

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120222\
 Data File : VN075550.D
 Acq On : 02 Dec 2022 22:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 03 00:40:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2022
 Supervised By : Mahesh Dadoda 12/05/2022

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	154294	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	248630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	228743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	40977	49.475	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.960%		
35) Dibromofluoromethane	8.171	113	52434	53.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.360%		
50) Toluene-d8	10.571	98	114850	52.209	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.420%		
62) 4-Bromofluorobenzene	12.853	95	87023	53.596	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	67874	57.529	ug/l	100
3) Chloromethane	2.371	50	85616	58.319	ug/l	100
4) Vinyl Chloride	2.524	62	102654	55.483	ug/l	97
5) Bromomethane	2.930	94	93400	57.407	ug/l	100
6) Chloroethane	3.106	64	77439	55.238	ug/l	100
7) Trichlorofluoromethane	3.500	101	143158	54.162	ug/l	100
8) Diethyl Ether	3.971	74	51331	55.409	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	80104	54.898	ug/l	92
10) Methyl Iodide	4.589	142	133162	56.319	ug/l	95
11) Tert butyl alcohol	5.541	59	86220	247.985	ug/l	# 84
12) 1,1-Dichloroethene	4.353	96	75917	53.132	ug/l	92
13) Acrolein	4.189	56	91402	301.769	ug/l	99
14) Allyl chloride	5.036	41	101045m	54.672	ug/l	
15) Acrylonitrile	5.730	53	211953	265.713	ug/l	98
16) Acetone	4.442	43	164655	213.136	ug/l	95
17) Carbon Disulfide	4.724	76	199060	53.607	ug/l	98
18) Methyl Acetate	5.036	43	110927	57.142	ug/l	96
19) Methyl tert-butyl Ether	5.806	73	271619	53.662	ug/l	98
20) Methylene Chloride	5.289	84	90152	57.746	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	84826	52.092	ug/l	93
22) Diisopropyl ether	6.683	45	225838	53.546	ug/l	98
23) Vinyl Acetate	6.612	43	820560	244.548	ug/l	98
24) 1,1-Dichloroethane	6.583	63	144425	53.348	ug/l	97
25) 2-Butanone	7.488	43	265084	245.777	ug/l	97
26) 2,2-Dichloropropane	7.494	77	118972	47.286	ug/l	87
27) cis-1,2-Dichloroethene	7.494	96	238526	129.543	ug/l	86
28) Bromochloromethane	7.818	49	55174	50.209	ug/l	84
29) Tetrahydrofuran	7.841	42	172781	263.366	ug/l	97
30) Chloroform	7.971	83	161833	52.055	ug/l	98
31) Cyclohexane	8.265	56	126119	47.928	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	151826	53.786	ug/l	94
36) 1,1-Dichloropropene	8.377	75	115250	54.109	ug/l	97
37) Ethyl Acetate	7.565	43	103475	53.953	ug/l	97
38) Carbon Tetrachloride	8.365	117	138260	59.091	ug/l	98
39) Methylcyclohexane	9.606	83	152003	57.021	ug/l	95
40) Benzene	8.612	78	354035	54.289	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	55987	57.099	ug/l	97
42) 1,2-Dichloroethane	8.677	62	116799	53.478	ug/l	95
43) Isopropyl Acetate	8.694	43	172597	56.067	ug/l	96
44) Trichloroethene	9.359	130	181127	101.507	ug/l	91
45) 1,2-Dichloropropane	9.624	63	84908	54.636	ug/l	99
46) Dibromomethane	9.712	93	65872	56.040	ug/l #	89
47) Bromodichloromethane	9.888	83	131218	57.645	ug/l	100
48) Methyl methacrylate	9.682	41	78813	55.368	ug/l	94
49) 1,4-Dioxane	9.700	88	43340	1072.253	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	549044	280.022	ug/l	97
52) Toluene	10.629	92	239375	56.962	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	131753	57.654	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	142740	57.510	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	95716	55.922	ug/l	96
56) Ethyl methacrylate	10.876	69	140517	60.791	ug/l	95
57) 1,3-Dichloropropane	11.165	76	152422	54.615	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	210586	252.608	ug/l	96
59) 2-Hexanone	11.200	43	410139	278.569	ug/l	96
60) Dibromochloromethane	11.365	129	108840	61.951	ug/l	99
61) 1,2-Dibromoethane	11.470	107	100093	56.342	ug/l	100
64) Tetrachloroethene	11.106	164	83436	47.765	ug/l	95
65) Chlorobenzene	11.894	112	257511	54.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	102292	58.019	ug/l	99
67) Ethyl Benzene	11.965	91	466501	57.884	ug/l	98
68) m/p-Xylenes	12.076	106	378636	115.692	ug/l	100
69) o-Xylene	12.400	106	188921	58.098	ug/l	96
70) Styrene	12.412	104	304546	59.369	ug/l	98
71) Bromoform	12.582	173	85340	63.599	ug/l #	99
73) Isopropylbenzene	12.700	105	486567	56.457	ug/l	98
74) N-amyl acetate	12.494	43	153465	57.920	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	146724	55.841	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	125269m	56.165	ug/l	
77) Bromobenzene	12.982	156	117943	55.432	ug/l	85
78) n-propylbenzene	13.035	91	534708	55.593	ug/l	97
79) 2-Chlorotoluene	13.129	91	322091	55.579	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	415042	57.965	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	42051	55.784	ug/l	99
82) 4-Chlorotoluene	13.129	91	322091	55.579	ug/l	96
83) tert-Butylbenzene	13.441	119	368909	56.508	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	414086	57.654	ug/l	99
85) sec-Butylbenzene	13.617	105	511260	57.716	ug/l	98
86) p-Isopropyltoluene	13.729	119	437915	58.758	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	218611	54.228	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	218384	53.328	ug/l	98
89) n-Butylbenzene	14.059	91	340286	54.059	ug/l	98
90) Hexachloroethane	14.335	117	79576	61.892	ug/l	83
91) 1,2-Dichlorobenzene	14.106	146	218256	55.542	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28717	57.696	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	111248	55.244	ug/l	97
94) Hexachlorobutadiene	15.506	225	59280	56.515	ug/l	97
95) Naphthalene	15.641	128	356214	56.227	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	108702	54.922	ug/l	98

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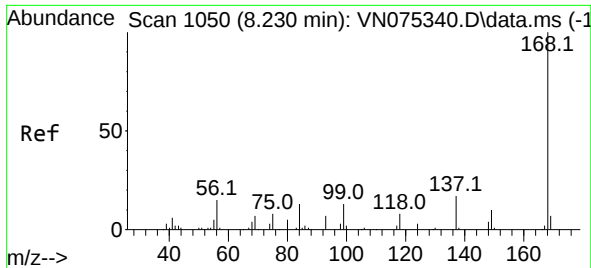
Manual Integrations
APPROVED

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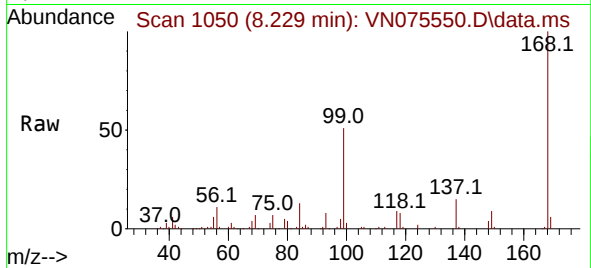
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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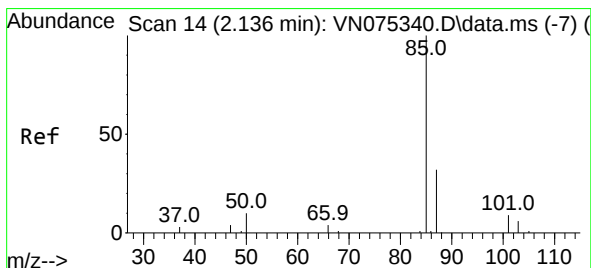
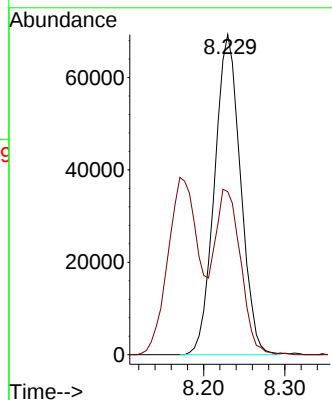
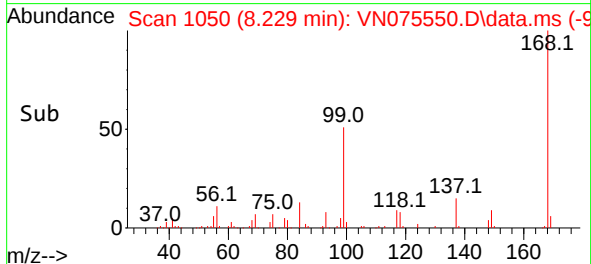
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 154294
Ion Ratio Lower Upper
168 100
99 50.4 51.6 77.4

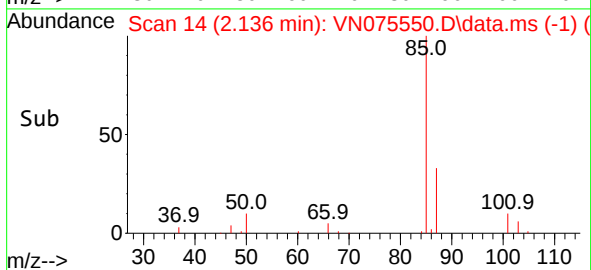
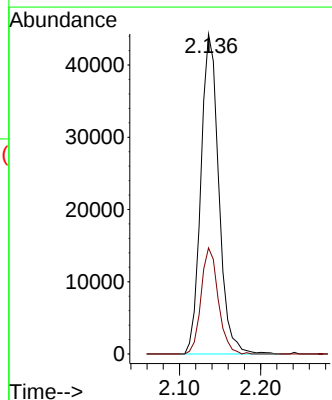
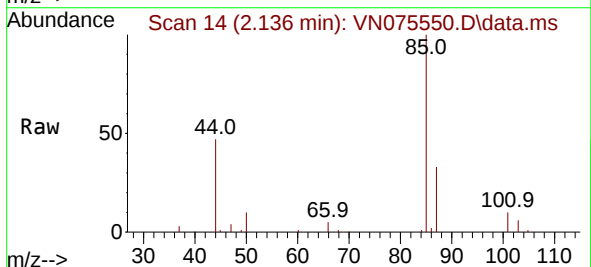
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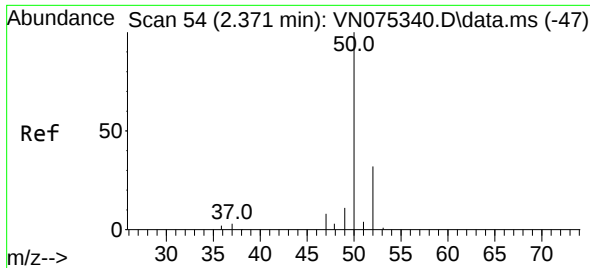
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#2
Dichlorodifluoromethane
Concen: 57.529 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

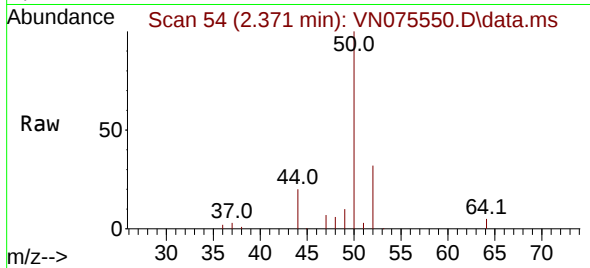
Tgt Ion: 85 Resp: 67874
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.0





#3
Chloromethane
Concen: 58.319 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

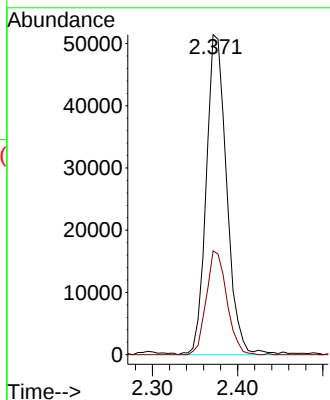
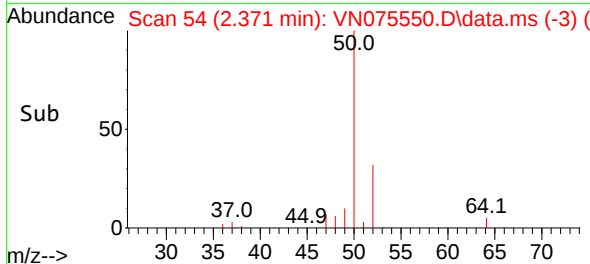
Instrument :
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Tgt Ion: 50 Resp: 85610
Ion Ratio Lower Upper
50 100
52 32.5 25.8 38.6

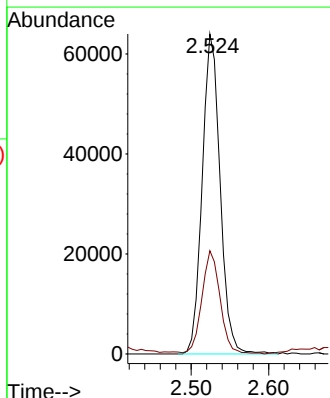
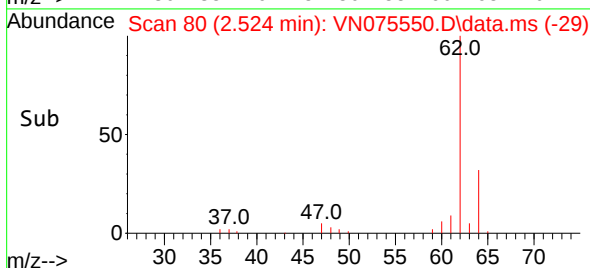
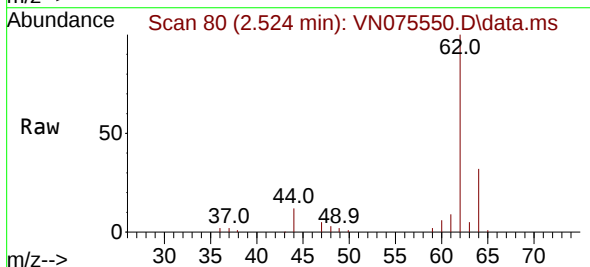
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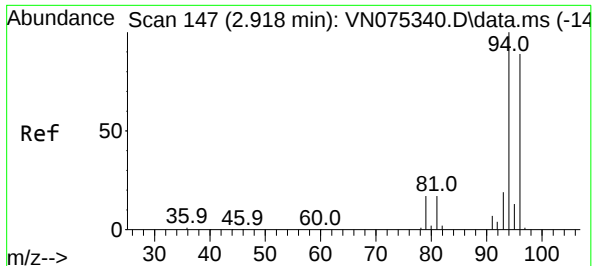
Reviewed By :John Carlone 12/05/2022
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#4
Vinyl Chloride
Concen: 55.483 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075550.D
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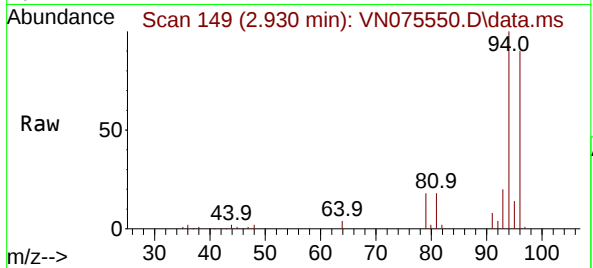
Tgt Ion: 62 Resp: 102654
Ion Ratio Lower Upper
62 100
64 31.7 24.0 36.0





#5
Bromomethane
Concen: 57.407 ug/l
RT: 2.930 min Scan# 147
Delta R.T. 0.012 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

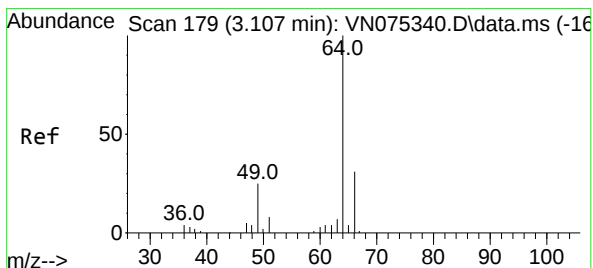
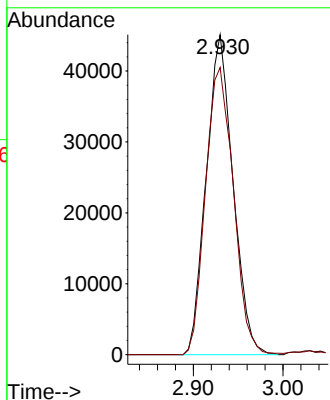
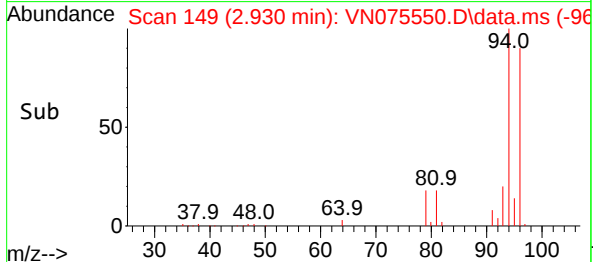
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Tgt Ion: 94 Resp: 93400
Ion Ratio Lower Upper
94 100
96 89.8 71.8 107.6

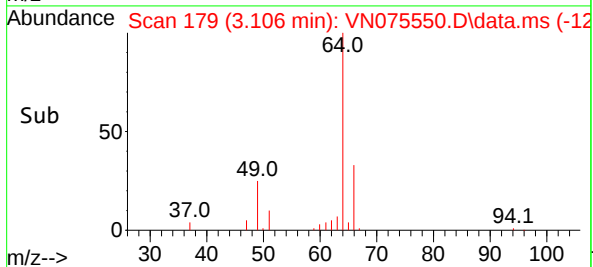
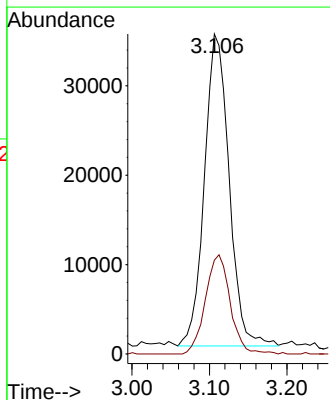
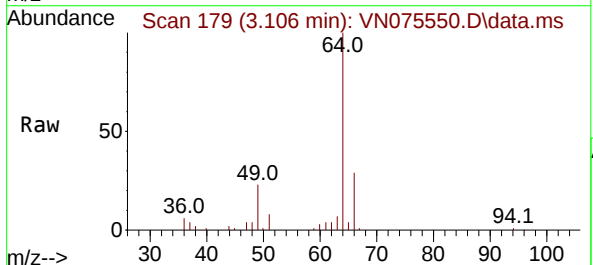
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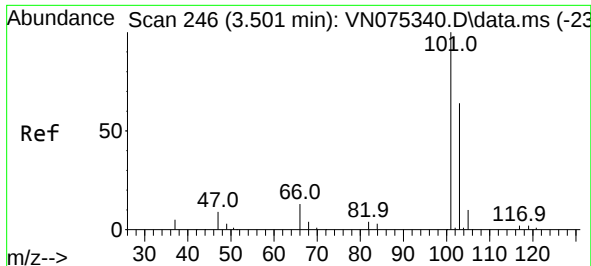
Reviewed By :John Carlone 12/05/2022
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#6
Chloroethane
Concen: 55.238 ug/l
RT: 3.106 min Scan# 179
Delta R.T. -0.001 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

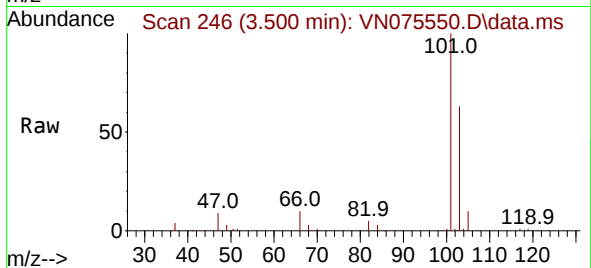
Tgt Ion: 64 Resp: 77439
Ion Ratio Lower Upper
64 100
66 30.0 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 54.162 ug/l
 RT: 3.500 min Scan# 246
 Delta R.T. -0.001 min
 Lab File: VN075550.D
 Acq: 02 Dec 2022 22:28

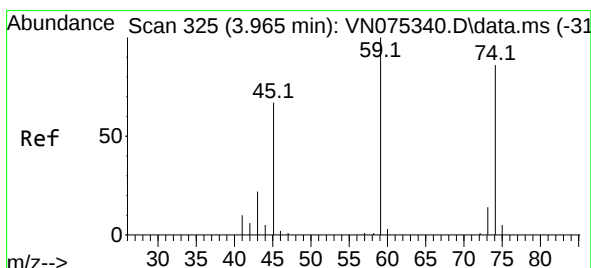
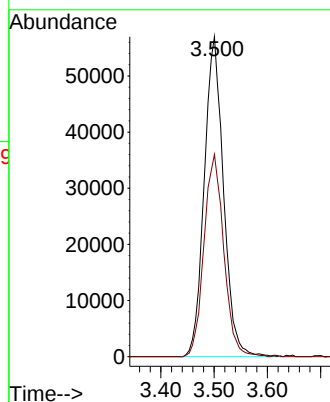
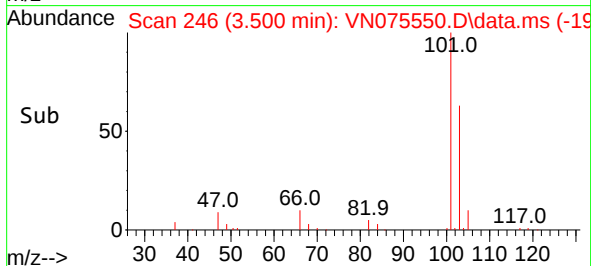
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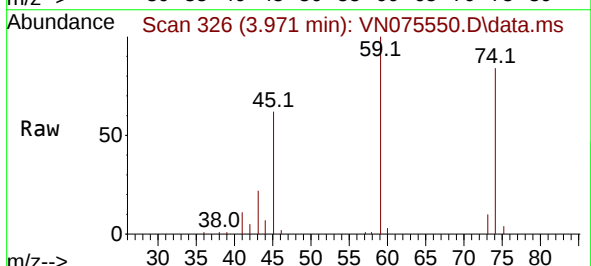
Tgt Ion:101 Resp: 143158
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.5 75.7

