

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075342.D
 Acq On : 21 Nov 2022 13:28
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 22 04:49:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 04:47:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2022
 Supervised By : Mahesh Dadoda 11/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	173162	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	270003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	251971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	82033	38.791	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	77.580%		
35) Dibromofluoromethane	8.171	113	103186	68.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	136.380%#		
50) Toluene-d8	10.570	98	239336	43.046	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.100%		
62) 4-Bromofluorobenzene	12.847	95	184136	87.539	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	175.080%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	107912	51.266	ug/l	98
3) Chloromethane	2.365	50	120777	53.306	ug/l	96
4) Vinyl Chloride	2.524	62	164131	51.515	ug/l	96
5) Bromomethane	2.918	94	124209	54.079	ug/l	95
6) Chloroethane	3.094	64	122805	53.325	ug/l	95
7) Trichlorofluoromethane	3.494	101	230716	67.868	ug/l	97
8) Diethyl Ether	3.965	74	85815	69.046	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	135007	71.702	ug/l	92
10) Methyl Iodide	4.588	142	225169	78.865	ug/l	94
11) Tert butyl alcohol	5.541	59	151992	291.780	ug/l	100
12) 1,1-Dichloroethene	4.341	96	129737	72.019	ug/l	92
13) Acrolein	4.183	56	155138	362.067	ug/l	100
14) Allyl chloride	5.030	41	175960	69.036	ug/l	95
15) Acrylonitrile	5.730	53	356052	320.655	ug/l	98
16) Acetone	4.435	43	291587	300.821	ug/l	94
17) Carbon Disulfide	4.718	76	342322	75.438	ug/l	100
18) Methyl Acetate	5.035	43	181639	59.004	ug/l	95
19) Methyl tert-butyl Ether	5.806	73	455023	68.757	ug/l	100
20) Methylene Chloride	5.282	84	147127	68.352	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	146128	73.797	ug/l	91
22) Diisopropyl ether	6.682	45	387030	67.573	ug/l	98
23) Vinyl Acetate	6.612	43	1611661m	338.642	ug/l	
24) 1,1-Dichloroethane	6.577	63	244023	66.996	ug/l	98
25) 2-Butanone	7.488	43	464511	310.168	ug/l	97
26) 2,2-Dichloropropane	7.494	77	225700	67.425	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	170022	72.029	ug/l	94
28) Bromochloromethane	7.818	49	113844	75.125	ug/l	84
29) Tetrahydrofuran	7.841	42	299529	311.614	ug/l	98
30) Chloroform	7.971	83	271122	68.585	ug/l	99
31) Cyclohexane	8.259	56	220365	65.398	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	254259	70.644	ug/l	93
36) 1,1-Dichloropropene	8.371	75	200404	82.215	ug/l	97
37) Ethyl Acetate	7.565	43	177791	67.439	ug/l	98
38) Carbon Tetrachloride	8.365	117	230908	85.984	ug/l	99
39) Methylcyclohexane	9.600	83	261163	81.669	ug/l	96
40) Benzene	8.606	78	606659	81.310	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	91821	73.377	ug/l	94
42) 1,2-Dichloroethane	8.671	62	197398	73.726	ug/l	96
43) Isopropyl Acetate	8.694	43	298179	73.462	ug/l	96
44) Trichloroethene	9.353	130	169665	89.125	ug/l	96
45) 1,2-Dichloropropane	9.623	63	141619	80.033	ug/l	100
46) Dibromomethane	9.712	93	110006	79.633	ug/l	90
47) Bromodichloromethane	9.888	83	216707	81.020	ug/l	94
48) Methyl methacrylate	9.682	41	136719	72.948	ug/l	96
49) 1,4-Dioxane	9.700	88	78541	1570.856	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	962668	367.910	ug/l	97
52) Toluene	10.629	92	412111	83.336	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	239628	85.464	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	254904	85.398	ug/l	94
55) 1,1,2-Trichloroethane	11.017	97	158955	81.004	ug/l	98
56) Ethyl methacrylate	10.876	69	239727	80.645	ug/l	97
57) 1,3-Dichloropropane	11.164	76	259346	79.297	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	536998	472.789	ug/l	97
59) 2-Hexanone	11.194	43	734885	369.768	ug/l	97
60) Dibromochloromethane	11.359	129	185400	88.590	ug/l	100
61) 1,2-Dibromoethane	11.470	107	173045	85.689	ug/l	99
64) Tetrachloroethene	11.106	164	151391	94.363	ug/l	93
65) Chlorobenzene	11.894	112	441948	82.227	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	169010	84.634	ug/l	98
67) Ethyl Benzene	11.964	91	799321	83.269	ug/l	97
68) m/p-Xylenes	12.070	106	646758	168.755	ug/l	100
69) o-Xylene	12.400	106	316765	83.456	ug/l	99
70) Styrene	12.411	104	530844	87.421	ug/l	98
71) Bromoform	12.582	173	145867	96.426	ug/l #	99
73) Isopropylbenzene	12.694	105	829094	77.939	ug/l	99
74) N-amyl acetate	12.494	43	284466	73.394	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	246109	82.880	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	206746m	74.670	ug/l	
77) Bromobenzene	12.982	156	200285	83.850	ug/l	87
78) n-propylbenzene	13.035	91	952141	79.601	ug/l	99
79) 2-Chlorotoluene	13.129	91	556197	76.483	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	714584	79.993	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	92871	86.108	ug/l	86
82) 4-Chlorotoluene	13.129	91	556197	76.483	ug/l	97
83) tert-Butylbenzene	13.441	119	633298	79.543	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	723300	80.136	ug/l	99
85) sec-Butylbenzene	13.617	105	902328	81.174	ug/l	100
86) p-Isopropyltoluene	13.729	119	780379	84.829	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	396437	85.445	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	392988	85.526	ug/l	98
89) n-Butylbenzene	14.058	91	669397	90.059	ug/l	99
90) Hexachloroethane	14.335	117	136466	81.245	ug/l	83
91) 1,2-Dichlorobenzene	14.105	146	393066	85.089	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52399	74.016	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	230744	111.720	ug/l	99
94) Hexachlorobutadiene	15.499	225	111686	108.659	ug/l	100
95) Naphthalene	15.641	128	730336	95.801	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	221294	108.537	ug/l	99

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

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Manual Integrations

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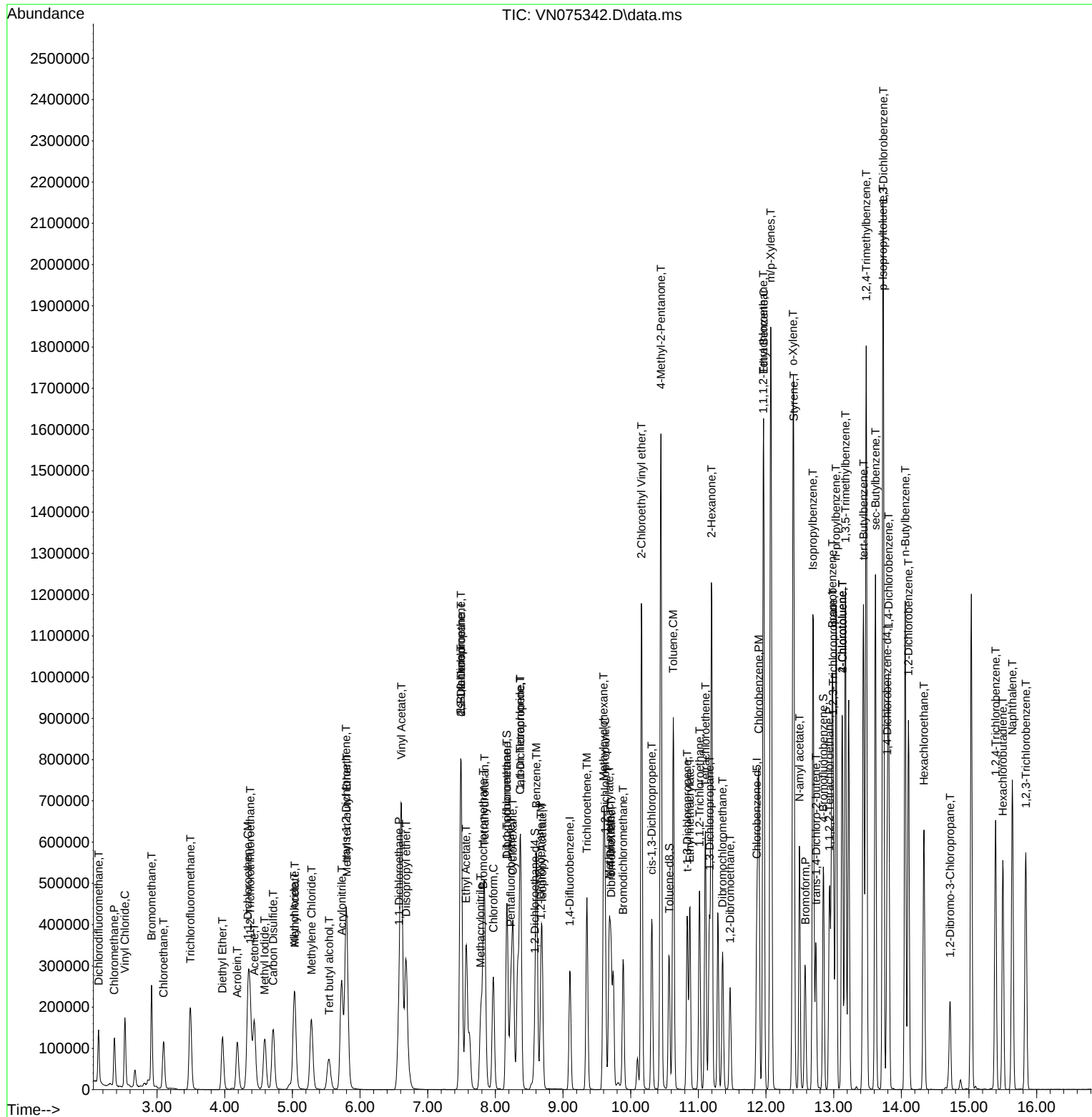
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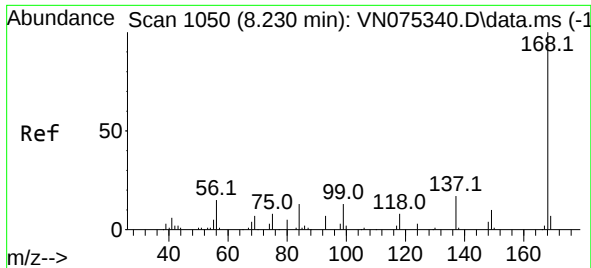
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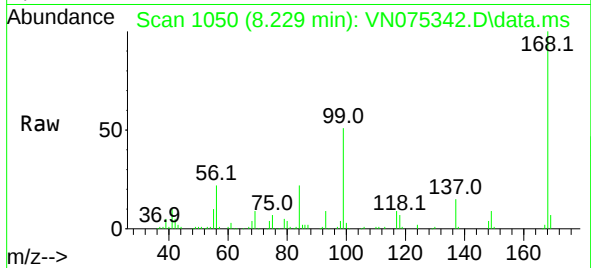
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075342.D
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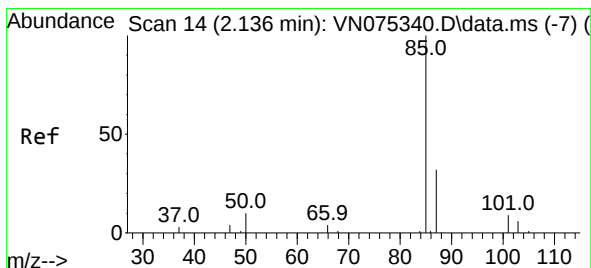
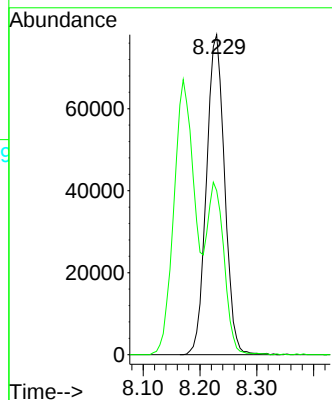
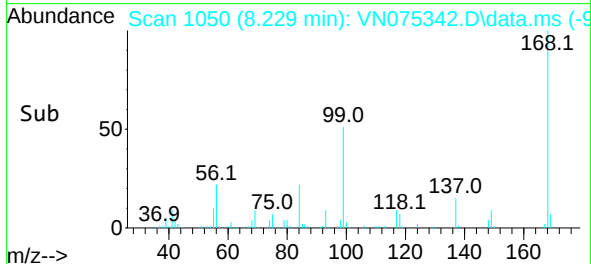
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MSVOA_N
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VSTDICC100



Tgt Ion:168 Resp: 173162
Ion Ratio Lower Upper
168 100
99 51.2 51.6 77.4

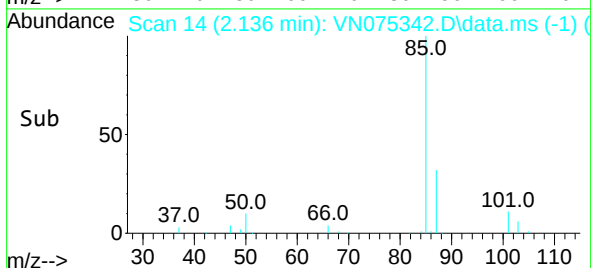
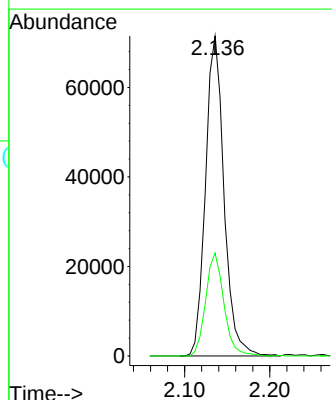
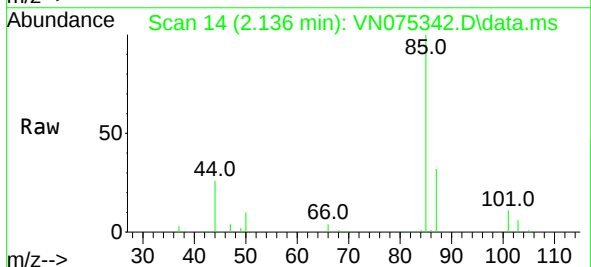
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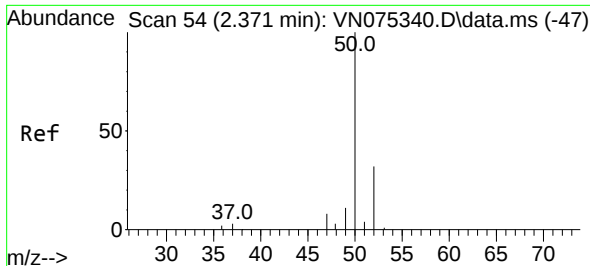
Reviewed By :John Carlone 11/22/2022
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#2
Dichlorodifluoromethane
Concen: 51.266 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075342.D
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Tgt Ion: 85 Resp: 107912
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.0





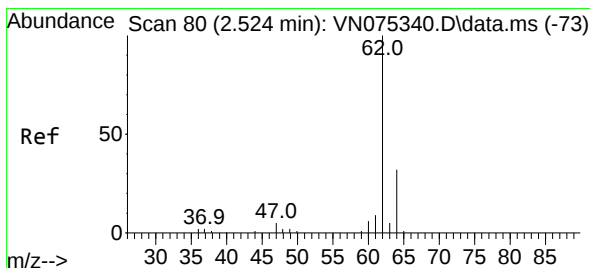
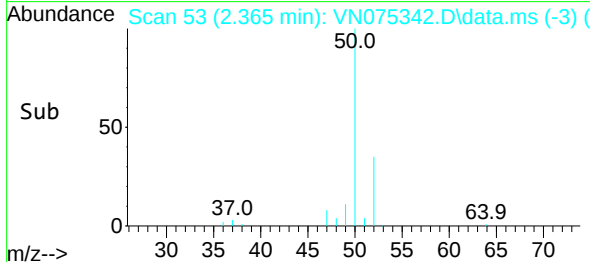
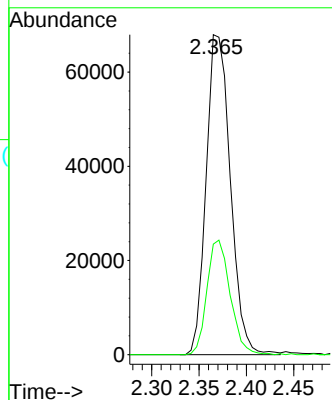
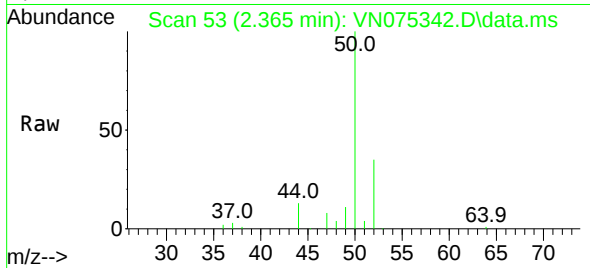
#3
Chloromethane
Concen: 53.306 ug/l
RT: 2.365 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Instrument :
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ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 12077
Ion Ratio Lower Upper
50 100
52 34.6 25.8 38.6

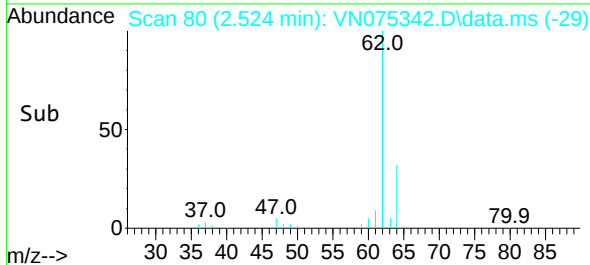
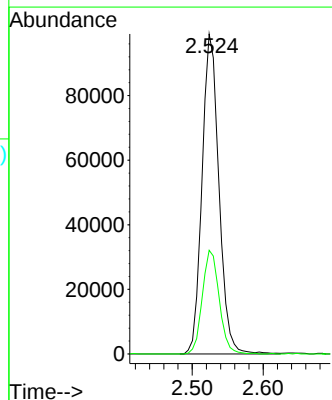
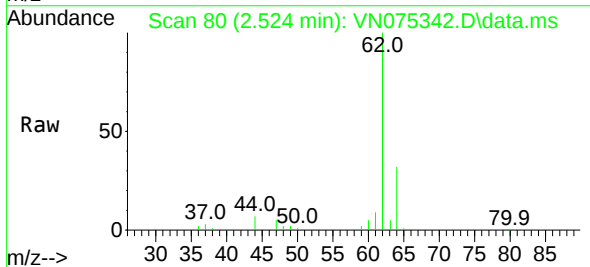
Manual Integrations
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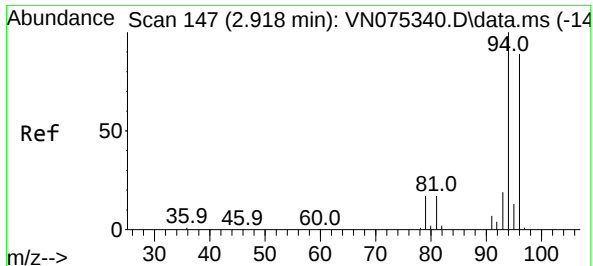
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#4
Vinyl Chloride
Concen: 51.515 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075342.D
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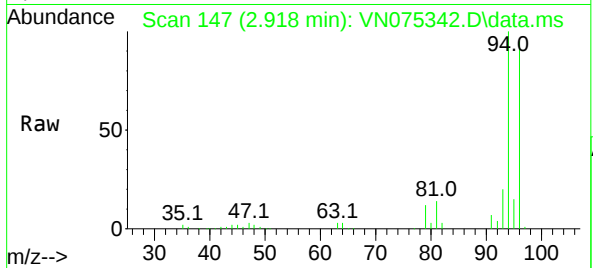
Tgt Ion: 62 Resp: 164131
Ion Ratio Lower Upper
62 100
64 32.4 24.0 36.0





#5
Bromomethane
Concen: 54.079 ug/l
RT: 2.918 min Scan# 147
Delta R.T. -0.000 min
Lab File: VN075342.D
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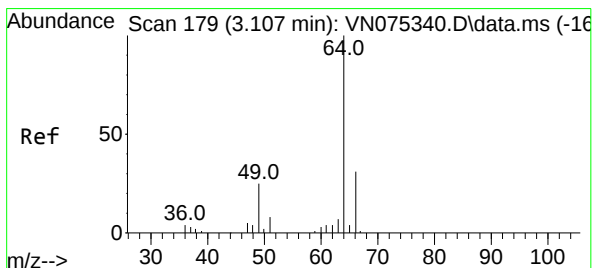
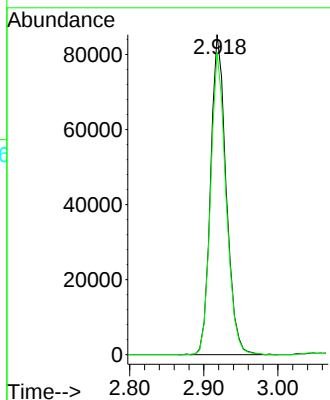
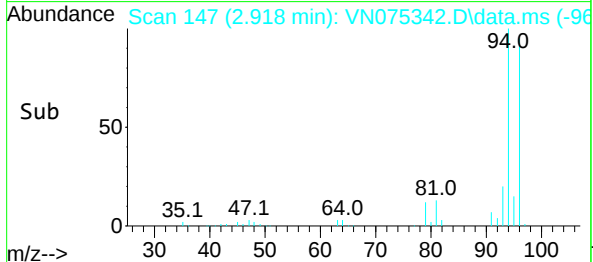
Instrument :
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Tgt Ion: 94 Resp: 124205
Ion Ratio Lower Upper
94 100
96 94.5 71.8 107.6

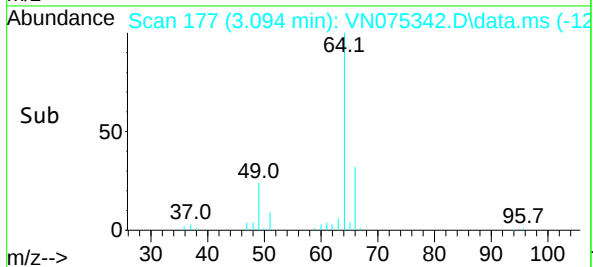
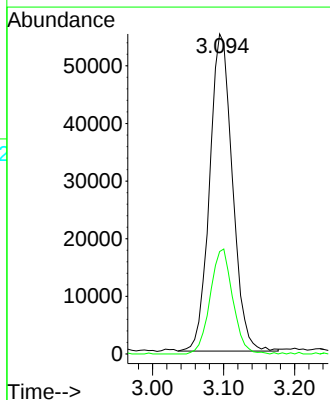
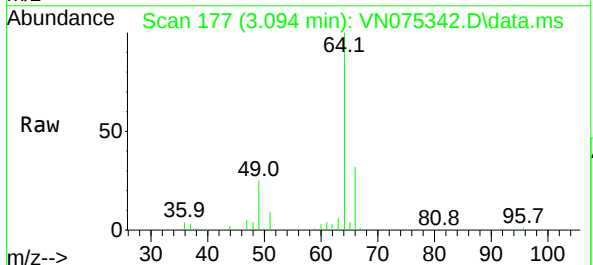
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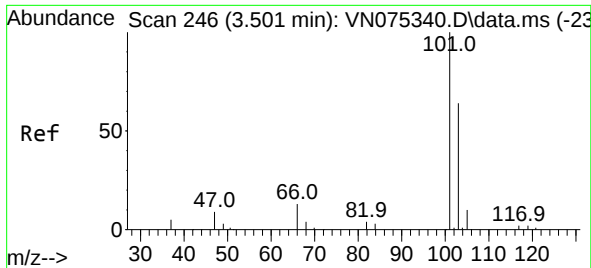
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#6
Chloroethane
Concen: 53.325 ug/l
RT: 3.094 min Scan# 177
Delta R.T. -0.012 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Tgt Ion: 64 Resp: 122805
Ion Ratio Lower Upper
64 100
66 32.3 23.8 35.8





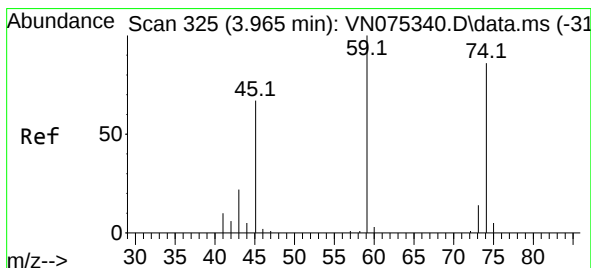
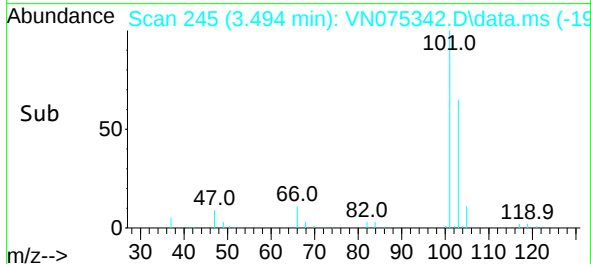
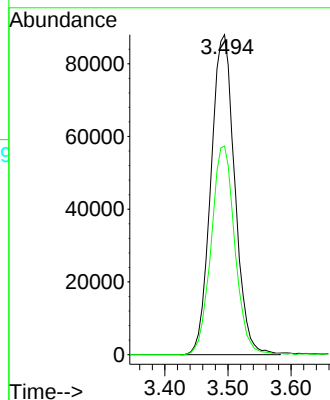
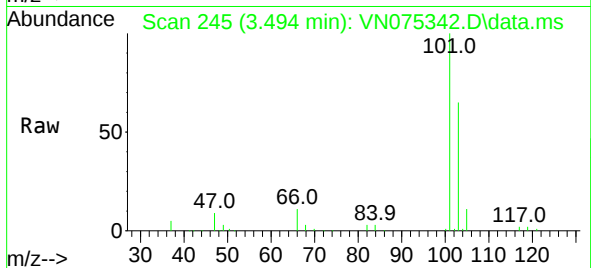
#7
Trichlorofluoromethane
Concen: 67.868 ug/l
RT: 3.494 min Scan# 246
Delta R.T. -0.006 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Instrument :
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ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 230710
Ion Ratio Lower Upper
101 100
103 65.2 50.5 75.7

