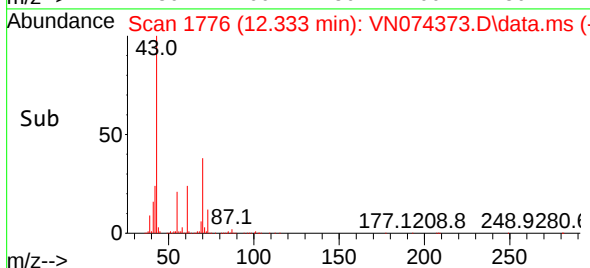
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

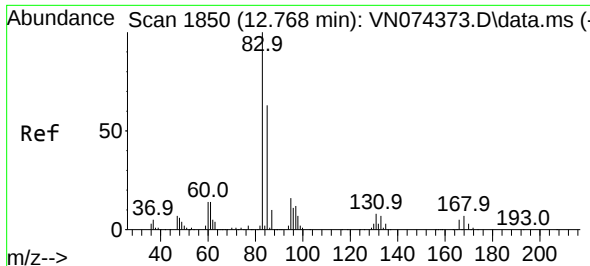


#74
N-ethyl acetate
Concen: 45.271 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



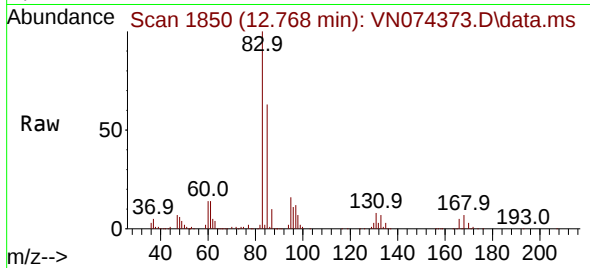
Tgt Ion: 43 Resp: 775948
Ion Ratio Lower Upper
43 100
70 39.2 31.4 47.0
55 21.3 17.0 25.6
61 23.0 18.4 27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 45.080 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

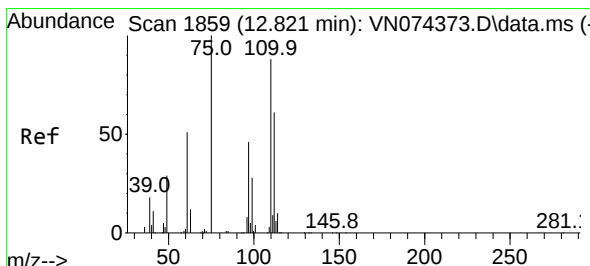
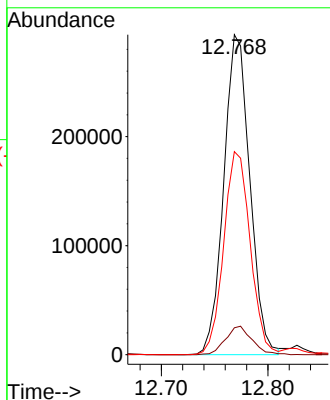
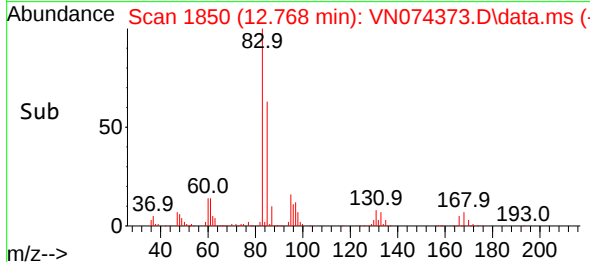
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



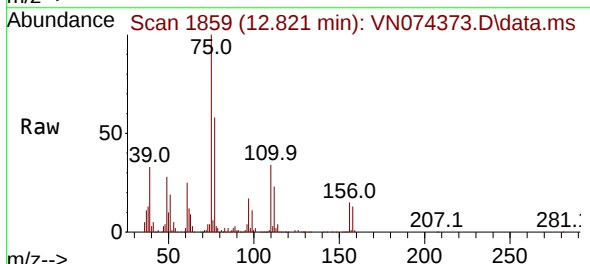
Tgt Ion: 83 Resp: 498732
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 64.5 32.3 96.8

Manual Integrations
APPROVED

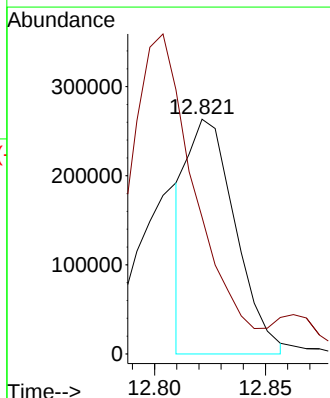
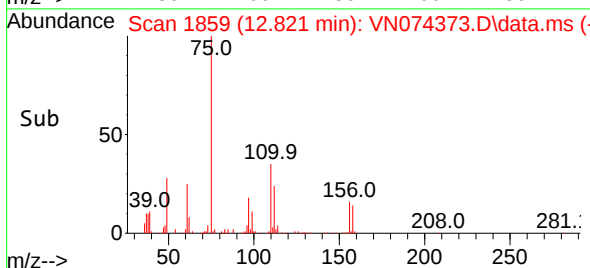
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

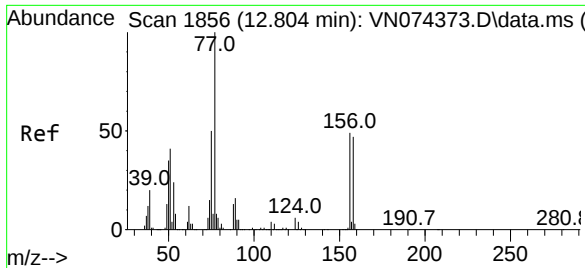


#76
1,2,3-Trichloropropane
Concen: 38.444 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