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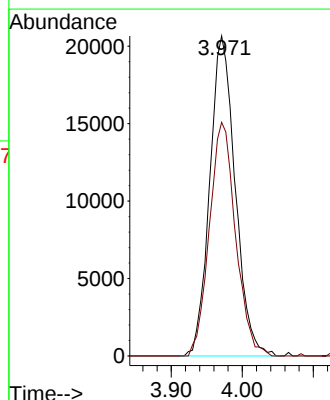
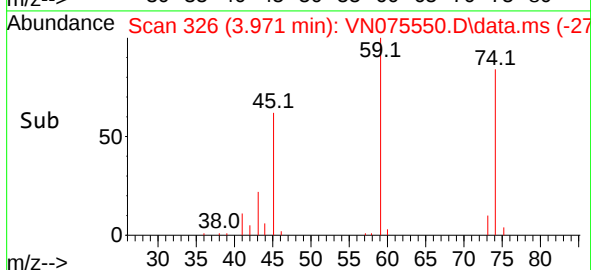
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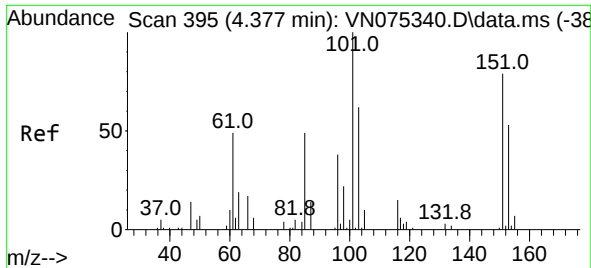


#8
 Diethyl Ether
 Concen: 55.409 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 51331
 Ion Ratio Lower Upper
 74 100
 45 75.1 39.3 117.9





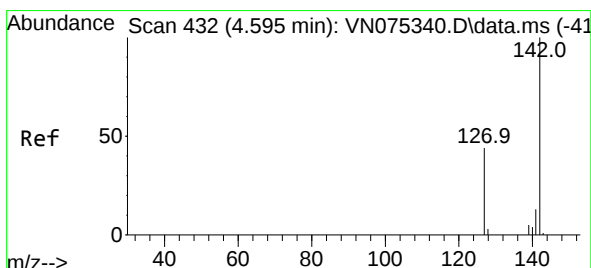
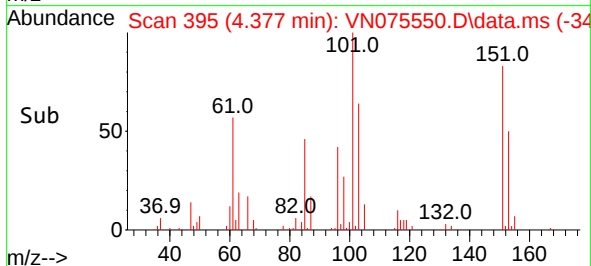
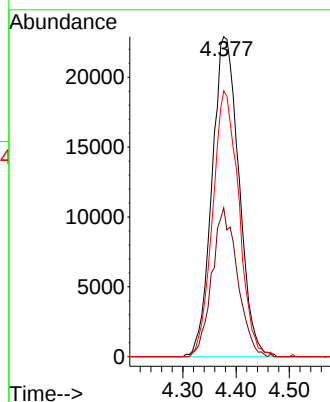
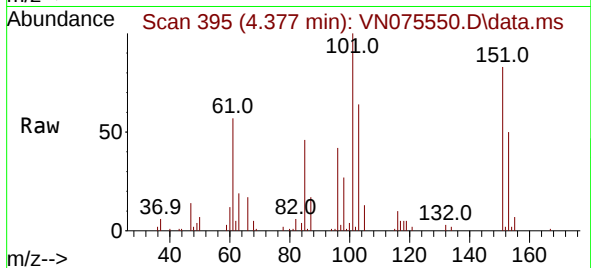
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.898 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 80104
Ion Ratio Lower Upper
101 100
85 44.1 37.6 56.4
151 80.9 58.3 87.5

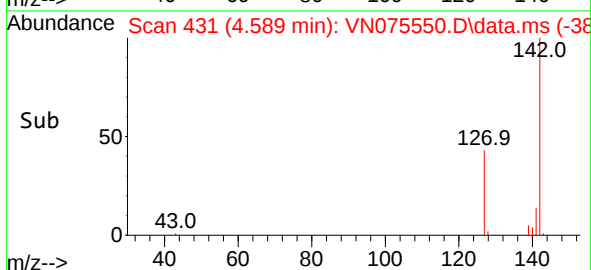
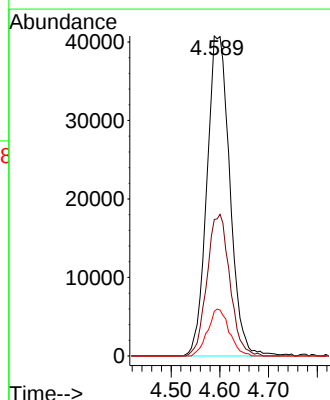
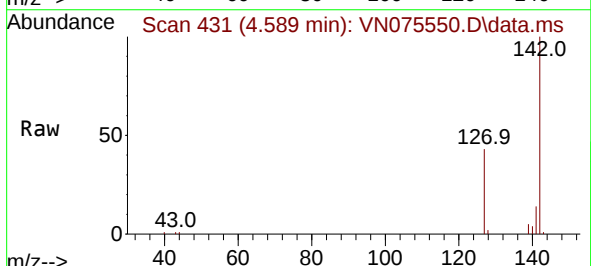
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#10
Methyl Iodide
Concen: 56.319 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

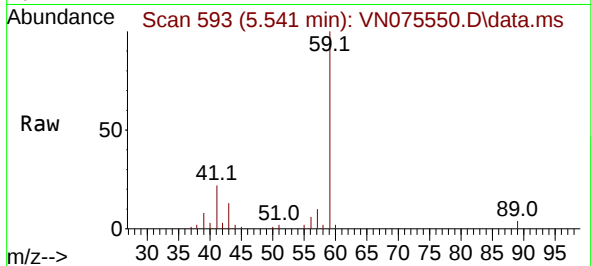
Tgt Ion:142 Resp: 133162
Ion Ratio Lower Upper
142 100
127 44.0 38.0 57.0
141 13.8 12.2 18.4





#11
Tert butyl alcohol
Concen: 247.985 ug/l
RT: 5.541 min Scan# 591
Delta R.T. -0.001 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

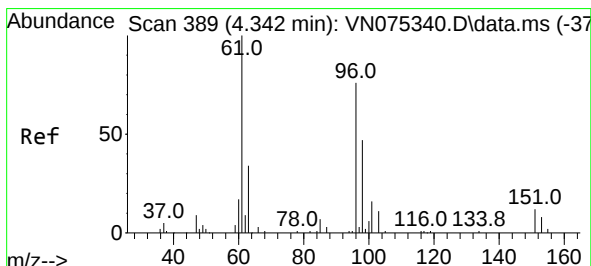
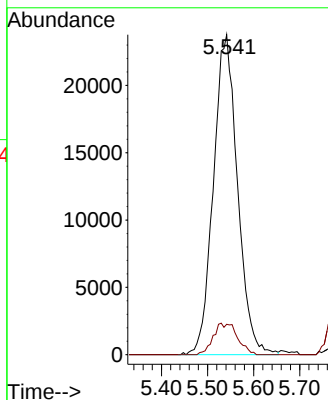
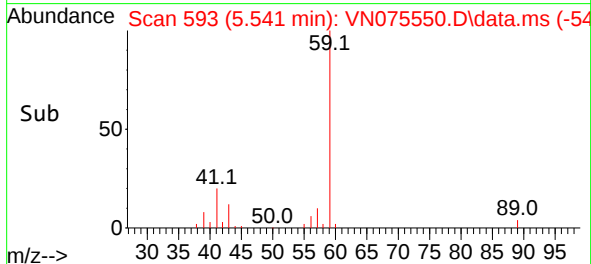
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



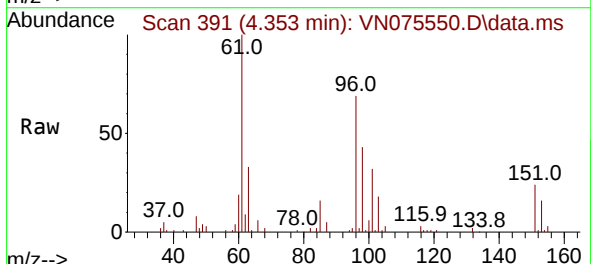
Tgt Ion: 59 Resp: 86220
Ion Ratio Lower Upper
59 100
57 4.8 8.5 12.7

Manual Integrations
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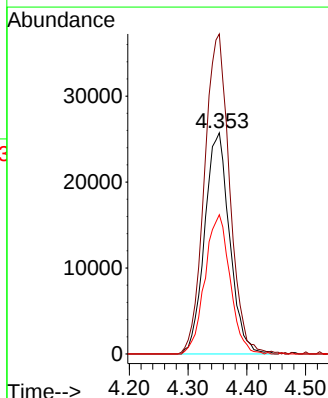
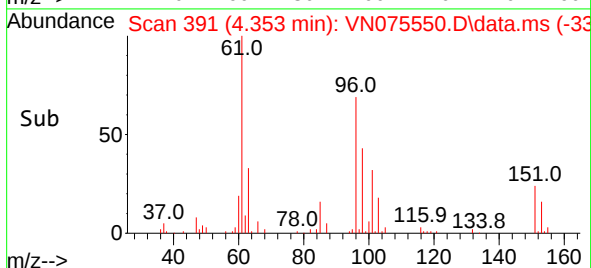
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

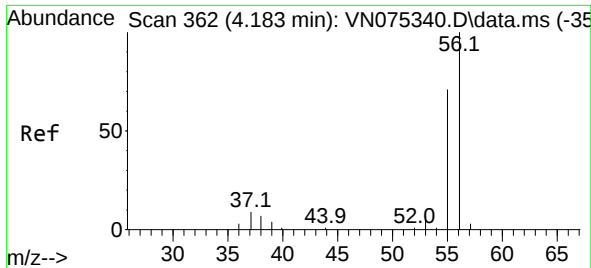


#12
1,1-Dichloroethene
Concen: 53.132 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.011 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28



Tgt Ion: 96 Resp: 75917
Ion Ratio Lower Upper
96 100
61 144.7 126.2 189.4
98 62.9 51.5 77.3





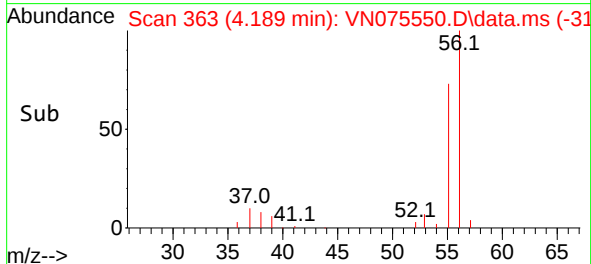
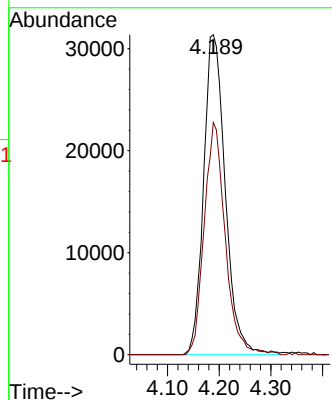
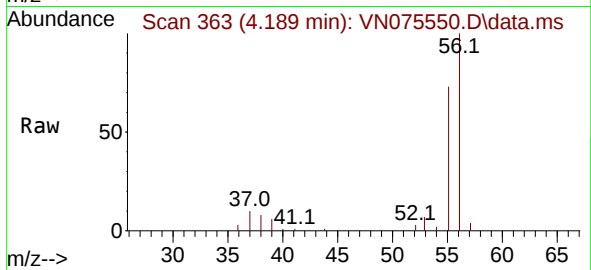
#13
Acrolein
Concen: 301.769 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 9140
Ion Ratio Lower Upper
56 100
55 70.1 55.2 82.8

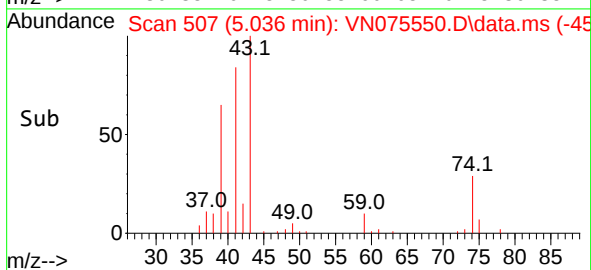
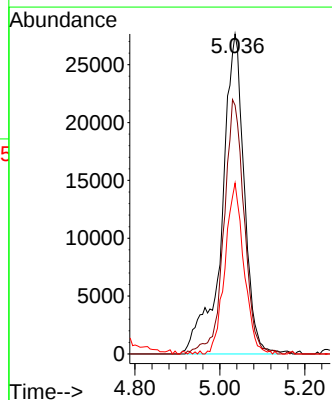
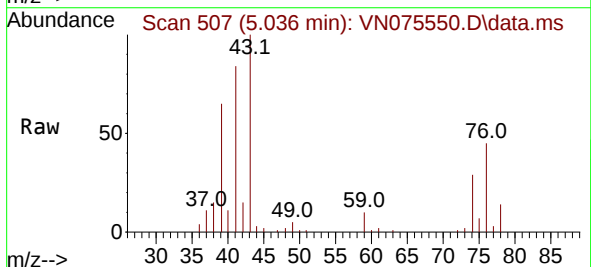
Manual Integrations
APPROVED

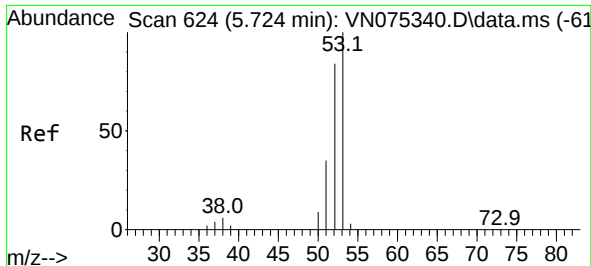
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#14
Allyl chloride
Concen: 54.672 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

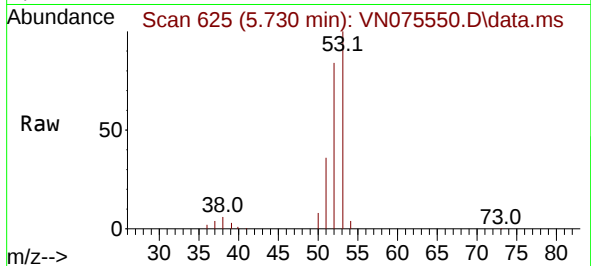
Tgt Ion: 41 Resp: 101045
Ion Ratio Lower Upper
41 100
39 71.9 61.0 91.4
76 45.2 33.4 50.0





#15
Acrylonitrile
Concen: 265.713 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

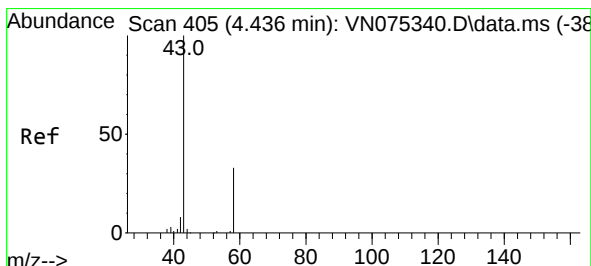
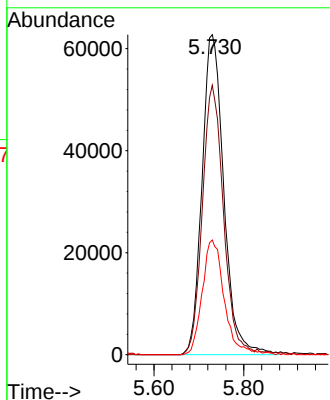
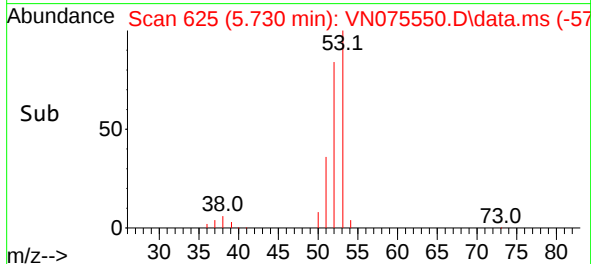
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 21195
Ion Ratio Lower Upper
53 100
52 81.2 66.4 99.6
51 36.0 29.6 44.4

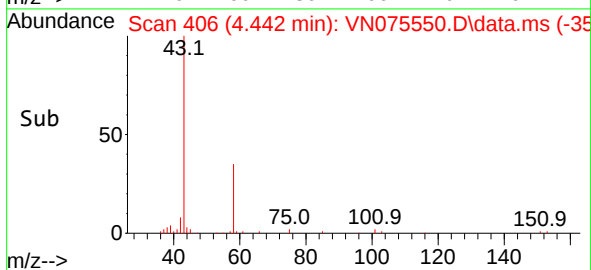
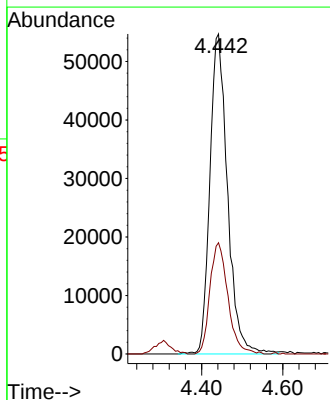
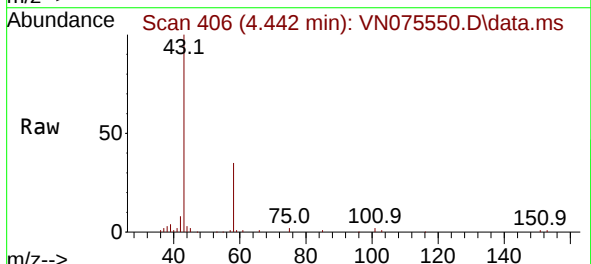
Manual Integrations
APPROVED

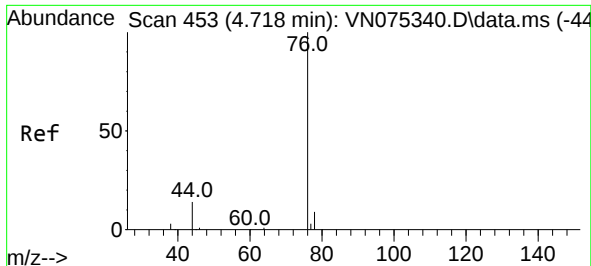
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#16
Acetone
Concen: 213.136 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

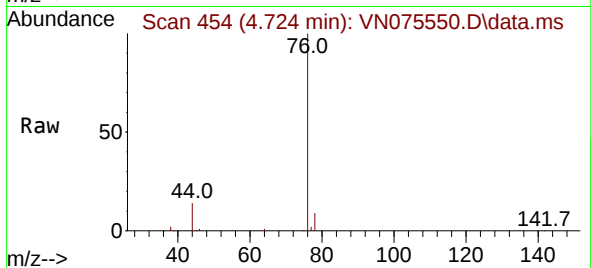
Tgt Ion: 43 Resp: 164655
Ion Ratio Lower Upper
43 100
58 34.7 25.5 38.3





#17
Carbon Disulfide
Concen: 53.607 ug/l
RT: 4.724 min Scan# 454
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

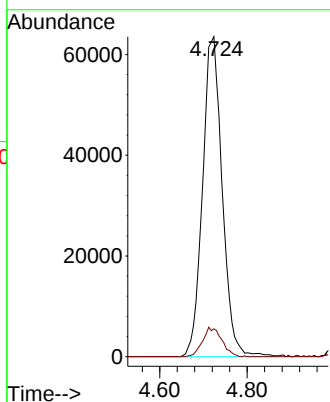
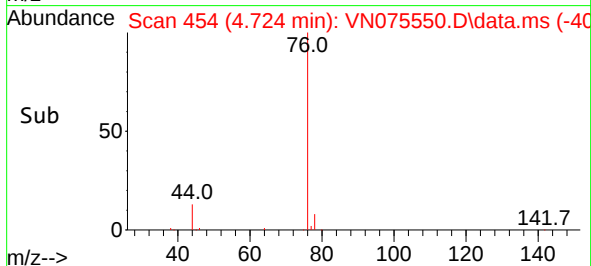
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 199060
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