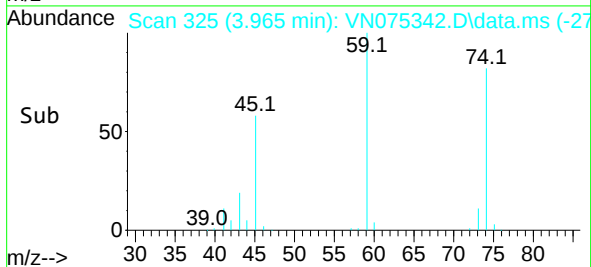
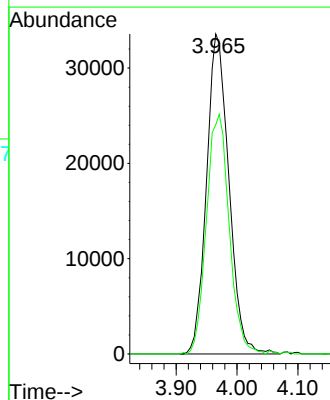
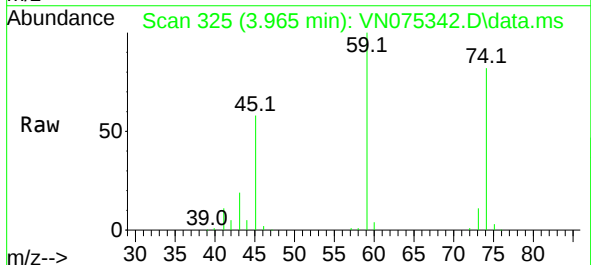
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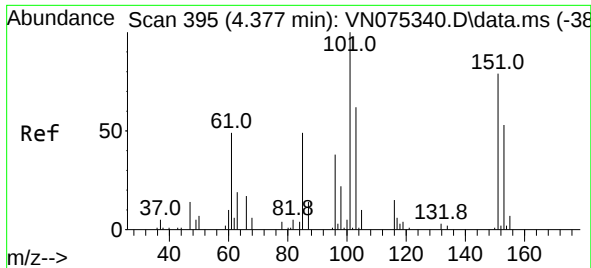
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#8
Diethyl Ether
Concen: 69.046 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Tgt Ion: 74 Resp: 85815
Ion Ratio Lower Upper
74 100
45 76.0 39.3 117.9





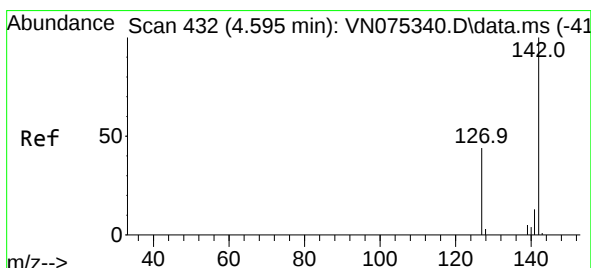
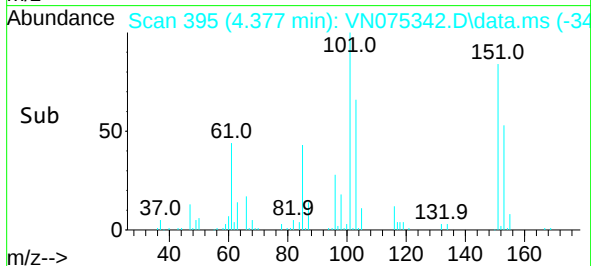
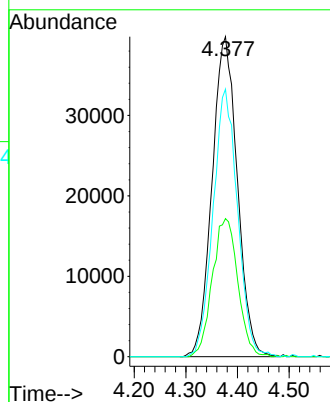
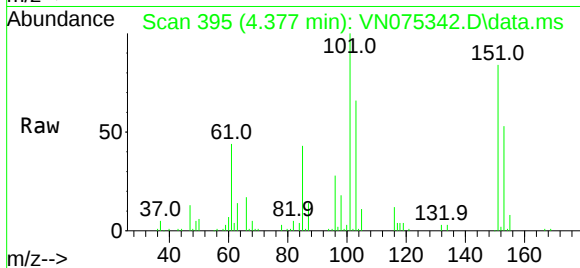
#9
1,1,2-Trichlorotrifluoroethane
Concen: 71.702 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 13500
Ion Ratio Lower Upper
101 100
85 43.5 37.6 56.4
151 81.2 58.3 87.5

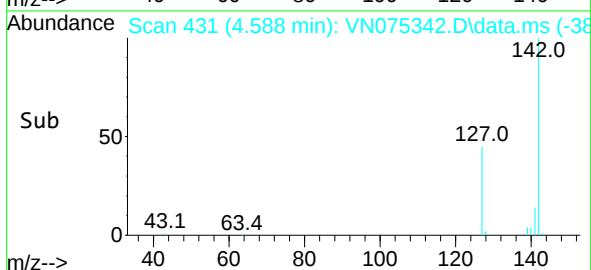
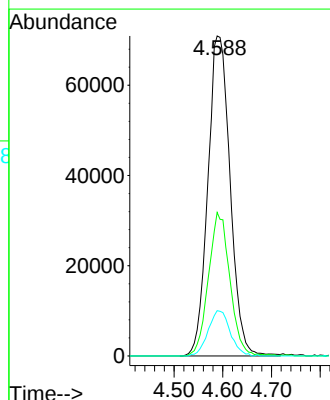
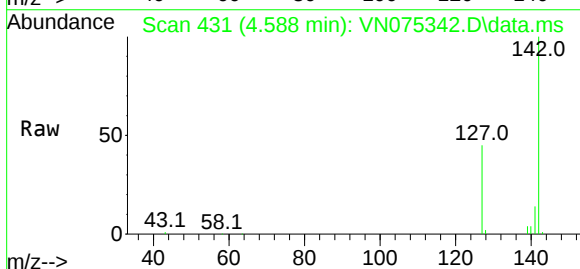
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#10
Methyl Iodide
Concen: 78.865 ug/l
RT: 4.588 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

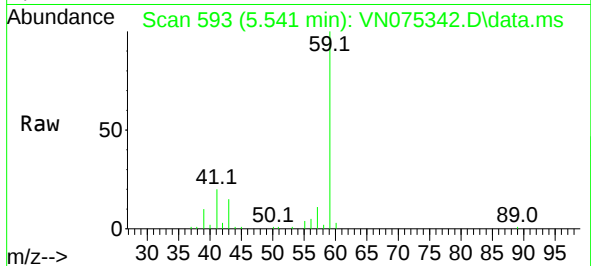
Tgt Ion:142 Resp: 225169
Ion Ratio Lower Upper
142 100
127 43.1 38.0 57.0
141 14.0 12.2 18.4





#11
Tert butyl alcohol
Concen: 291.780 ug/l
RT: 5.541 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

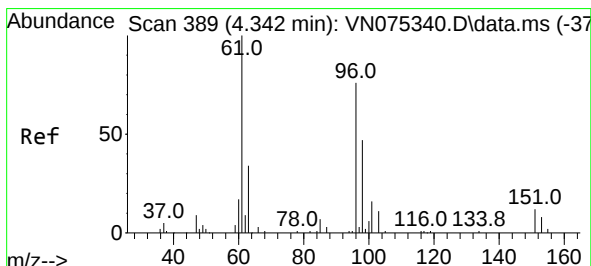
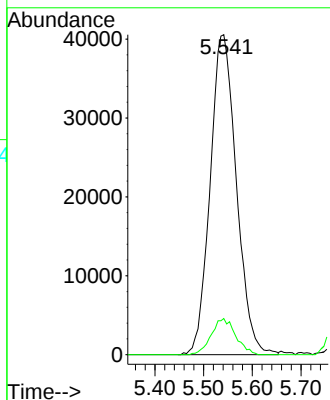
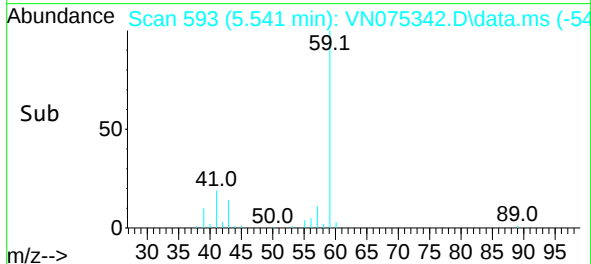
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



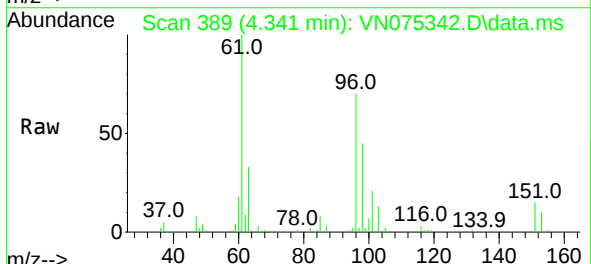
Tgt Ion: 59 Resp: 151992
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

Manual Integrations
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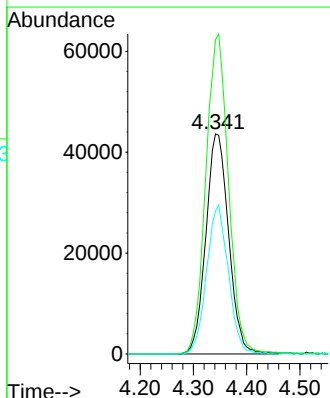
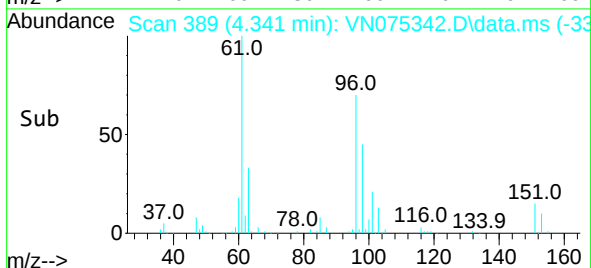
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#12
1,1-Dichloroethene
Concen: 72.019 ug/l
RT: 4.341 min Scan# 389
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



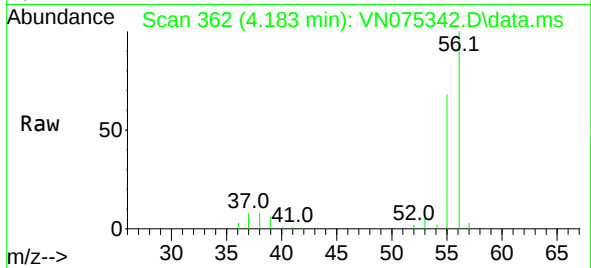
Tgt Ion: 96 Resp: 129737
Ion Ratio Lower Upper
96 100
61 142.8 126.2 189.4
98 65.0 51.5 77.3





#13
Acrolein
Concen: 362.067 ug/l
RT: 4.183 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

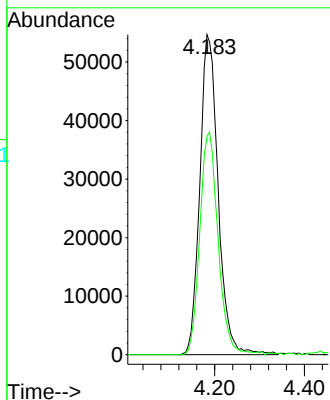
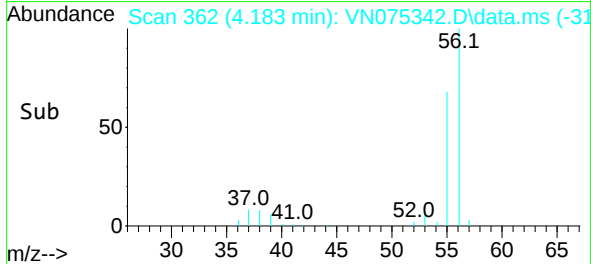
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



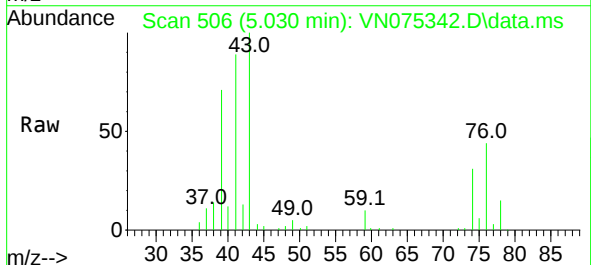
Tgt Ion: 56 Resp: 155138
Ion Ratio Lower Upper
56 100
55 69.1 55.2 82.8

Manual Integrations
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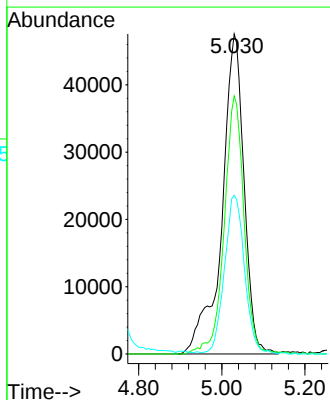
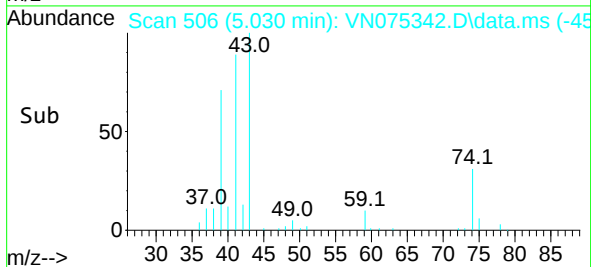
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

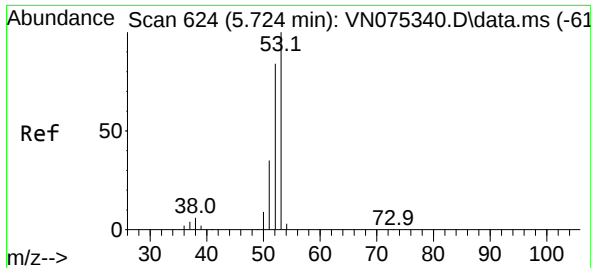


#14
Allyl chloride
Concen: 69.036 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



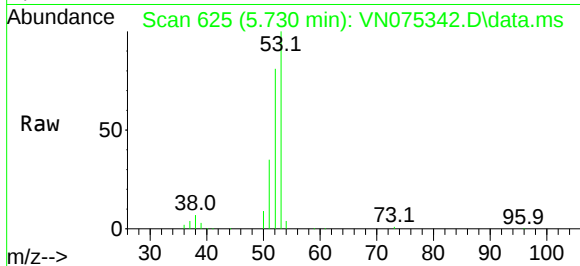
Tgt Ion: 41 Resp: 175960
Ion Ratio Lower Upper
41 100
39 71.8 61.0 91.4
76 45.0 33.4 50.0





#15
Acrylonitrile
Concen: 320.655 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

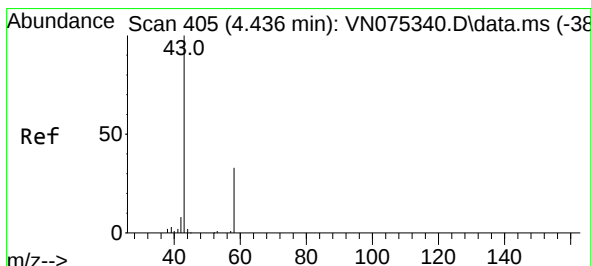
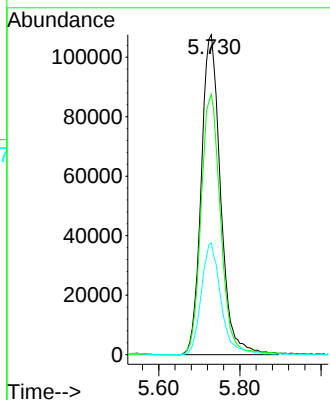
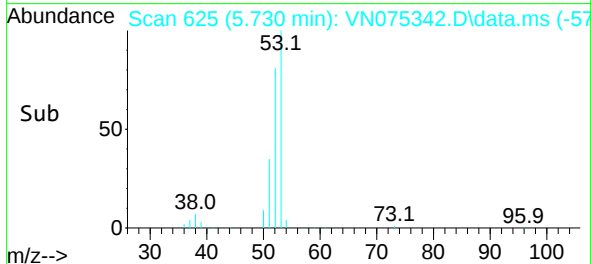
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 356052
Ion Ratio Lower Upper
53 100
52 81.7 66.4 99.6
51 35.4 29.6 44.4

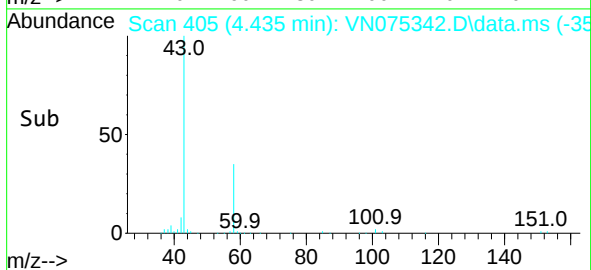
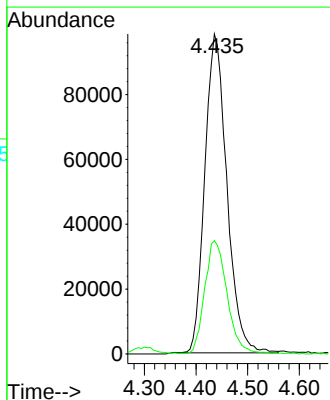
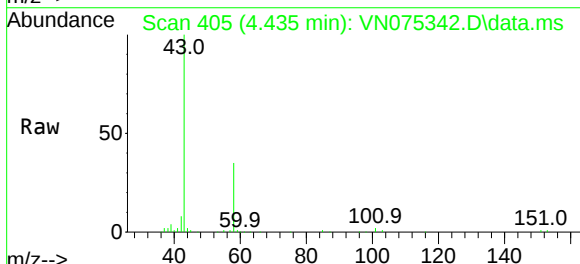
Manual Integrations
APPROVED

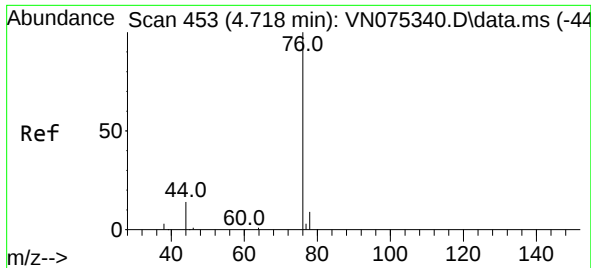
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#16
Acetone
Concen: 300.821 ug/l
RT: 4.435 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

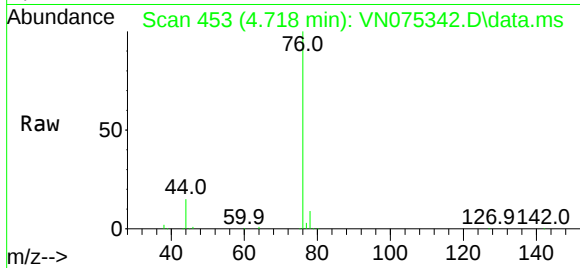
Tgt Ion: 43 Resp: 291587
Ion Ratio Lower Upper
43 100
58 35.4 25.5 38.3





#17
Carbon Disulfide
Concen: 75.438 ug/l
RT: 4.718 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

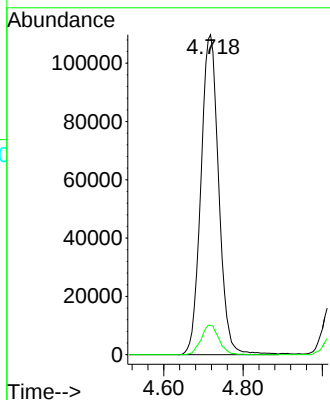
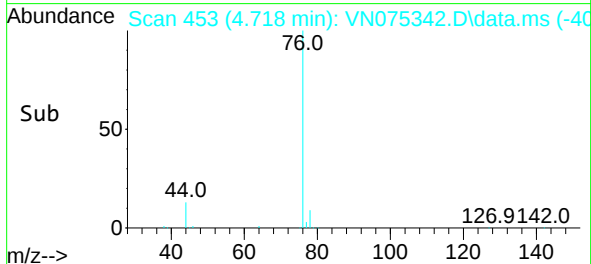
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



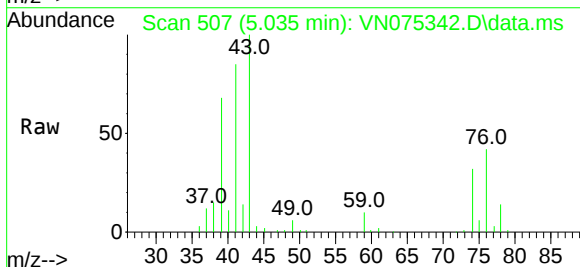
Tgt Ion: 76 Resp: 34232
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

Manual Integrations
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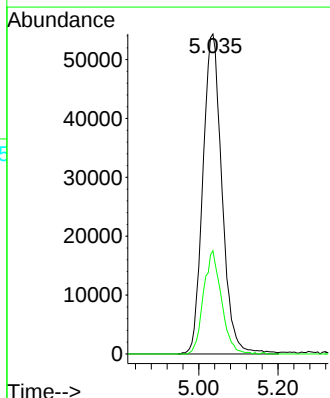
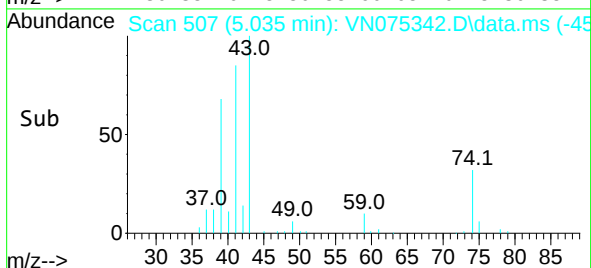
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

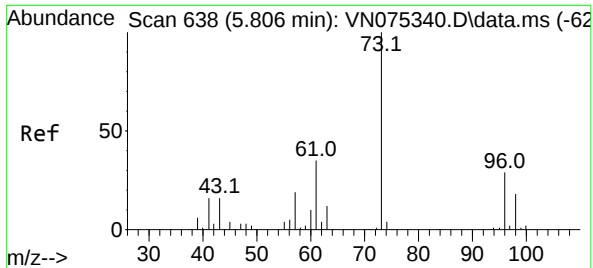


#18
Methyl Acetate
Concen: 59.004 ug/l
RT: 5.035 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



Tgt Ion: 43 Resp: 181639
Ion Ratio Lower Upper
43 100
74 30.4 22.0 33.0





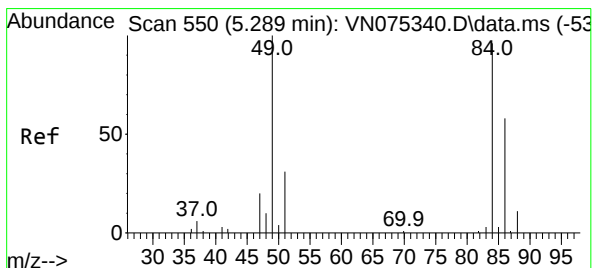
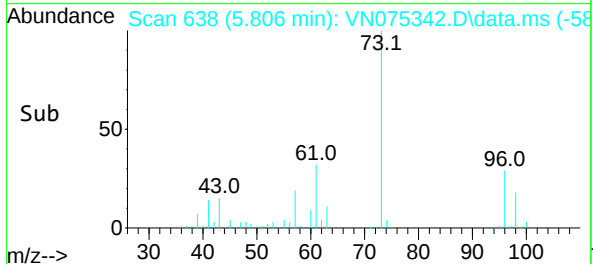
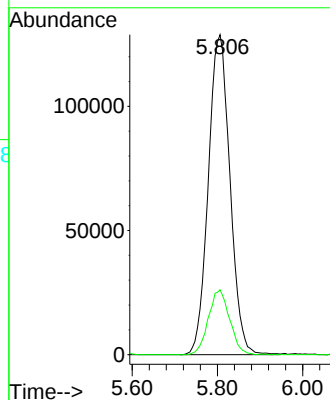
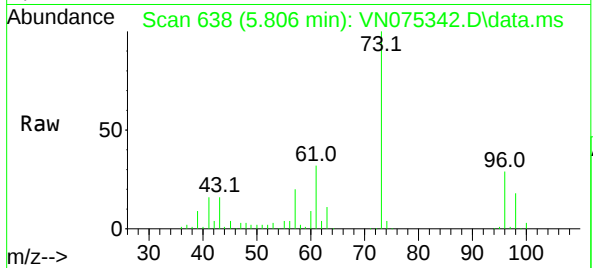
#19
Methyl tert-butyl Ether
Concen: 68.757 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 45502
Ion Ratio Lower Upper
73 100
57 20.3 16.3 24.5

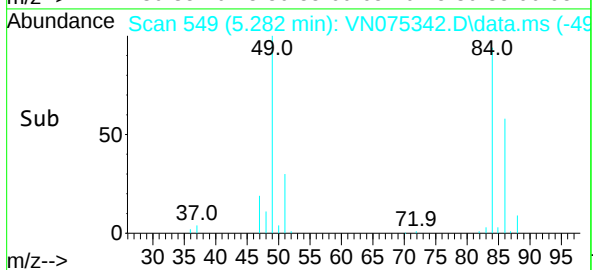
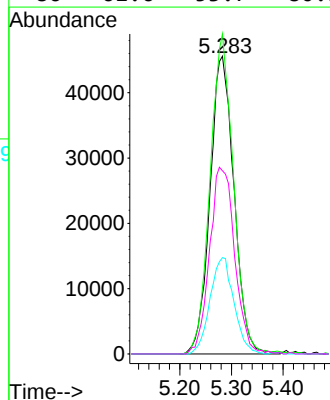
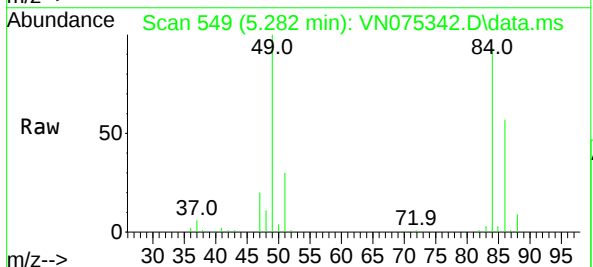
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#20
Methylene Chloride
Concen: 68.352 ug/l
RT: 5.282 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

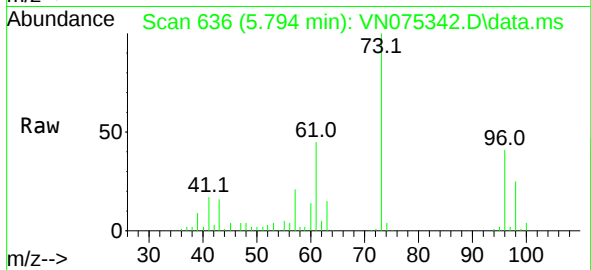
Tgt Ion: 84 Resp: 147127
Ion Ratio Lower Upper
84 100
49 107.5 94.9 142.3
51 32.3 26.8 40.2
86 61.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 73.797 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

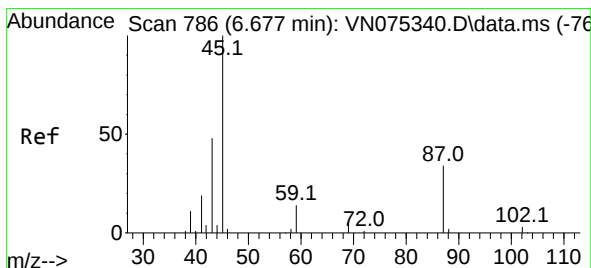
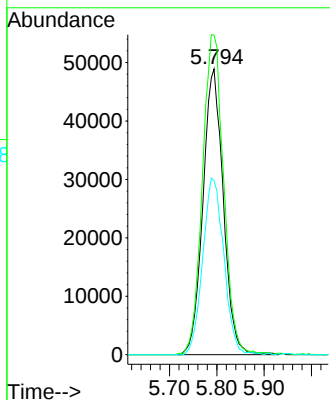
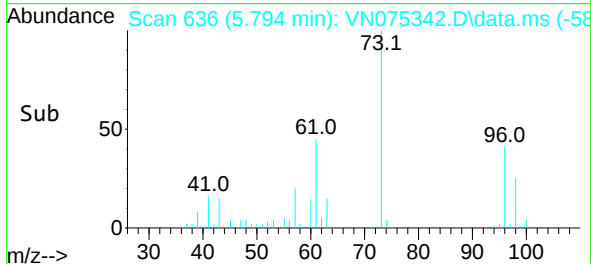
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