Tgt Ion: 75 Resp: 399686
Ion Ratio Lower Upper
75 100
77 184.6 78.9 236.7





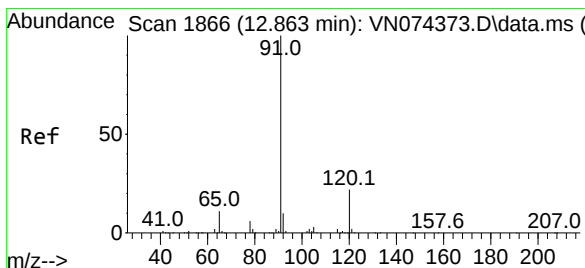
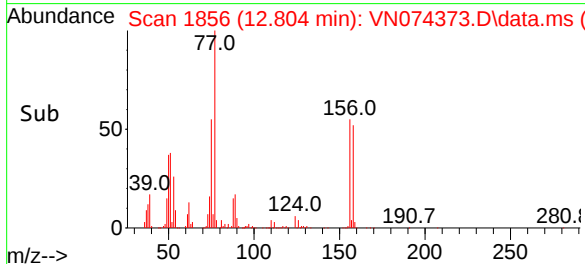
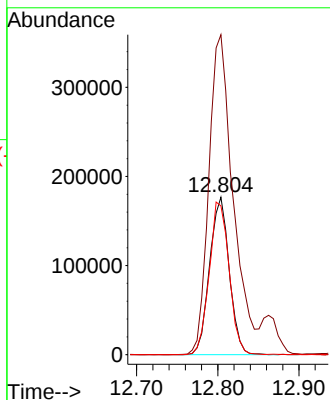
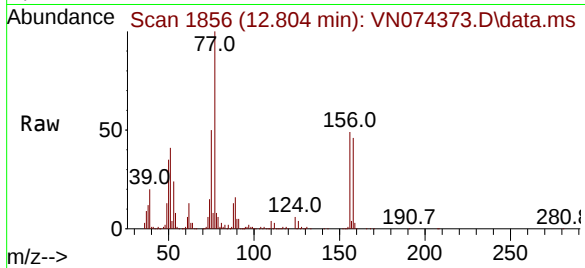
#77
Bromobenzene
Concen: 46.939 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 156 Resp: 296640
Ion Ratio Lower Upper
156 100
77 248.7 124.4 373.1
158 98.4 49.2 147.6

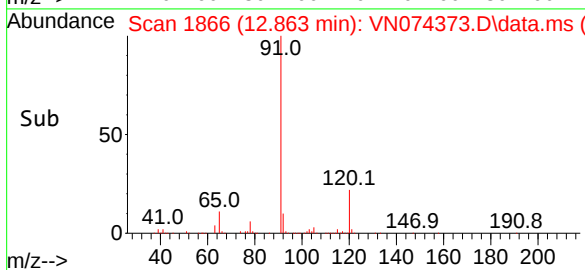
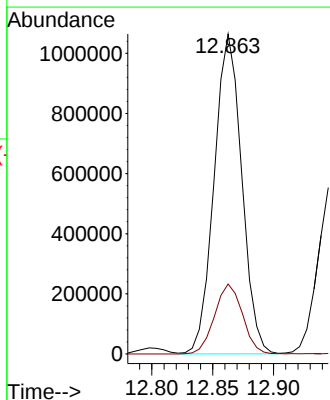
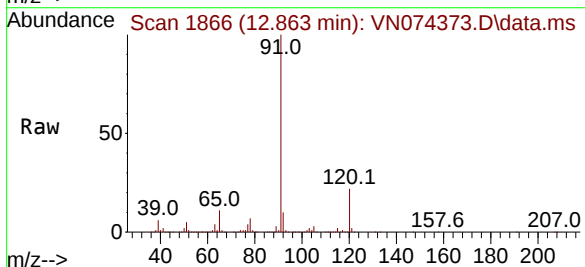
Manual Integrations
APPROVED

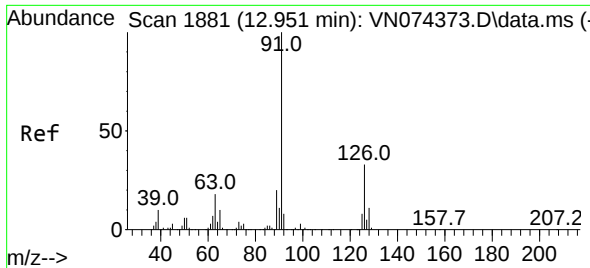
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#78
n-propylbenzene
Concen: 49.637 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

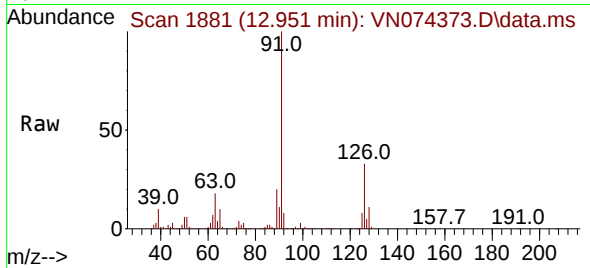
Tgt Ion: 91 Resp: 1674022
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.1





#79
2-Chlorotoluene
Concen: 47.767 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

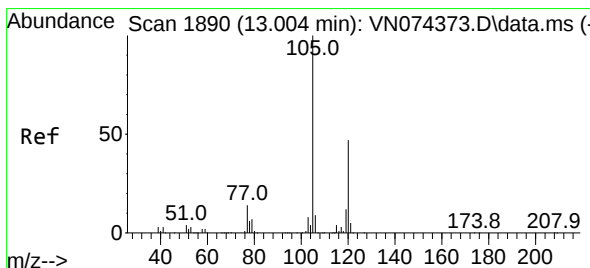
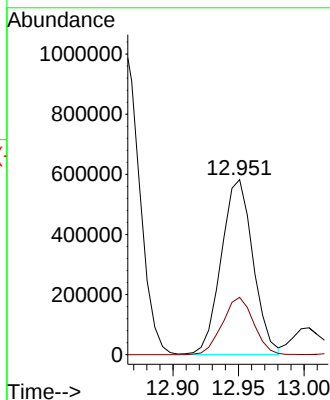
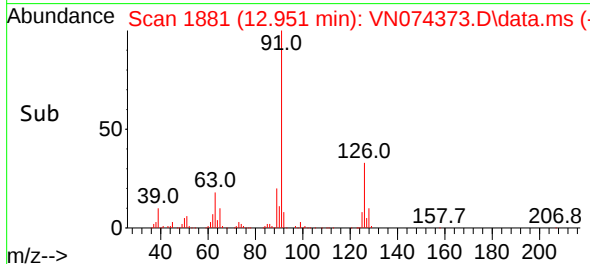
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