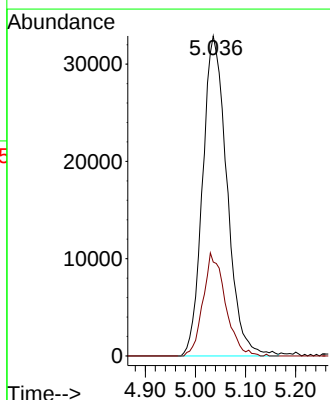
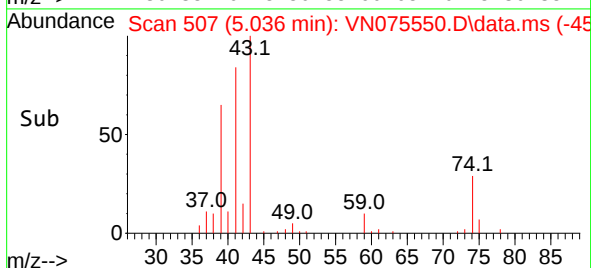
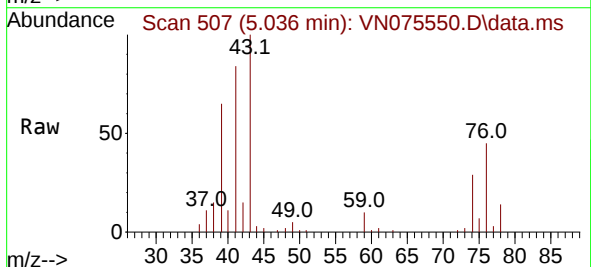
Manual Integrations
APPROVED

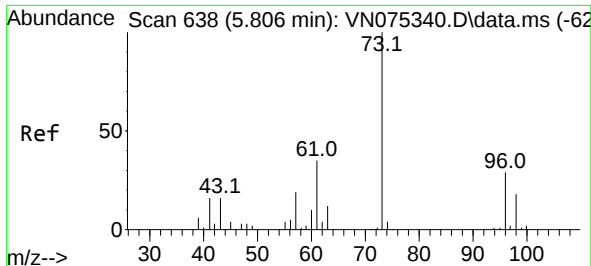
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#18
Methyl Acetate
Concen: 57.142 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

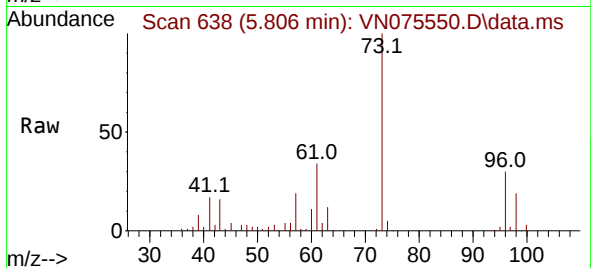
Tgt Ion: 43 Resp: 110927
Ion Ratio Lower Upper
43 100
74 29.5 22.0 33.0





#19
Methyl tert-butyl Ether
Concen: 53.662 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

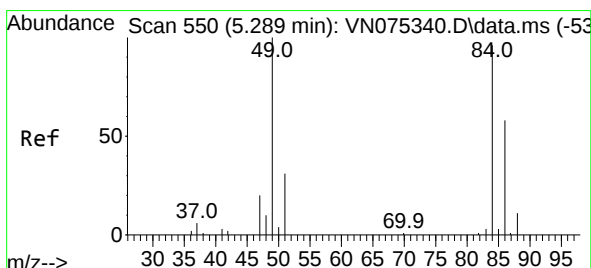
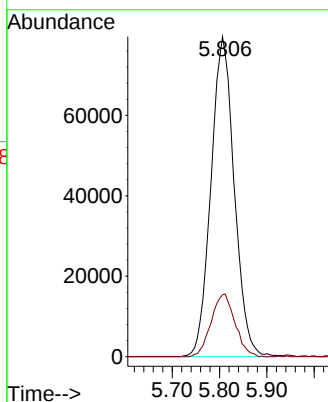
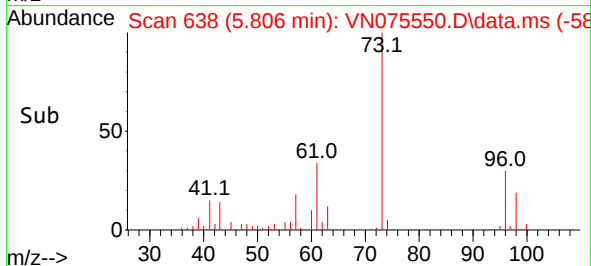
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 271619
Ion Ratio Lower Upper
73 100
57 19.3 16.3 24.5

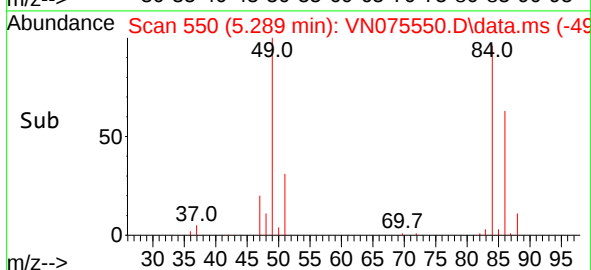
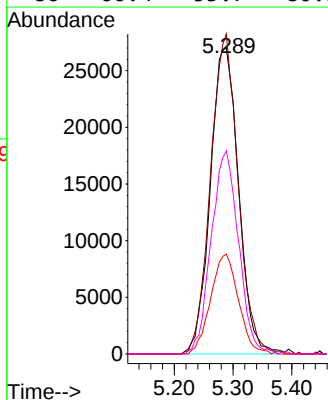
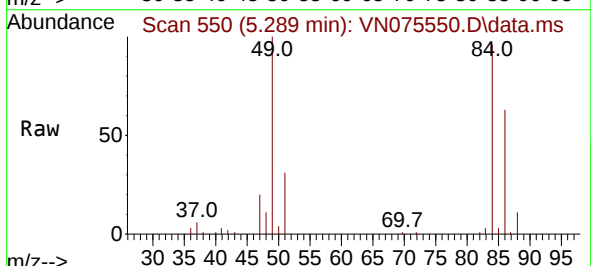
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#20
Methylene Chloride
Concen: 57.746 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Tgt Ion: 84 Resp: 90152
Ion Ratio Lower Upper
84 100
49 104.6 94.9 142.3
51 32.6 26.8 40.2
86 66.4 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 52.092 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Instrument :

MSVOA_N

ClientSampleId :

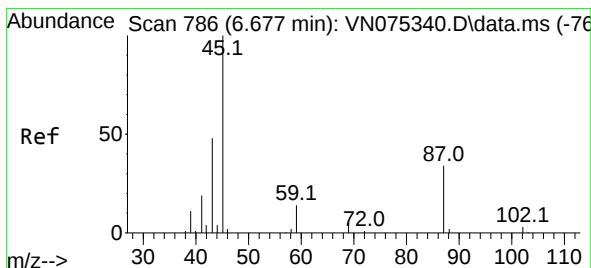
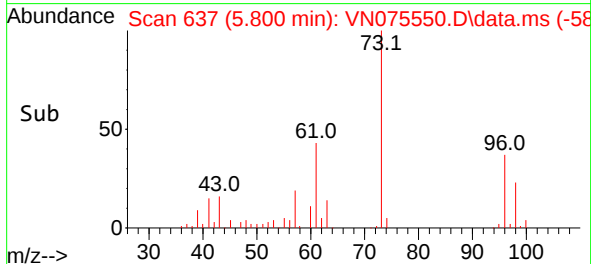
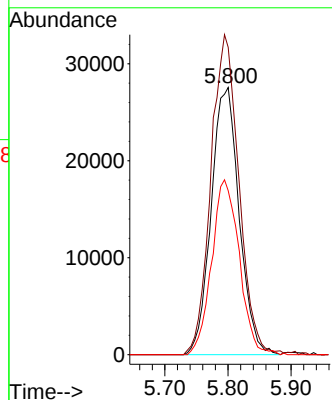
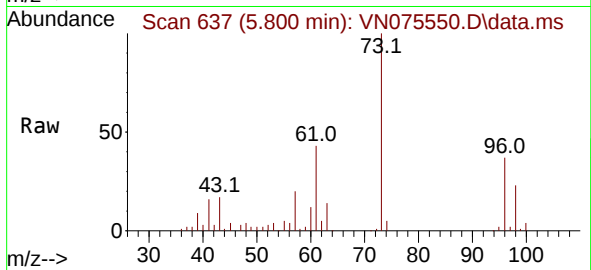
VSTDCCC050EC

Tgt Ion: 96 Resp: 84820
Ion Ratio Lower Upper
96 100
61 115.0 99.9 149.9
98 61.4 51.5 77.3

Manual Integrations

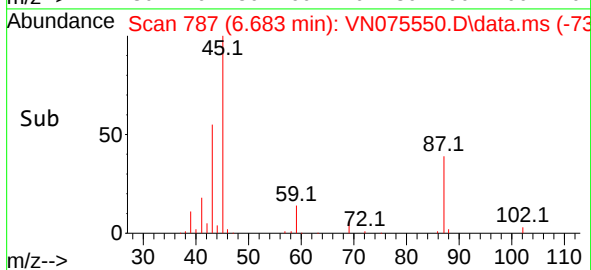
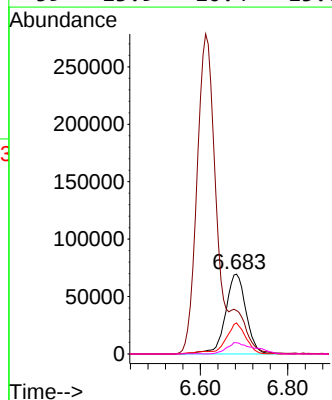
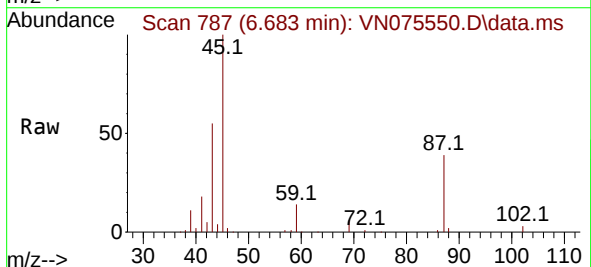
APPROVED

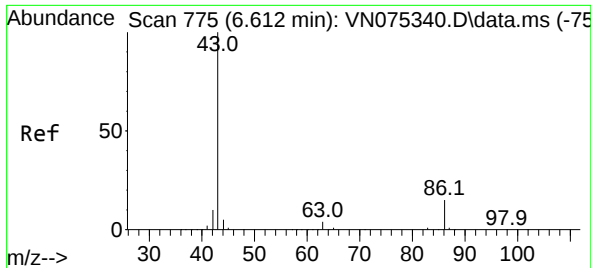
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#22
Diisopropyl ether
Concen: 53.546 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Tgt Ion: 45 Resp: 225838
Ion Ratio Lower Upper
45 100
43 53.3 42.8 64.2
87 38.8 28.4 42.6
59 13.9 10.4 15.6





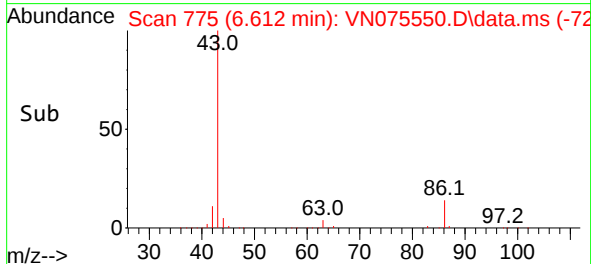
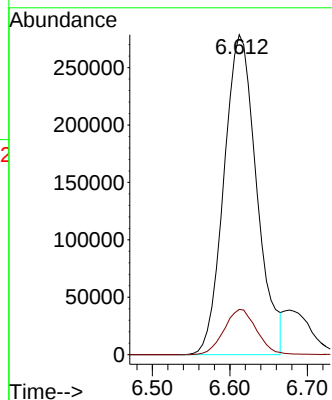
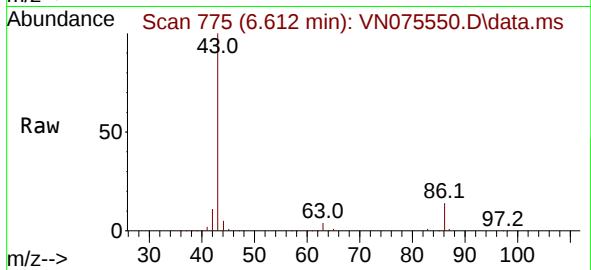
#23
 Vinyl Acetate
 Concen: 244.548 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075550.D
 Acq: 02 Dec 2022 22:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 820560
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.7 16.1

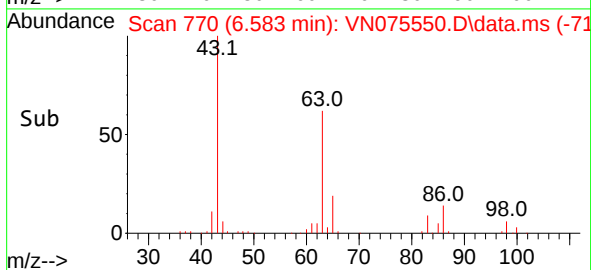
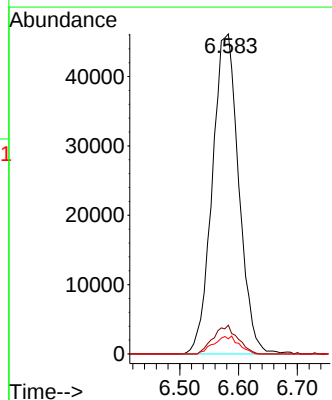
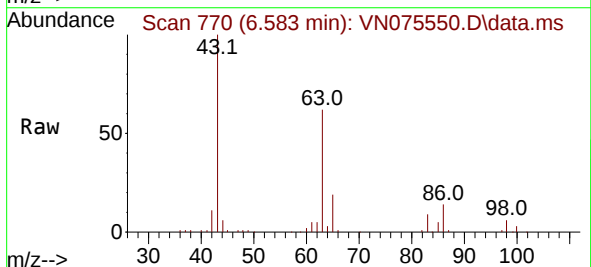
Manual Integrations
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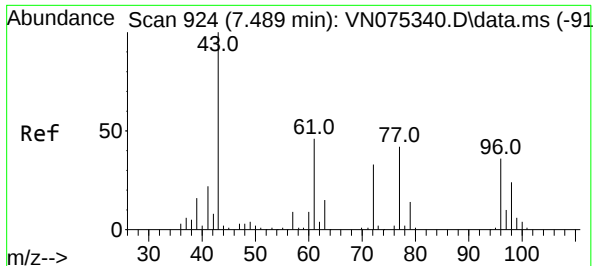
Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#24
 1,1-Dichloroethane
 Concen: 53.348 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075550.D
 Acq: 02 Dec 2022 22:28

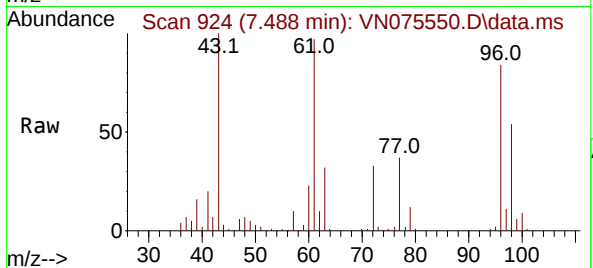
Tgt Ion: 63 Resp: 144425
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.6 10.8
 100 4.7 2.4 7.2





#25
2-Butanone
Concen: 245.777 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

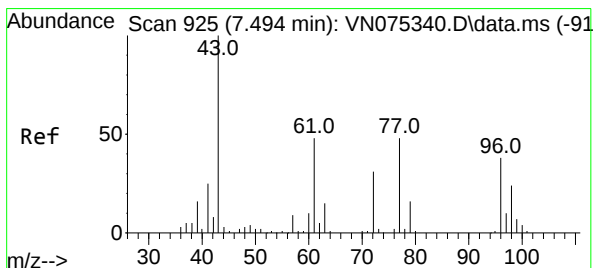
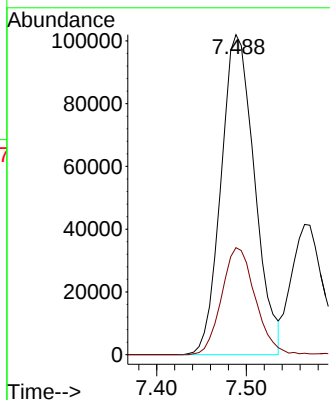
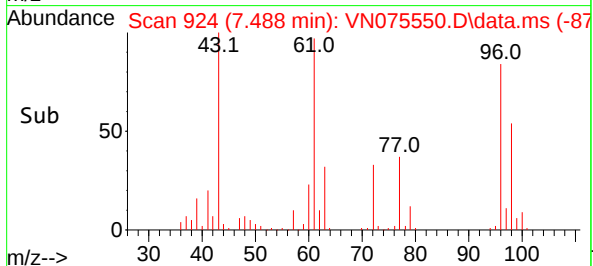
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



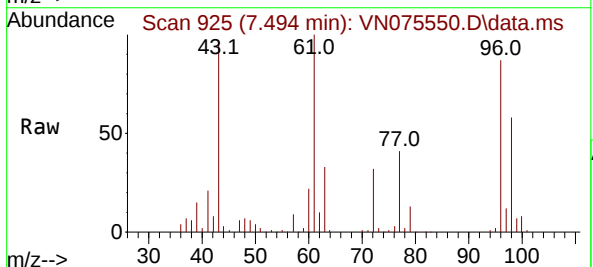
Tgt Ion: 43 Resp: 265084
Ion Ratio Lower Upper
43 100
72 33.5 25.5 38.3

Manual Integrations
APPROVED

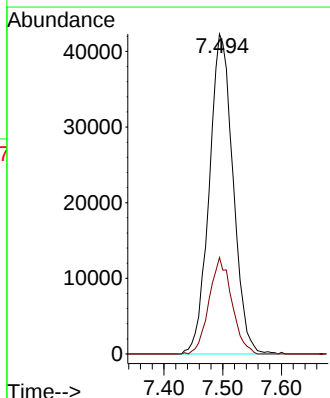
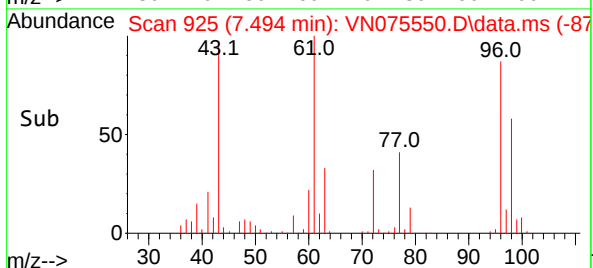
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

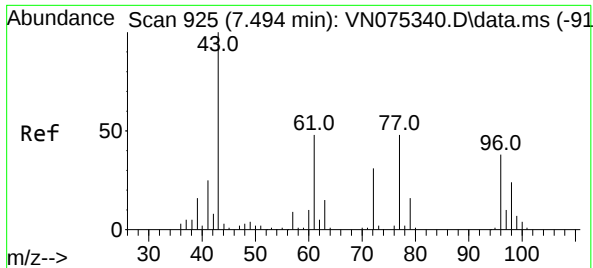


#26
2,2-Dichloropropane
Concen: 47.286 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28



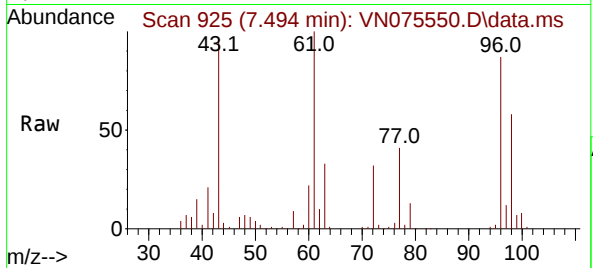
Tgt Ion: 77 Resp: 118972
Ion Ratio Lower Upper
77 100
97 28.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 129.543 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075550.D
 Acq: 02 Dec 2022 22:28

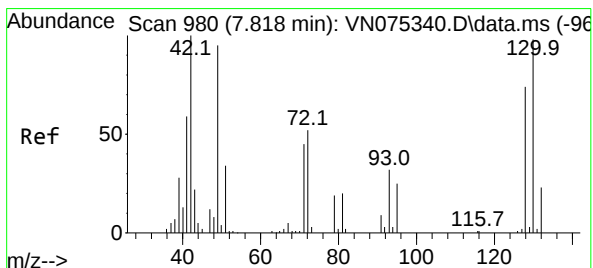
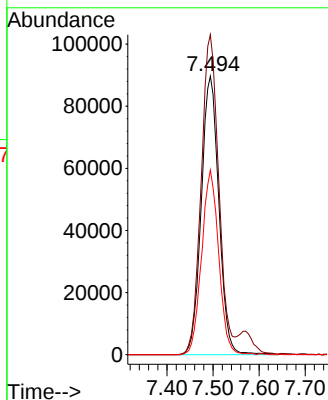
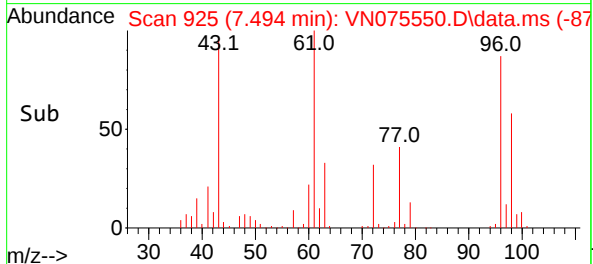
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 238520
 Ion Ratio Lower Upper
 96 100
 61 114.9 0.0 278.8
 98 64.3 0.0 128.4

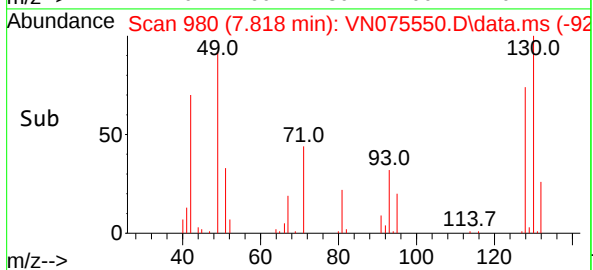
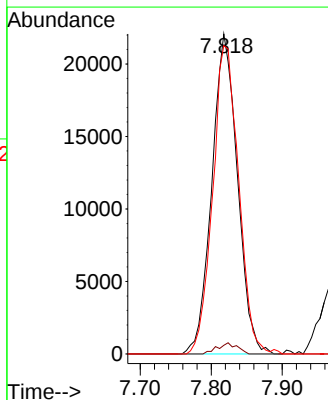
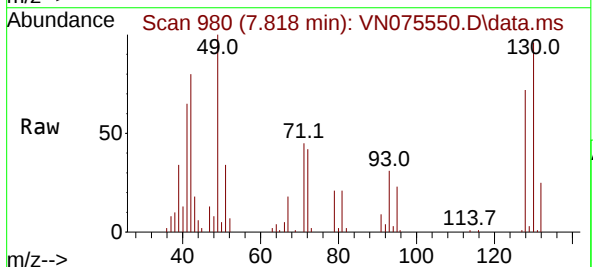
Manual Integrations
 APPROVED