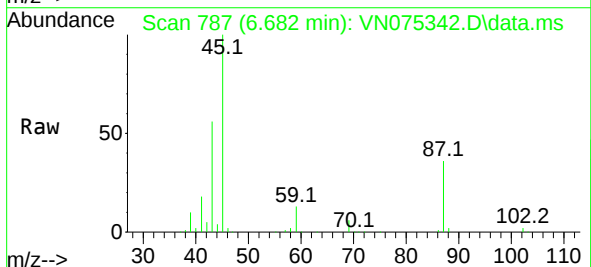
Tgt Ion: 96 Resp: 146128
Ion Ratio Lower Upper
96 100
61 111.4 99.9 149.9
98 60.8 51.5 77.3

Manual Integrations
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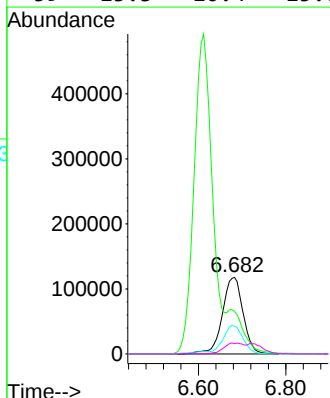
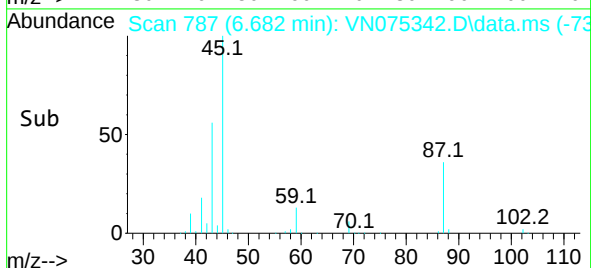
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#22
Diisopropyl ether
Concen: 67.573 ug/l
RT: 6.682 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



Tgt Ion: 45 Resp: 387030
Ion Ratio Lower Upper
45 100
43 54.8 42.8 64.2
87 36.3 28.4 42.6
59 13.3 10.4 15.6





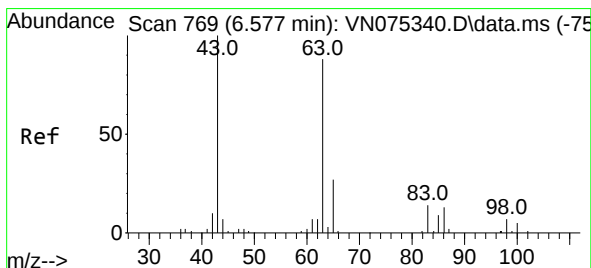
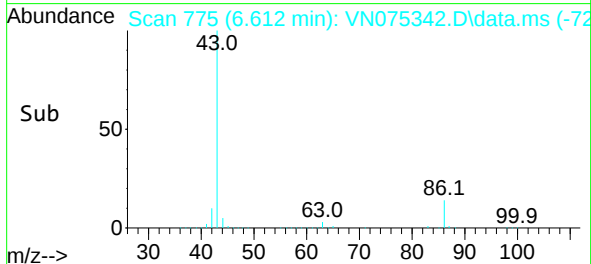
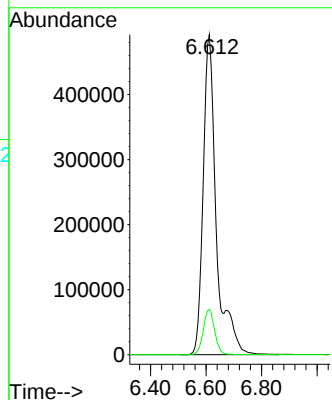
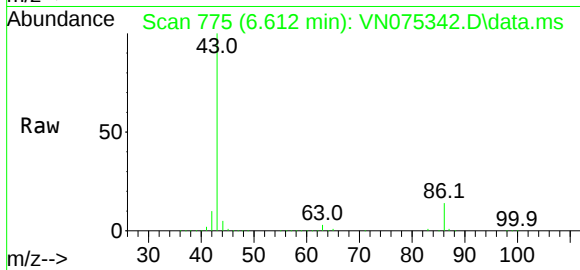
#23
 Vinyl Acetate
 Concen: 338.642 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075342.D
 Acq: 21 Nov 2022 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 161166
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.7 16.1

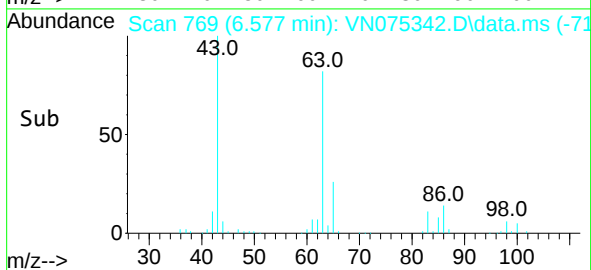
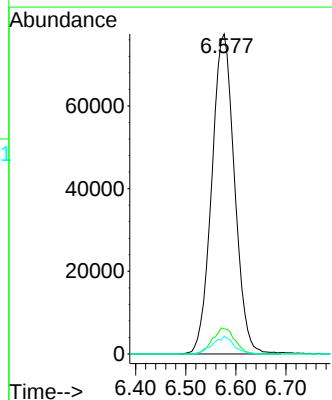
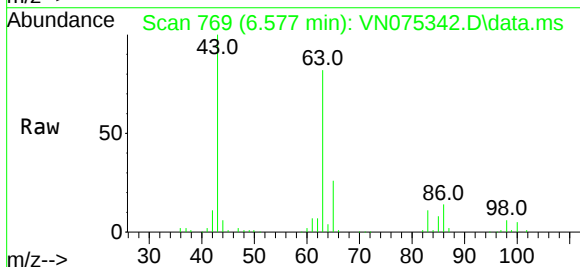
Manual Integrations
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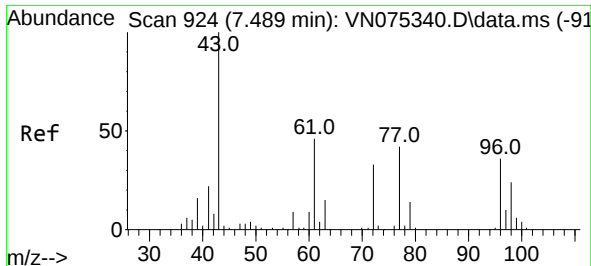
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#24
 1,1-Dichloroethane
 Concen: 66.996 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075342.D
 Acq: 21 Nov 2022 13:28

Tgt Ion: 63 Resp: 244023
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 5.5 2.4 7.2





#25

2-Butanone

Concen: 310.168 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075342.D

Acq: 21 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 46451

Ion Ratio Lower Upper

43 100

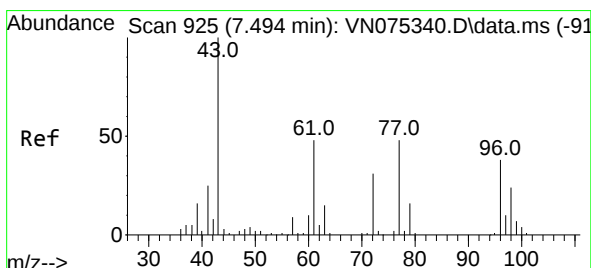
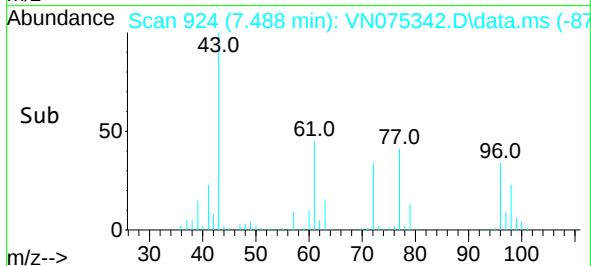
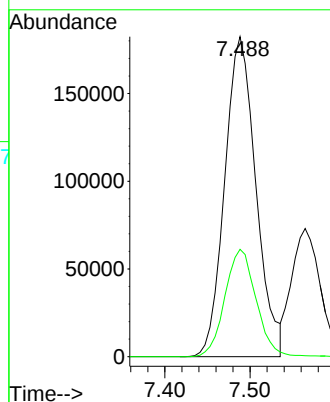
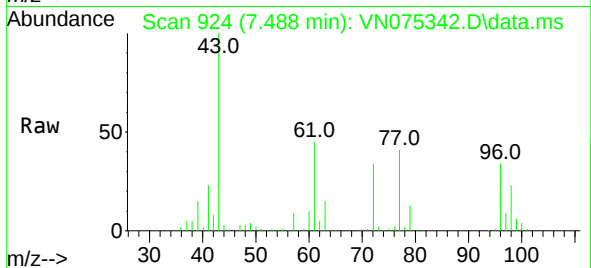
72 33.6 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#26

2,2-Dichloropropane

Concen: 67.425 ug/l

RT: 7.494 min Scan# 925

Delta R.T. -0.000 min

Lab File: VN075342.D

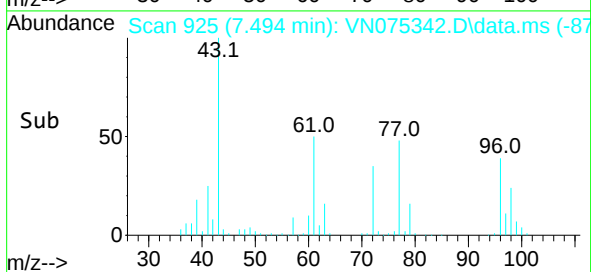
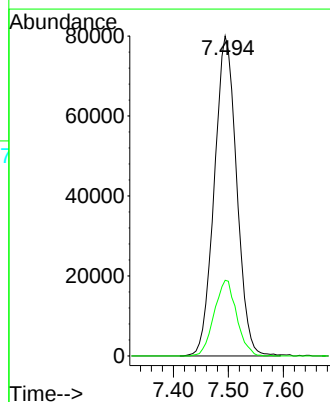
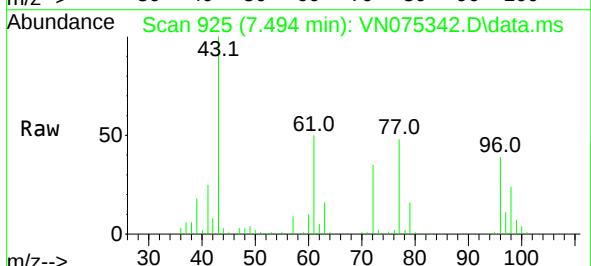
Acq: 21 Nov 2022 13:28

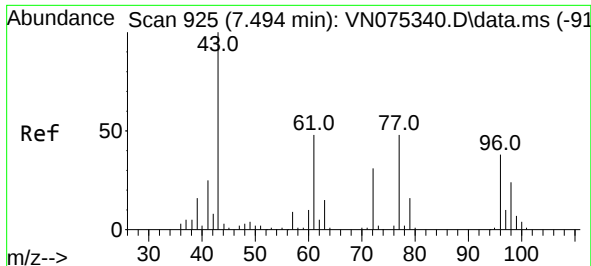
Tgt Ion: 77 Resp: 225700

Ion Ratio Lower Upper

77 100

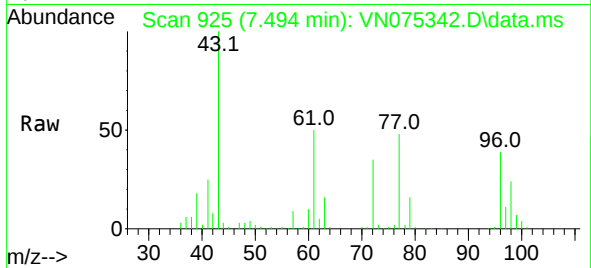
97 23.8 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 72.029 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

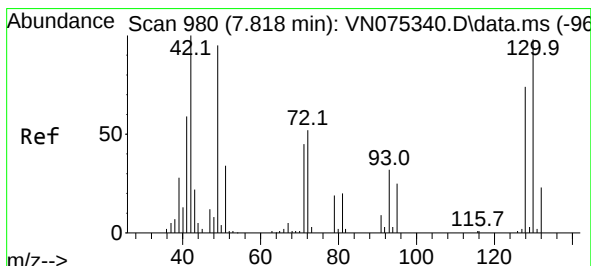
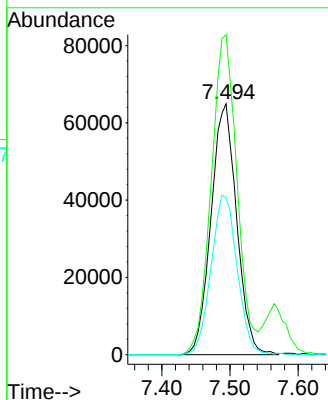
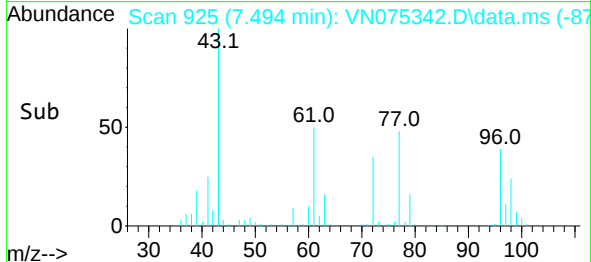
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 17002
Ion Ratio Lower Upper
96 100
61 128.6 0.0 278.8
98 64.7 0.0 128.4

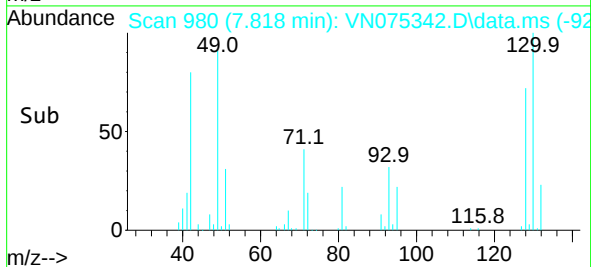
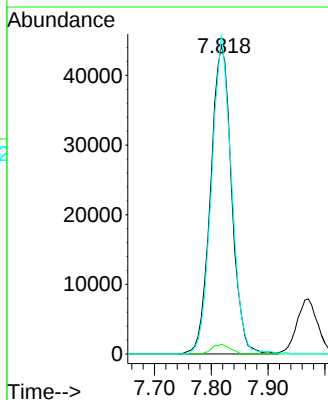
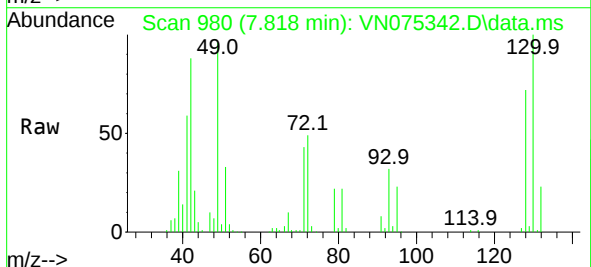
Manual Integrations
APPROVED

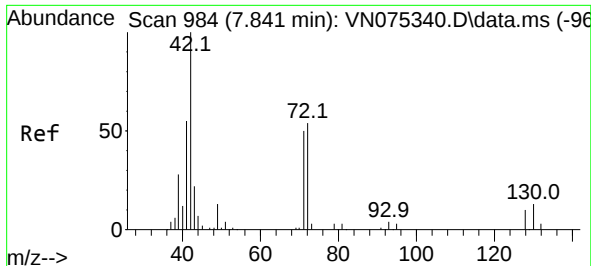
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#28
Bromochloromethane
Concen: 75.125 ug/l
RT: 7.818 min Scan# 980
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

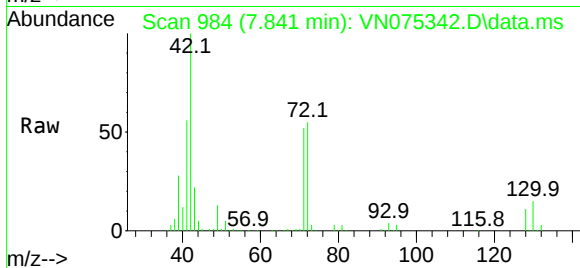
Tgt Ion: 49 Resp: 113844
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.6
130 98.0 66.2 99.4





#29
Tetrahydrofuran
Concen: 311.614 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

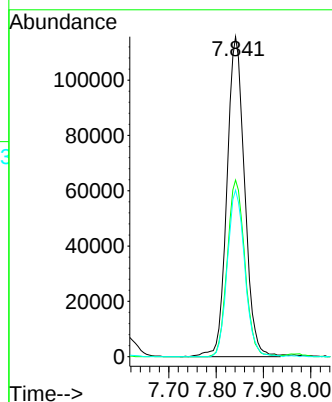
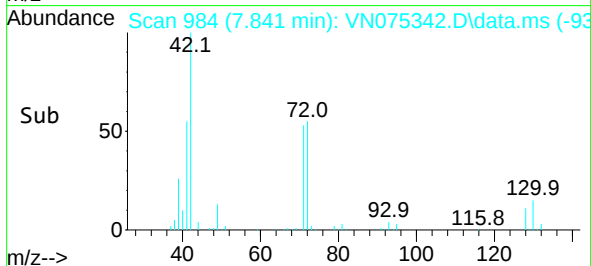
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



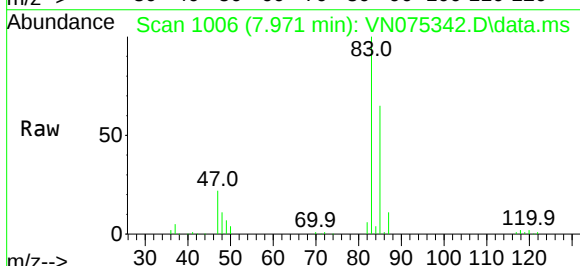
Tgt Ion: 42 Resp: 299529
Ion Ratio Lower Upper
42 100
72 54.8 43.0 64.6
71 51.4 39.9 59.9

Manual Integrations
APPROVED

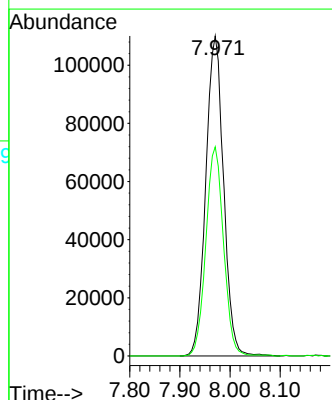
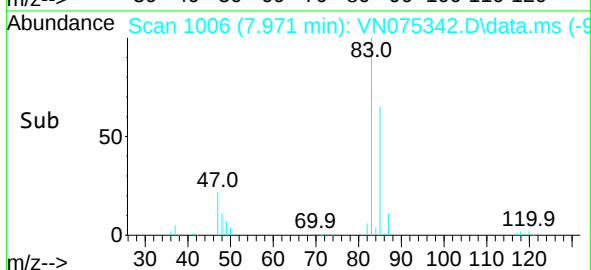
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

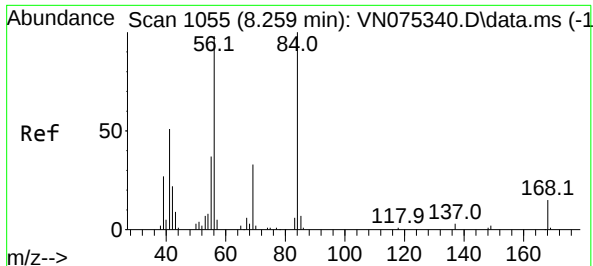


#30
Chloroform
Concen: 68.585 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



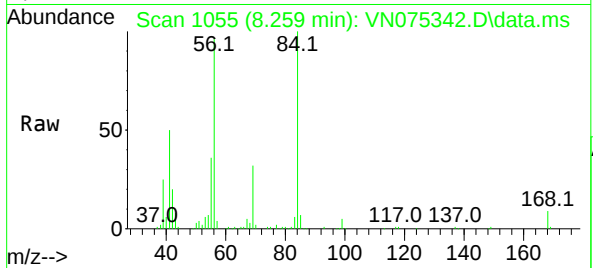
Tgt Ion: 83 Resp: 271122
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.0





#31
Cyclohexane
Concen: 65.398 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

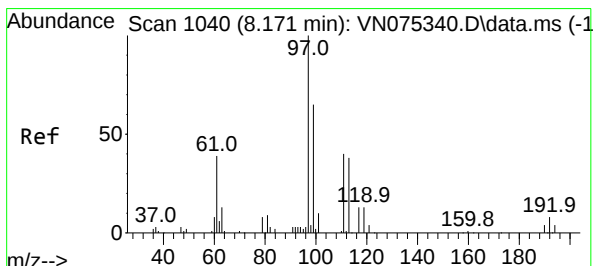
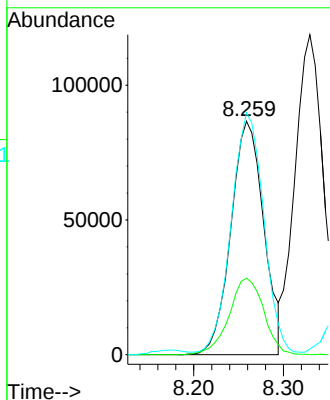
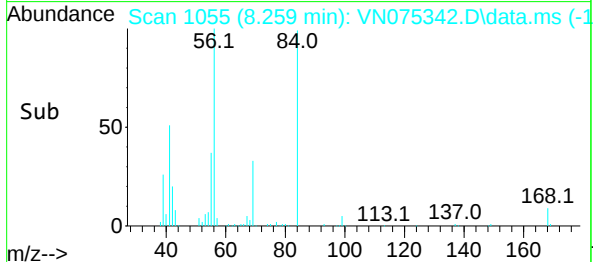
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



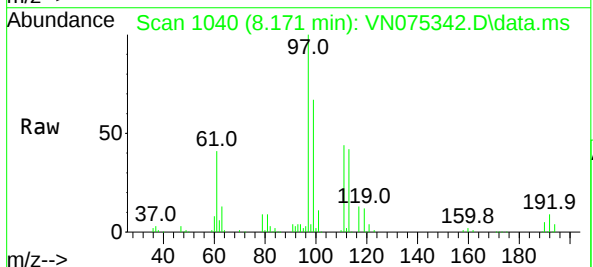
Tgt Ion: 56 Resp: 22036
Ion Ratio Lower Upper
56 100
69 32.7 25.2 37.8
84 101.9 77.8 116.8

Manual Integrations
APPROVED

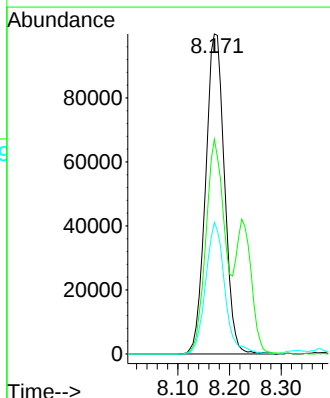
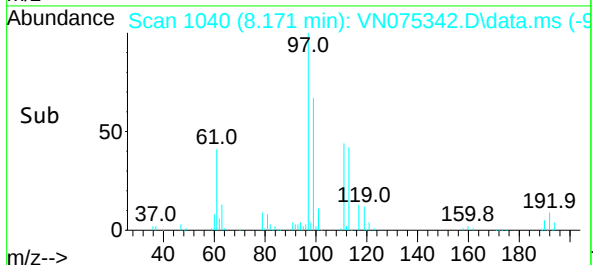
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

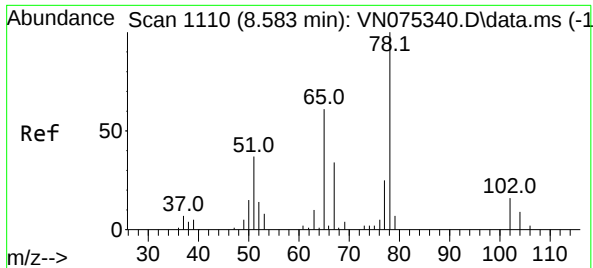


#32
1,1,1-Trichloroethane
Concen: 70.644 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



Tgt Ion: 97 Resp: 254259
Ion Ratio Lower Upper
97 100
99 68.4 50.2 75.2
61 41.5 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 38.791 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075342.D

Acq: 21 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 8203

Ion Ratio Lower Upper

65 100

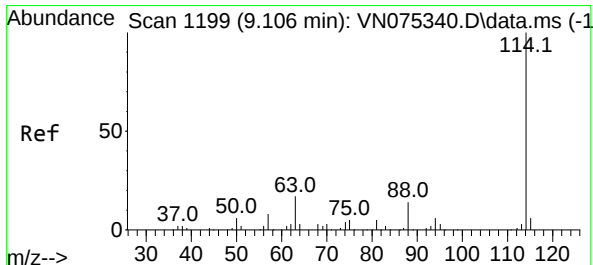
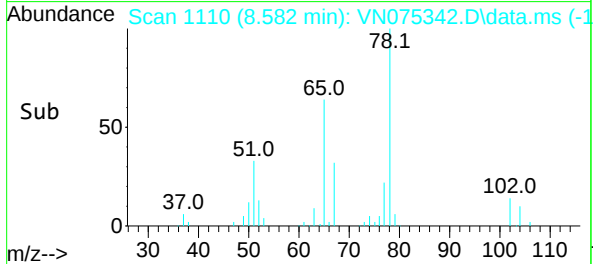
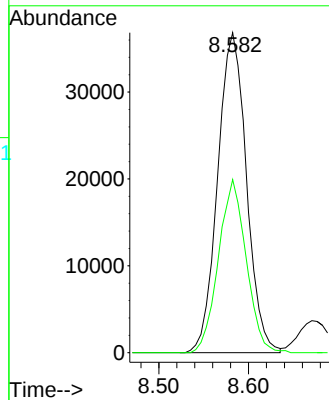
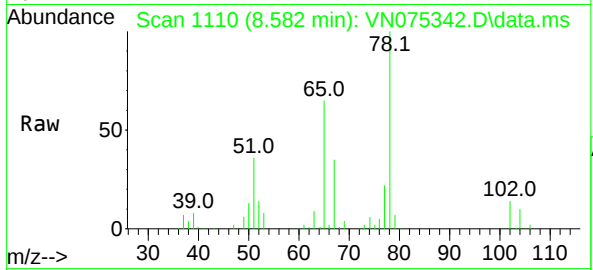
67 52.1 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075342.D