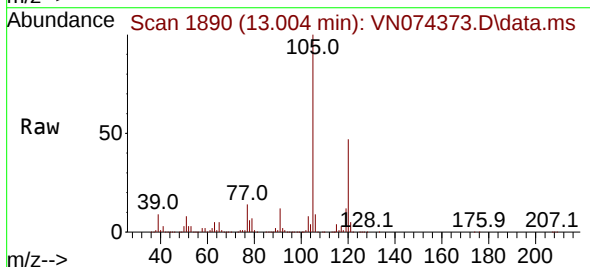
Tgt Ion: 91 Resp: 98217
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.5

Manual Integrations
APPROVED

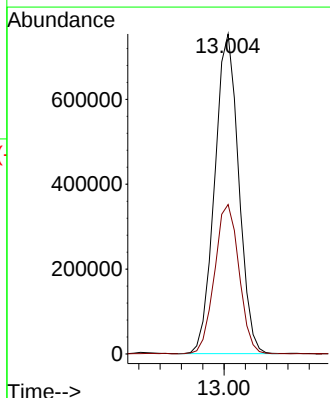
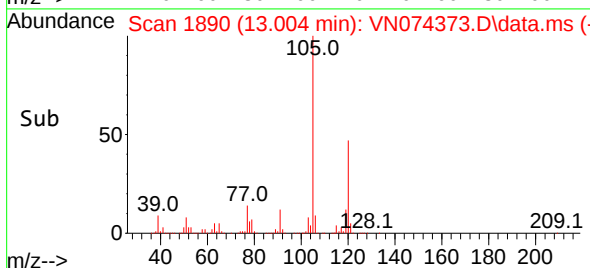
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

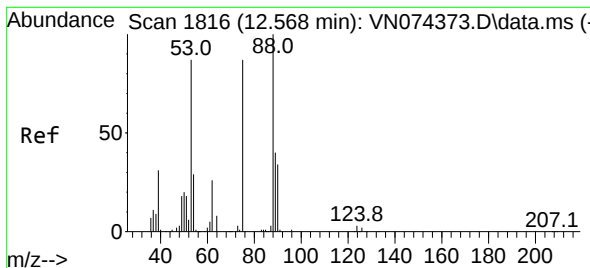


#80
1,3,5-Trimethylbenzene
Concen: 48.254 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



Tgt Ion:105 Resp: 1178547
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.4





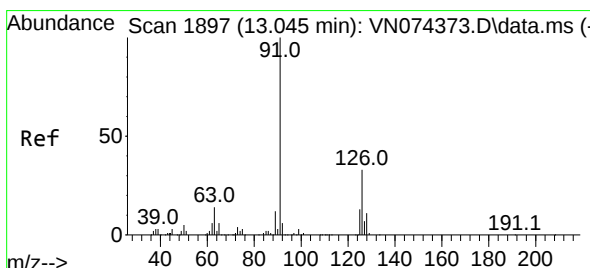
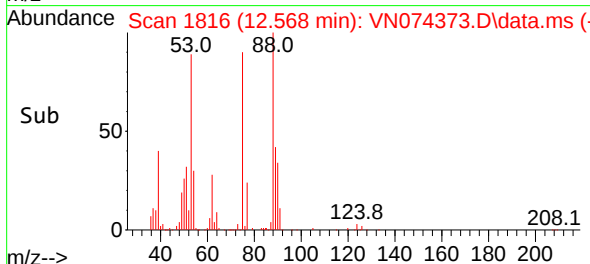
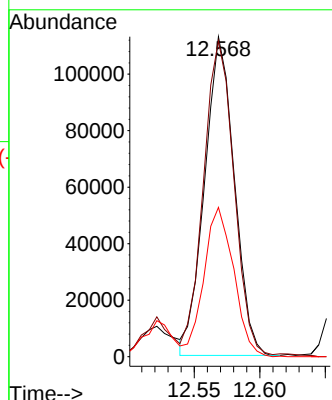
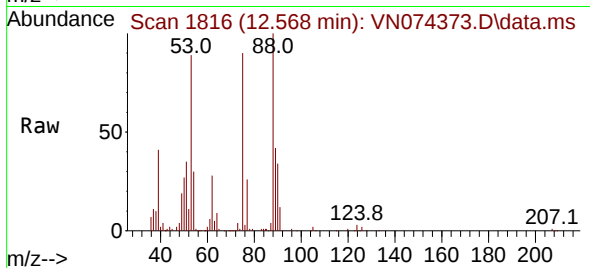
#81
trans-1,4-Dichloro-2-butene
Concen: 49.564 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 17811
Ion Ratio Lower Upper
75 100
53 102.7 82.2 123.2
89 47.1 37.7 56.5

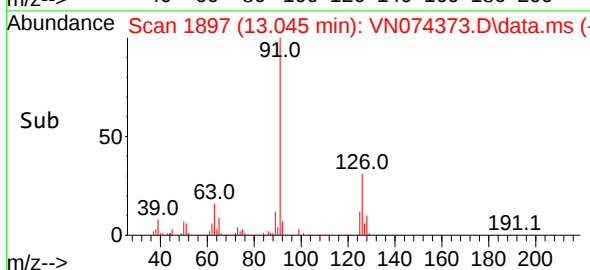
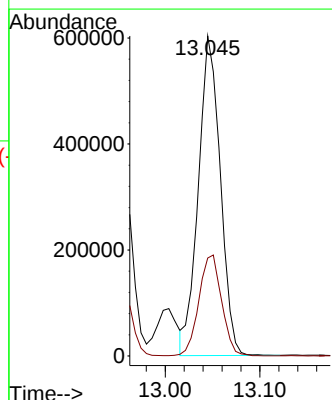
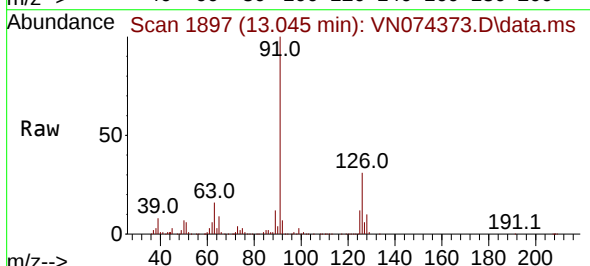
Manual Integrations
APPROVED