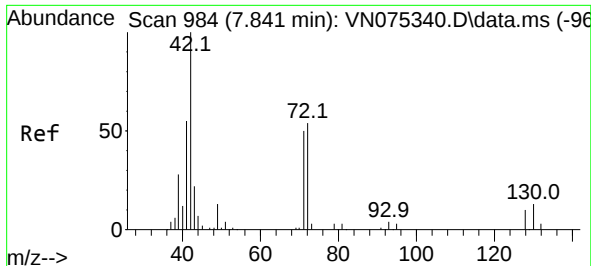
Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022



#28
 Bromochloromethane
 Concen: 50.209 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075550.D
 Acq: 02 Dec 2022 22:28

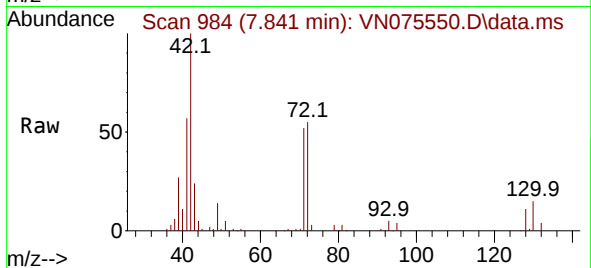
Tgt Ion: 49 Resp: 55174
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.6
 130 97.9 66.2 99.4





#29
Tetrahydrofuran
Concen: 263.366 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

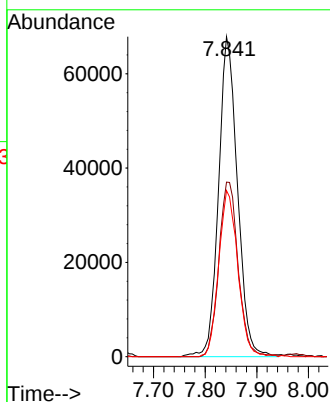
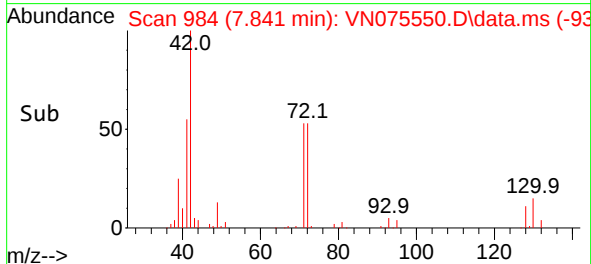
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



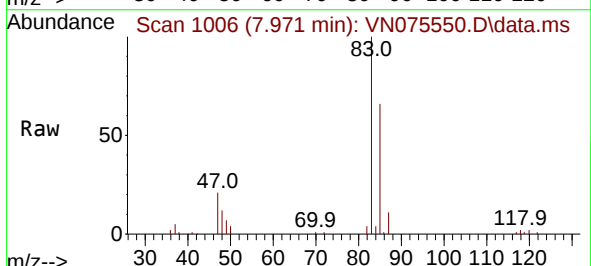
Tgt Ion: 42 Resp: 17278
Ion Ratio Lower Upper
42 100
72 55.7 43.0 64.6
71 52.4 39.9 59.9

Manual Integrations
APPROVED

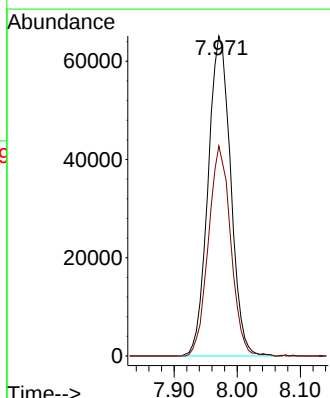
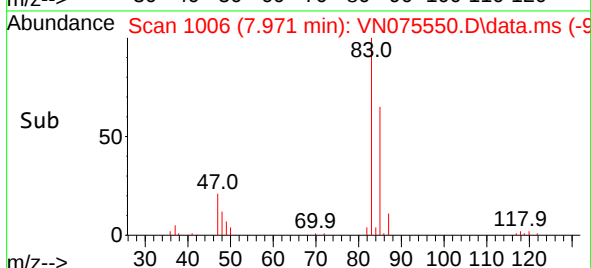
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

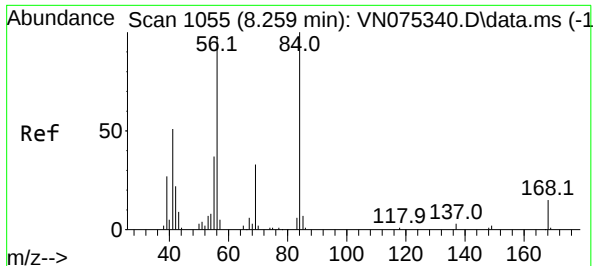


#30
Chloroform
Concen: 52.055 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28



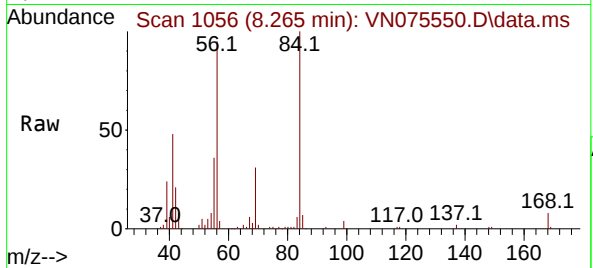
Tgt Ion: 83 Resp: 161833
Ion Ratio Lower Upper
83 100
85 65.6 51.4 77.0





#31
Cyclohexane
Concen: 47.928 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

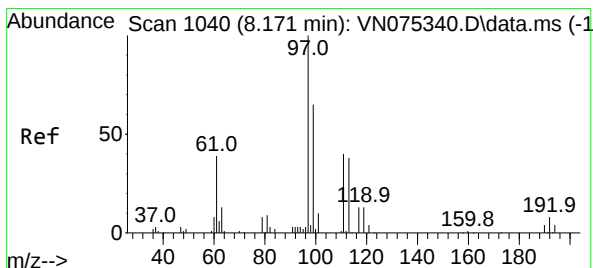
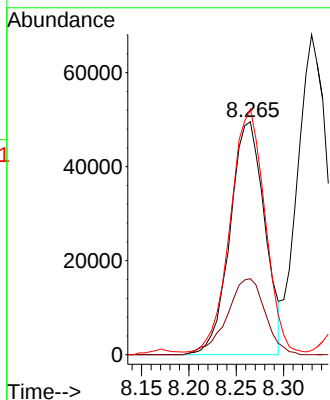
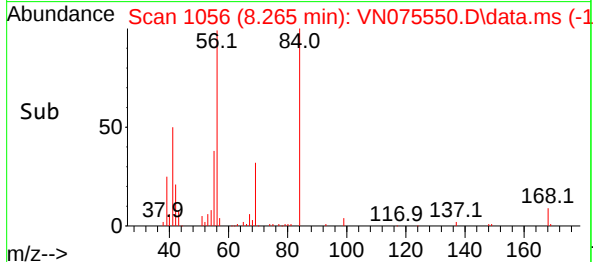
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 126119
Ion Ratio Lower Upper
56 100
69 32.7 25.2 37.8
84 104.3 77.8 116.8

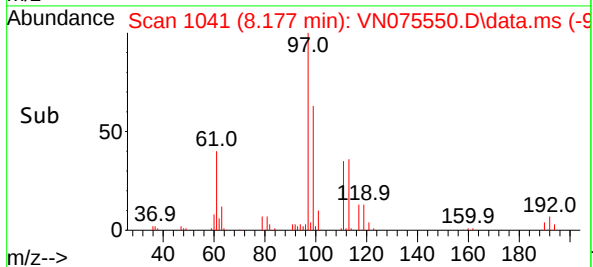
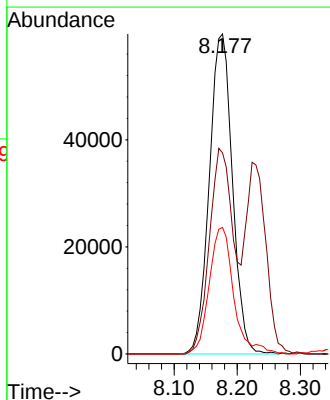
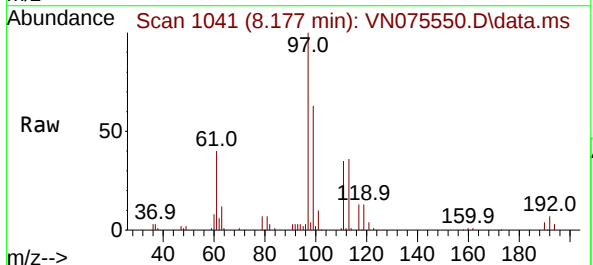
Manual Integrations
APPROVED

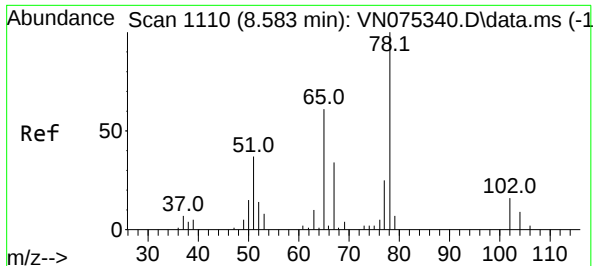
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#32
1,1,1-Trichloroethane
Concen: 53.786 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Tgt Ion: 97 Resp: 151826
Ion Ratio Lower Upper
97 100
99 67.5 50.2 75.2
61 41.9 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 49.475 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 4097

Ion Ratio Lower Upper

65 100

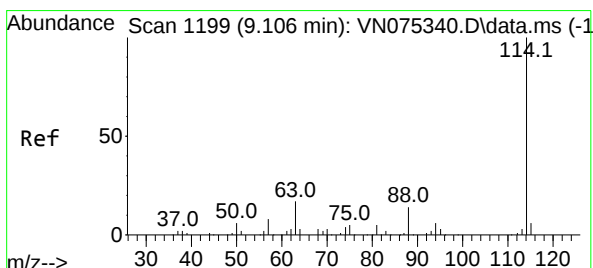
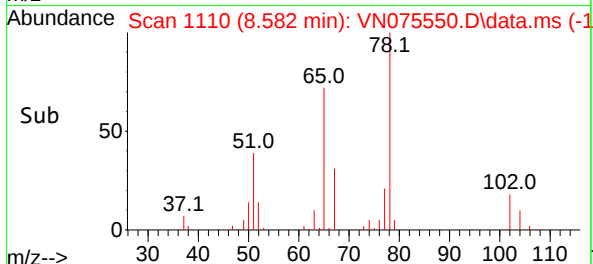
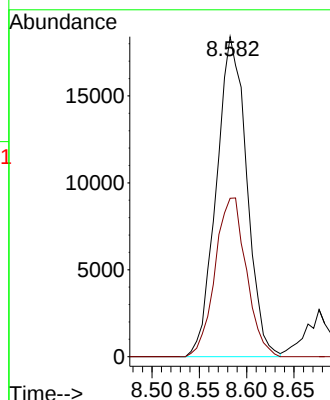
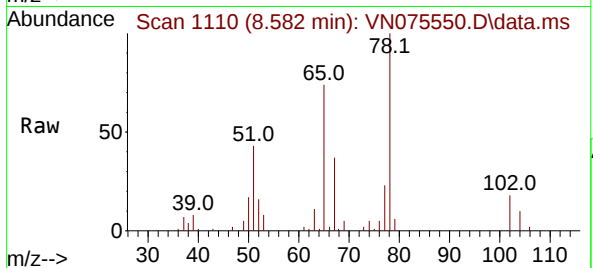
67 51.1 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

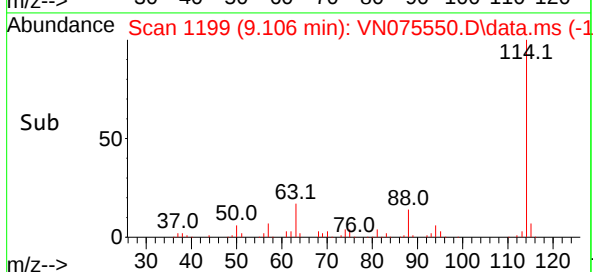
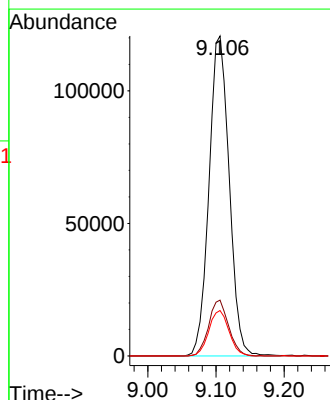
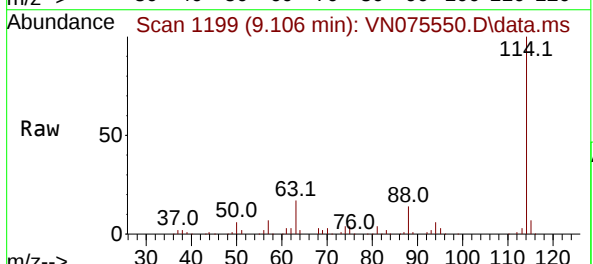
Tgt Ion:114 Resp: 248630

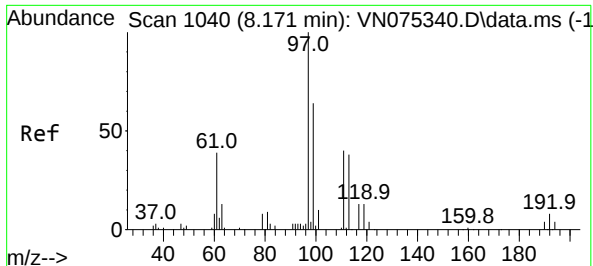
Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.685 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 52434

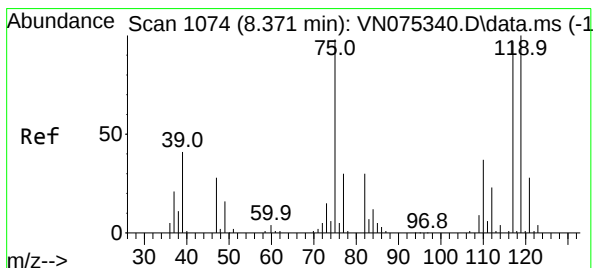
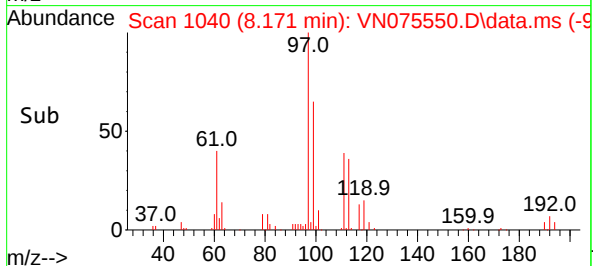
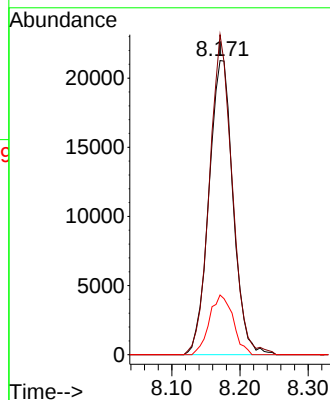
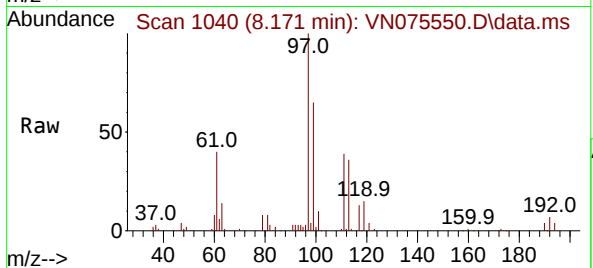
Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.5	120.7
192	19.9	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#36

1,1-Dichloropropene

Concen: 54.109 ug/l

RT: 8.377 min Scan# 1075

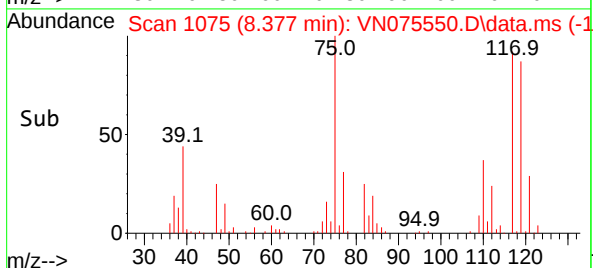
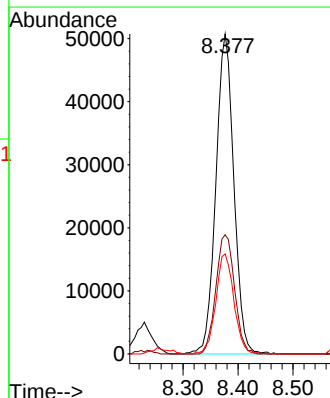
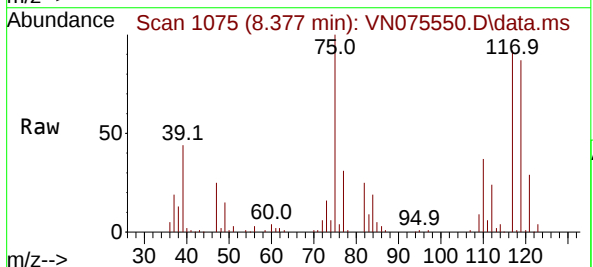
Delta R.T. 0.006 min

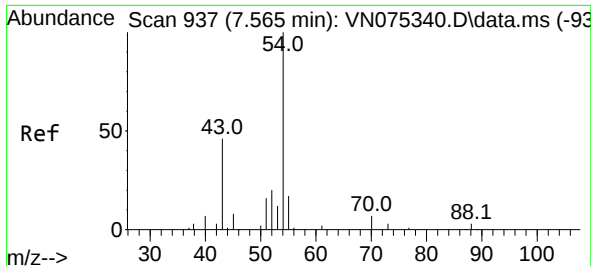
Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

Tgt Ion: 75 Resp: 115250

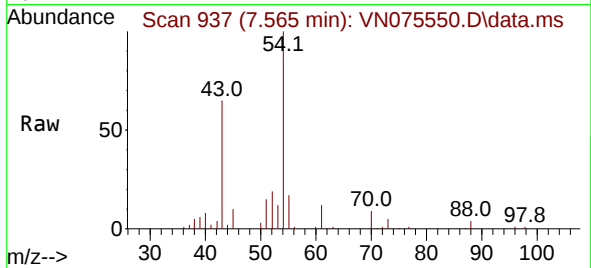
Ion	Ratio	Lower	Upper
75	100		
110	38.7	17.8	53.3
77	31.5	24.6	37.0





#37
Ethyl Acetate
Concen: 53.953 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

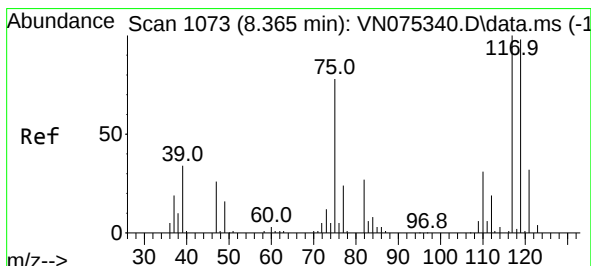
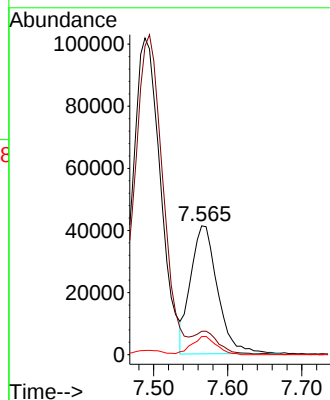
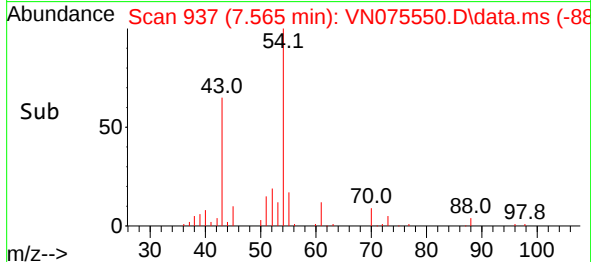
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 103475
Ion Ratio Lower Upper
43 100
61 14.5 12.2 18.4
70 13.0 9.4 14.2