Acq: 21 Nov 2022 13:28

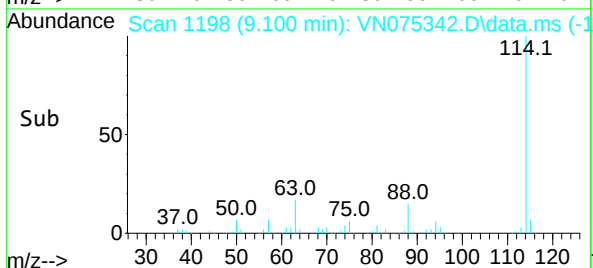
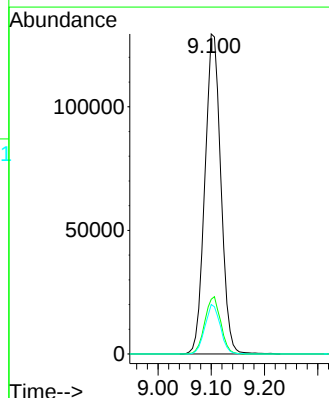
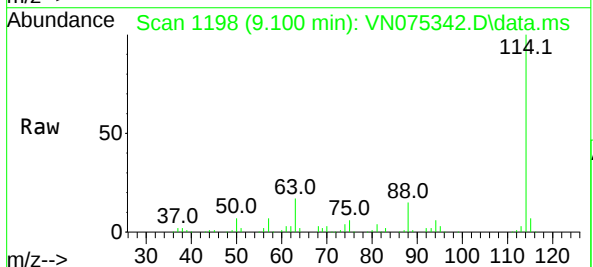
Tgt Ion:114 Resp: 270003

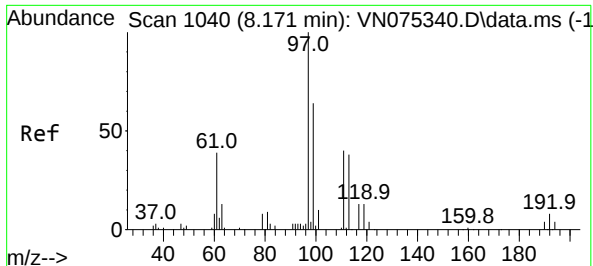
Ion Ratio Lower Upper

114 100

63 17.1 0.0 39.6

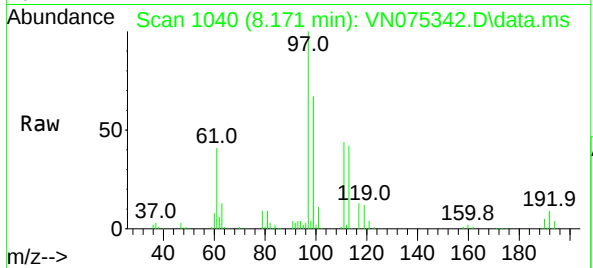
88 15.4 0.0 29.0





#35
Dibromofluoromethane
Concen: 68.194 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

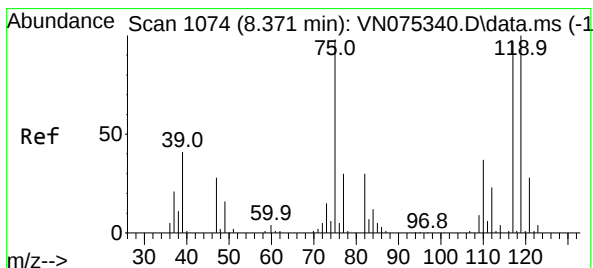
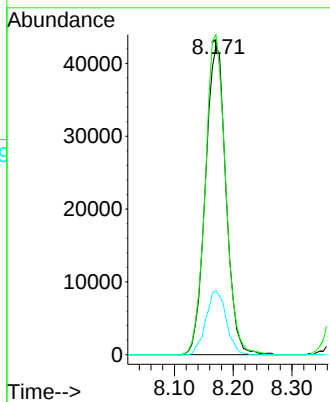
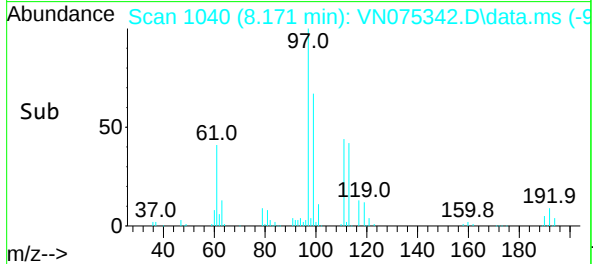
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



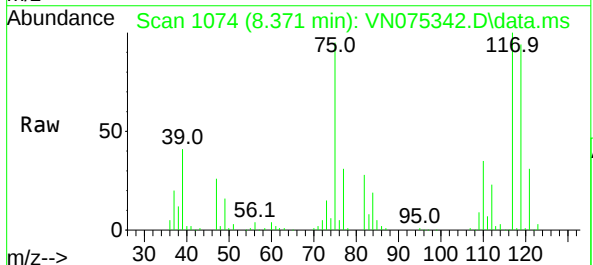
Tgt Ion: 113 Resp: 103180
Ion Ratio Lower Upper
113 100
111 102.6 80.5 120.7
192 20.4 13.2 19.8

Manual Integrations
APPROVED

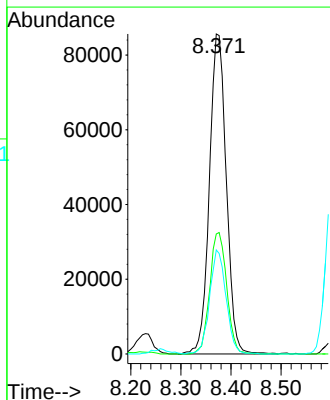
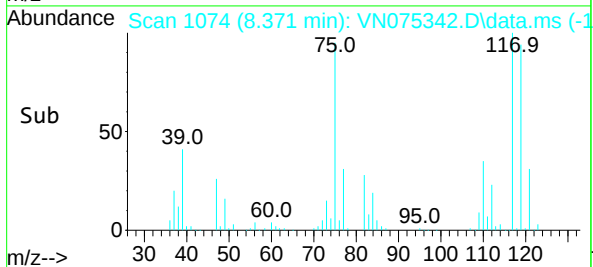
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

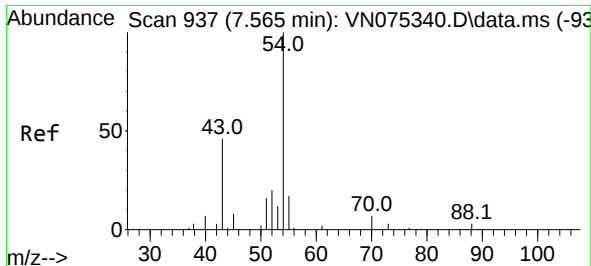


#36
1,1-Dichloropropene
Concen: 82.215 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



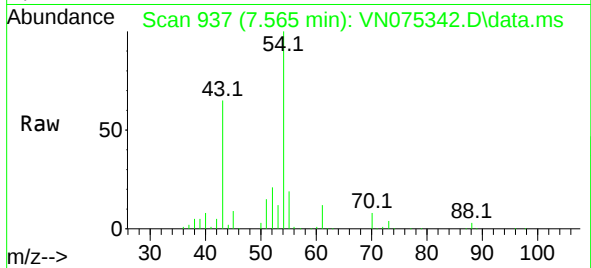
Tgt Ion: 75 Resp: 200404
Ion Ratio Lower Upper
75 100
110 38.2 17.8 53.3
77 31.7 24.6 37.0





#37
Ethyl Acetate
Concen: 67.439 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

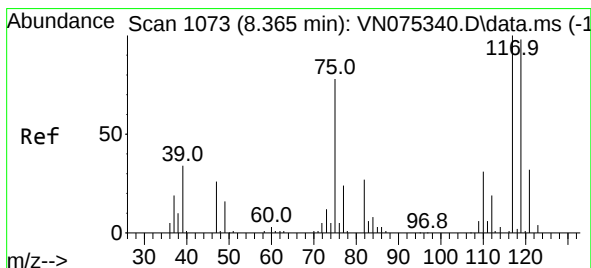
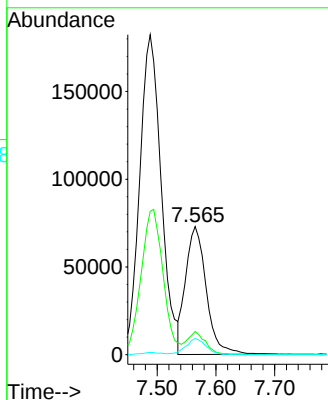
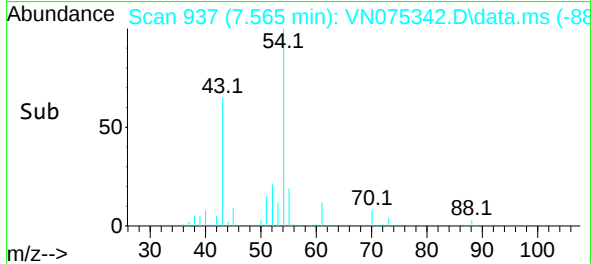
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



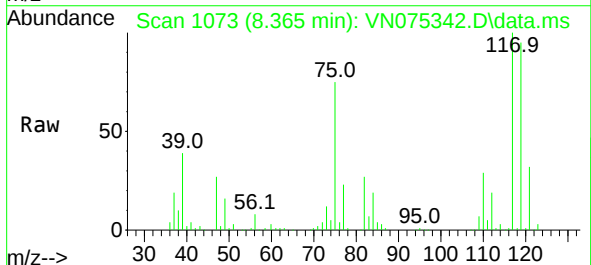
Tgt Ion: 43 Resp: 17779
Ion Ratio Lower Upper
43 100
61 16.1 12.2 18.4
70 12.4 9.4 14.2

Manual Integrations
APPROVED

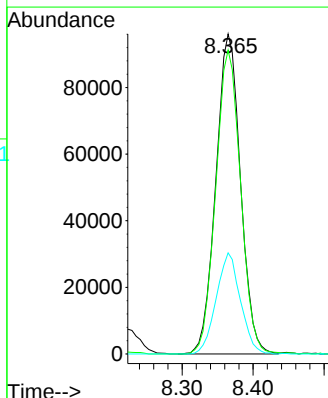
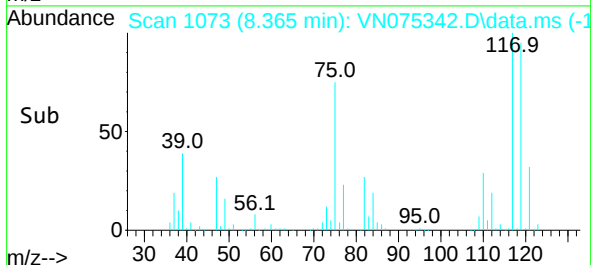
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

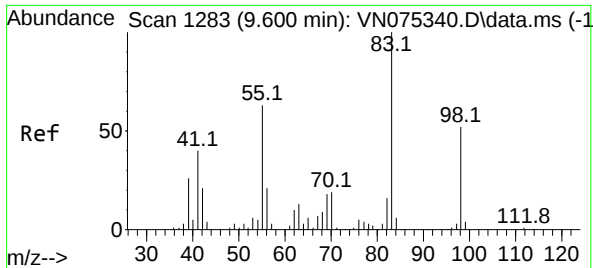


#38
Carbon Tetrachloride
Concen: 85.984 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



Tgt Ion:117 Resp: 230908
Ion Ratio Lower Upper
117 100
119 95.0 76.7 115.1
121 31.6 23.9 35.9





#39

Methylcyclohexane

Concen: 81.669 ug/l

RT: 9.600 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075342.D

Acq: 21 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 26116

Ion Ratio Lower Upper

83 100

55 63.4 53.6 80.4

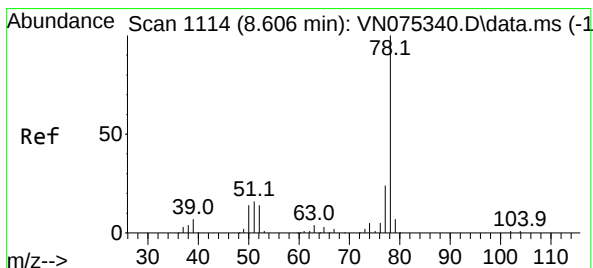
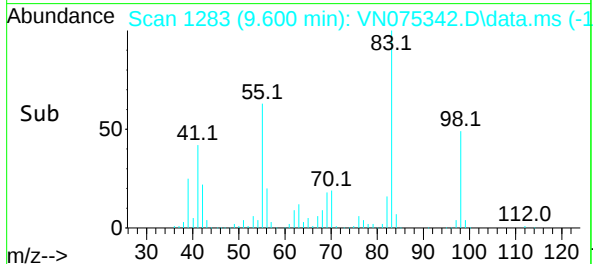
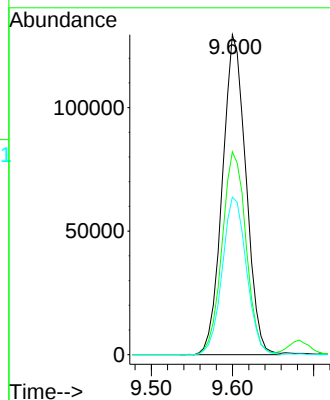
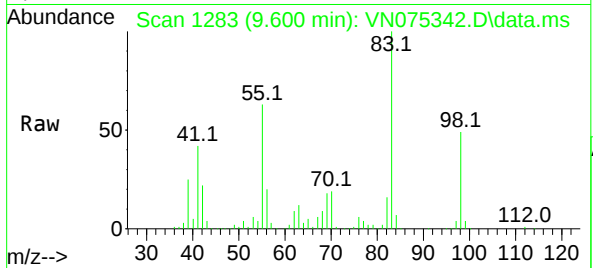
98 49.2 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#40

Benzene

Concen: 81.310 ug/l

RT: 8.606 min Scan# 1114

Delta R.T. -0.000 min

Lab File: VN075342.D

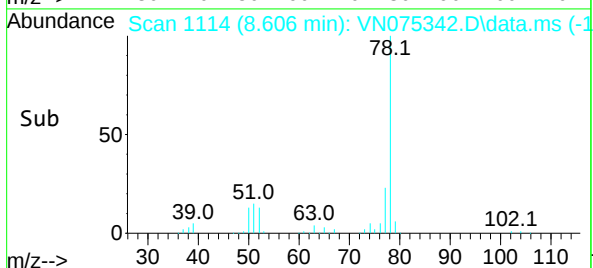
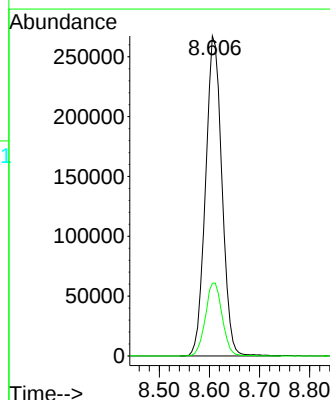
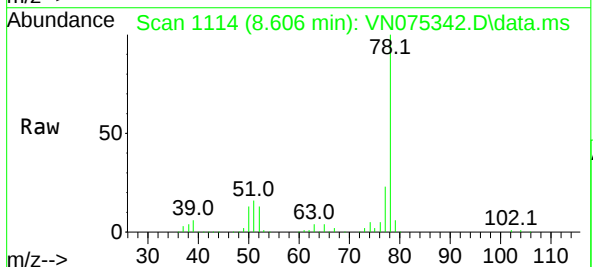
Acq: 21 Nov 2022 13:28

Tgt Ion: 78 Resp: 606659

Ion Ratio Lower Upper

78 100

77 22.7 19.4 29.0





#41
Methacrylonitrile
Concen: 73.377 ug/l
RT: 7.782 min Scan# 912
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

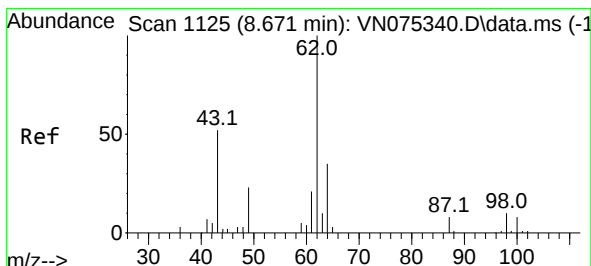
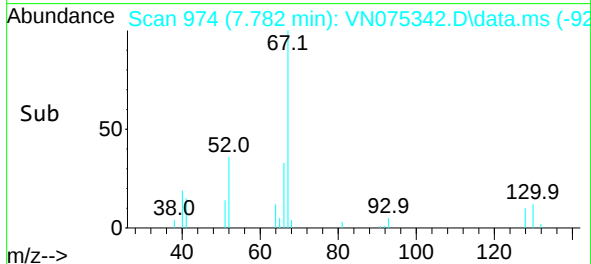
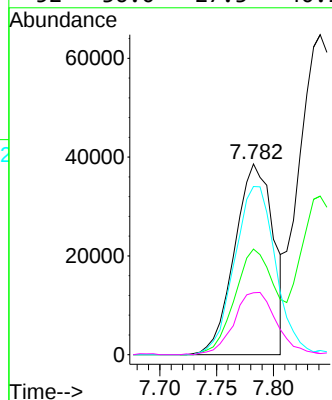
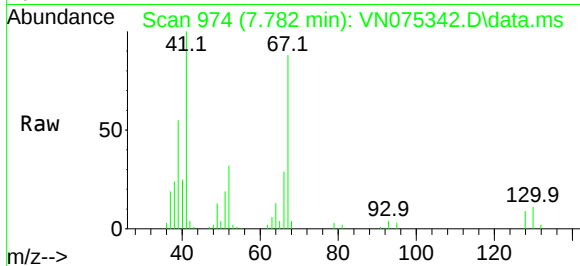
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 9182

Ion	Ratio	Lower	Upper
41	100		
39	59.2	44.4	66.6
67	94.3	69.8	104.6
52	36.0	27.3	40.9

Manual Integrations
APPROVED

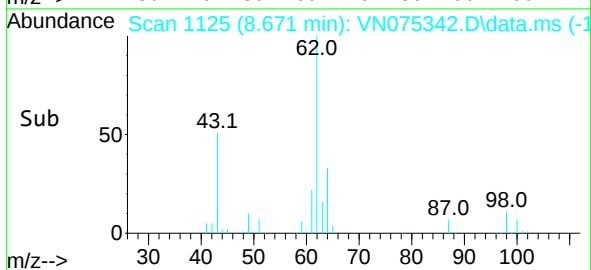
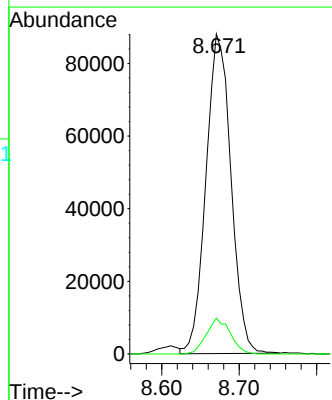
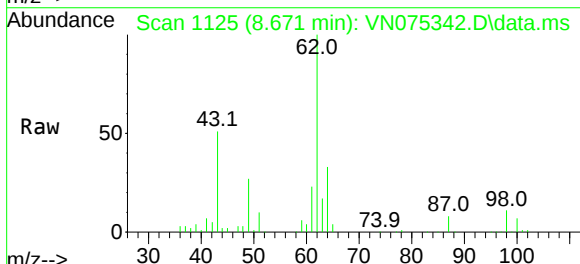
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

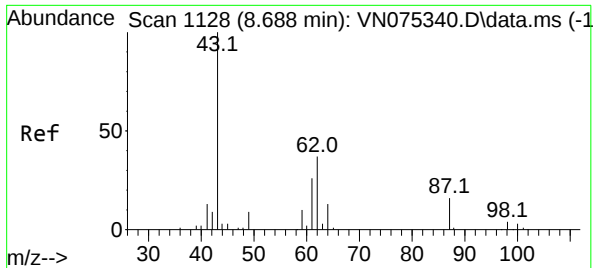


#42
1,2-Dichloroethane
Concen: 73.726 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Tgt Ion: 62 Resp: 197398

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	18.2





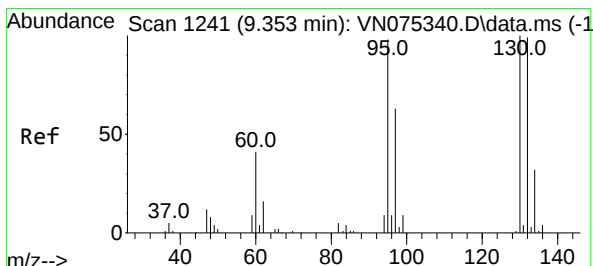
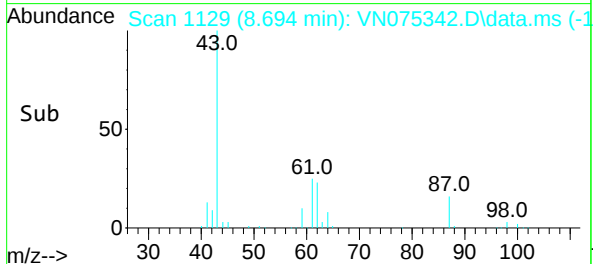
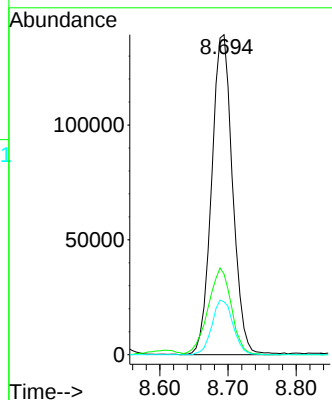
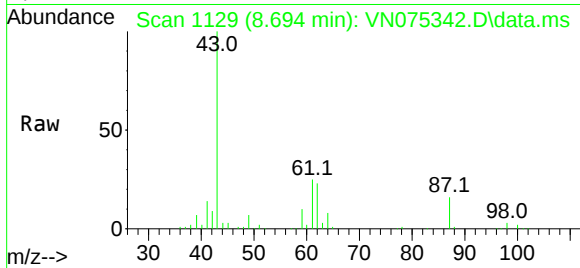
#43
Isopropyl Acetate
Concen: 73.462 ug/l
RT: 8.694 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 298179
Ion Ratio Lower Upper
43 100
61 30.0 22.4 33.6
87 17.1 12.5 18.7

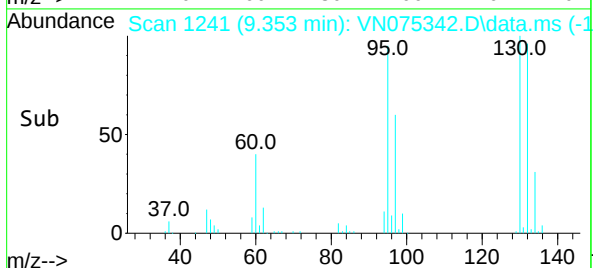
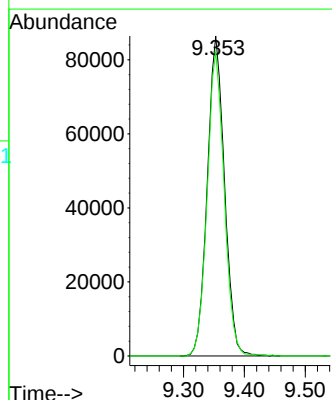
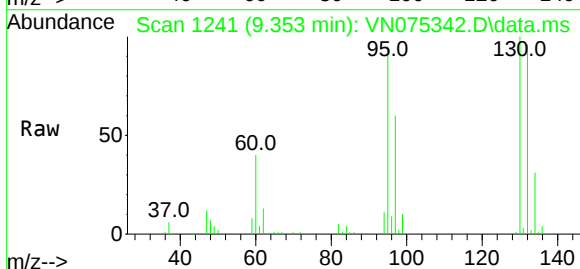
Manual Integrations
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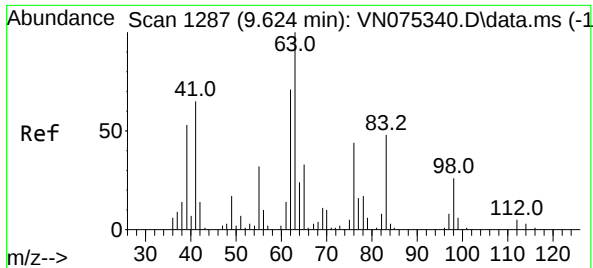
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#44
Trichloroethene
Concen: 89.125 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Tgt Ion:130 Resp: 169665
Ion Ratio Lower Upper
130 100
95 95.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 80.033 ug/l

RT: 9.623 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075342.D

Acq: 21 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 141619

Ion Ratio Lower Upper

63 100

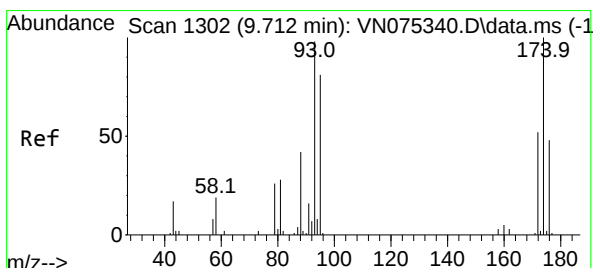
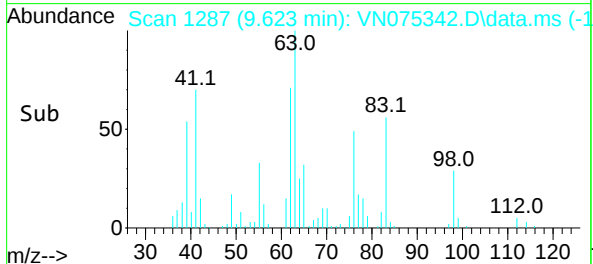
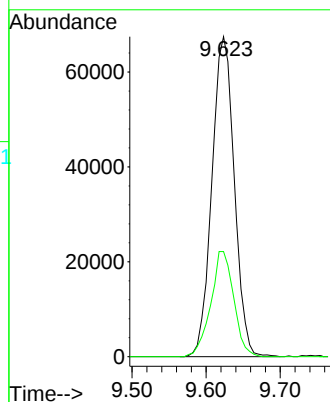
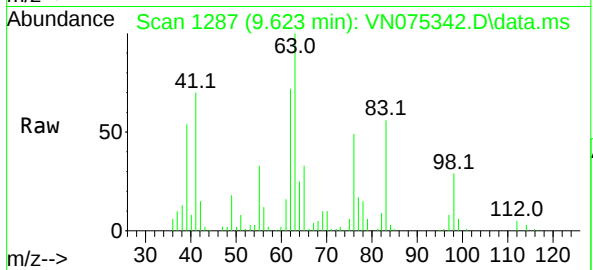
65 32.9 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#46

Dibromomethane

Concen: 79.633 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075342.D

Acq: 21 Nov 2022 13:28

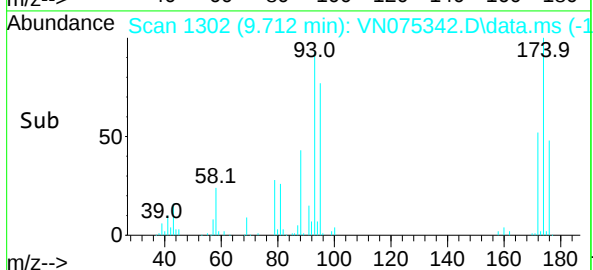
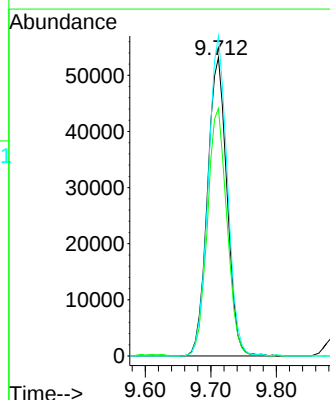
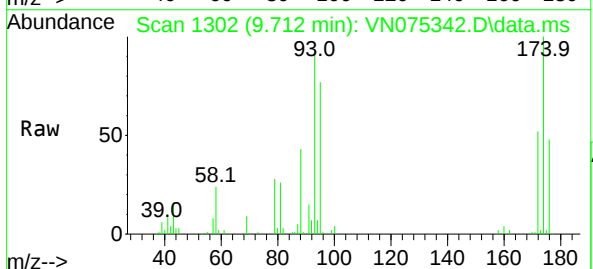
Tgt Ion: 93 Resp: 110006