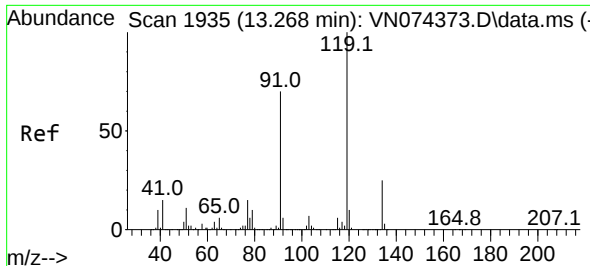
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#82
4-Chlorotoluene
Concen: 48.970 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

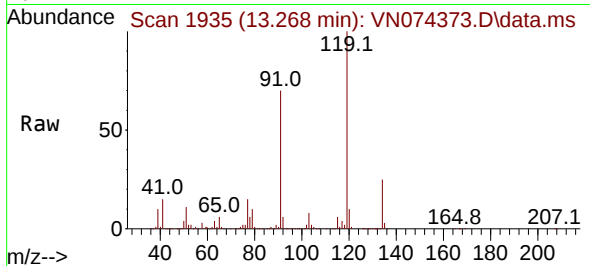
Tgt Ion: 91 Resp: 971531
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1





#83
tert-Butylbenzene
Concen: 47.738 ug/l
RT: 13.268 min Scan# 1935
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

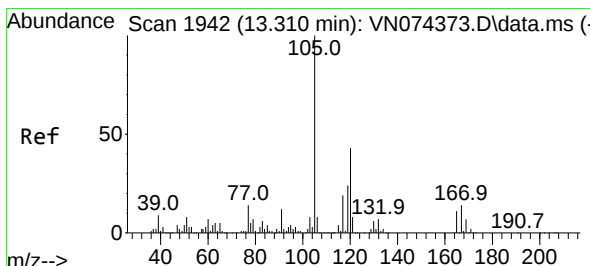
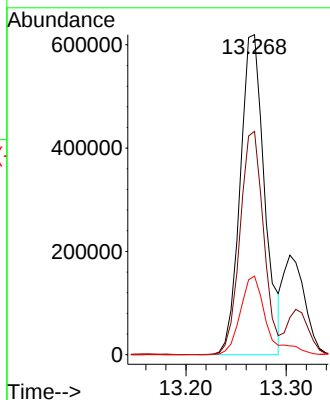
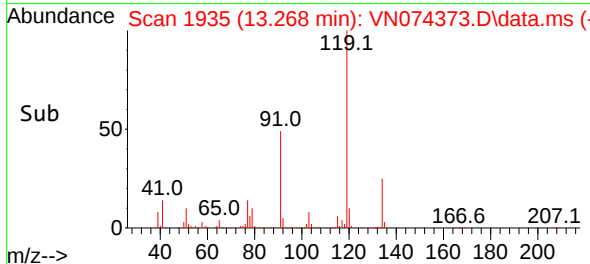
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



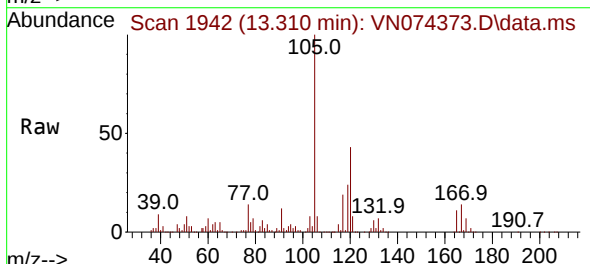
Tgt Ion:119 Resp: 1049699
Ion Ratio Lower Upper
119 100
91 67.5 33.8 101.3
134 26.2 13.1 39.3

Manual Integrations
APPROVED

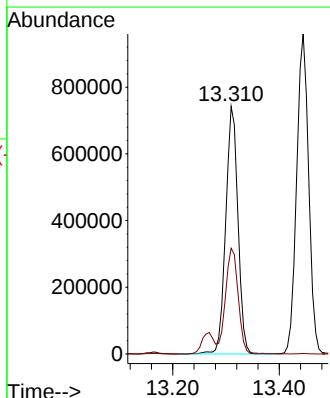
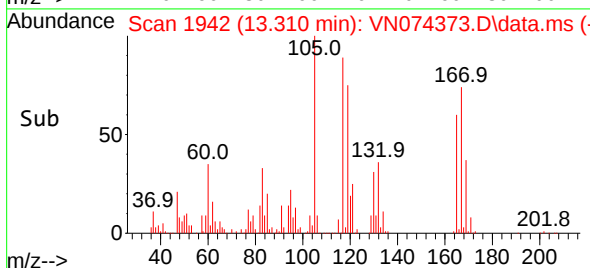
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022

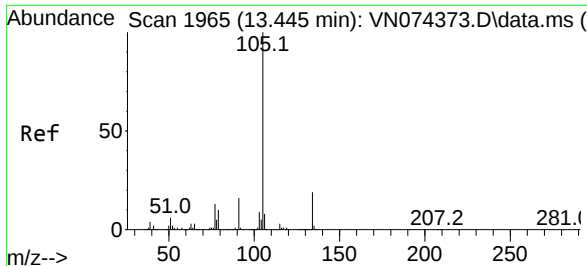


#84
1,2,4-Trimethylbenzene
Concen: 48.978 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



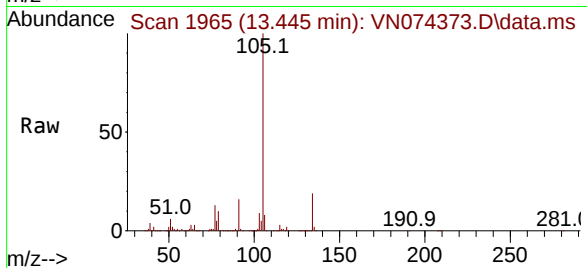
Tgt Ion:105 Resp: 1185630
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 50.129 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074373.D
 Acq: 09 Sep 2022 12:25