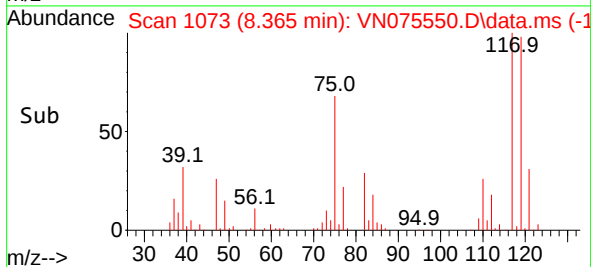
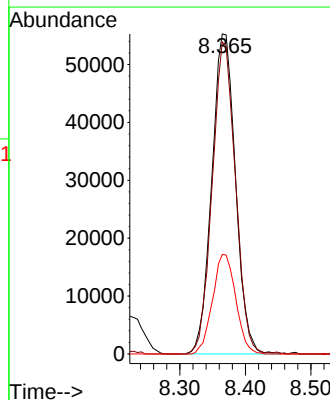
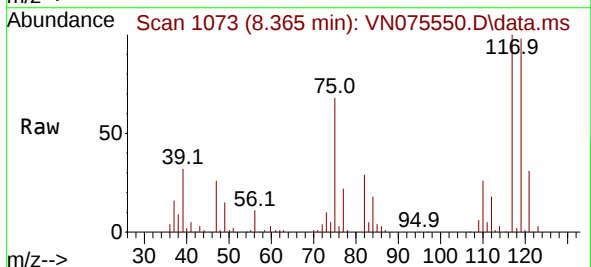
Manual Integrations
APPROVED

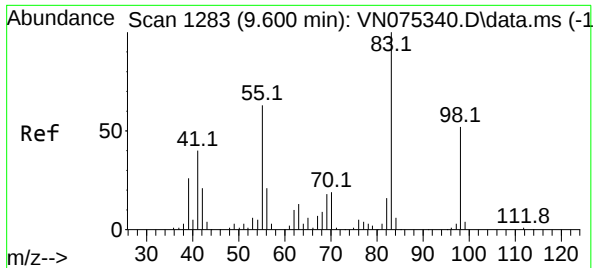
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#38
Carbon Tetrachloride
Concen: 59.091 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Tgt Ion:117 Resp: 138260
Ion Ratio Lower Upper
117 100
119 97.5 76.7 115.1
121 31.1 23.9 35.9





#39

Methylcyclohexane

Concen: 57.021 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 152000

Ion Ratio Lower Upper

83 100

55 61.7 53.6 80.4

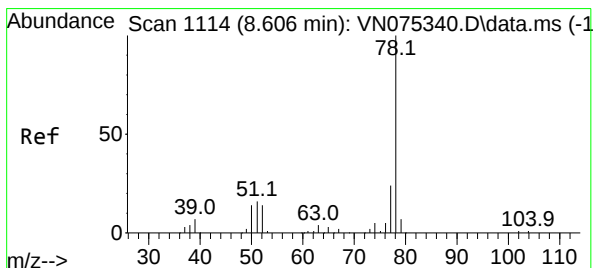
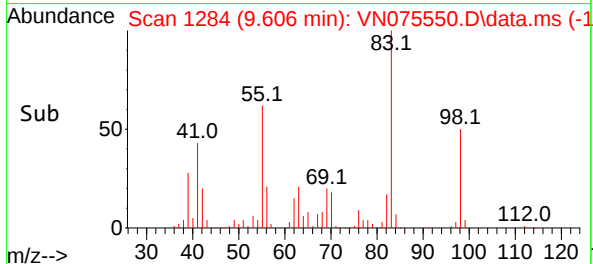
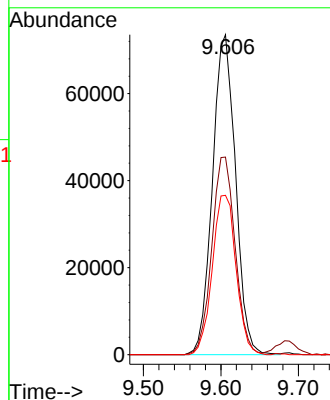
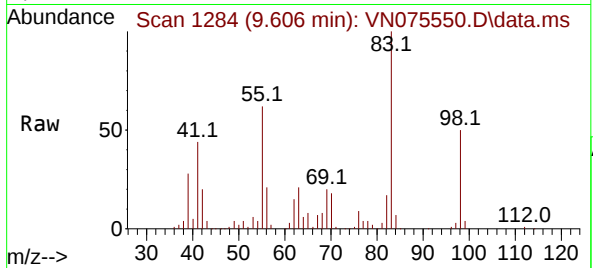
98 49.8 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#40

Benzene

Concen: 54.289 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075550.D

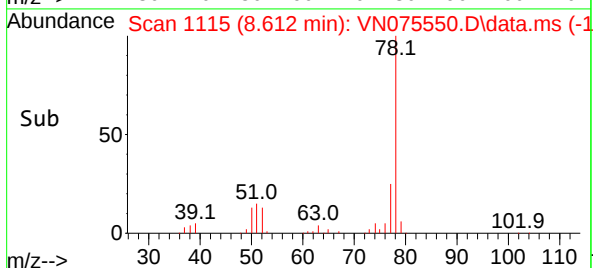
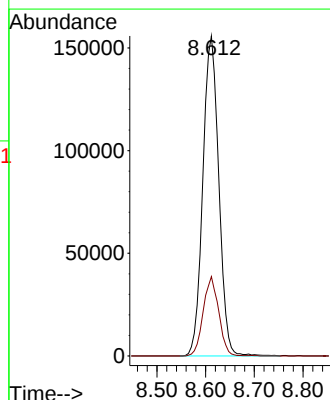
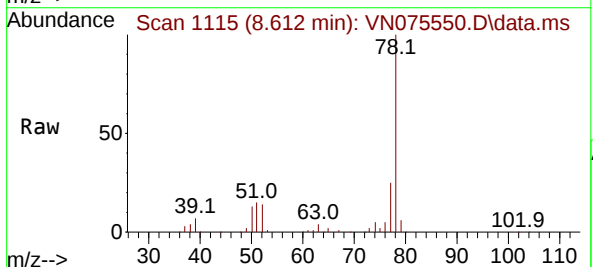
Acq: 02 Dec 2022 22:28

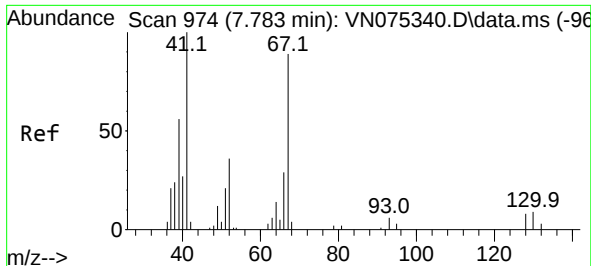
Tgt Ion: 78 Resp: 354035

Ion Ratio Lower Upper

78 100

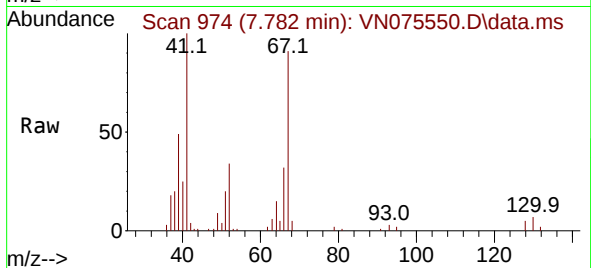
77 24.8 19.4 29.0





#41
Methacrylonitrile
Concen: 57.099 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

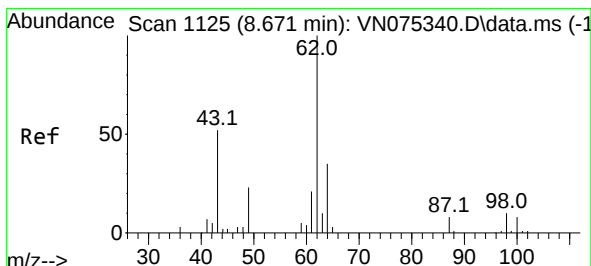
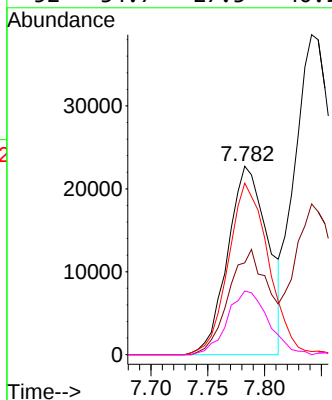
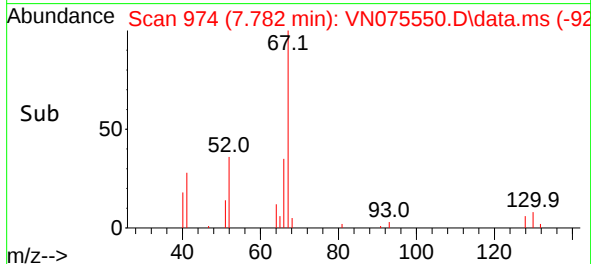
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



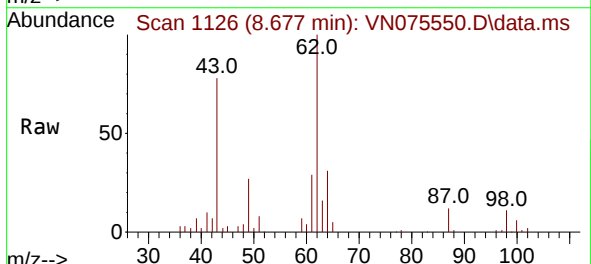
Tgt Ion: 41 Resp: 5598
Ion Ratio Lower Upper
41 100
39 55.1 44.4 66.6
67 91.6 69.8 104.6
52 34.7 27.3 40.9

Manual Integrations
APPROVED

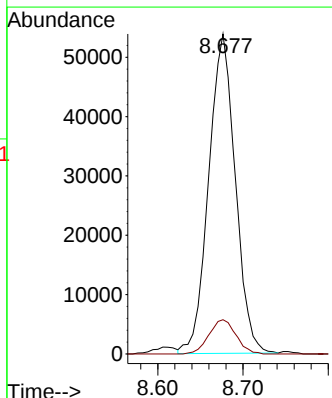
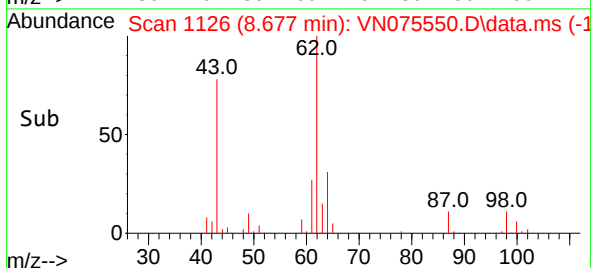
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

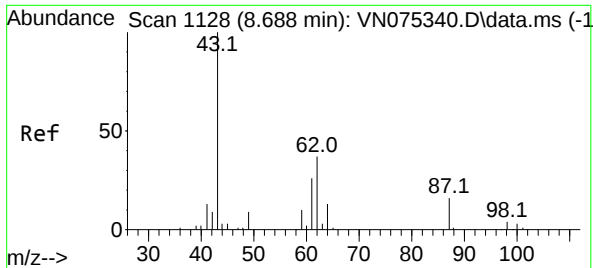


#42
1,2-Dichloroethane
Concen: 53.478 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28



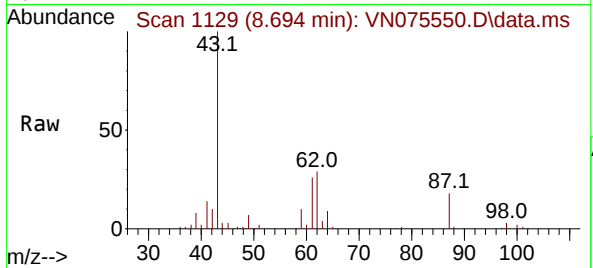
Tgt Ion: 62 Resp: 116799
Ion Ratio Lower Upper
62 100
98 10.9 0.0 18.2





#43
Isopropyl Acetate
Concen: 56.067 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

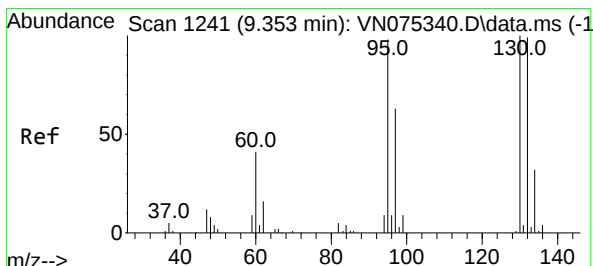
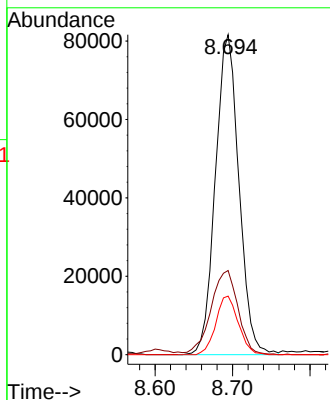
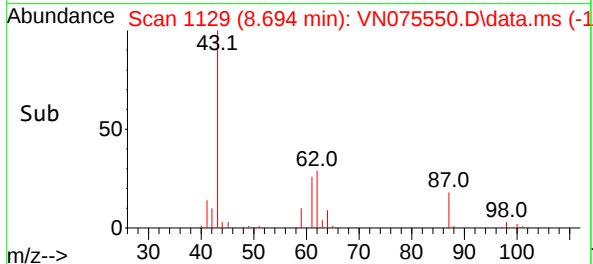
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



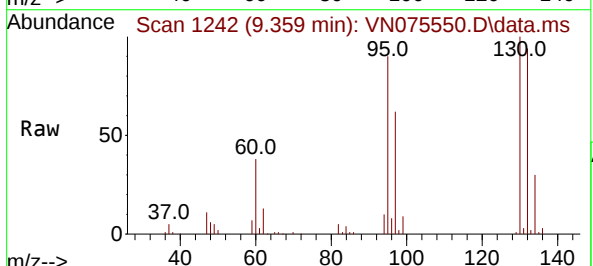
Tgt Ion: 43 Resp: 17259
Ion Ratio Lower Upper
43 100
61 30.3 22.4 33.6
87 17.5 12.5 18.7

Manual Integrations
APPROVED

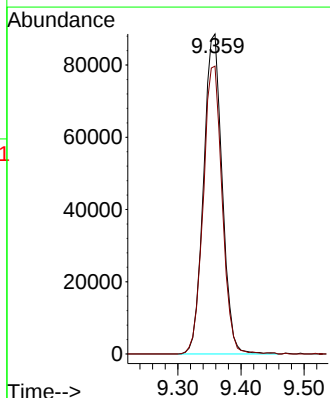
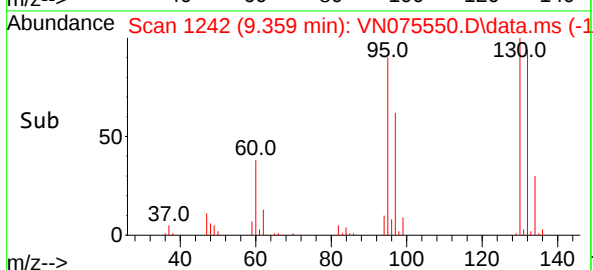
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#44
Trichloroethene
Concen: 101.507 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28



Tgt Ion:130 Resp: 181127
Ion Ratio Lower Upper
130 100
95 90.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 54.636 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 84908

Ion Ratio Lower Upper

63 100

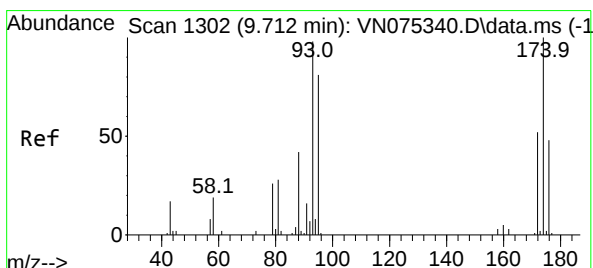
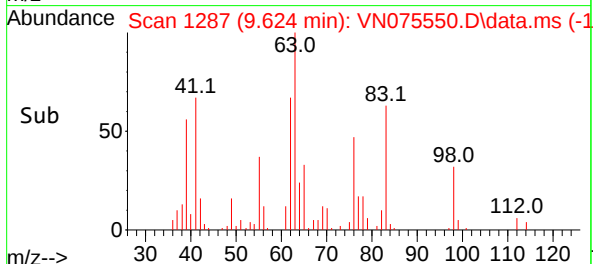
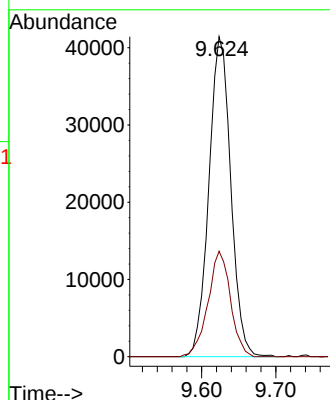
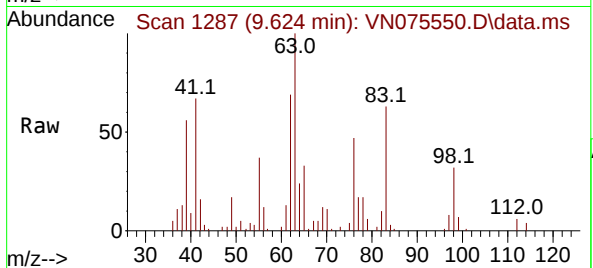
65 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#46

Dibromomethane

Concen: 56.040 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

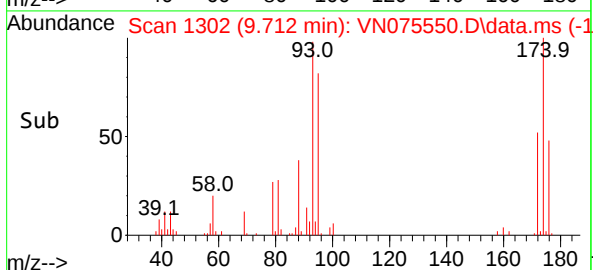
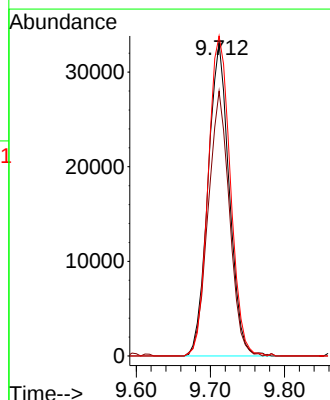
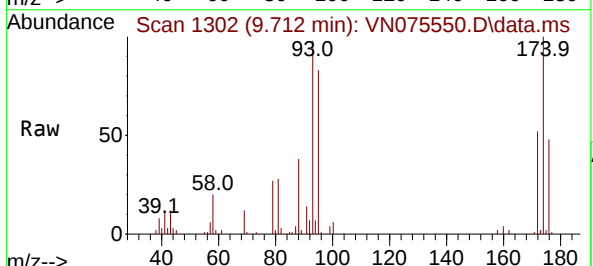
Tgt Ion: 93 Resp: 65872

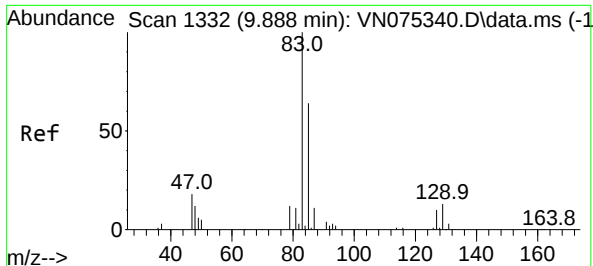
Ion Ratio Lower Upper

93 100

95 84.5 66.6 99.8

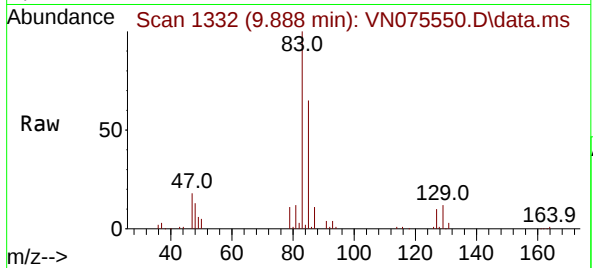
174 106.6 70.3 105.5#





#47
Bromodichloromethane
Concen: 57.645 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

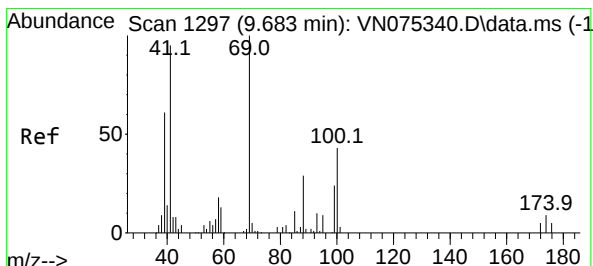
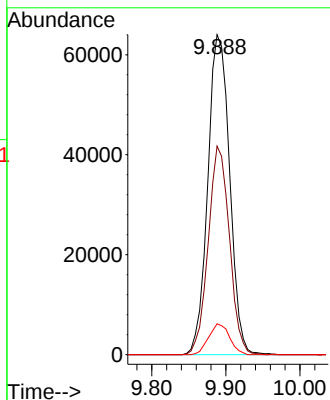
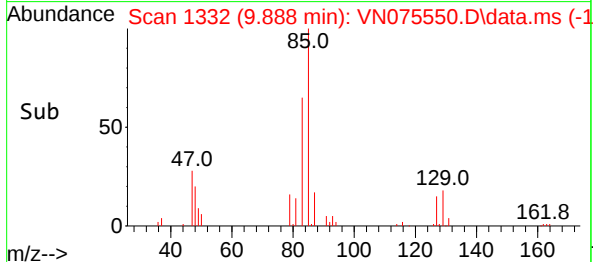
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



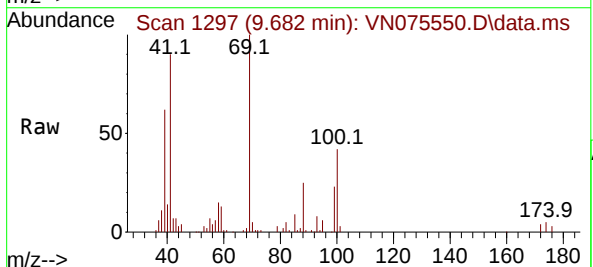
Tgt Ion: 83 Resp: 131218
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 9.6 6.6 10.0