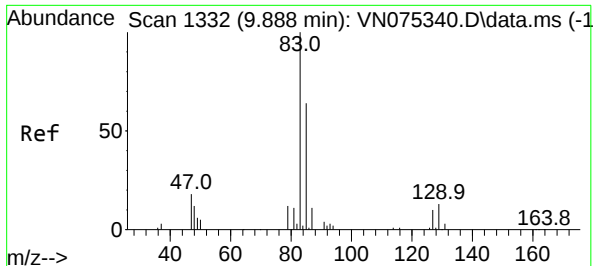
Ion Ratio Lower Upper

93 100

95 82.8 66.6 99.8

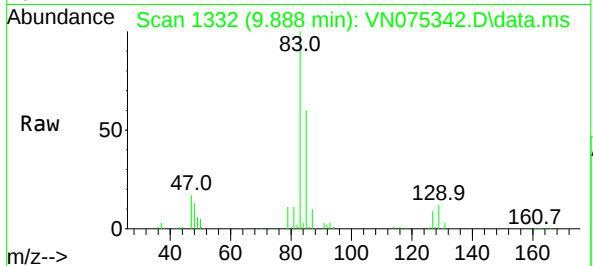
174 105.2 70.3 105.5





#47
Bromodichloromethane
Concen: 81.020 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

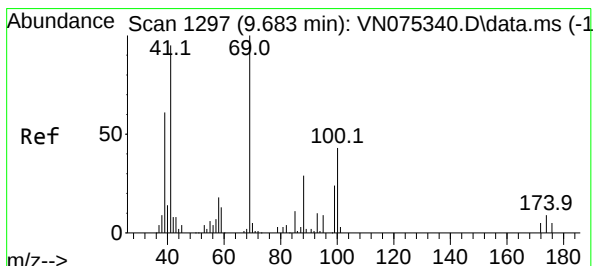
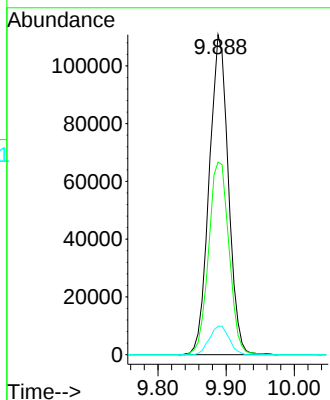
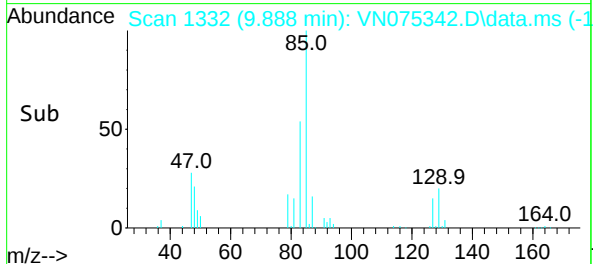
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



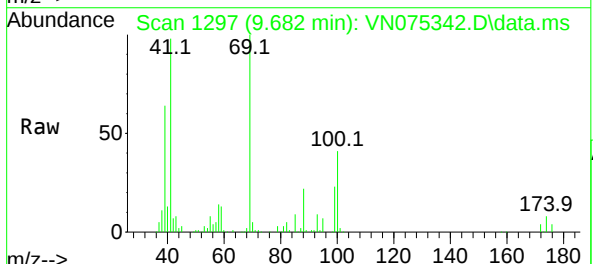
Tgt Ion: 83 Resp: 21670
Ion Ratio Lower Upper
83 100
85 60.2 52.1 78.1
127 8.9 6.6 10.0

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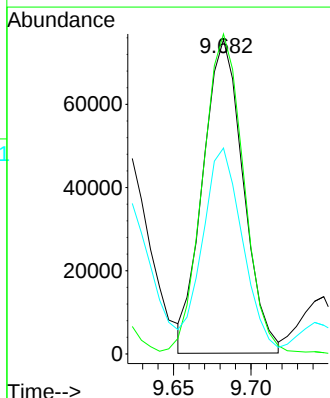
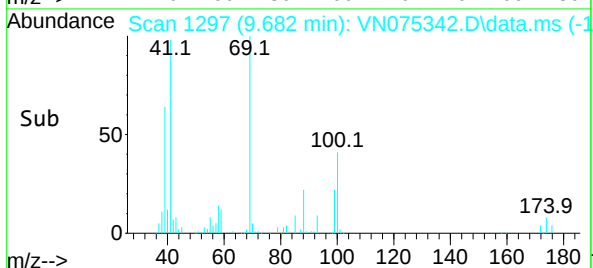
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

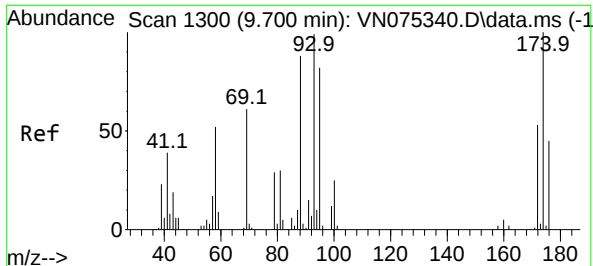


#48
Methyl methacrylate
Concen: 72.948 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



Tgt Ion: 41 Resp: 136719
Ion Ratio Lower Upper
41 100
69 103.8 80.2 120.2
39 65.5 56.2 84.2





#49

1,4-Dioxane

Concen: 1570.856 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN075342.D

Acq: 21 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 7854

Ion Ratio Lower Upper

88 100

43 0.0 17.5 26.3

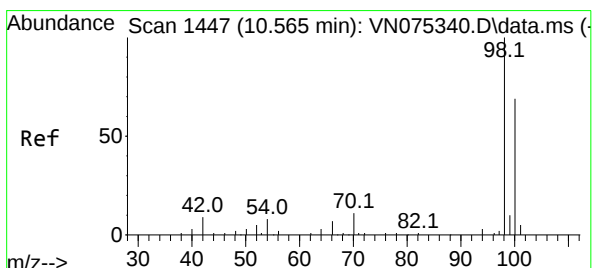
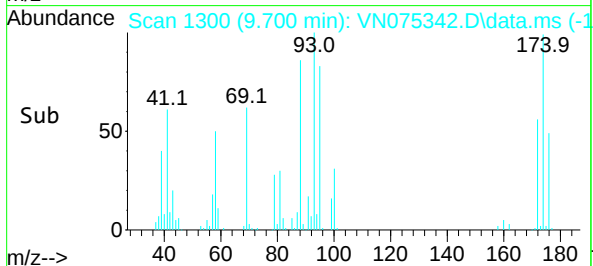
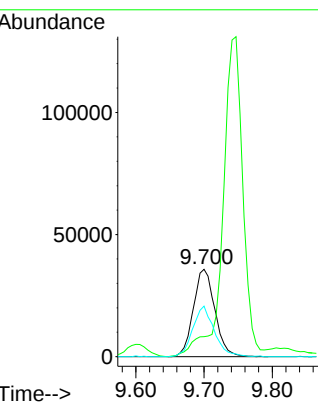
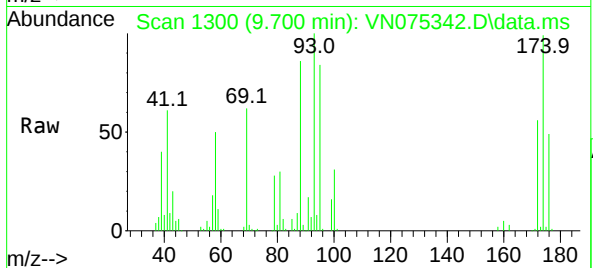
58 58.1 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#50

Toluene-d8

Concen: 43.046 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075342.D

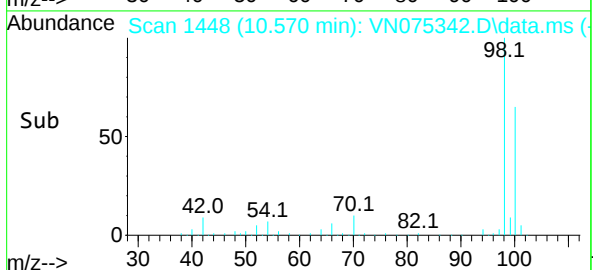
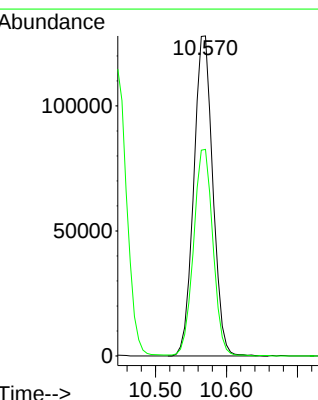
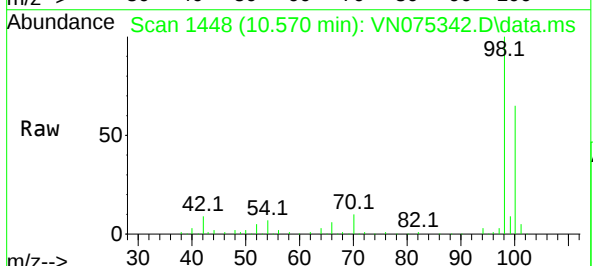
Acq: 21 Nov 2022 13:28

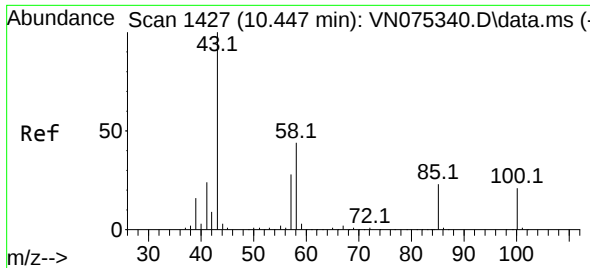
Tgt Ion: 98 Resp: 239336

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.6





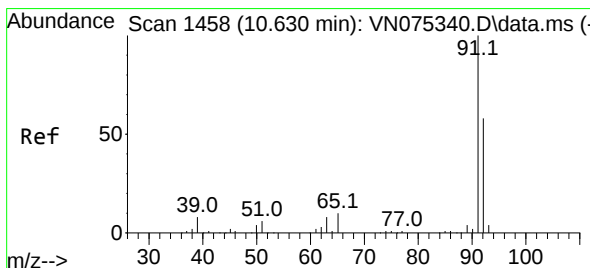
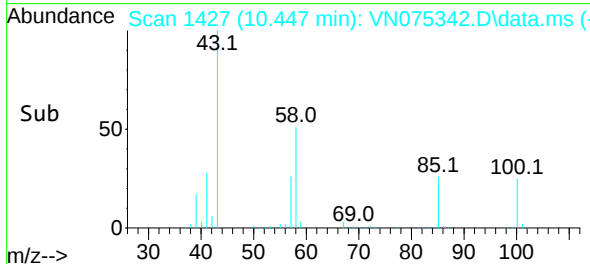
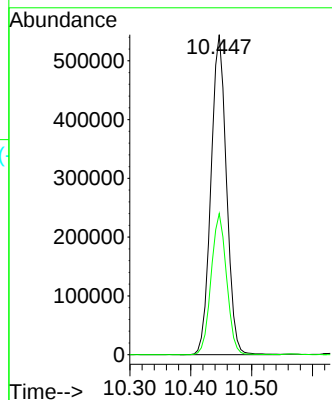
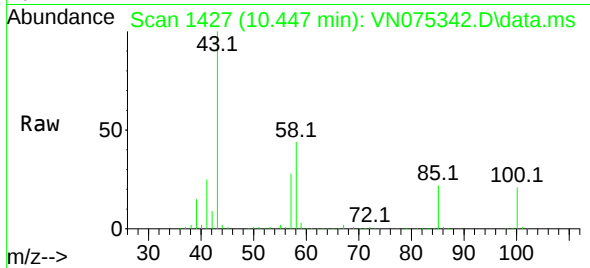
#51
4-Methyl-2-Pentanone
Concen: 367.910 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 962668
Ion Ratio Lower Upper
43 100
58 43.9 33.6 50.4

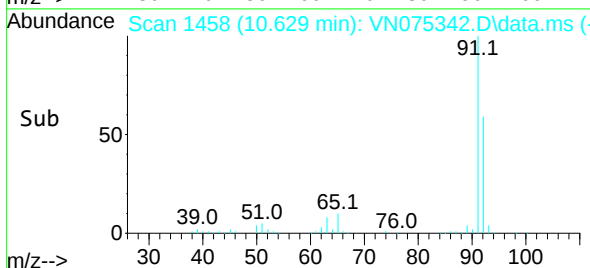
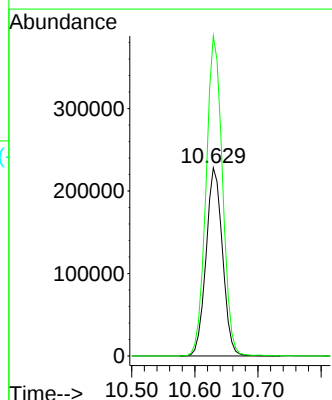
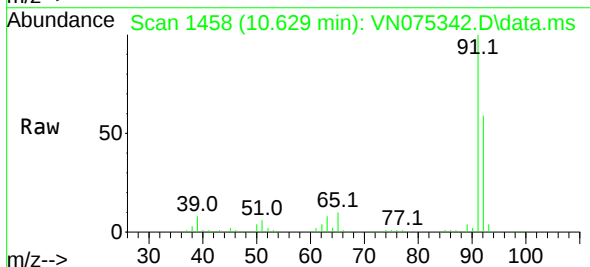
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Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#52
Toluene
Concen: 83.336 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Tgt Ion: 92 Resp: 412111
Ion Ratio Lower Upper
92 100
91 170.1 135.4 203.2





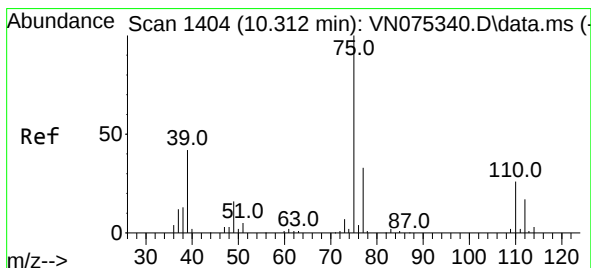
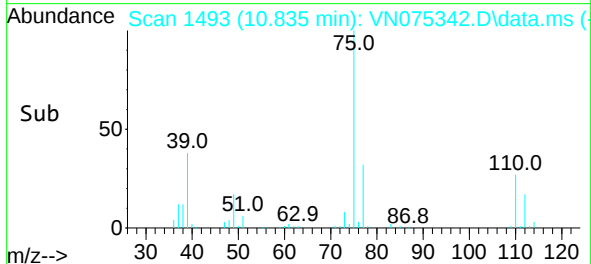
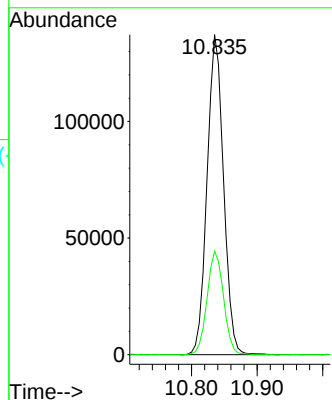
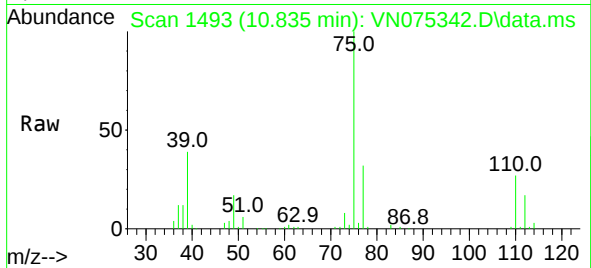
#53
 t-1,3-Dichloropropene
 Concen: 85.464 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VN075342.D
 Acq: 21 Nov 2022 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 239628
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2

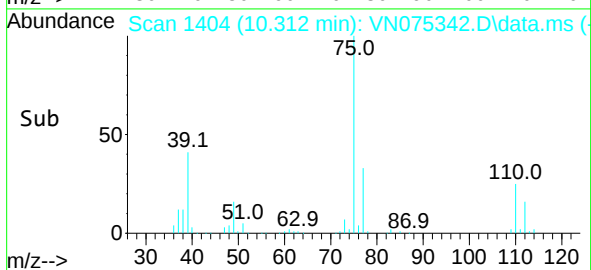
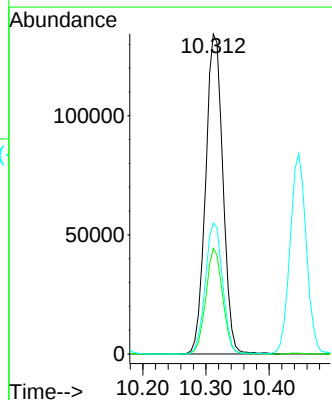
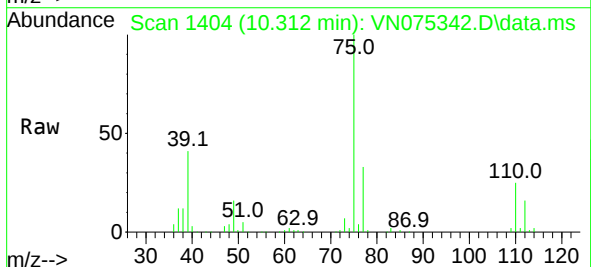
Manual Integrations
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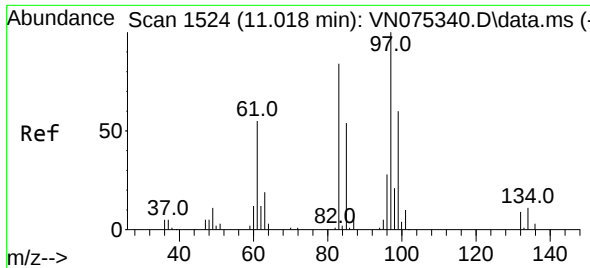
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#54
 cis-1,3-Dichloropropene
 Concen: 85.398 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075342.D
 Acq: 21 Nov 2022 13:28

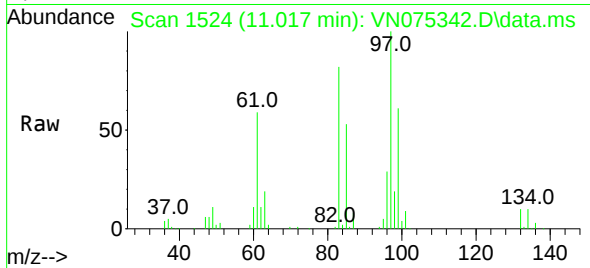
Tgt Ion: 75 Resp: 254904
 Ion Ratio Lower Upper
 75 100
 77 33.0 23.7 35.5
 39 40.9 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 81.004 ug/l
RT: 11.017 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

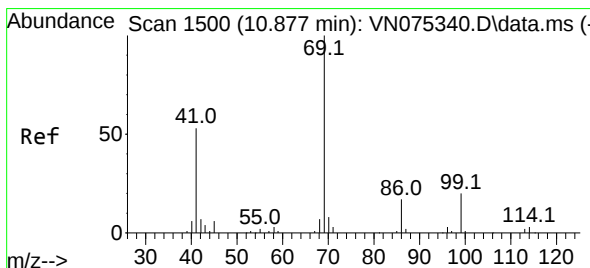
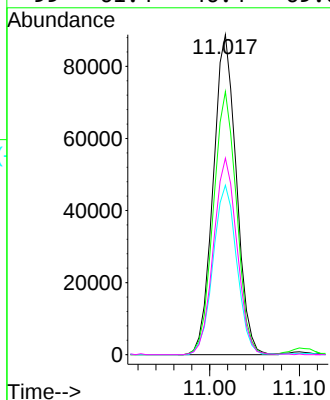
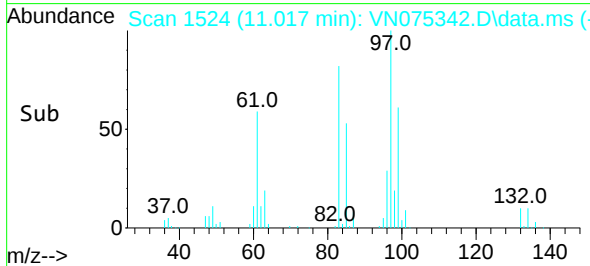


Tgt Ion: 97 Resp: 158958

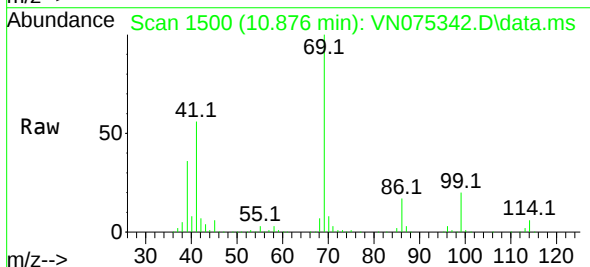
Ion	Ratio	Lower	Upper
97	100		
83	82.2	65.9	98.9
85	53.0	40.4	60.6
99	61.4	46.4	69.6

Manual Integrations
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Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

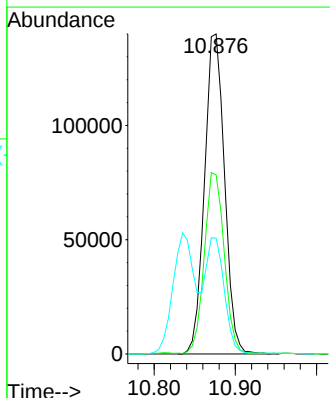
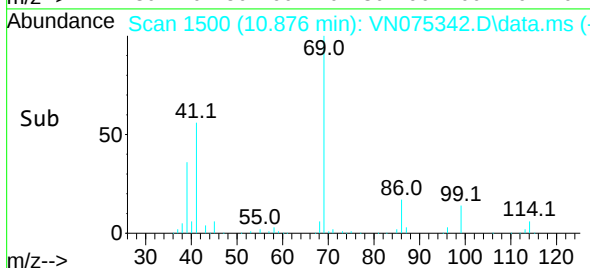


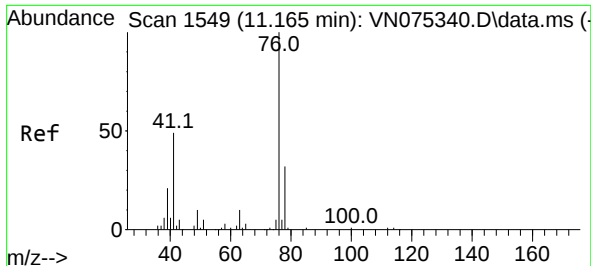
#56
Ethyl methacrylate
Concen: 80.645 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



Tgt Ion: 69 Resp: 239727

Ion	Ratio	Lower	Upper
69	100		
41	56.0	45.6	68.4
39	32.1	28.5	42.7





#57

1,3-Dichloropropane

Concen: 79.297 ug/l

RT: 11.164 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075342.D

Acq: 21 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 259340

Ion Ratio Lower Upper

76 100

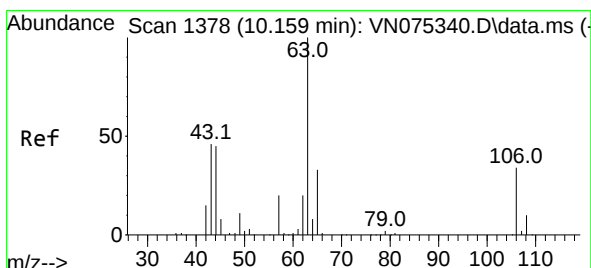
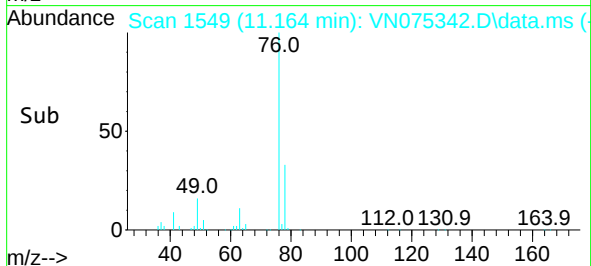
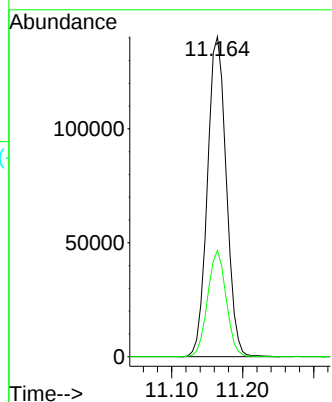
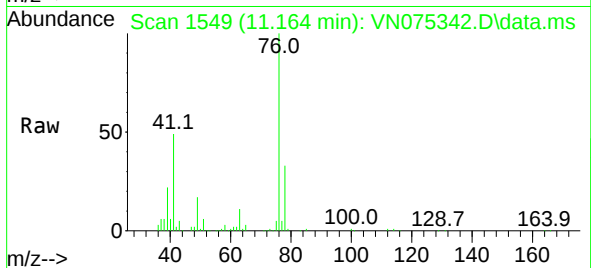
78 32.5 25.8 38.6

Manual Integrations

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Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 472.789 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075342.D

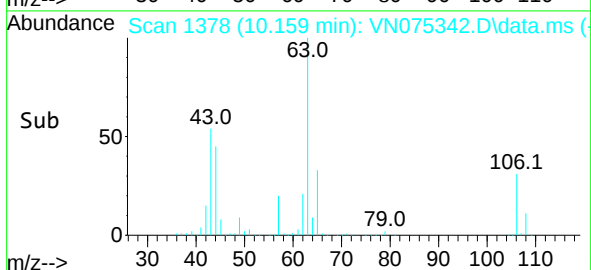
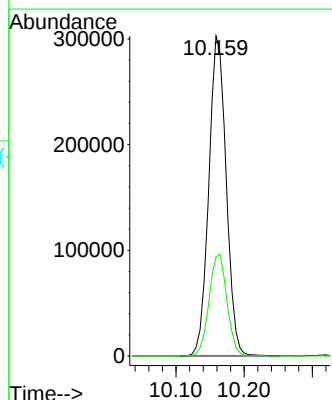
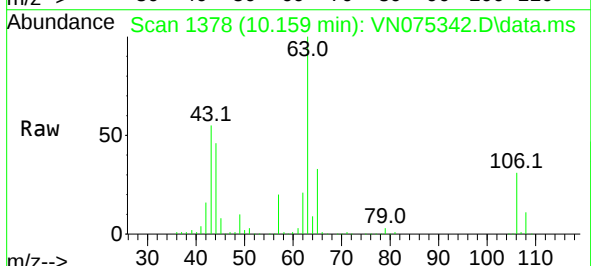
Acq: 21 Nov 2022 13:28