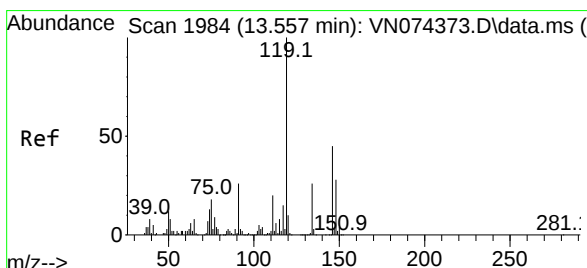
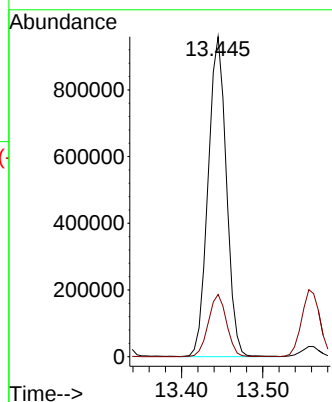
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion:105 Resp: 1500022
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9

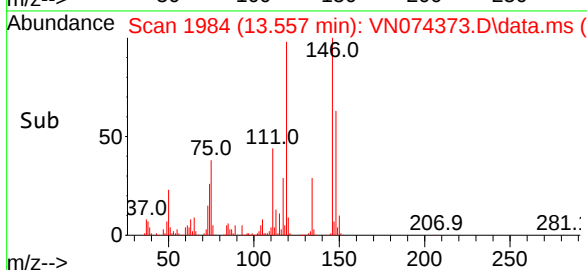
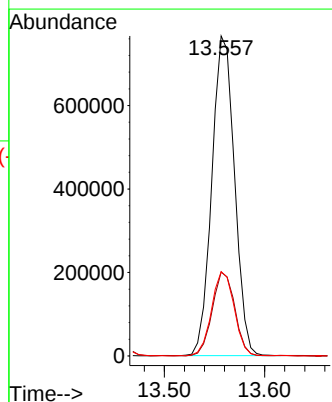
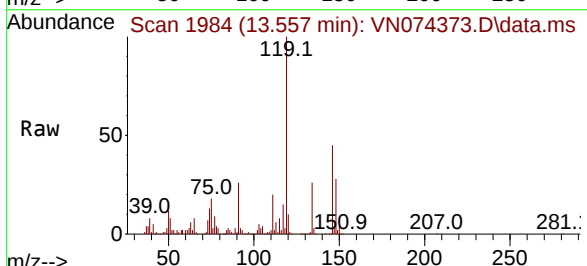
Manual Integrations
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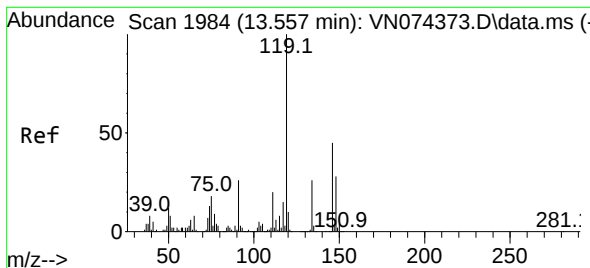
Reviewed By :John Carlone 09/12/2022
 Supervised By :Mahesh Dadoda 09/12/2022



#86
 p-Isopropyltoluene
 Concen: 50.286 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074373.D
 Acq: 09 Sep 2022 12:25

Tgt Ion:119 Resp: 1204419
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 26.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.779 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 56996

Ion Ratio Lower Upper

146 100

111 43.0 21.5 64.5

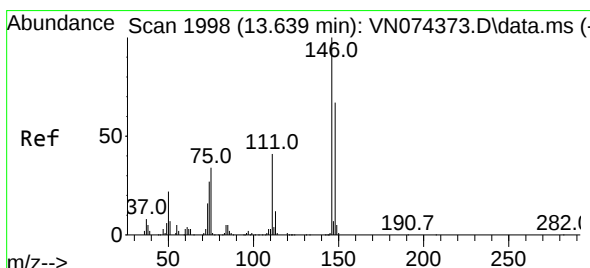
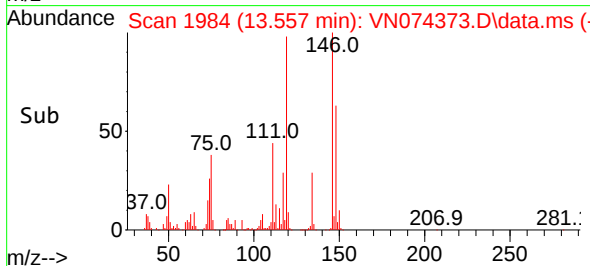
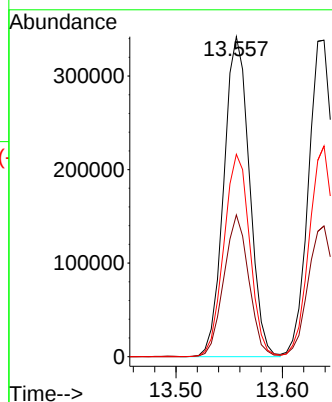
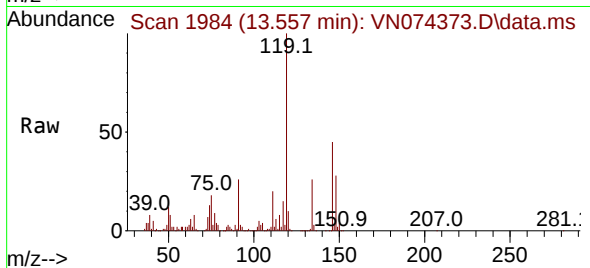
148 64.0 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#88