Manual Integrations
APPROVED

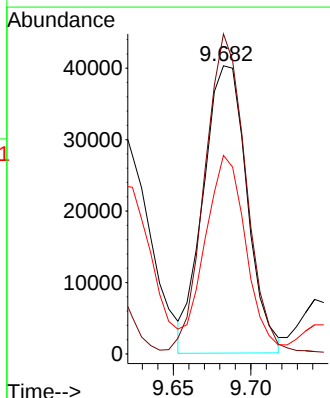
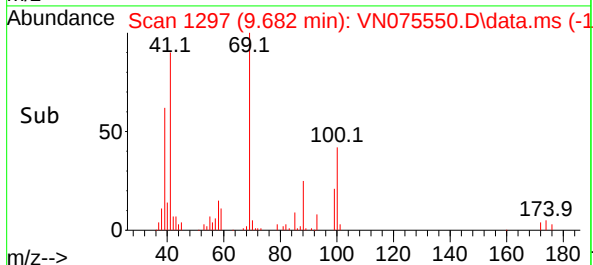
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

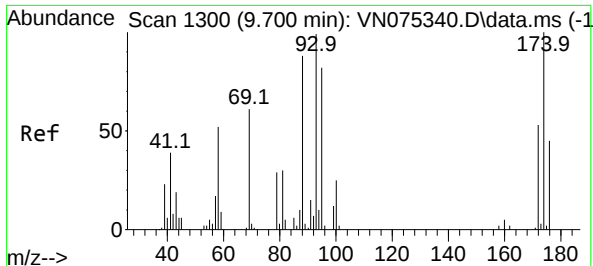


#48
Methyl methacrylate
Concen: 55.368 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28



Tgt Ion: 41 Resp: 78813
Ion Ratio Lower Upper
41 100
69 105.9 80.2 120.2
39 65.4 56.2 84.2





#49

1,4-Dioxane

Concen: 1072.253 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 43340

Ion Ratio Lower Upper

88 100

43 19.6 17.5 26.3

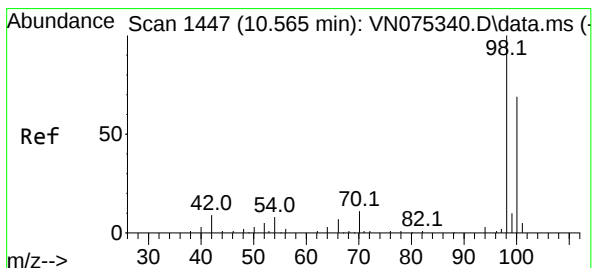
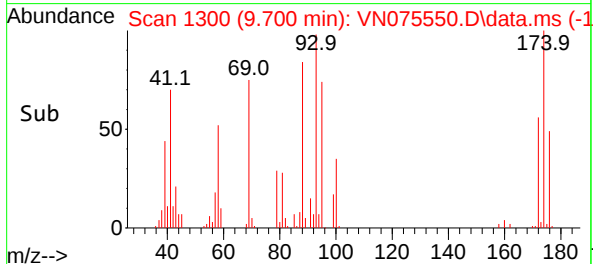
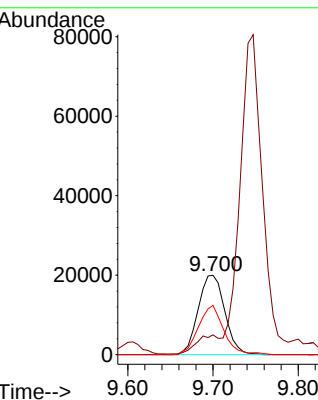
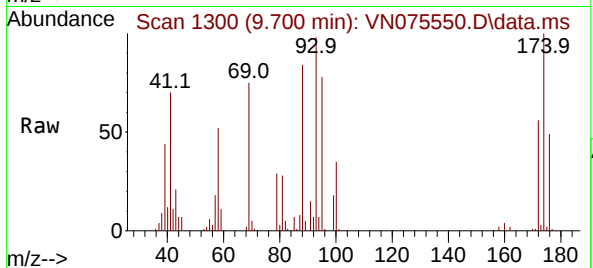
58 59.1 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#50

Toluene-d8

Concen: 52.209 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075550.D

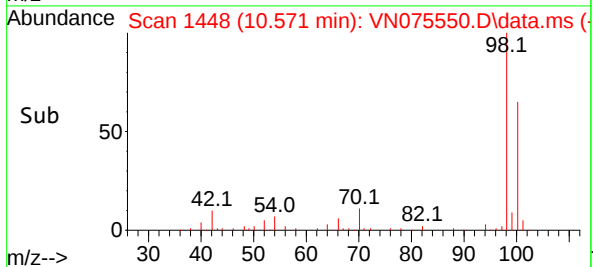
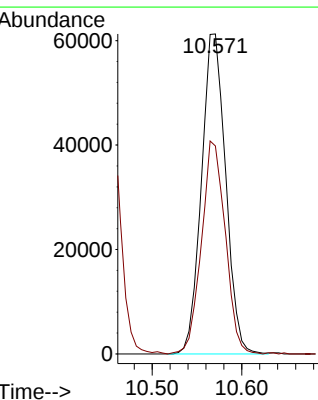
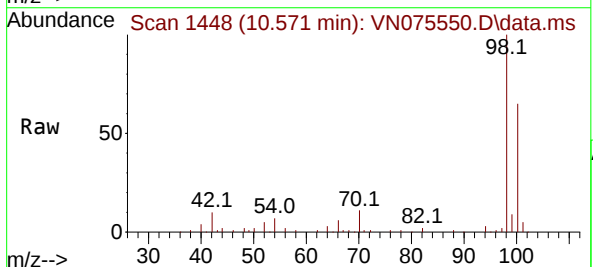
Acq: 02 Dec 2022 22:28

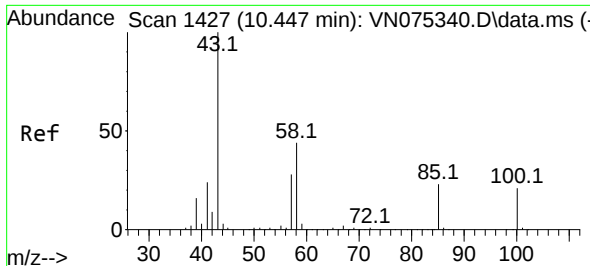
Tgt Ion: 98 Resp: 114850

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 280.022 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Instrument :

MSVOA_N

ClientSampleId :

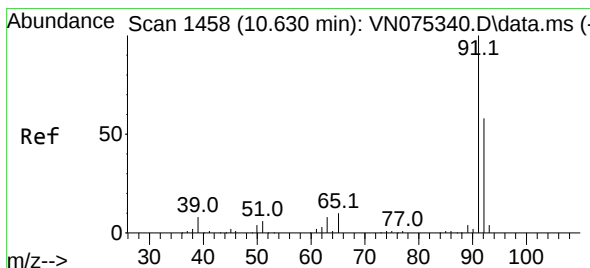
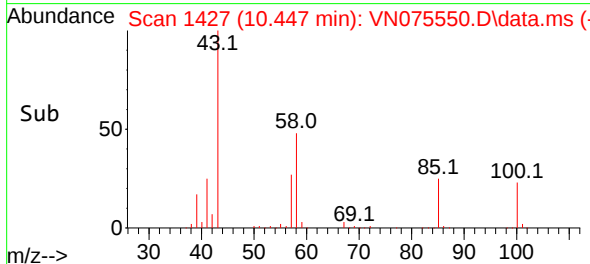
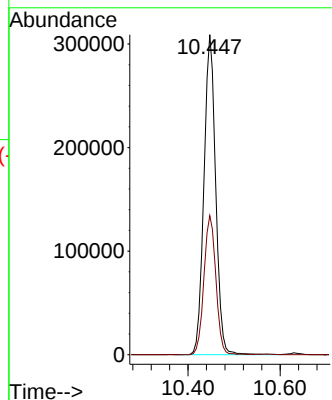
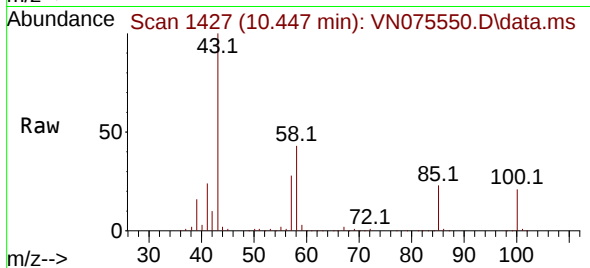
VSTDCCC050EC

Tgt Ion: 43 Resp: 549044
Ion Ratio Lower Upper
43 100
58 44.2 33.6 50.4

Manual Integrations

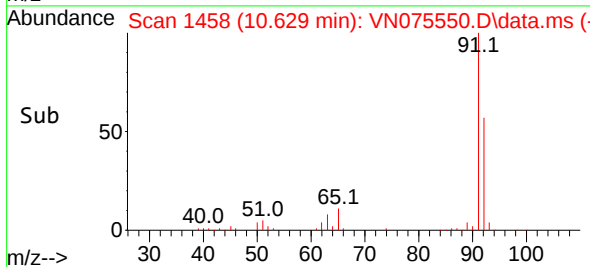
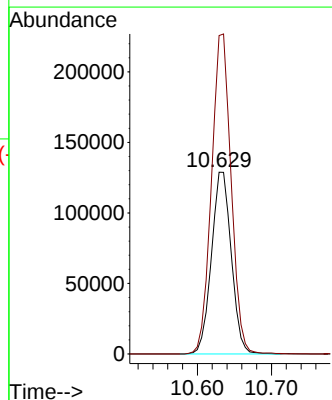
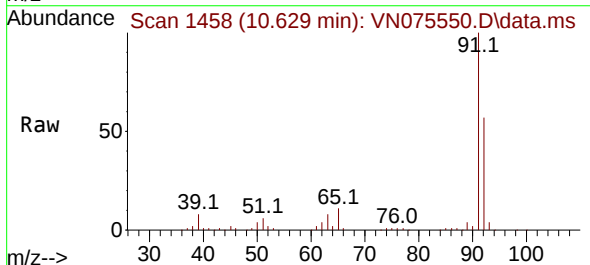
APPROVED

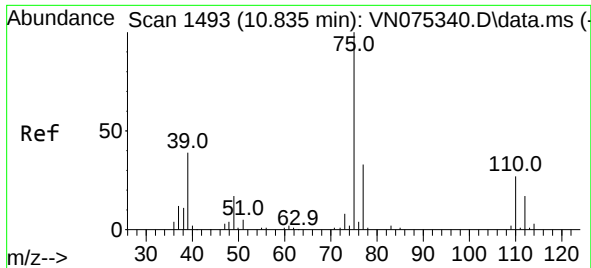
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#52
Toluene
Concen: 56.962 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Tgt Ion: 92 Resp: 239375
Ion Ratio Lower Upper
92 100
91 174.2 135.4 203.2





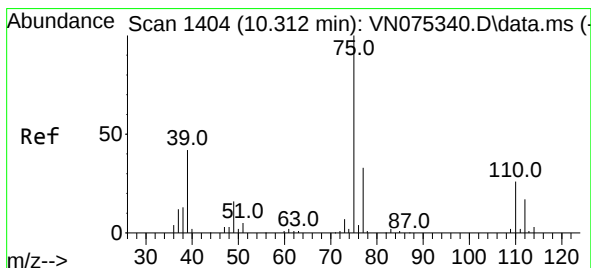
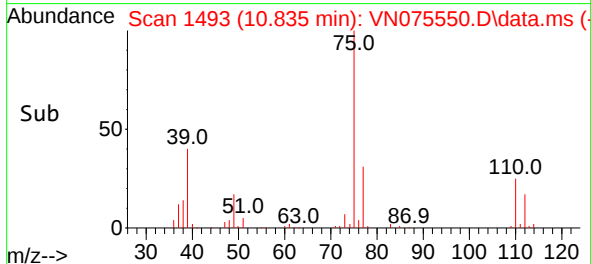
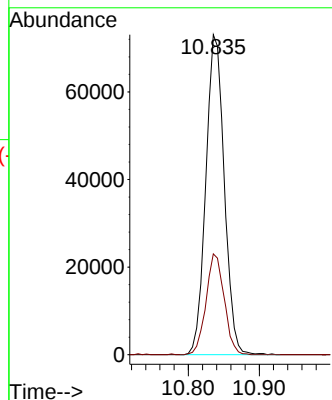
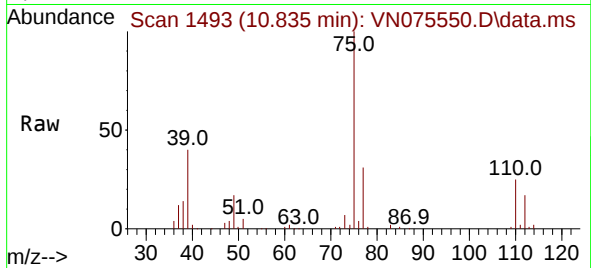
#53
t-1,3-Dichloropropene
Concen: 57.654 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 13175
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2

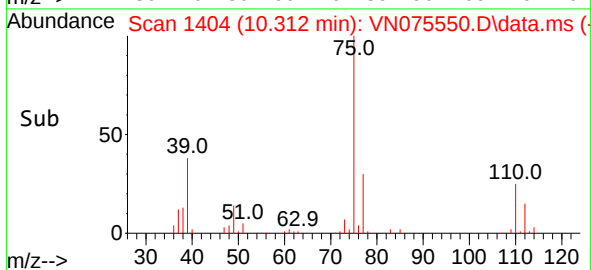
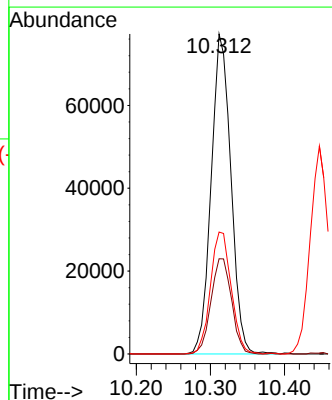
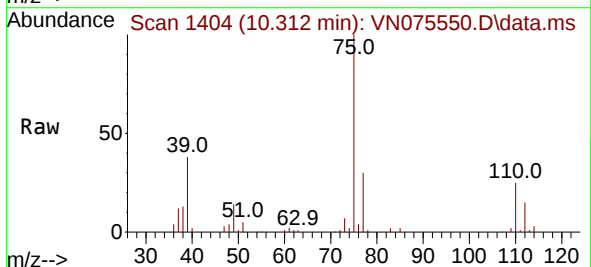
Manual Integrations
APPROVED

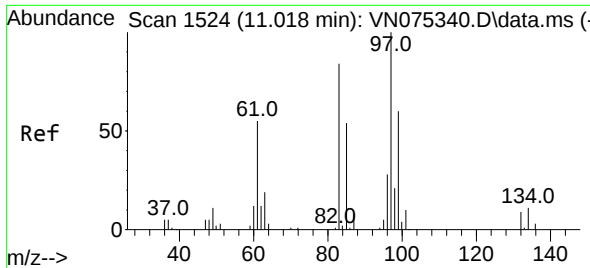
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#54
cis-1,3-Dichloropropene
Concen: 57.510 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

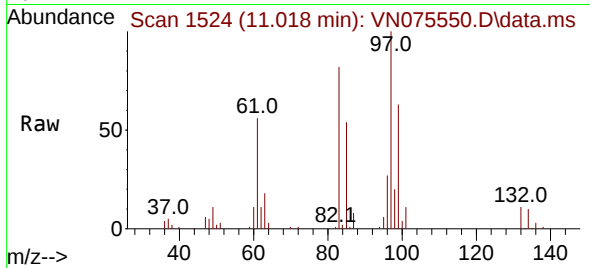
Tgt Ion: 75 Resp: 142740
Ion Ratio Lower Upper
75 100
77 29.7 23.7 35.5
39 38.1 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 55.922 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

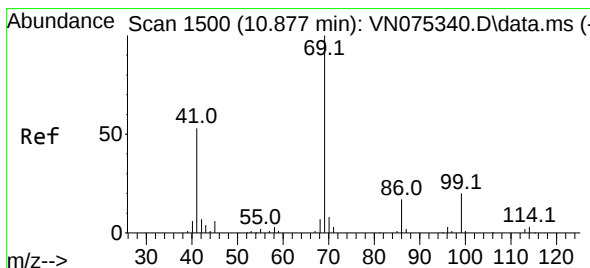
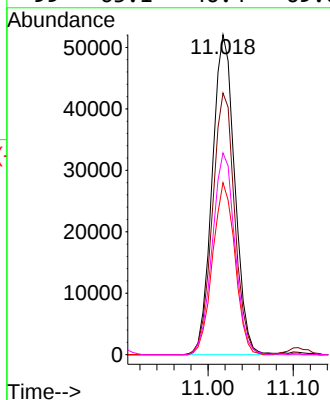
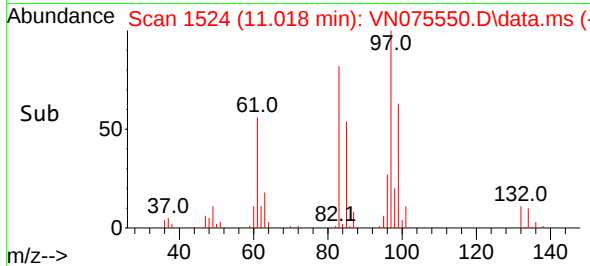
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



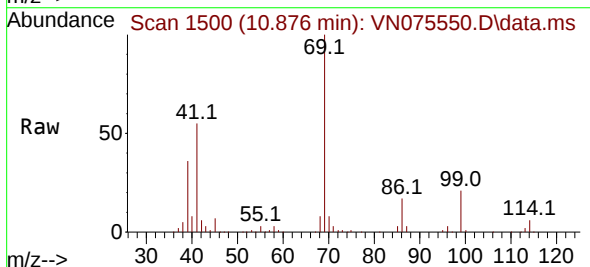
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.7	65.9	98.9
85	53.7	40.4	60.6
99	63.1	46.4	69.6

Manual Integrations
APPROVED

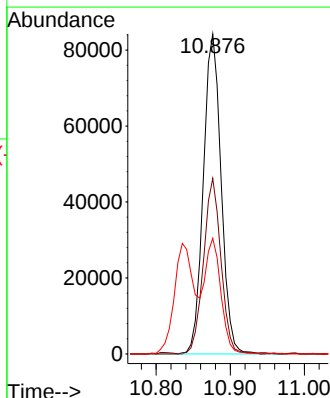
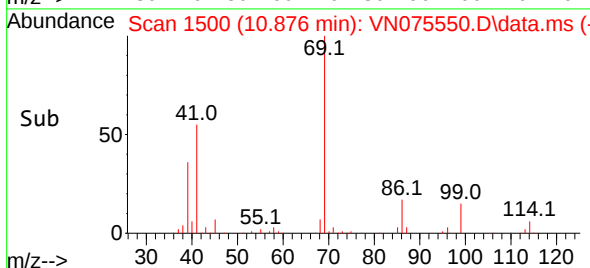
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

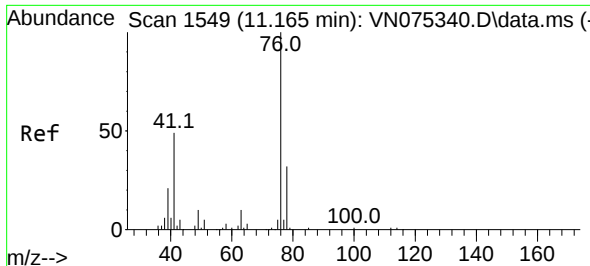


#56
Ethyl methacrylate
Concen: 60.791 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28



Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.0	45.6	68.4
39	32.3	28.5	42.7





#57

1,3-Dichloropropane

Concen: 54.615 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 15242

Ion Ratio Lower Upper

76 100

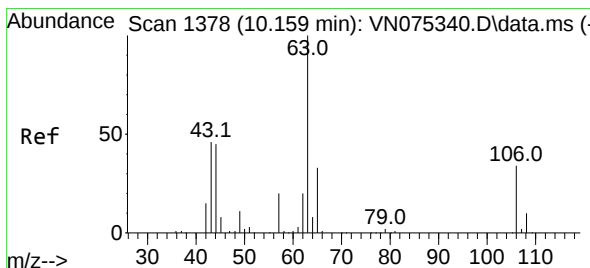
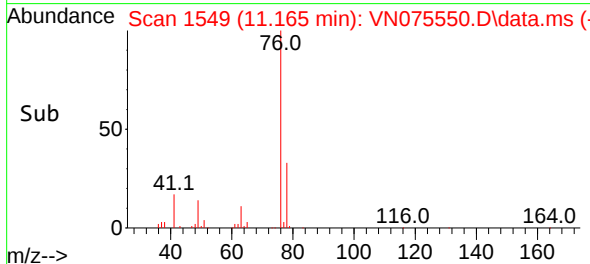
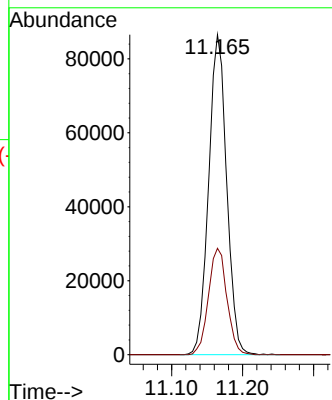
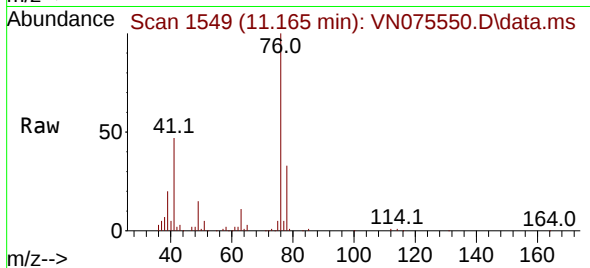
78 34.1 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 252.608 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075550.D