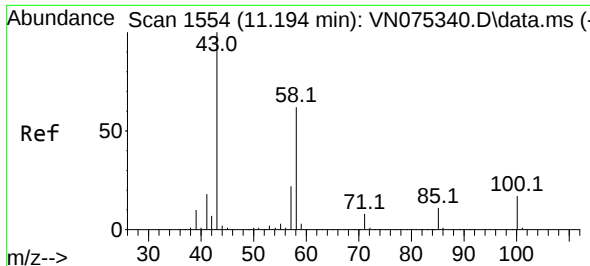
Tgt Ion: 63 Resp: 536998

Ion Ratio Lower Upper

63 100

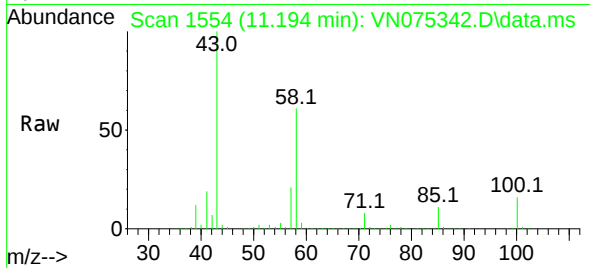
106 32.7 24.8 37.2





#59
2-Hexanone
Concen: 369.768 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

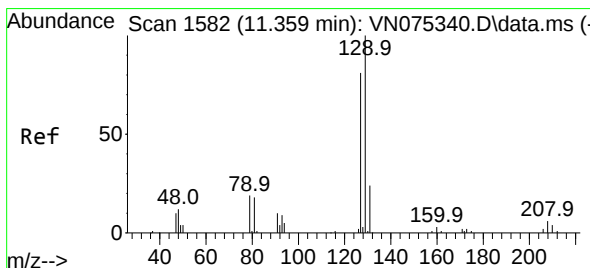
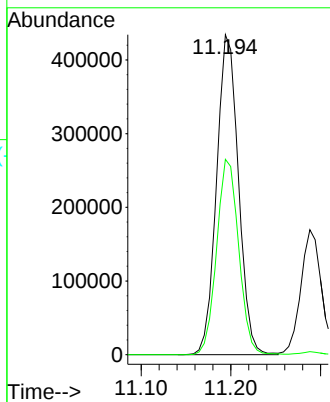
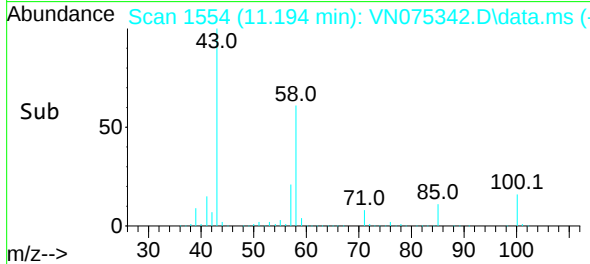
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 734885
Ion Ratio Lower Upper
43 100
58 61.6 29.6 88.8

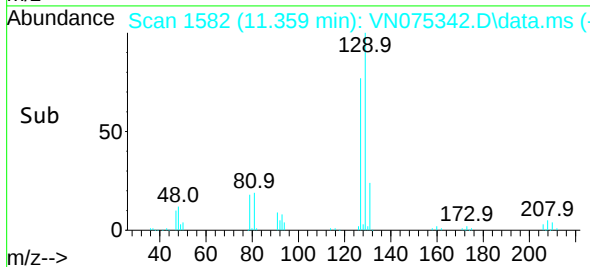
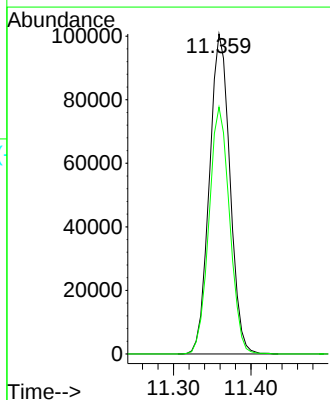
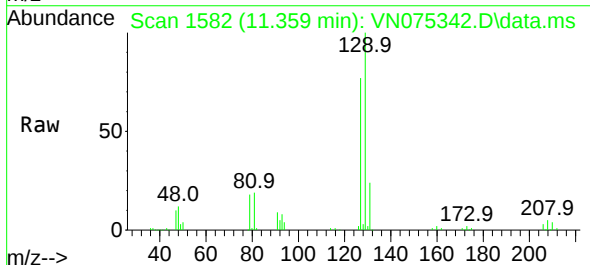
Manual Integrations
APPROVED

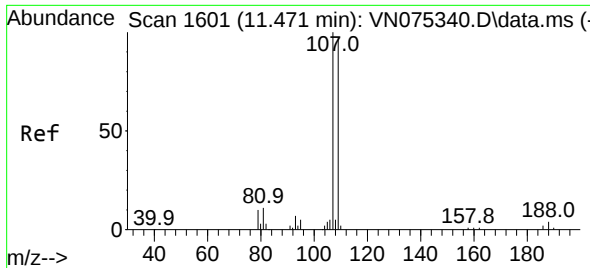
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#60
Dibromochloromethane
Concen: 88.590 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Tgt Ion:129 Resp: 185400
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





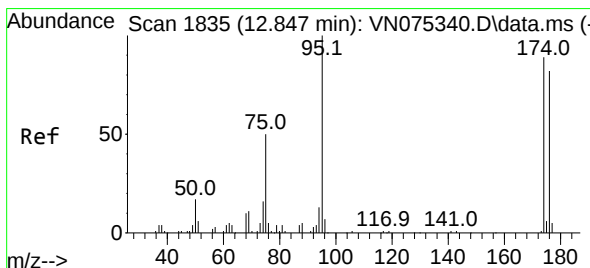
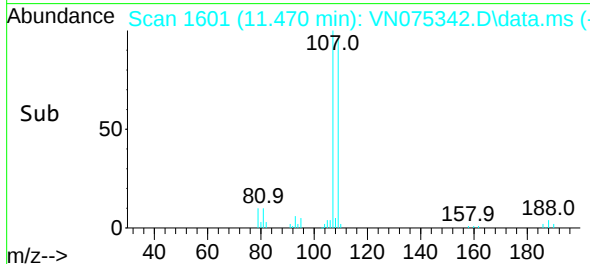
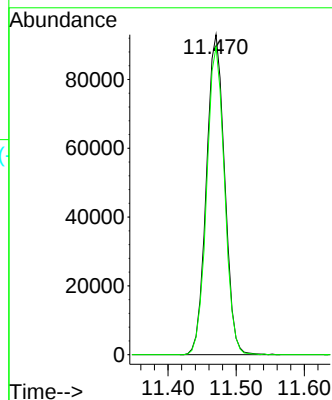
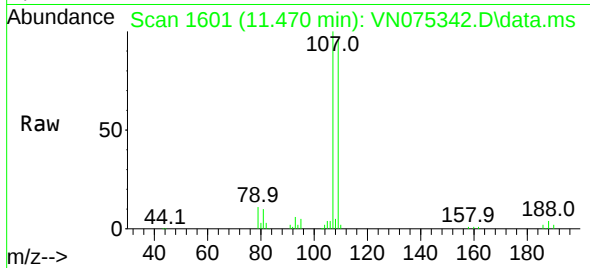
#61
1,2-Dibromoethane
Concen: 85.689 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:107 Resp: 173045
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

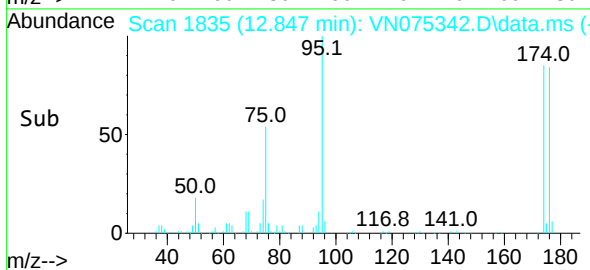
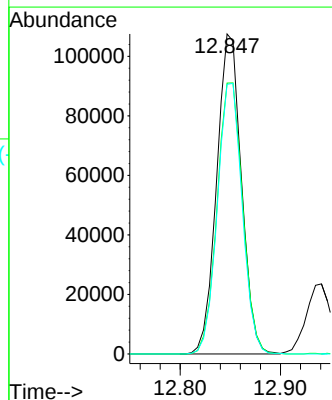
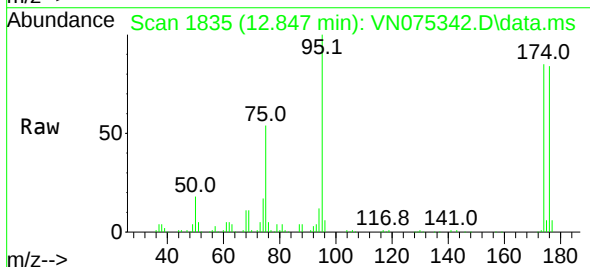
Manual Integrations
APPROVED

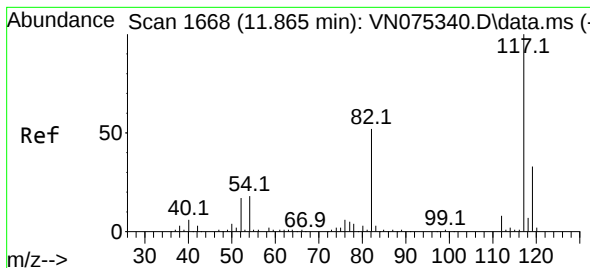
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#62
4-Bromofluorobenzene
Concen: 87.539 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

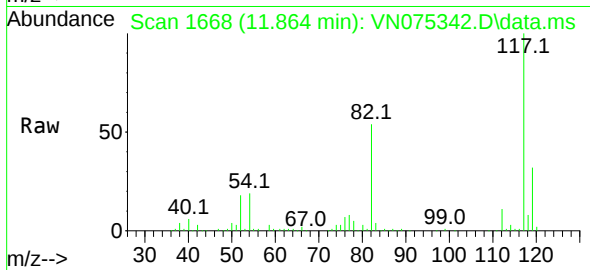
Tgt Ion: 95 Resp: 184136
Ion Ratio Lower Upper
95 100
174 87.4 0.0 147.4
176 84.8 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

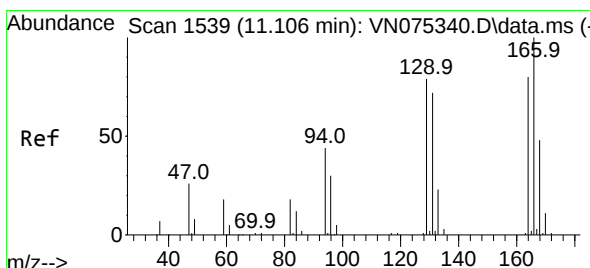
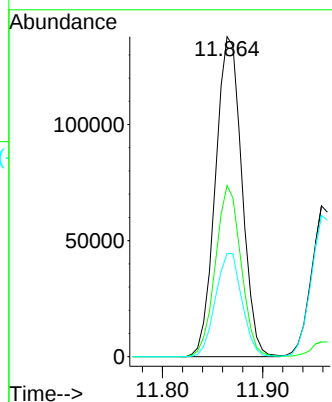
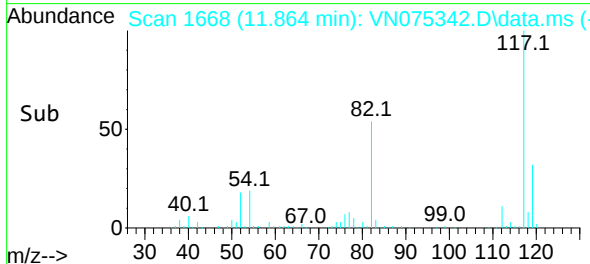
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



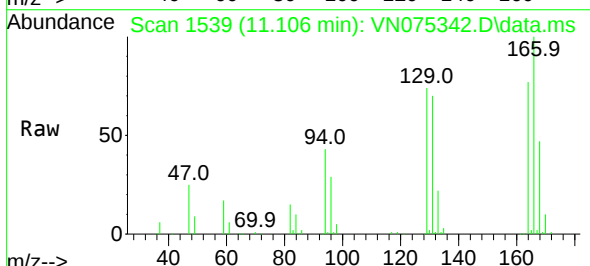
Tgt Ion:117 Resp: 25197
Ion Ratio Lower Upper
117 100
82 53.5 43.1 64.7
119 32.2 25.5 38.3

Manual Integrations
APPROVED

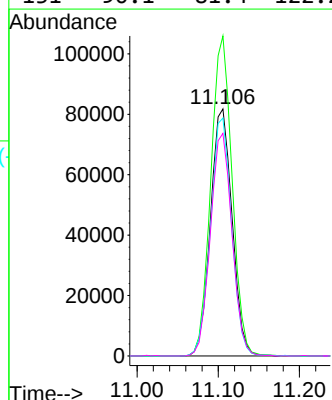
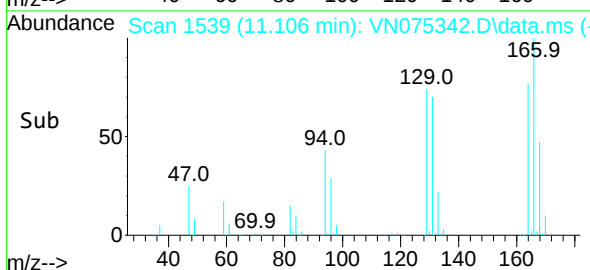
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

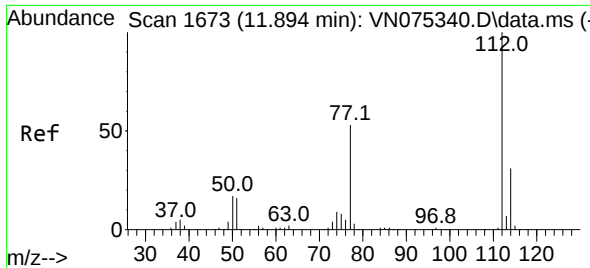


#64
Tetrachloroethene
Concen: 94.363 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



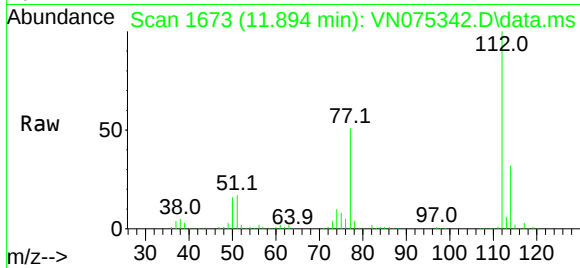
Tgt Ion:164 Resp: 151391
Ion Ratio Lower Upper
164 100
166 129.6 106.5 159.7
129 96.3 81.9 122.9
131 90.1 81.4 122.2





#65
Chlorobenzene
Concen: 82.227 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

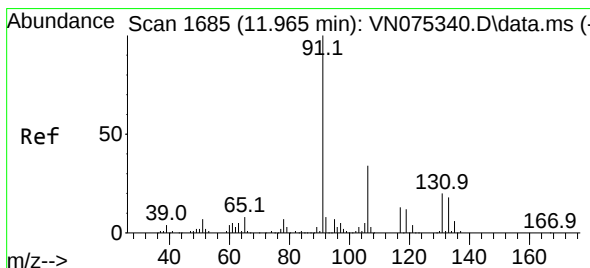
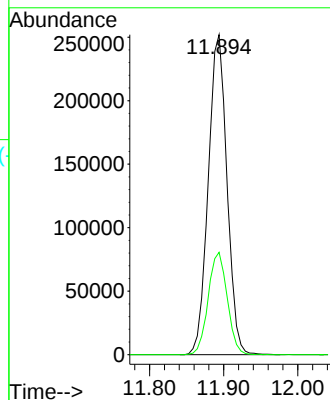
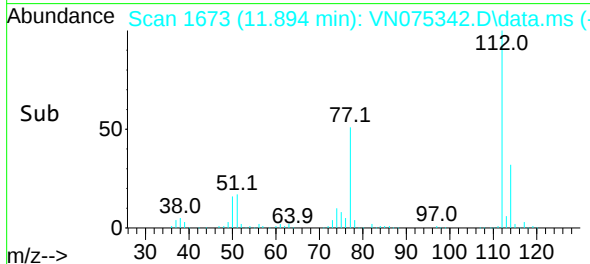
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



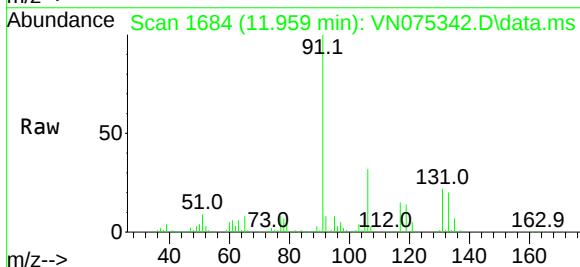
Tgt Ion:112 Resp: 441948
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

Manual Integrations
APPROVED

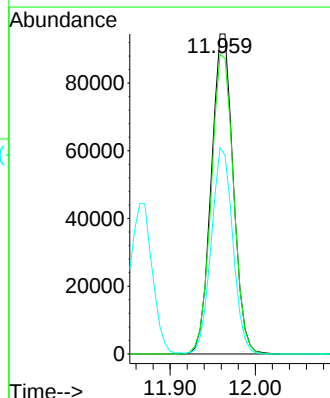
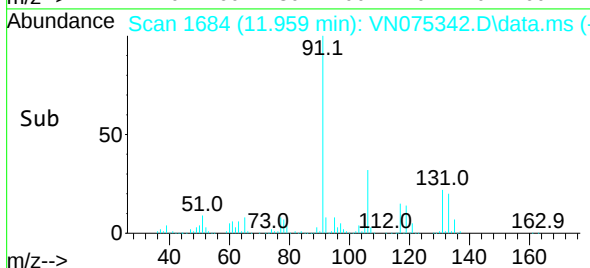
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 84.634 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



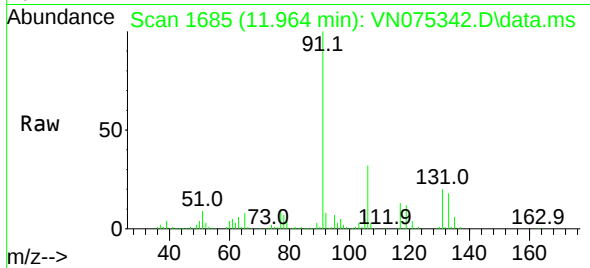
Tgt Ion:131 Resp: 169010
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.4
119 63.2 33.0 99.0





#67
Ethyl Benzene
Concen: 83.269 ug/l
RT: 11.964 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

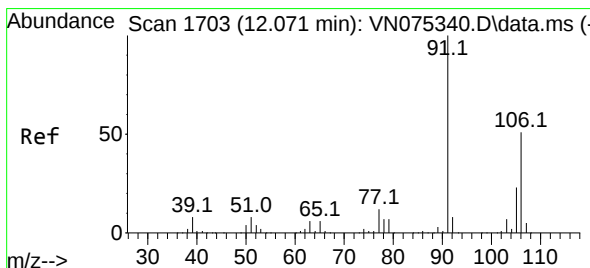
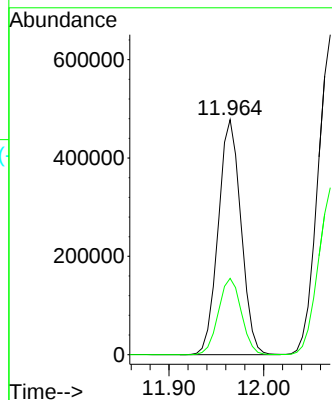
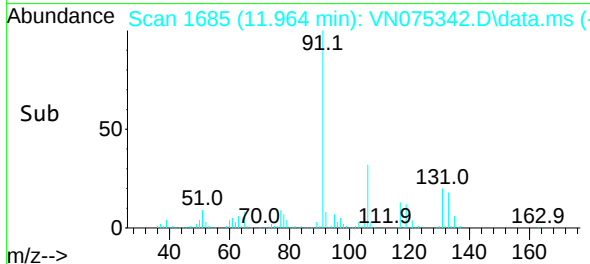
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



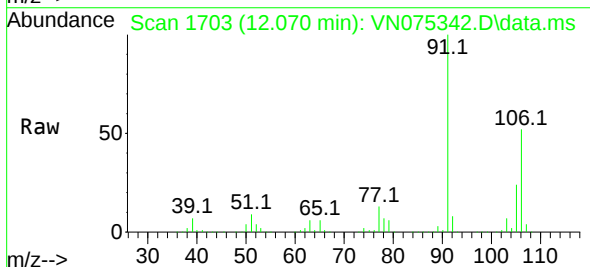
Tgt Ion: 91 Resp: 79932
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3

Manual Integrations
APPROVED

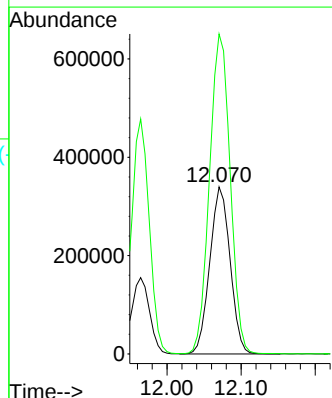
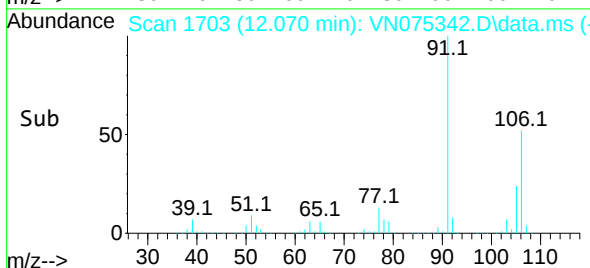
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

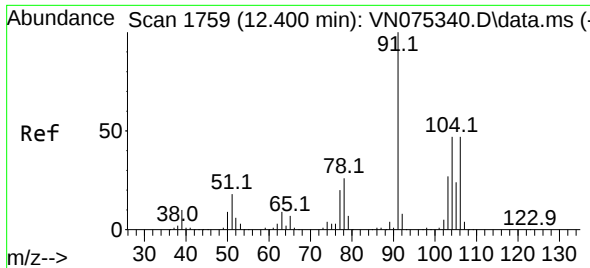


#68
m/p-Xylenes
Concen: 168.755 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



Tgt Ion:106 Resp: 646758
Ion Ratio Lower Upper
106 100
91 195.0 156.0 234.0





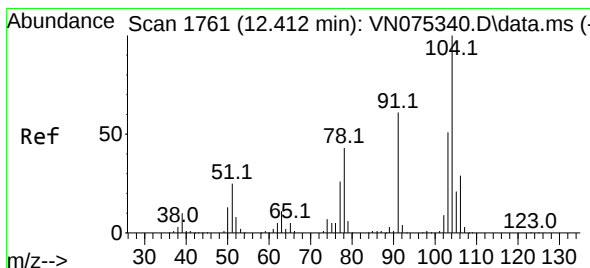
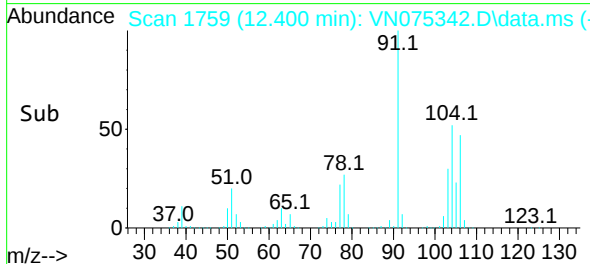
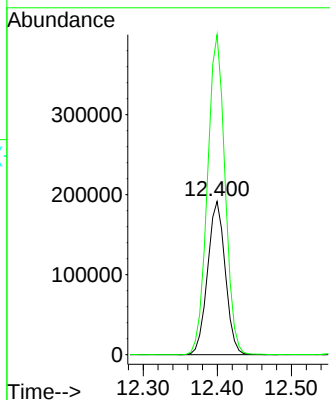
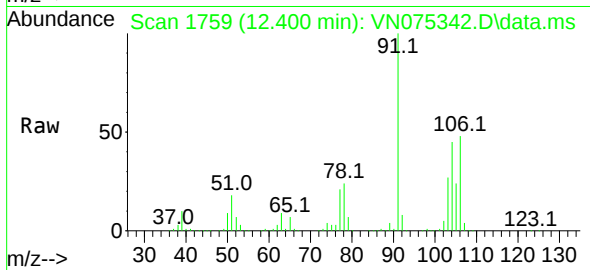
#69
o-Xylene
Concen: 83.456 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 31676
Ion Ratio Lower Upper
106 100
91 208.5 105.2 315.5

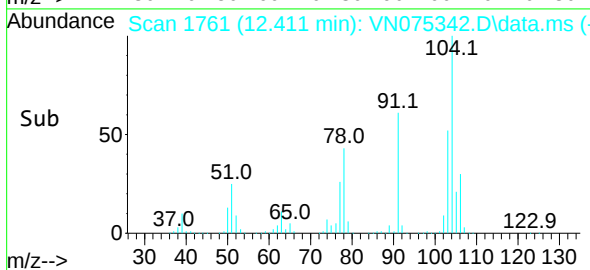
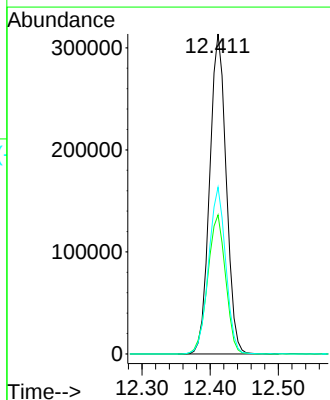
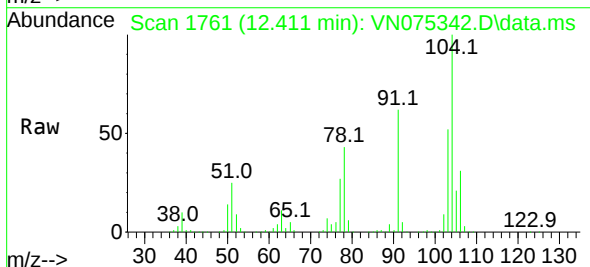
Manual Integrations
APPROVED

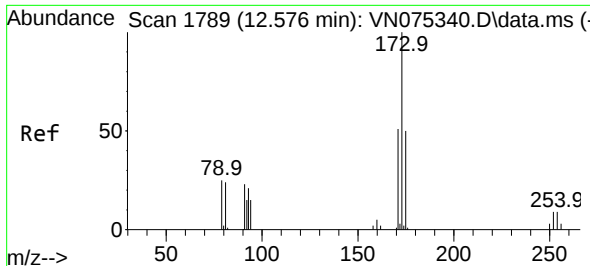
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#70
Styrene
Concen: 87.421 ug/l
RT: 12.411 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

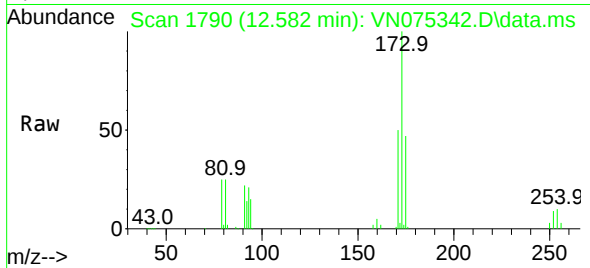
Tgt Ion:104 Resp: 530844
Ion Ratio Lower Upper
104 100
78 46.8 38.1 57.1
103 53.9 44.6 66.8





#71
Bromoform
Concen: 96.426 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