1,4-Dichlorobenzene

Concen: 48.494 ug/l

RT: 13.639 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

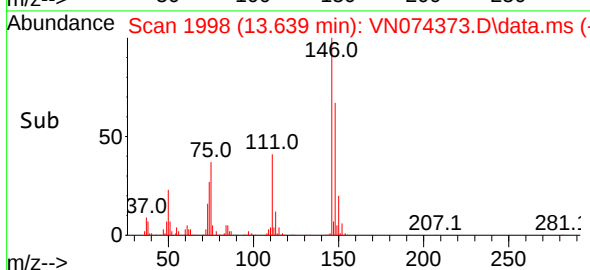
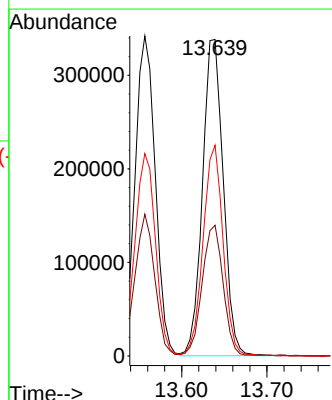
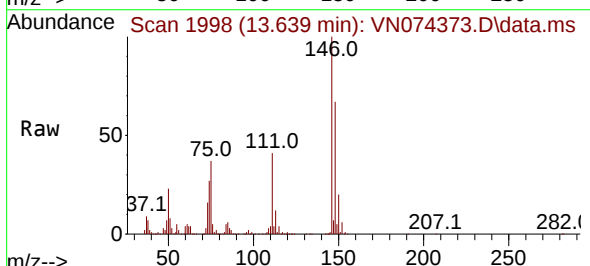
Tgt Ion:146 Resp: 572407

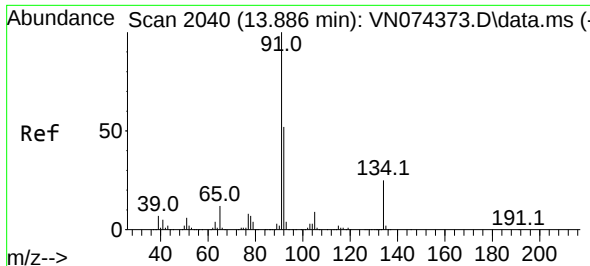
Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.2

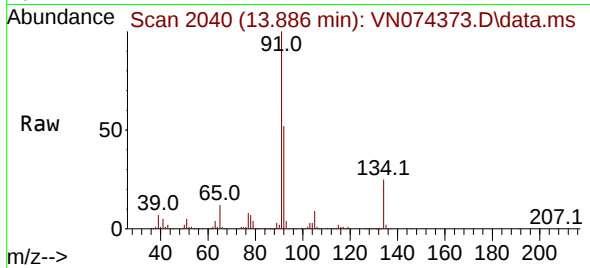
148 64.3 32.1 96.5





#89
n-Butylbenzene
Concen: 52.420 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

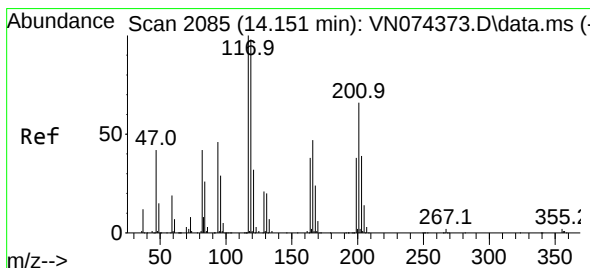
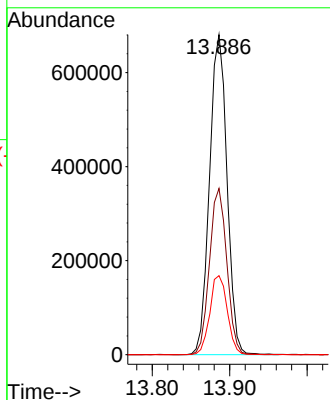
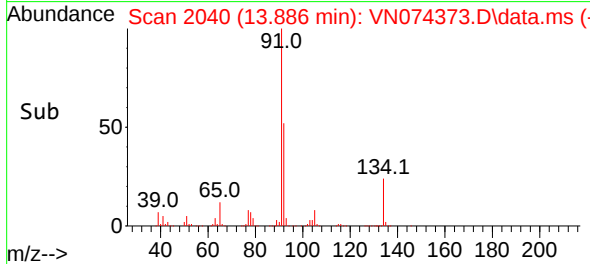
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 106839
Ion Ratio Lower Upper
91 100
92 51.6 25.8 77.4
134 24.7 12.4 37.0

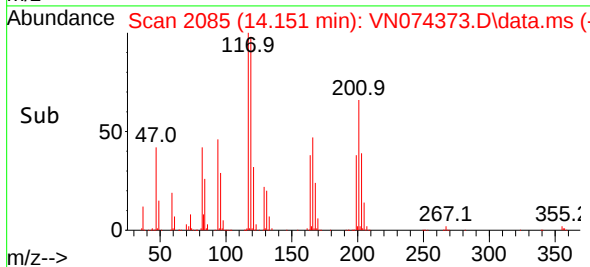
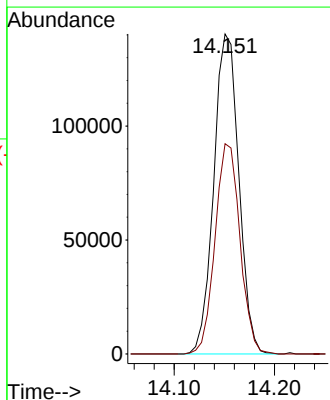
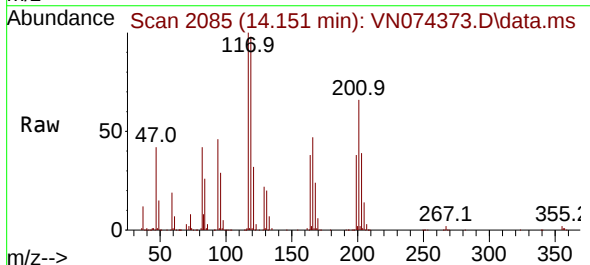
Manual Integrations
APPROVED

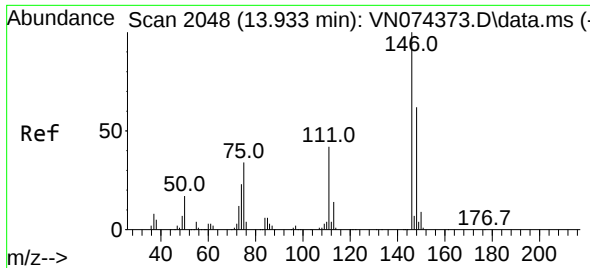
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#90
Hexachloroethane
Concen: 48.068 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