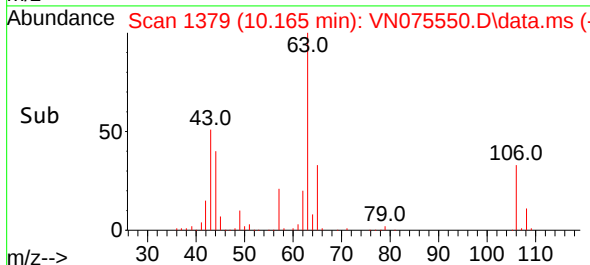
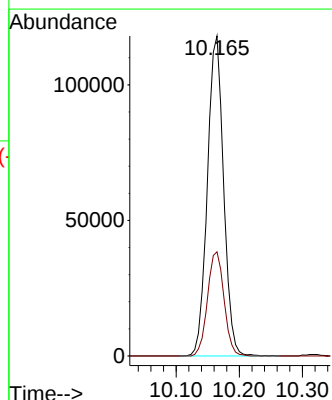
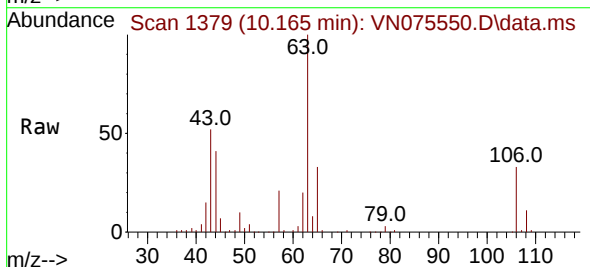
Acq: 02 Dec 2022 22:28

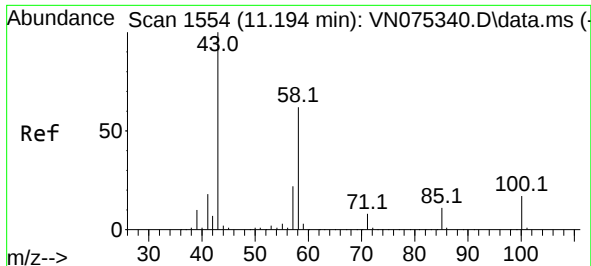
Tgt Ion: 63 Resp: 210586

Ion Ratio Lower Upper

63 100

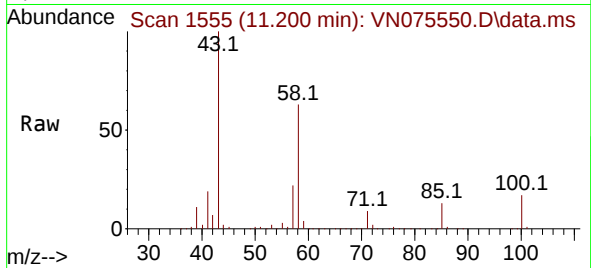
106 33.1 24.8 37.2





#59
2-Hexanone
Concen: 278.569 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

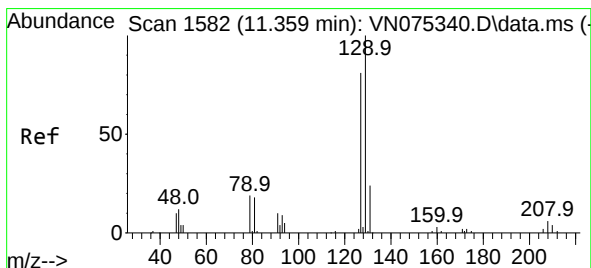
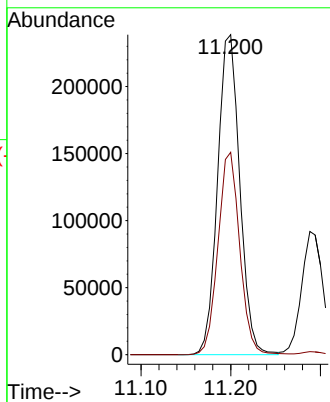
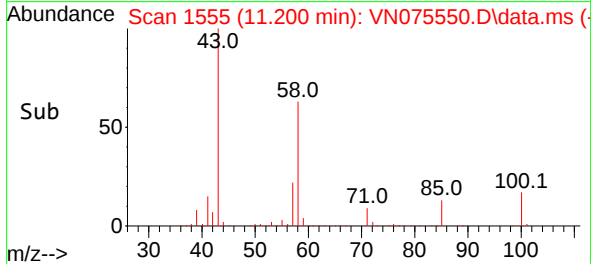
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 410139
Ion Ratio Lower Upper
43 100
58 62.0 29.6 88.8

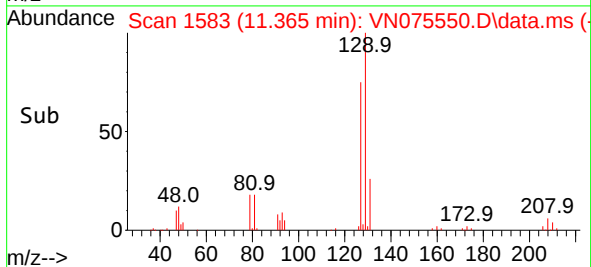
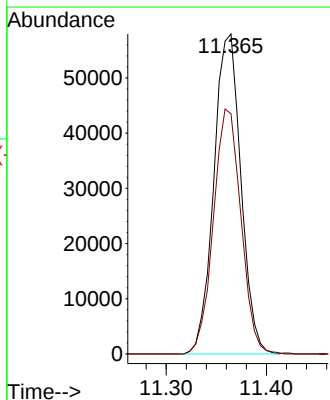
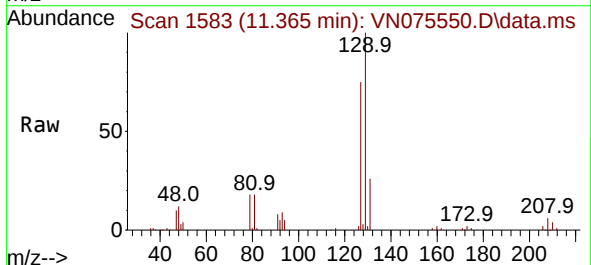
Manual Integrations
APPROVED

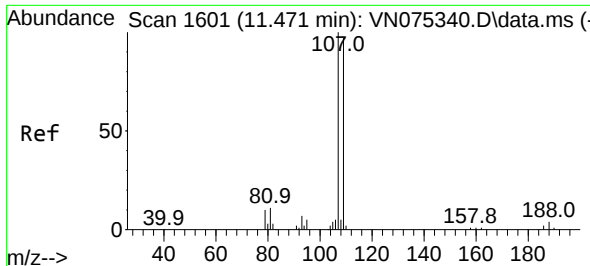
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#60
Dibromochloromethane
Concen: 61.951 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

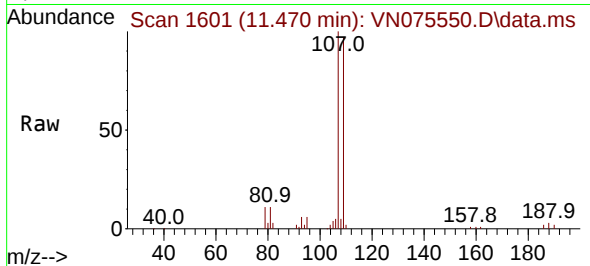
Tgt Ion:129 Resp: 108840
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 56.342 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

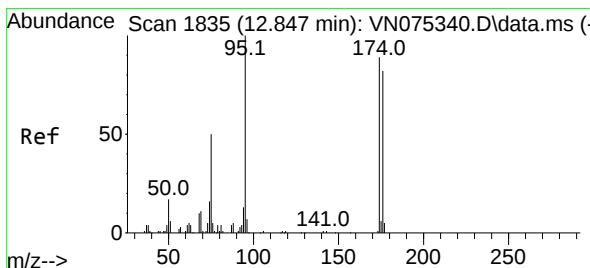
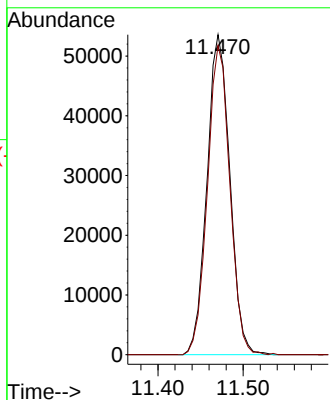
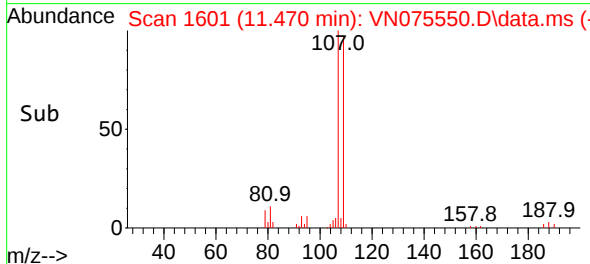
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



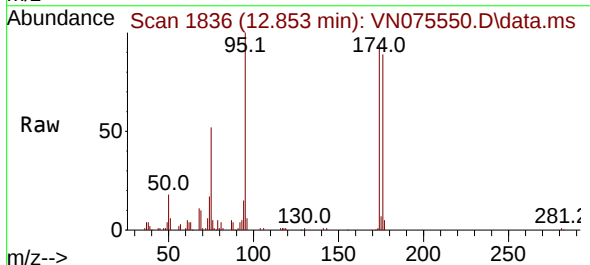
Tgt Ion:107 Resp: 100093
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4

Manual Integrations
APPROVED

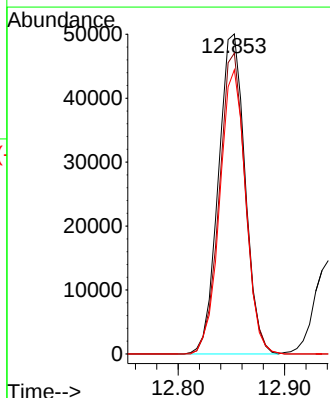
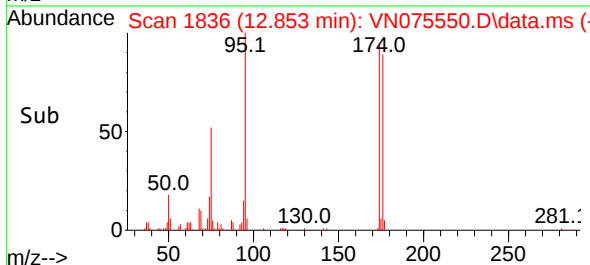
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

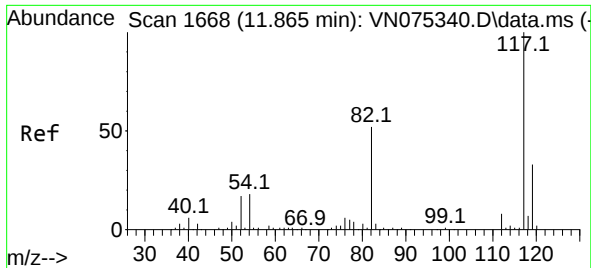


#62
4-Bromofluorobenzene
Concen: 53.596 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28



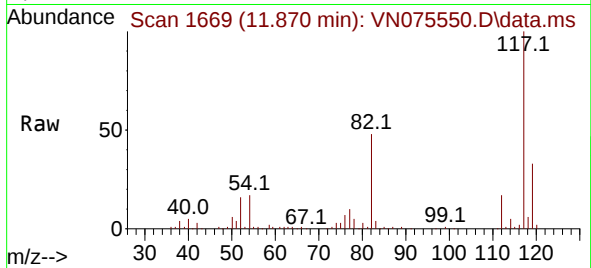
Tgt Ion: 95 Resp: 87023
Ion Ratio Lower Upper
95 100
174 91.1 0.0 147.4
176 86.3 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1668
Delta R.T. 0.005 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

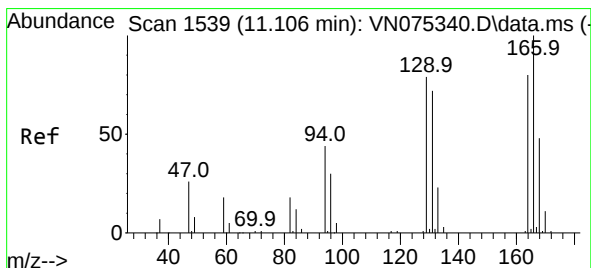
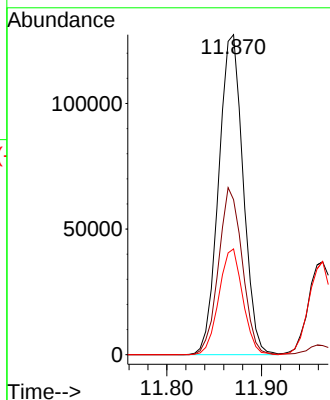
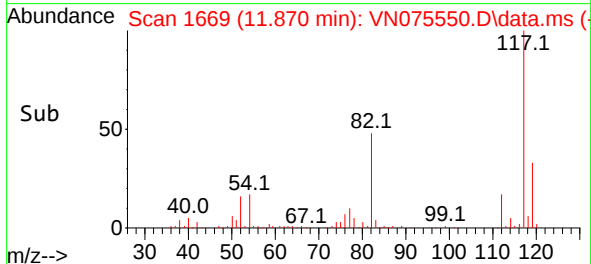
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



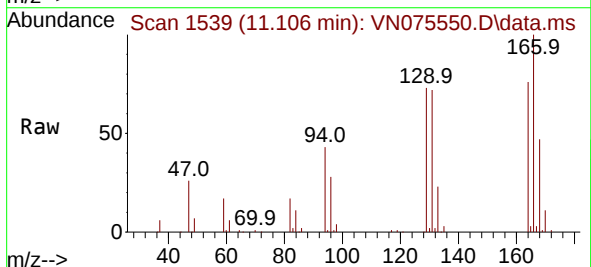
Tgt Ion:117 Resp: 22874
Ion Ratio Lower Upper
117 100
82 48.4 43.1 64.7
119 33.1 25.5 38.3

Manual Integrations
APPROVED

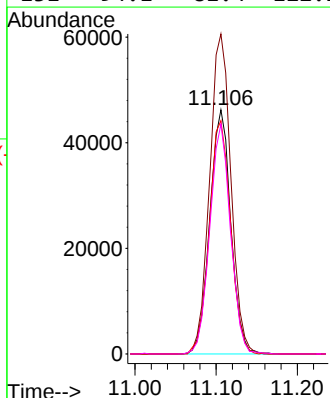
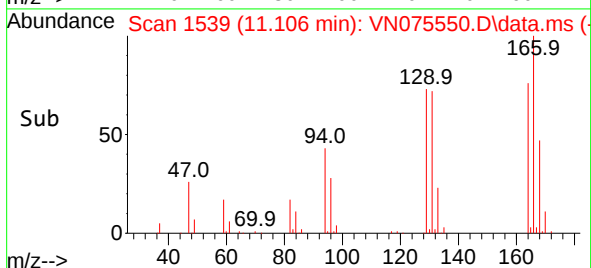
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

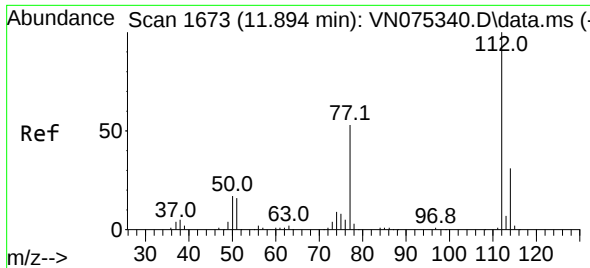


#64
Tetrachloroethene
Concen: 47.765 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28



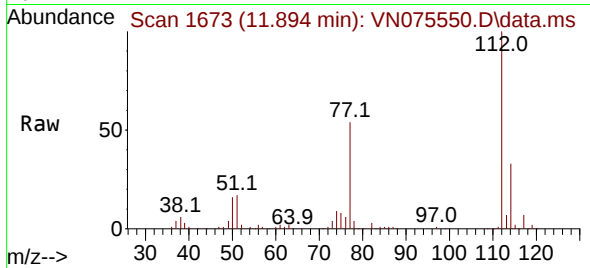
Tgt Ion:164 Resp: 83436
Ion Ratio Lower Upper
164 100
166 131.1 106.5 159.7
129 95.6 81.9 122.9
131 94.1 81.4 122.2





#65
Chlorobenzene
Concen: 54.512 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

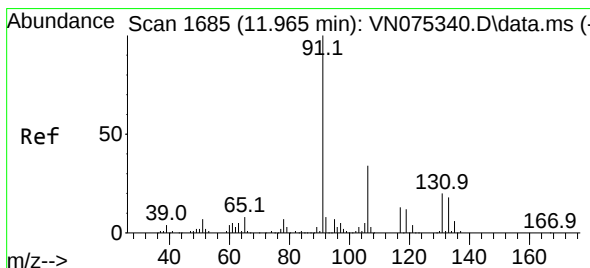
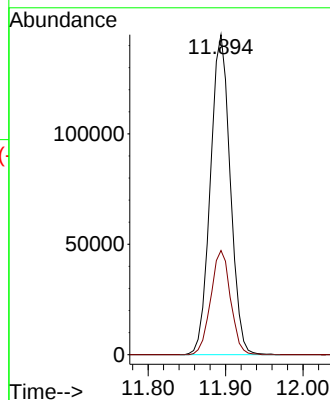
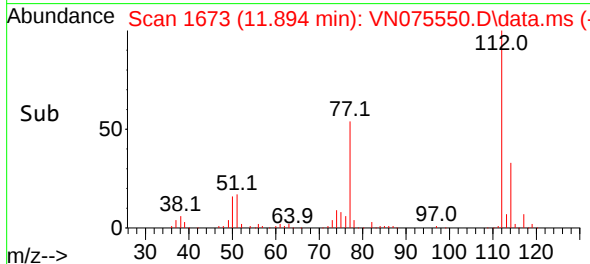
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



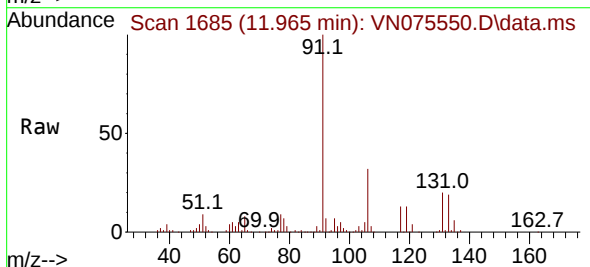
Tgt Ion:112 Resp: 25751
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

Manual Integrations
APPROVED

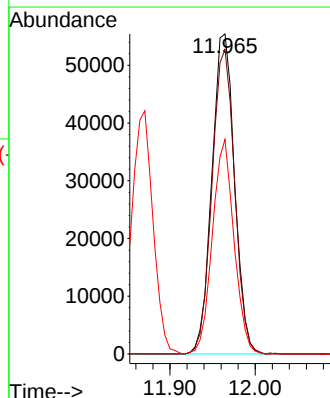
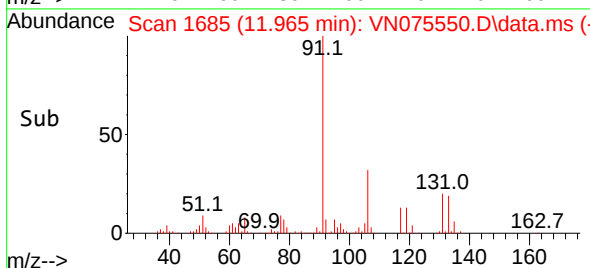
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 58.019 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28



Tgt Ion:131 Resp: 102292
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.4
119 63.9 33.0 99.0





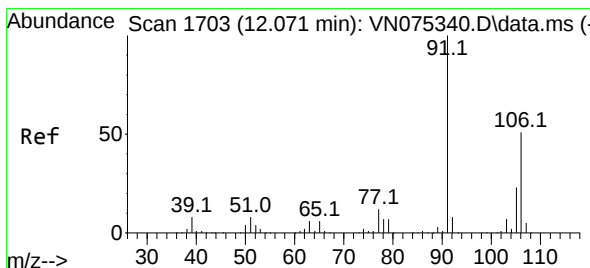
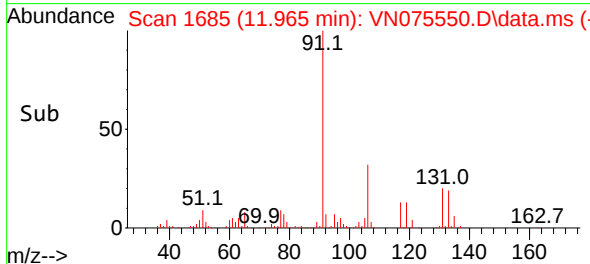
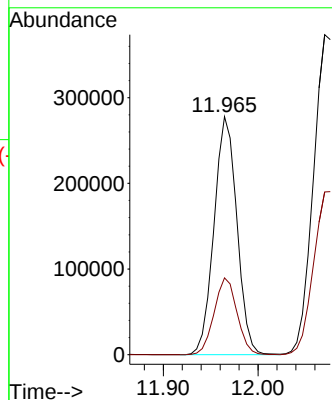
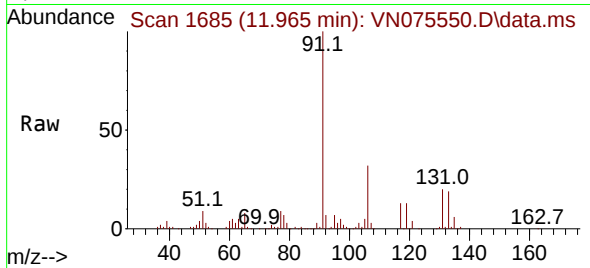
#67
Ethyl Benzene
Concen: 57.884 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 46650
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