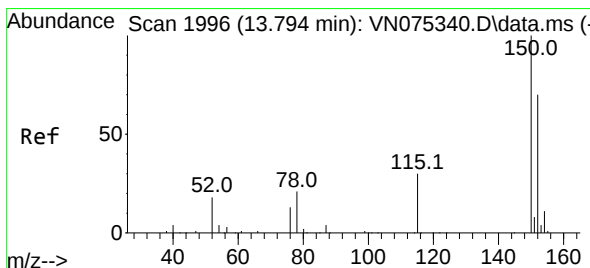
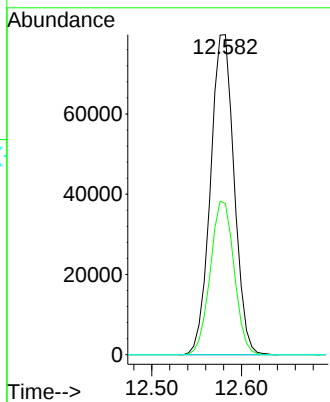
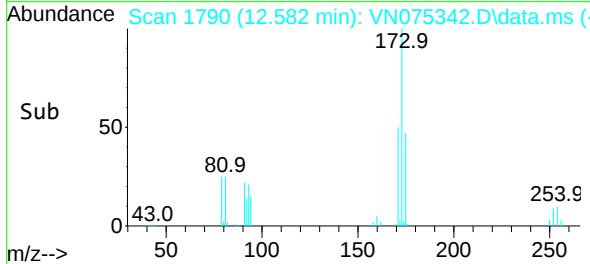
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



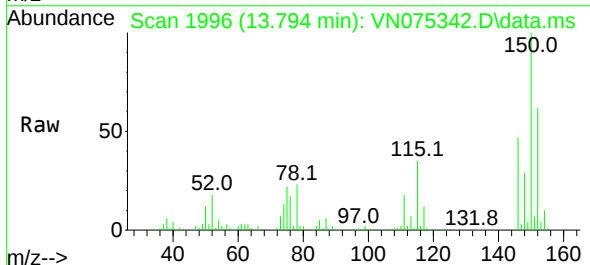
Tgt Ion:173 Resp: 14586
Ion Ratio Lower Upper
173 100
175 48.3 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

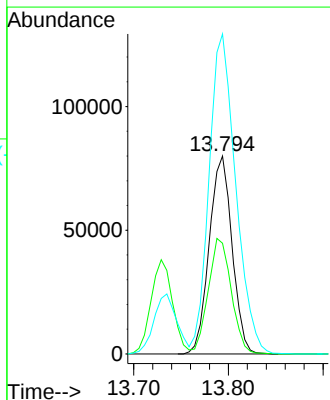
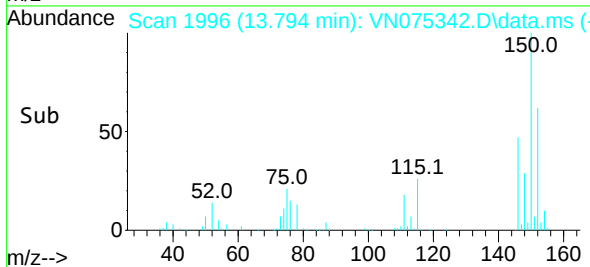
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

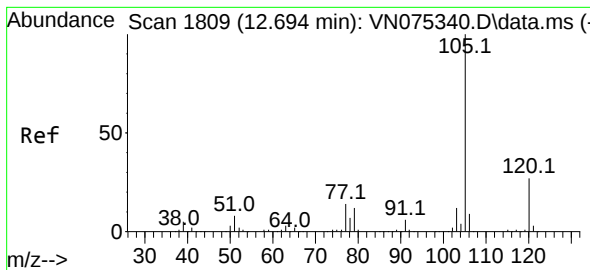


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



Tgt Ion:152 Resp: 134042
Ion Ratio Lower Upper
152 100
115 58.9 30.2 90.6
150 188.7 0.0 348.4





#73

Isopropylbenzene

Concen: 77.939 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VN075342.D

Acq: 21 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:105 Resp: 829094

Ion Ratio Lower Upper

105 100

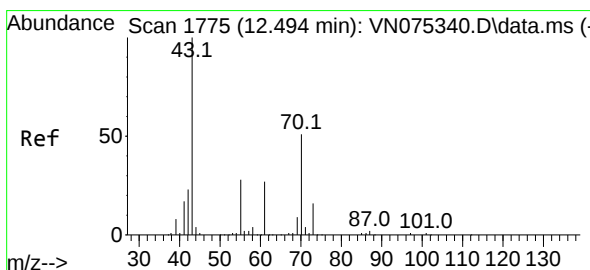
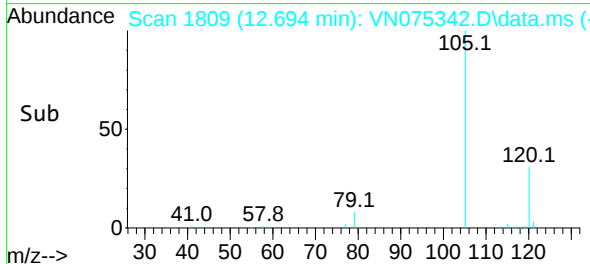
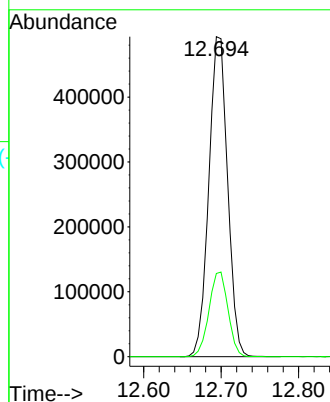
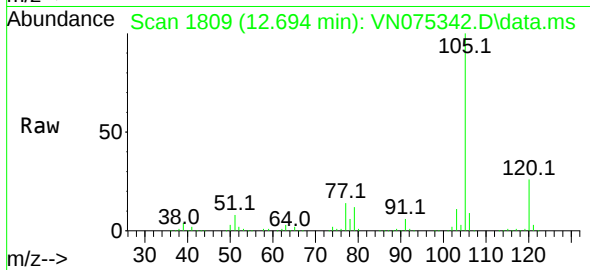
120 26.8 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#74

N-ethyl acetate

Concen: 73.394 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075342.D

Acq: 21 Nov 2022 13:28

Tgt Ion: 43 Resp: 284466

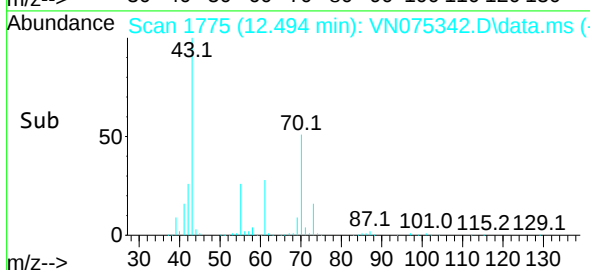
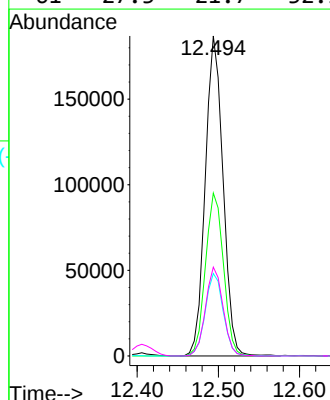
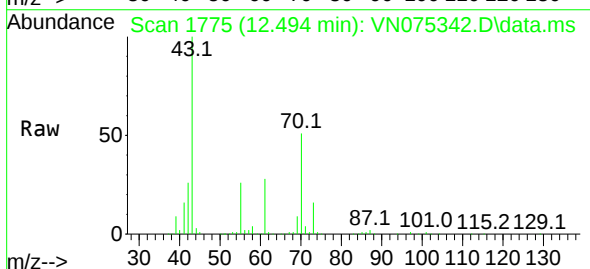
Ion Ratio Lower Upper

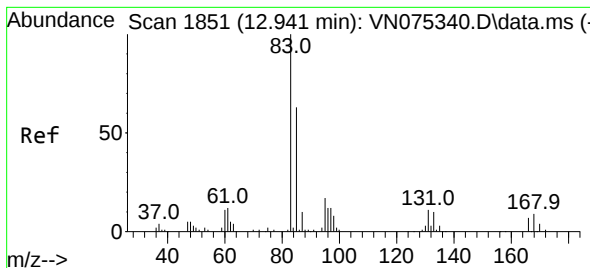
43 100

70 51.5 39.8 59.8

55 26.0 19.9 29.9

61 27.3 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 82.880 ug/l

RT: 12.935 min Scan# 1850

Delta R.T. -0.006 min

Lab File: VN075342.D

Acq: 21 Nov 2022 13:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 246109

Ion Ratio Lower Upper

83 100

131 11.1 5.1 15.3

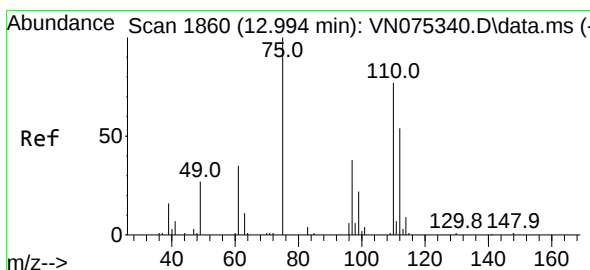
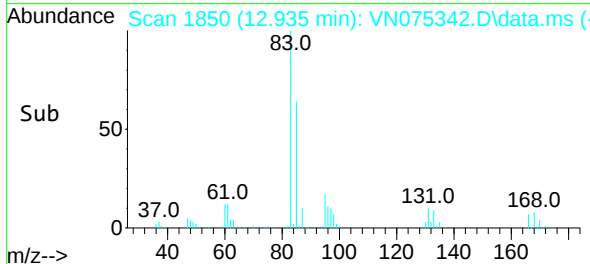
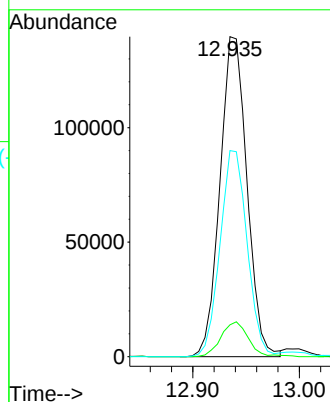
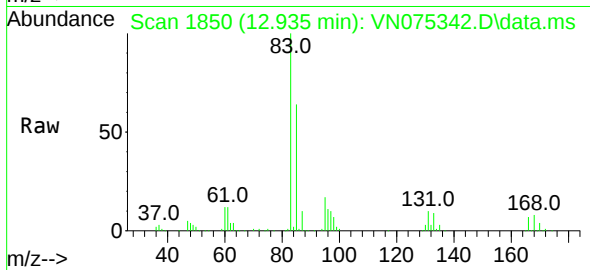
85 64.6 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#76

1,2,3-Trichloropropane

Concen: 74.670 ug/l m

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN075342.D

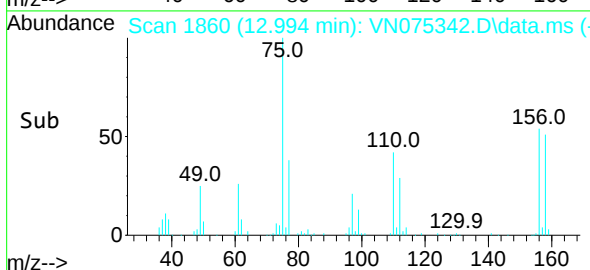
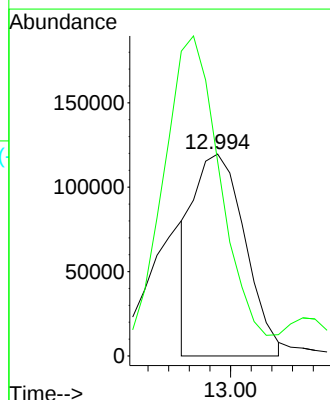
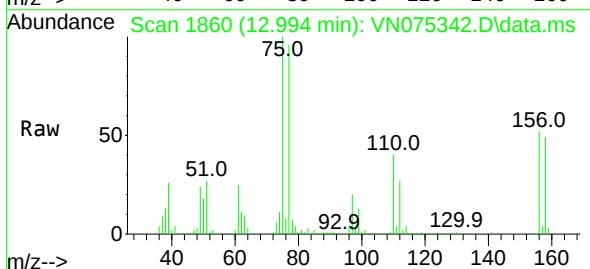
Acq: 21 Nov 2022 13:28

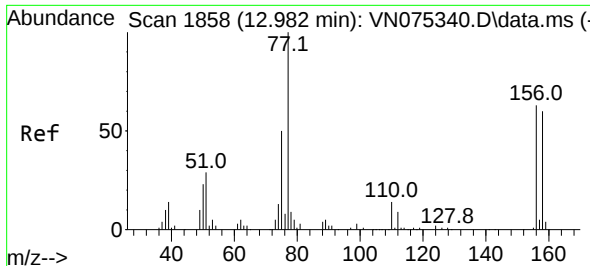
Tgt Ion: 75 Resp: 206746

Ion Ratio Lower Upper

75 100

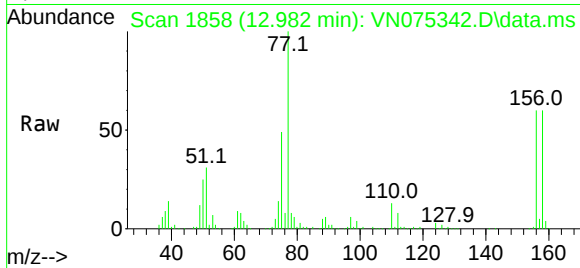
77 181.3 75.6 226.8





#77
Bromobenzene
Concen: 83.850 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

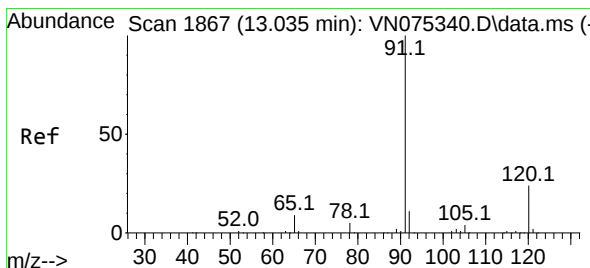
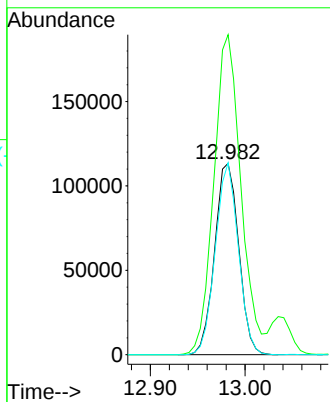
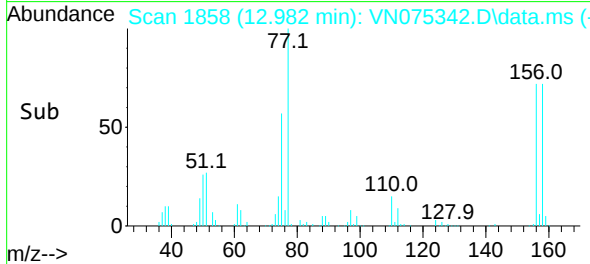
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



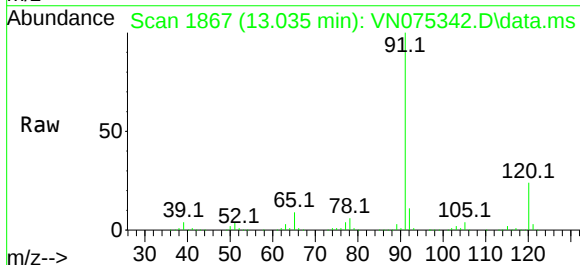
Tgt Ion:156 Resp: 200285
Ion Ratio Lower Upper
156 100
77 187.2 108.5 325.5
158 96.0 47.7 143.1

Manual Integrations
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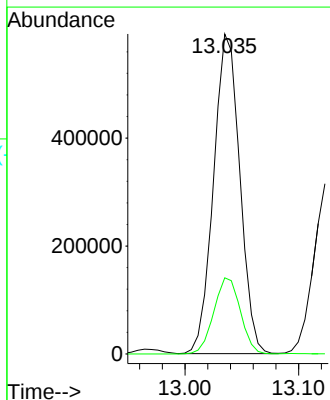
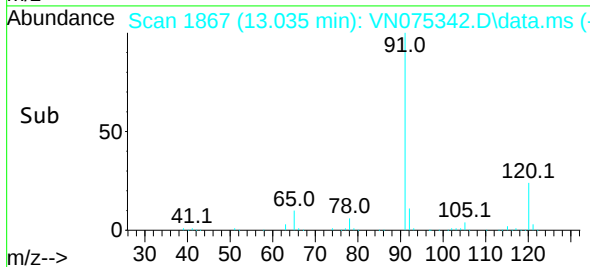
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

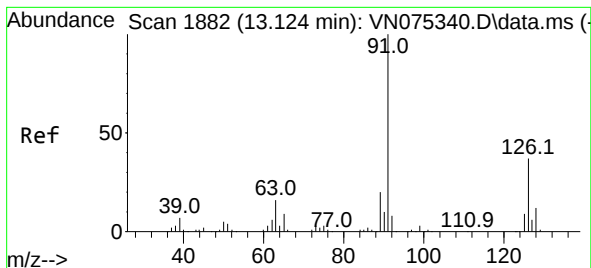


#78
n-propylbenzene
Concen: 79.601 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



Tgt Ion: 91 Resp: 952141
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5





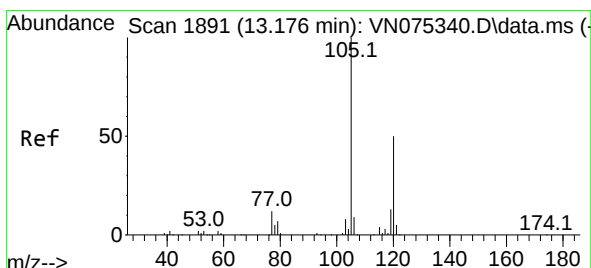
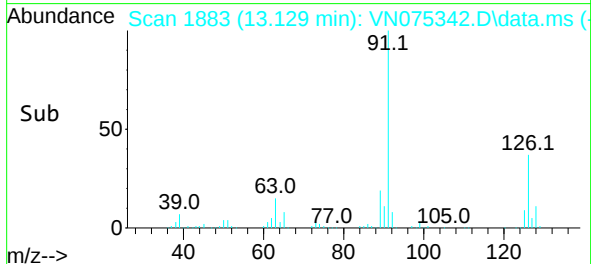
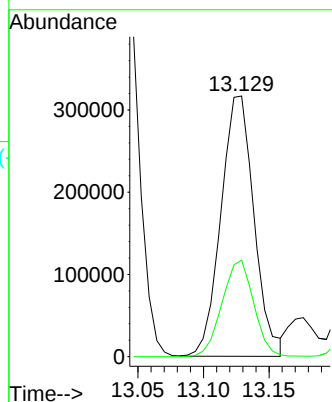
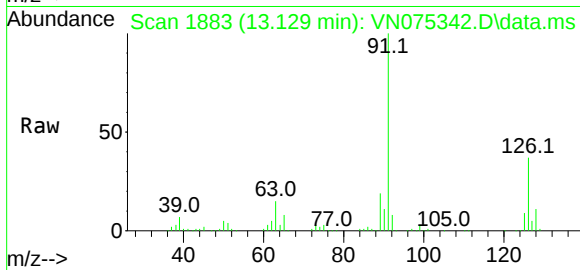
#79
2-Chlorotoluene
Concen: 76.483 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 55619
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.7

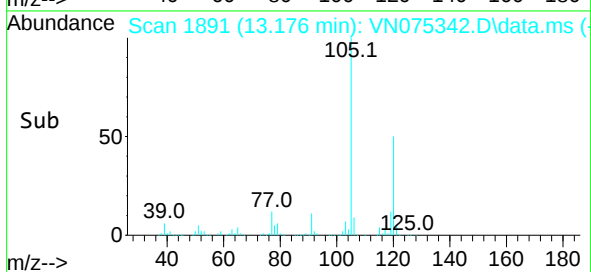
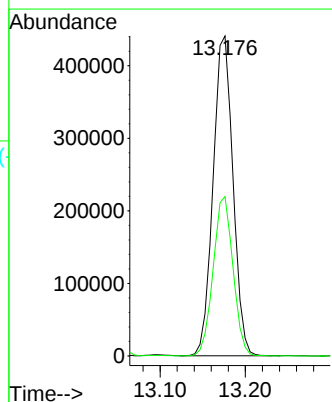
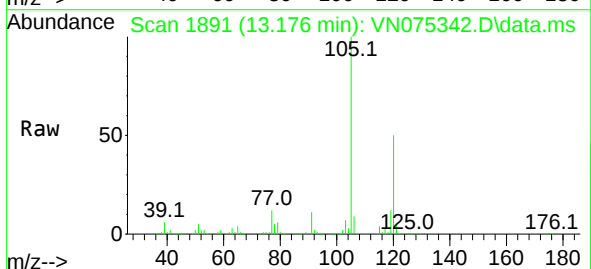
Manual Integrations
APPROVED

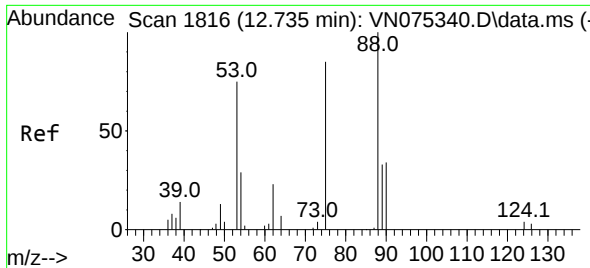
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 79.993 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Tgt Ion:105 Resp: 714584
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





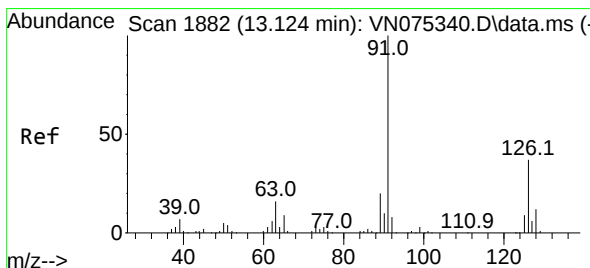
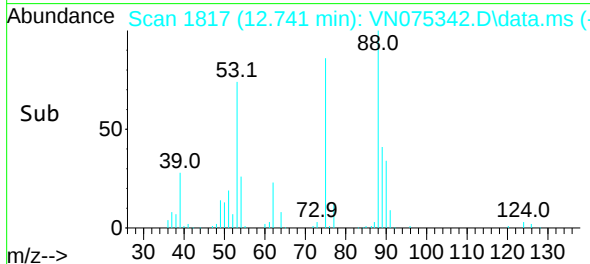
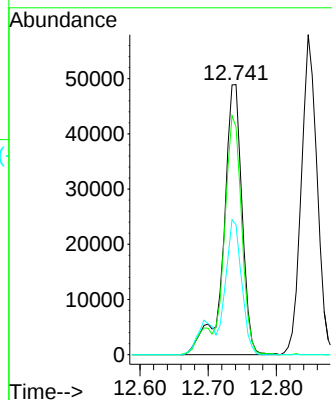
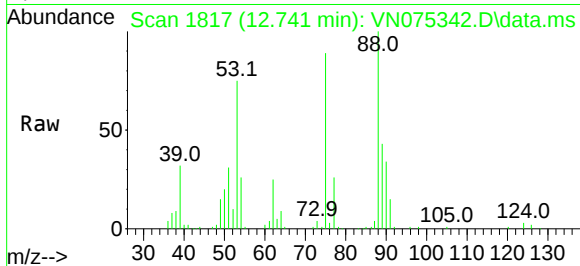
#81
trans-1,4-Dichloro-2-butene
Concen: 86.108 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 9287
Ion Ratio Lower Upper
75 100
53 80.1 78.5 117.7
89 42.9 37.7 56.5

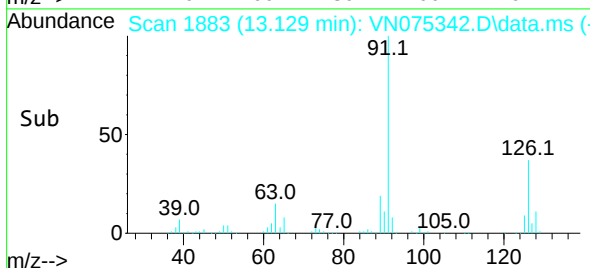
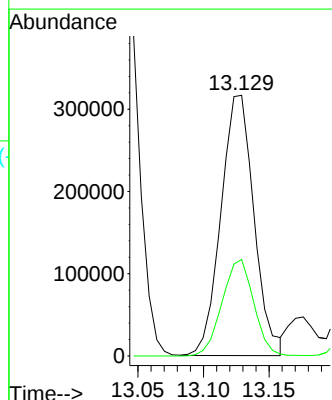
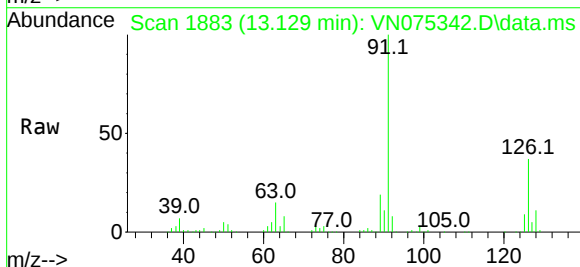
Manual Integrations
APPROVED

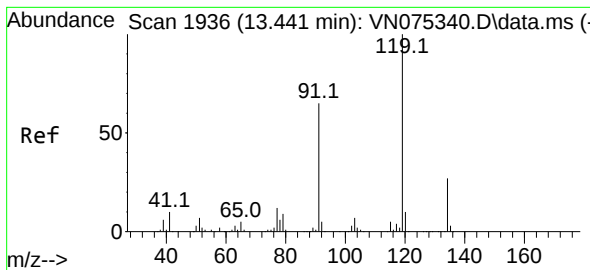
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#82
4-Chlorotoluene
Concen: 76.483 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Tgt Ion: 91 Resp: 556197
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.7





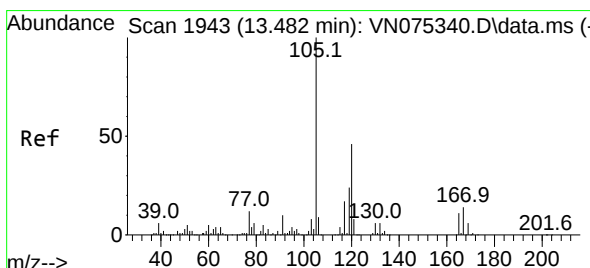
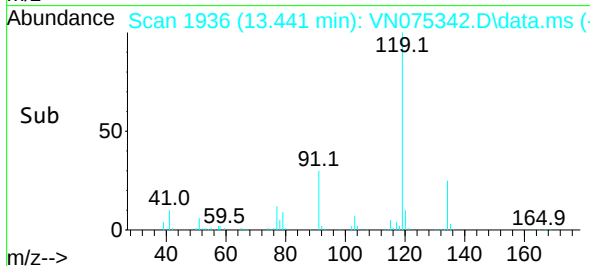
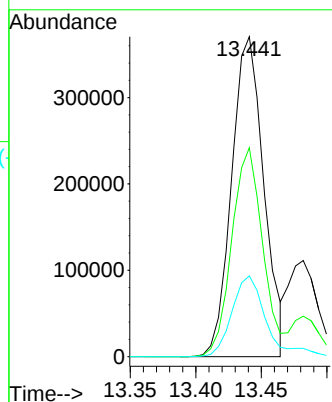
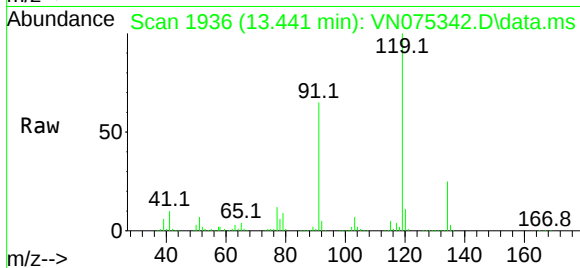
#83
tert-Butylbenzene
Concen: 79.543 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 633298
Ion Ratio Lower Upper
119 100
91 63.6 32.8 98.4
134 26.8 12.3 36.9