Tgt Ion:117 Resp: 243219
Ion Ratio Lower Upper
117 100
201 65.3 32.6 98.0





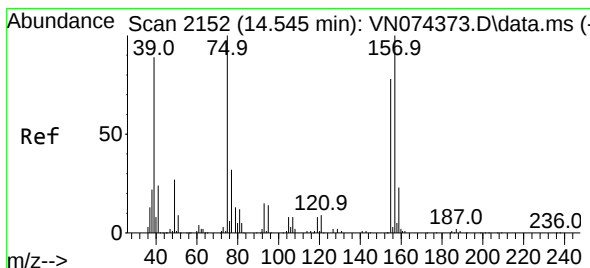
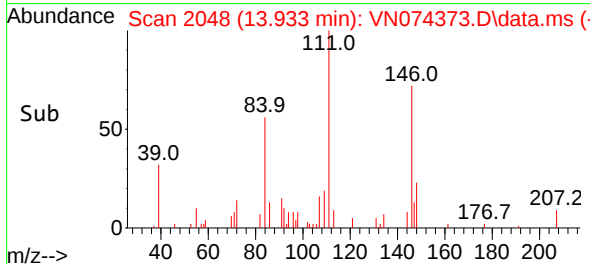
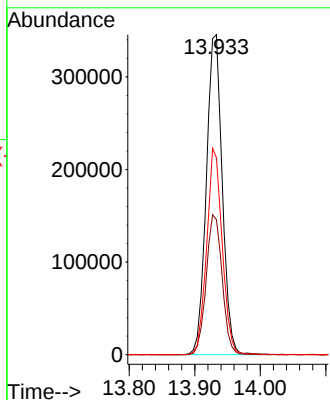
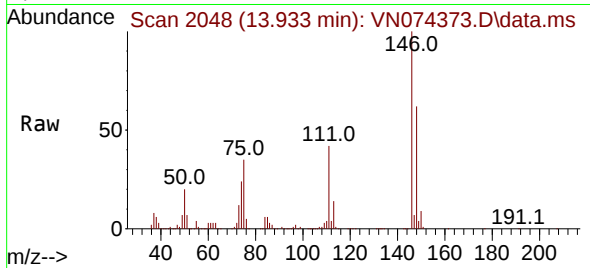
#91
1,2-Dichlorobenzene
Concen: 47.529 ug/l
RT: 13.933 min Scan# 2048
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 584040
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.7
148 62.8 31.4 94.2

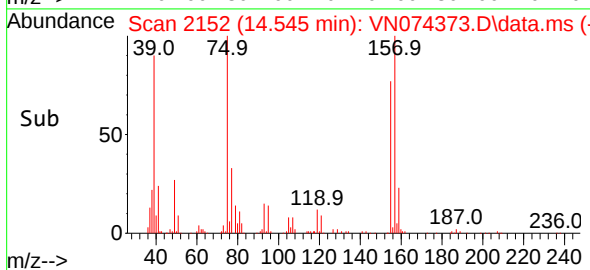
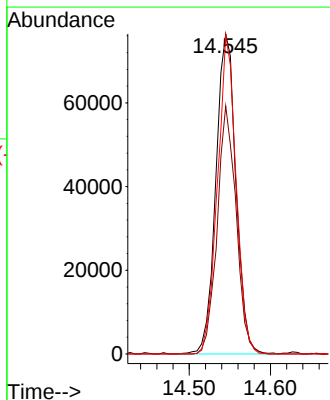
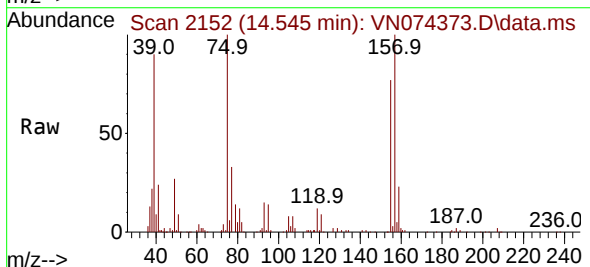
Manual Integrations
APPROVED

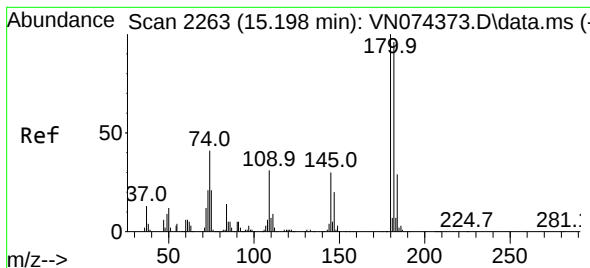
Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.611 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

Tgt Ion: 75 Resp: 131338
Ion Ratio Lower Upper
75 100
155 73.3 36.6 109.9
157 92.3 46.2 138.5





#93

1,2,4-Trichlorobenzene

Concen: 49.831 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 305129

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

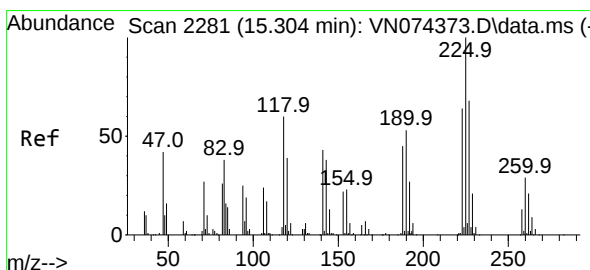
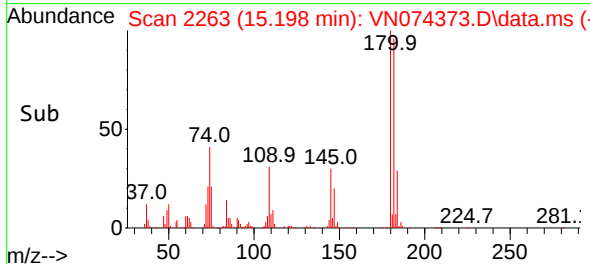
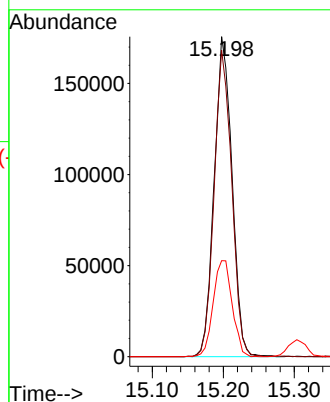
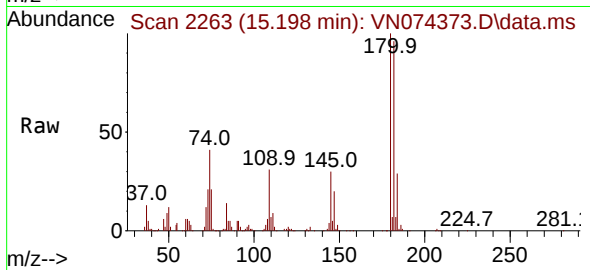
145 32.1 16.1 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2022