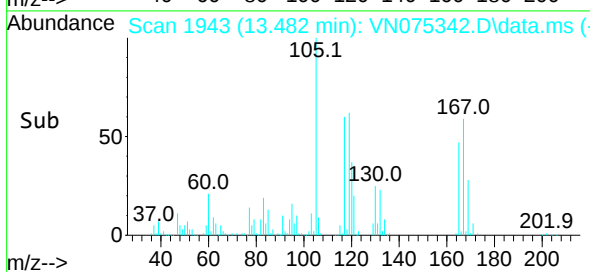
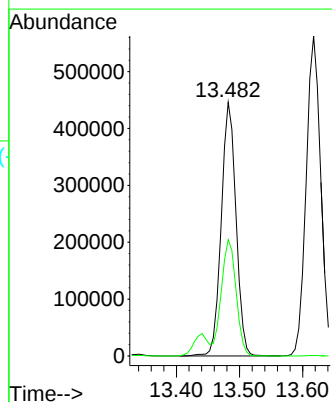
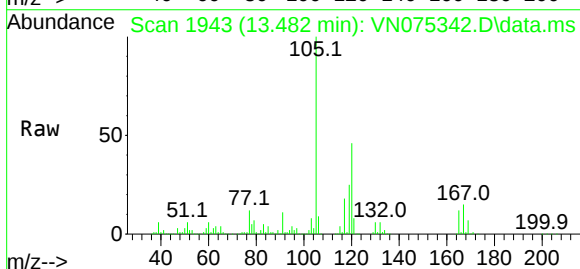
Manual Integrations
APPROVED

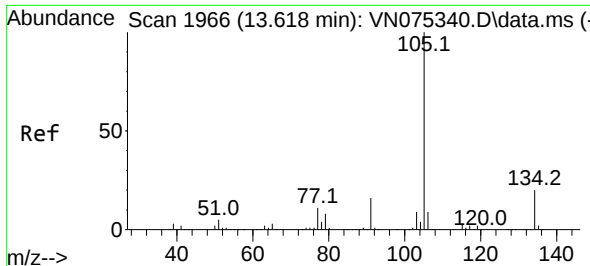
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#84
1,2,4-Trimethylbenzene
Concen: 80.136 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Tgt Ion:105 Resp: 723300
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1





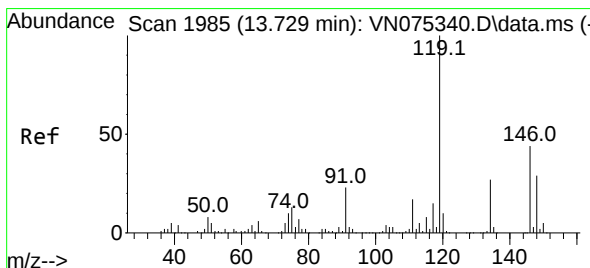
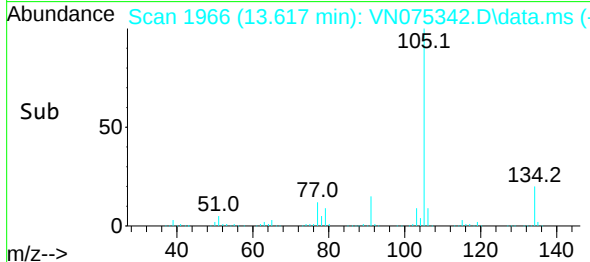
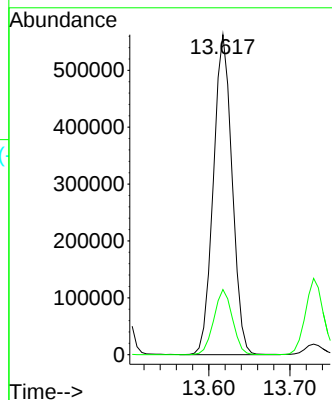
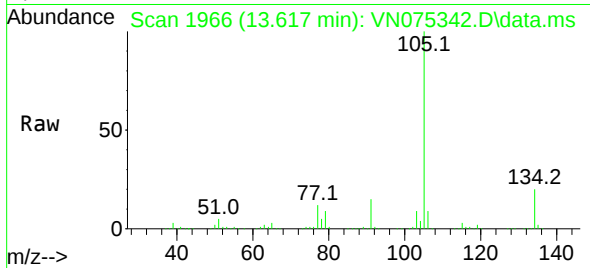
#85
 sec-Butylbenzene
 Concen: 81.174 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075342.D
 Acq: 21 Nov 2022 13:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 902328
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6

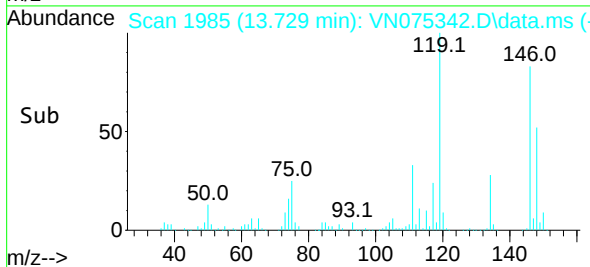
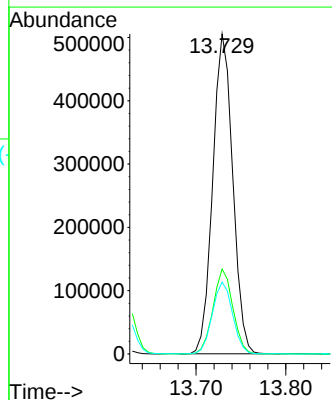
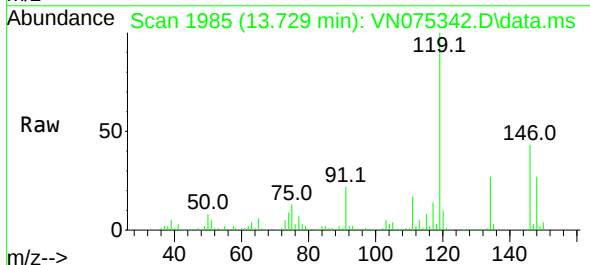
Manual Integrations
 APPROVED

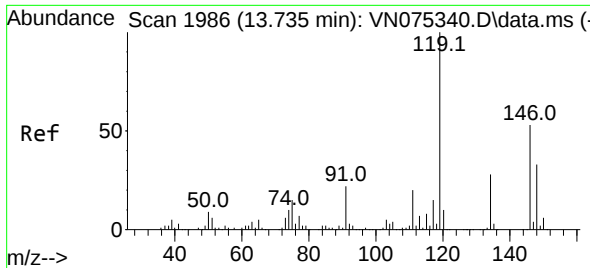
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#86
 p-Isopropyltoluene
 Concen: 84.829 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075342.D
 Acq: 21 Nov 2022 13:28

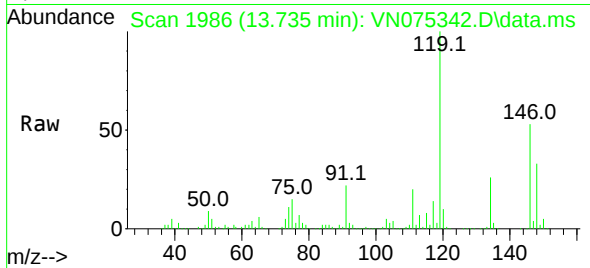
Tgt Ion:119 Resp: 780379
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 22.7 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 85.445 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

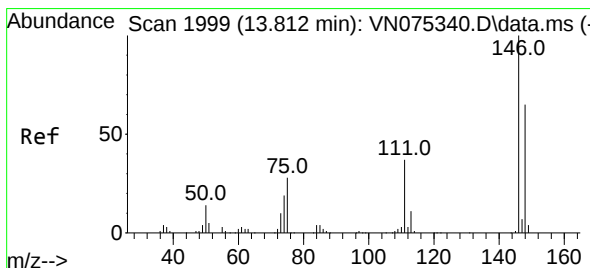
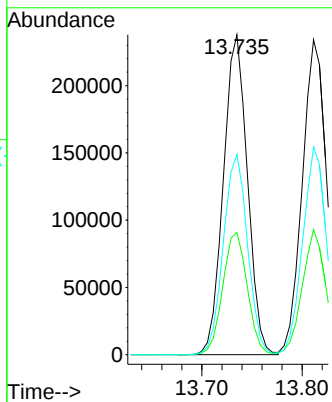
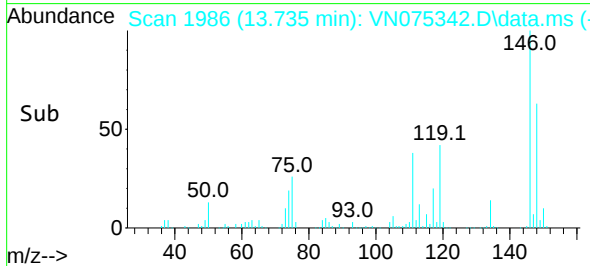
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



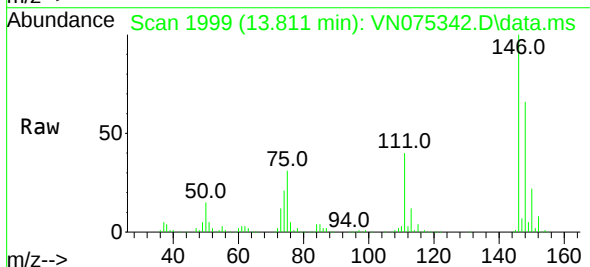
Tgt Ion:146 Resp: 39643
Ion Ratio Lower Upper
146 100
111 38.9 20.8 62.5
148 63.1 31.1 93.5

Manual Integrations
APPROVED

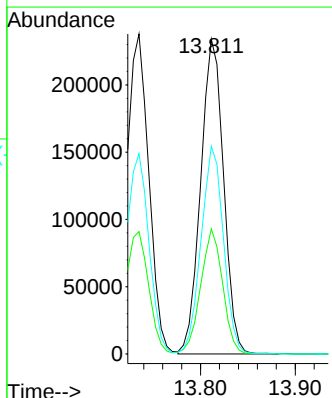
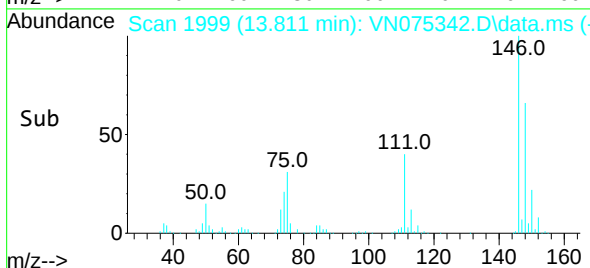
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

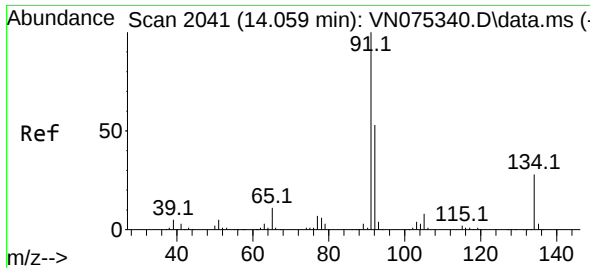


#88
1,4-Dichlorobenzene
Concen: 85.526 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



Tgt Ion:146 Resp: 392988
Ion Ratio Lower Upper
146 100
111 37.8 20.1 60.3
148 64.6 31.9 95.7





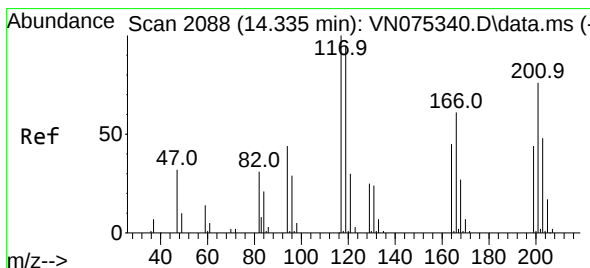
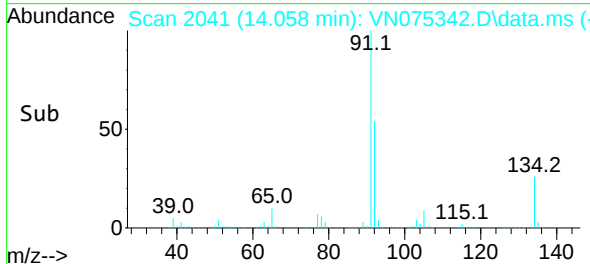
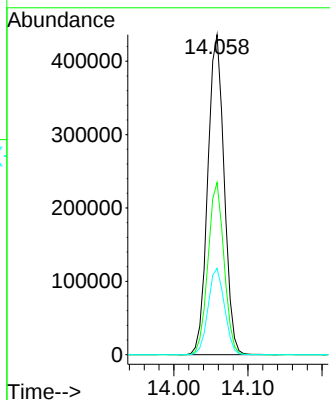
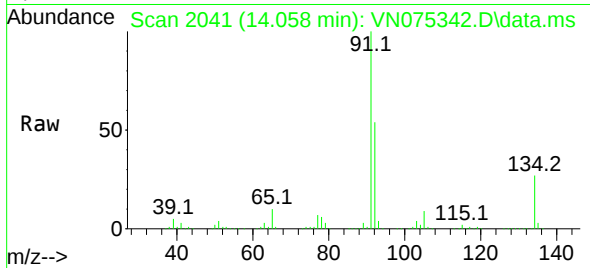
#89
n-Butylbenzene
Concen: 90.059 ug/l
RT: 14.058 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 669397
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.4
134 27.0 13.0 39.0

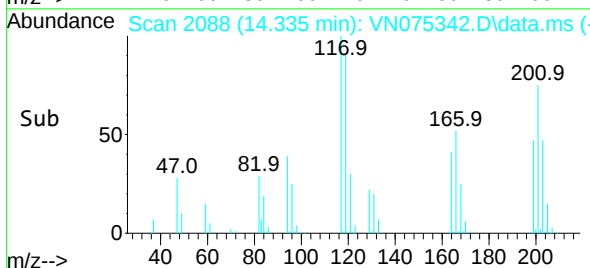
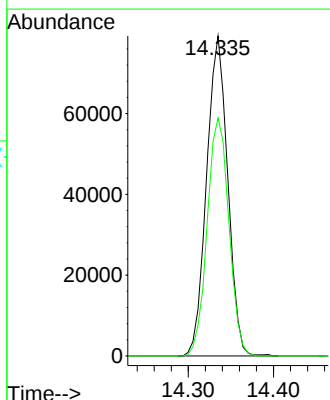
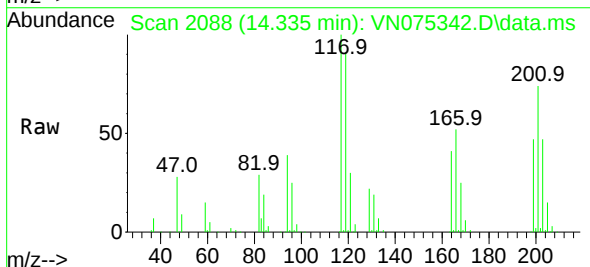
Manual Integrations
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Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#90
Hexachloroethane
Concen: 81.245 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Tgt Ion:117 Resp: 136466
Ion Ratio Lower Upper
117 100
201 76.3 31.5 94.5





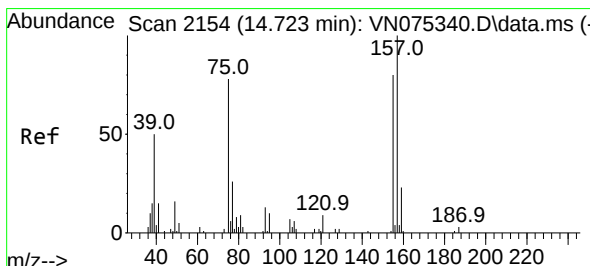
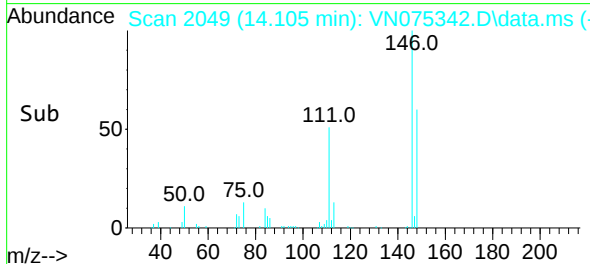
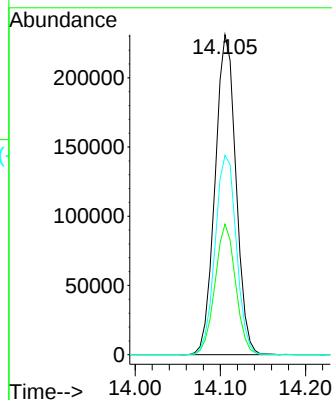
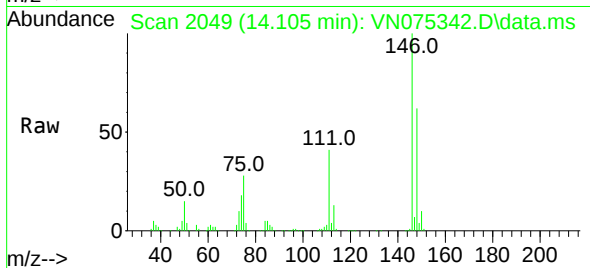
#91
1,2-Dichlorobenzene
Concen: 85.089 ug/l
RT: 14.105 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 393060
Ion Ratio Lower Upper
146 100
111 40.4 21.3 63.9
148 63.7 31.4 94.2

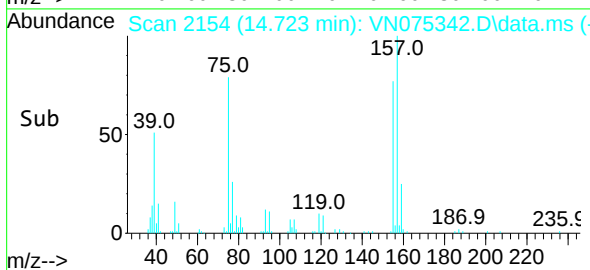
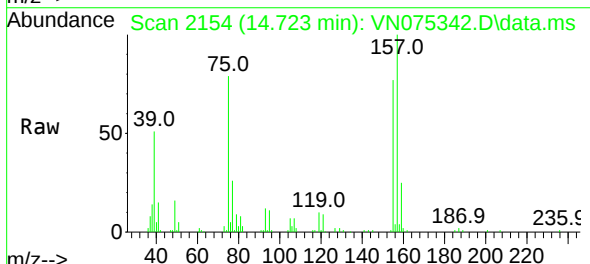
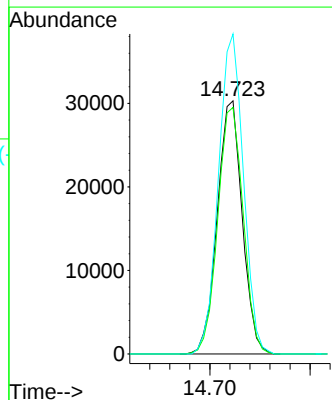
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 74.016 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

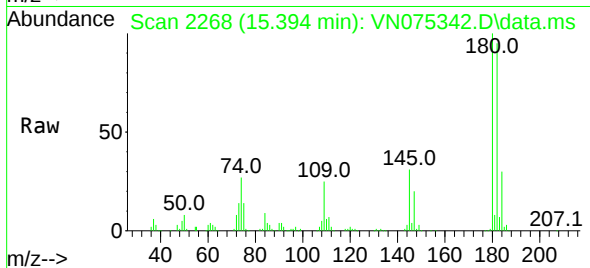
Tgt Ion: 75 Resp: 52399
Ion Ratio Lower Upper
75 100
155 99.0 42.1 126.3
157 126.4 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 111.720 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

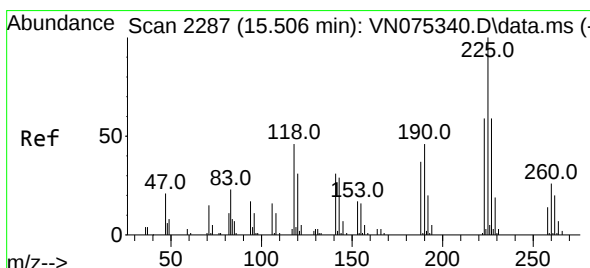
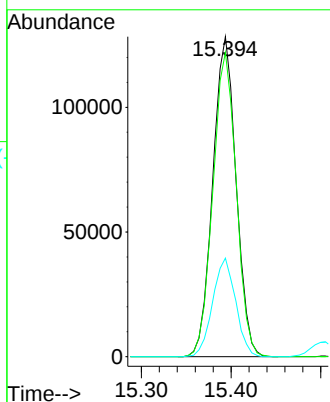
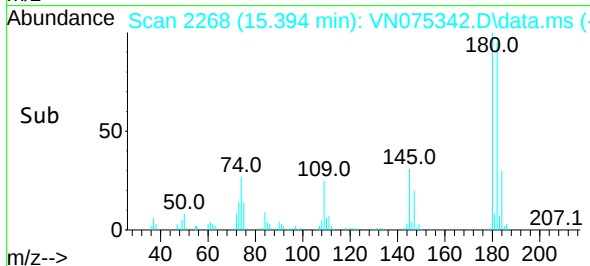
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



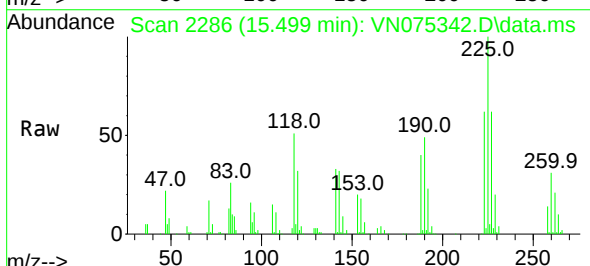
Tgt Ion:180 Resp: 230744
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.4
145 30.5 16.8 50.3

Manual Integrations
APPROVED

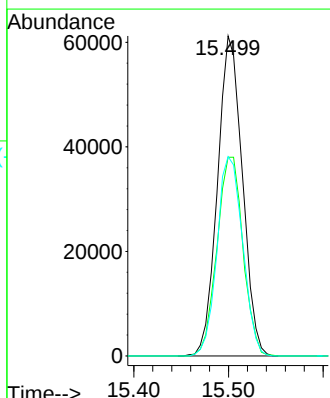
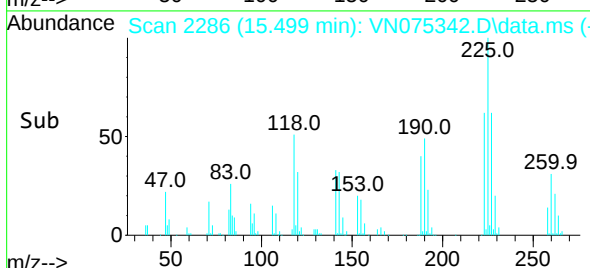
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

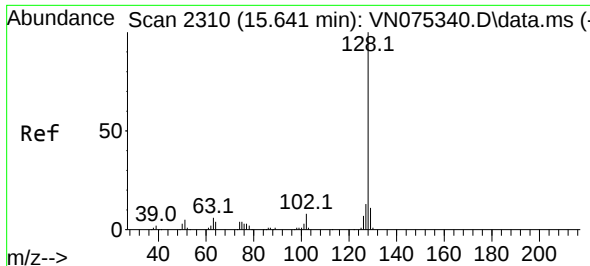


#94
Hexachlorobutadiene
Concen: 108.659 ug/l
RT: 15.499 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



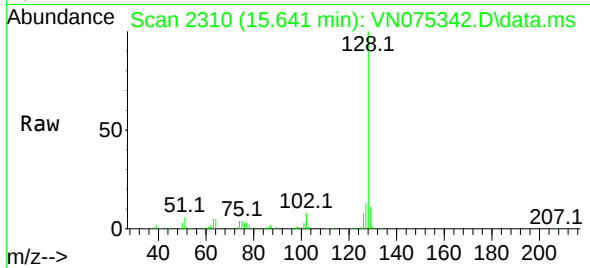
Tgt Ion:225 Resp: 111686
Ion Ratio Lower Upper
225 100
223 64.9 32.3 96.9
227 64.1 32.0 96.2





#95
Naphthalene
Concen: 95.801 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28

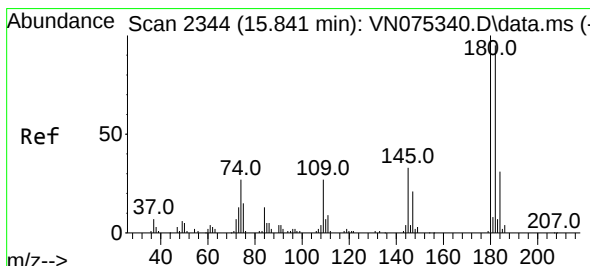
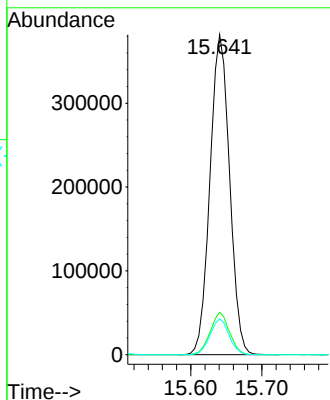
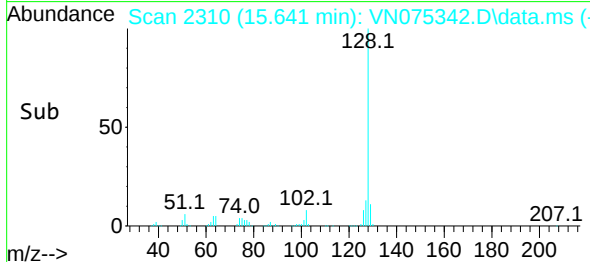
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



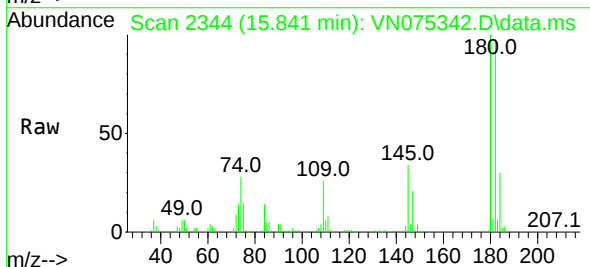
Tgt Ion:128 Resp: 730330
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#96
1,2,3-Trichlorobenzene
Concen: 108.537 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075342.D
Acq: 21 Nov 2022 13:28



Tgt Ion:180 Resp: 221294
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.8
145 32.8 17.6 52.9