Supervised By :Mahesh Dadoda 09/12/2022



#94

Hexachlorobutadiene

Concen: 46.627 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN074373.D

Acq: 09 Sep 2022 12:25

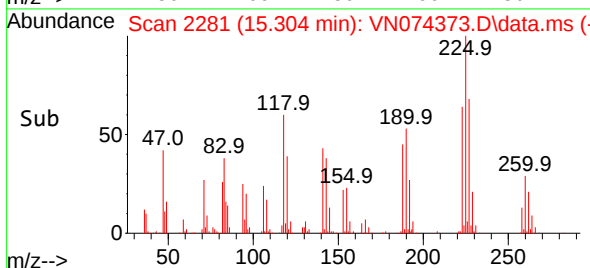
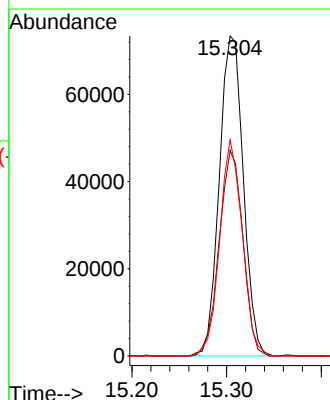
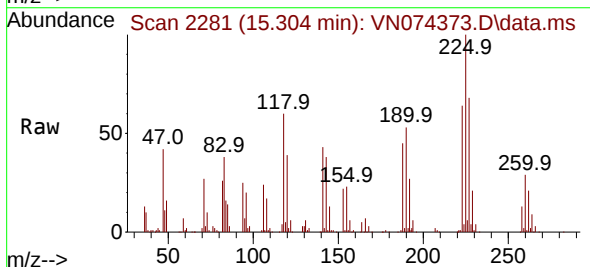
Tgt Ion:225 Resp: 129406

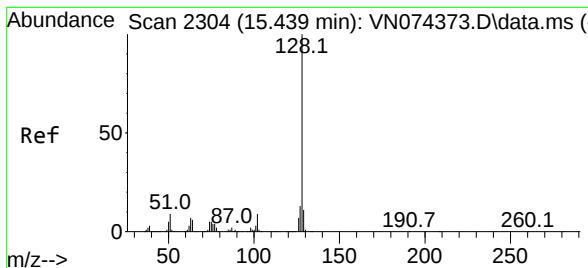
Ion Ratio Lower Upper

225 100

223 63.2 31.6 94.8

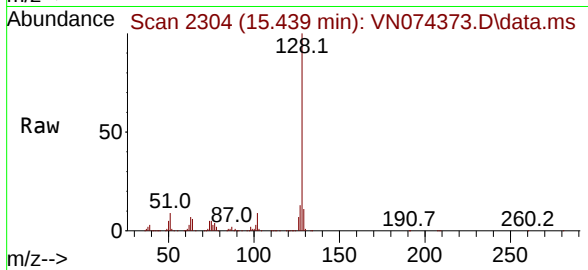
227 63.6 31.8 95.4





#95
Naphthalene
Concen: 51.330 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25

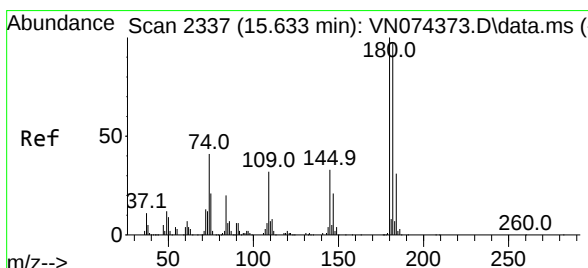
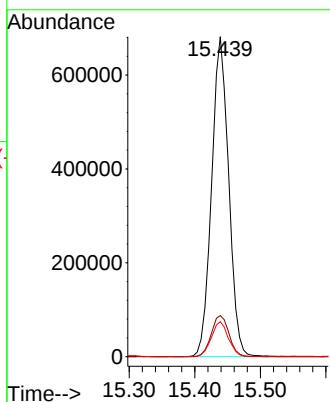
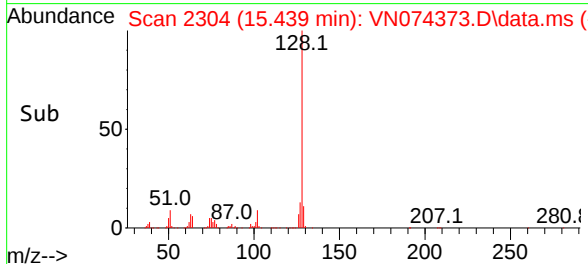
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



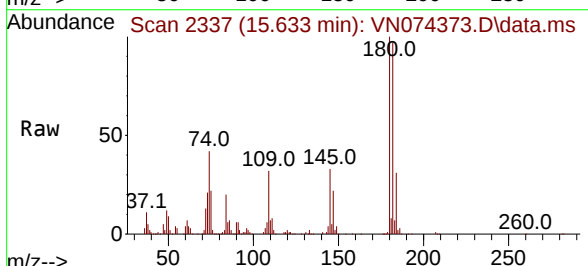
Tgt Ion:128 Resp: 1229678
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2022
Supervised By :Mahesh Dadoda 09/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.895 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VN074373.D
Acq: 09 Sep 2022 12:25



Tgt Ion:180 Resp: 309826
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.8
145 34.7 17.3 52.0