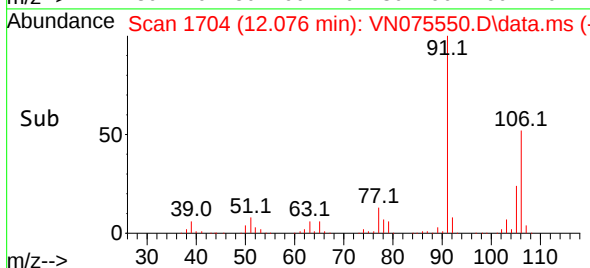
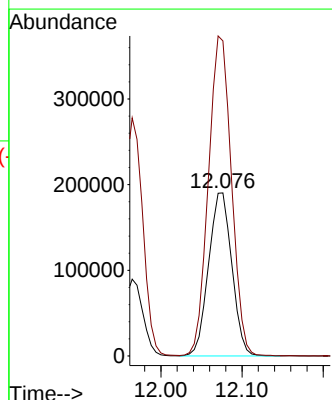
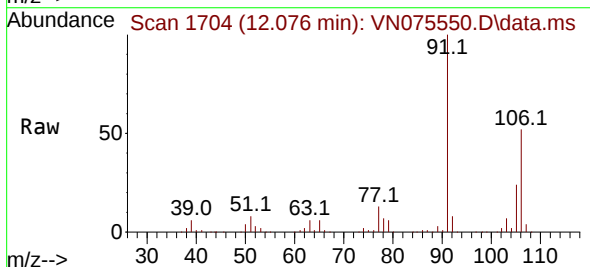
Manual Integrations
APPROVED

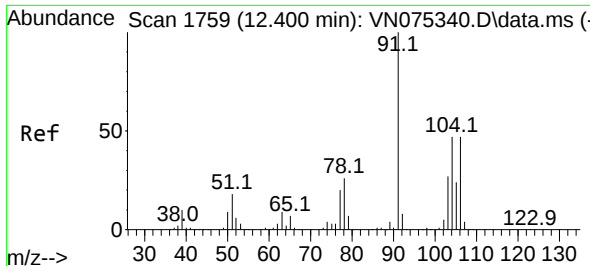
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#68
m/p-Xylenes
Concen: 115.692 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Tgt Ion:106 Resp: 378636
Ion Ratio Lower Upper
106 100
91 194.8 156.0 234.0





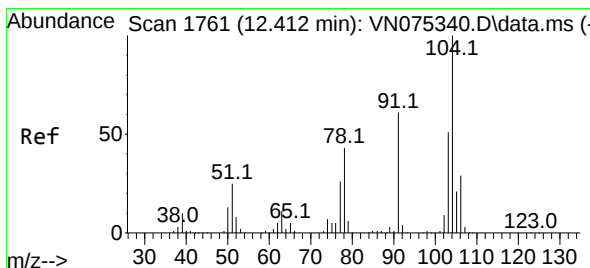
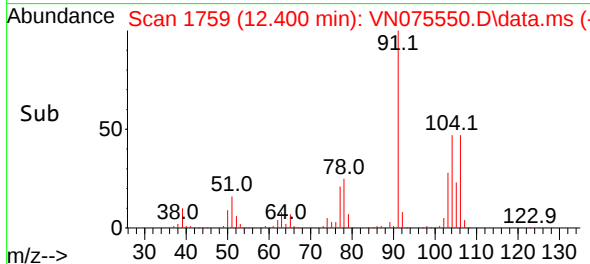
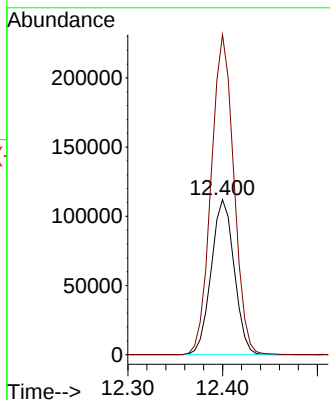
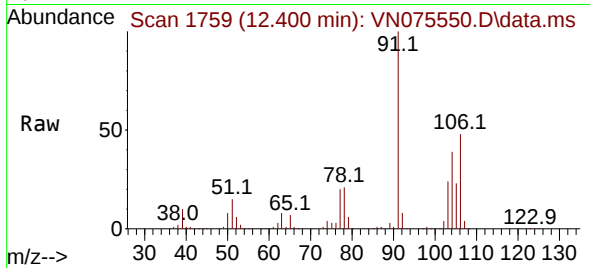
#69
o-Xylene
Concen: 58.098 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 18892
Ion Ratio Lower Upper
106 100
91 203.8 105.2 315.5

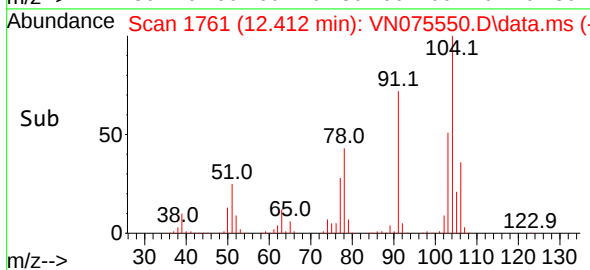
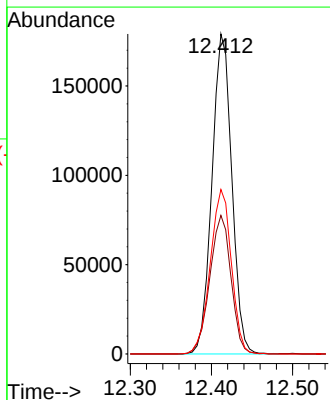
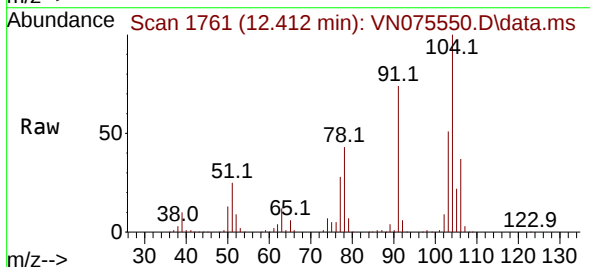
Manual Integrations
APPROVED

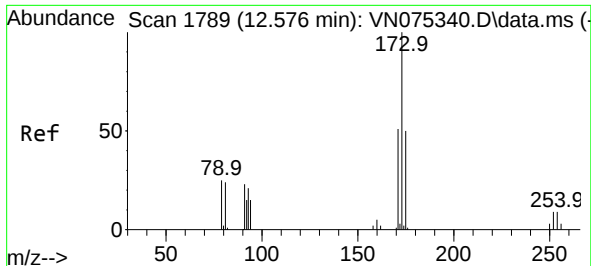
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#70
Styrene
Concen: 59.369 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

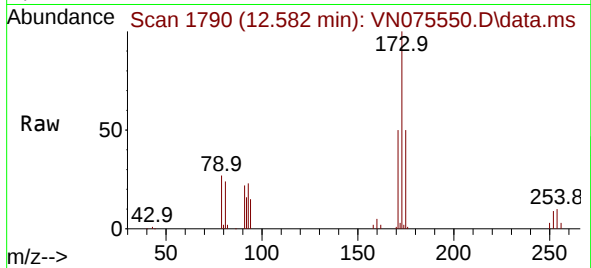
Tgt Ion:104 Resp: 304546
Ion Ratio Lower Upper
104 100
78 46.3 38.1 57.1
103 54.6 44.6 66.8





#71
Bromoform
Concen: 63.599 ug/l
RT: 12.582 min Scan# 1789
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

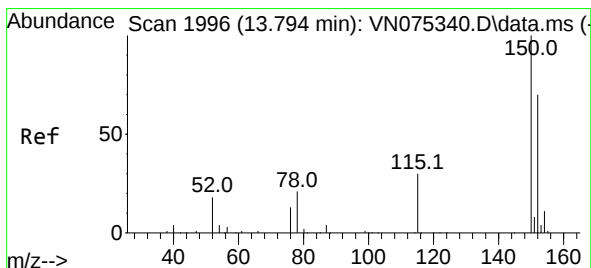
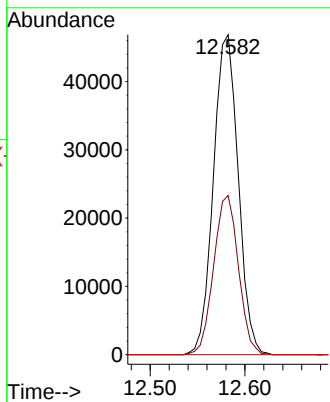
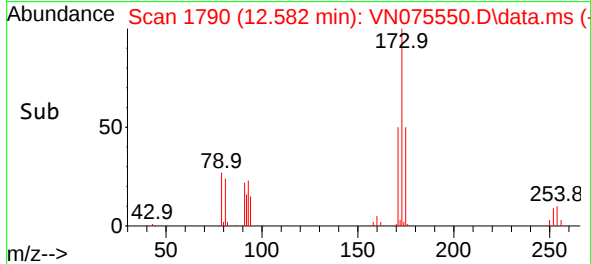
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 85340
Ion Ratio Lower Upper
173 100
175 49.7 24.6 74.0
254 0.0 0.0 0.0

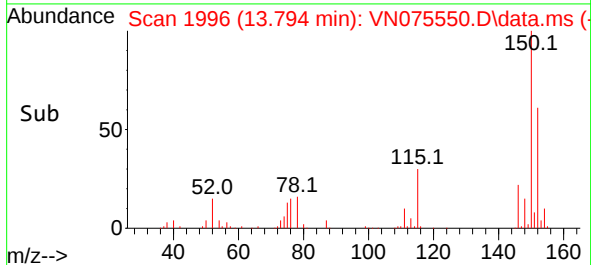
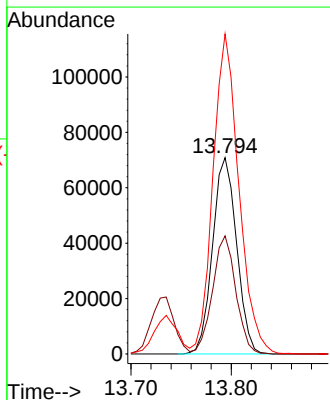
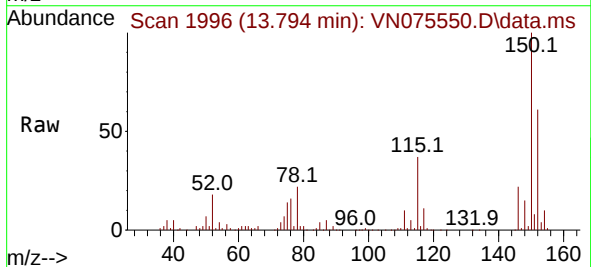
Manual Integrations
APPROVED

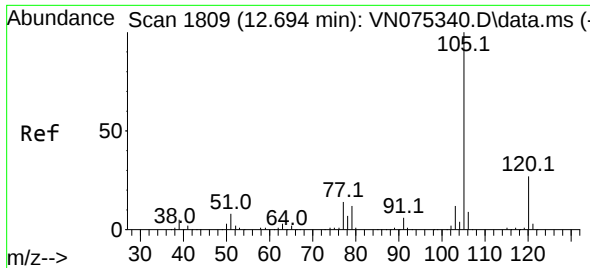
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Tgt Ion:152 Resp: 117964
Ion Ratio Lower Upper
152 100
115 58.4 30.2 90.6
150 175.2 0.0 348.4





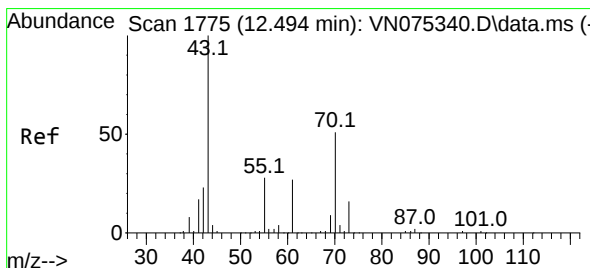
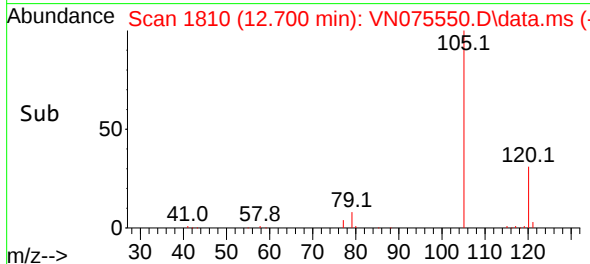
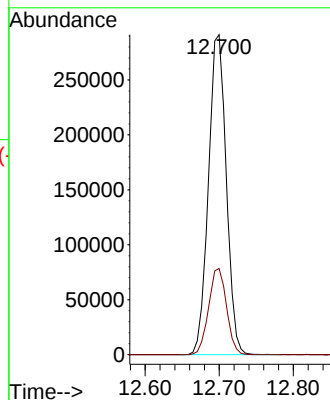
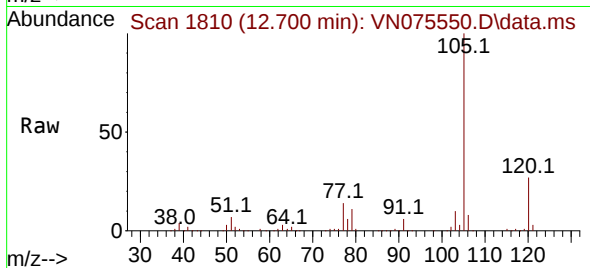
#73
Isopropylbenzene
Concen: 56.457 ug/l
RT: 12.700 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 48656
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1

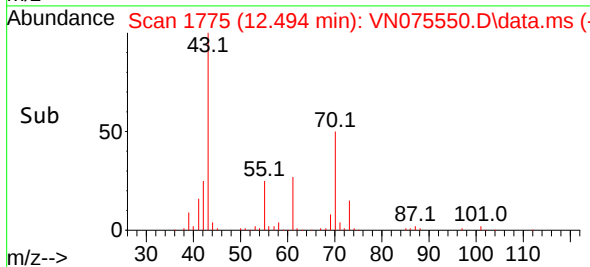
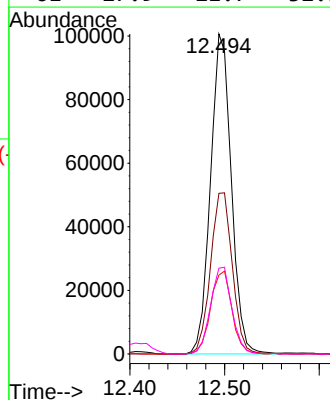
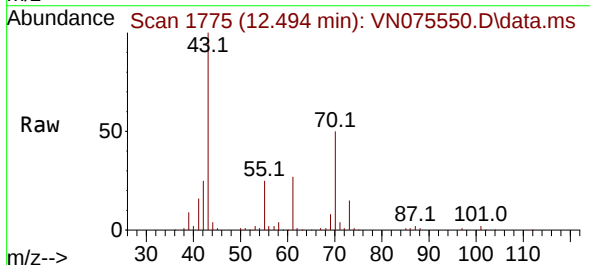
Manual Integrations
APPROVED

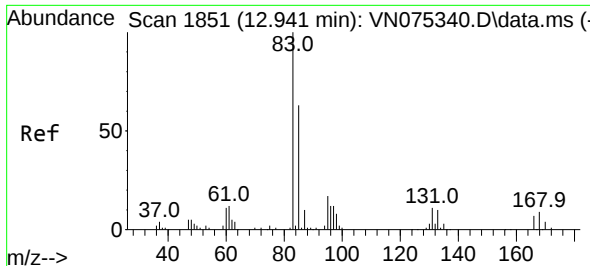
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#74
N-ethyl acetate
Concen: 57.920 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

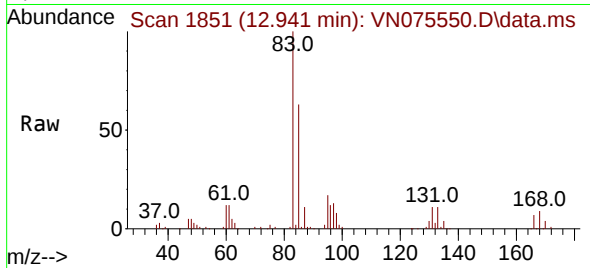
Tgt Ion: 43 Resp: 153465
Ion Ratio Lower Upper
43 100
70 52.8 39.8 59.8
55 26.5 19.9 29.9
61 27.9 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 55.841 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

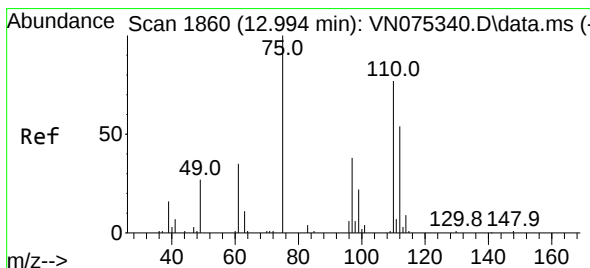
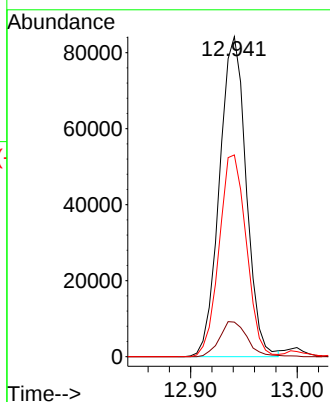
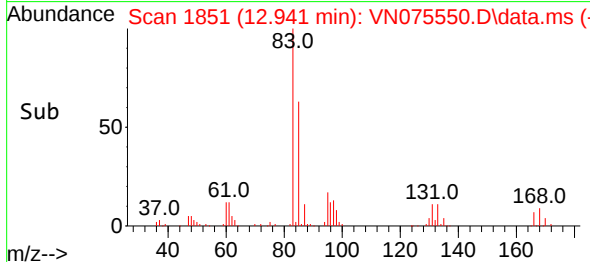
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC



Tgt Ion: 83 Resp: 146724
Ion Ratio Lower Upper
83 100
131 11.4 5.1 15.3
85 64.2 31.6 94.7

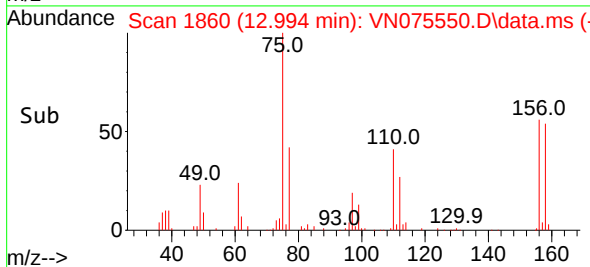
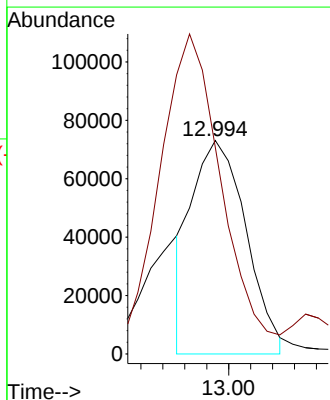
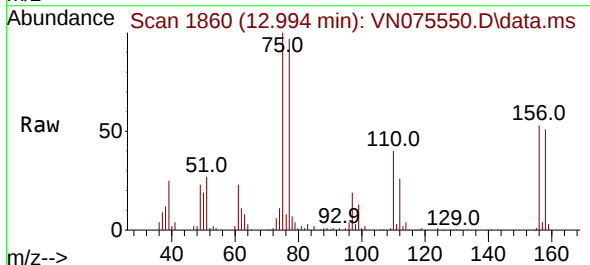
Manual Integrations
APPROVED

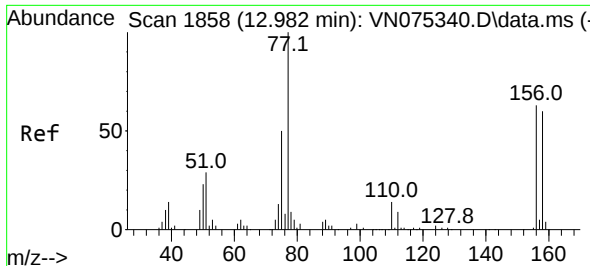
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#76
1,2,3-Trichloropropane
Concen: 56.165 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

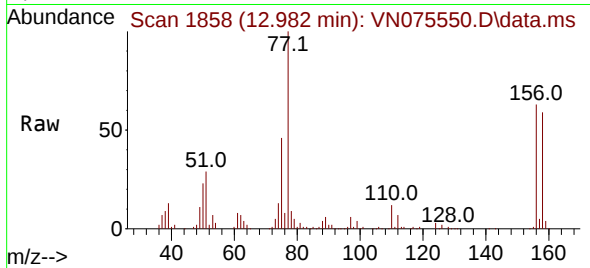
Tgt Ion: 75 Resp: 125269
Ion Ratio Lower Upper
75 100
77 173.6 75.6 226.8





#77
Bromobenzene
Concen: 55.432 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

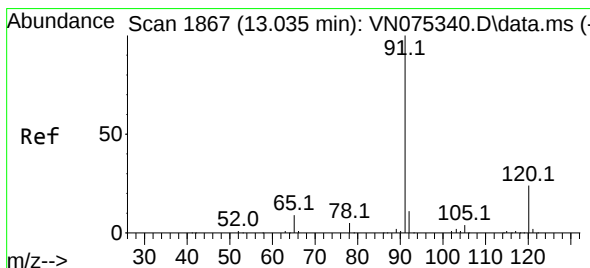
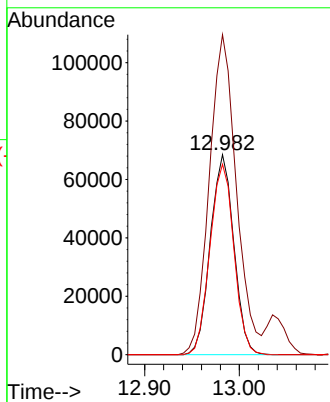
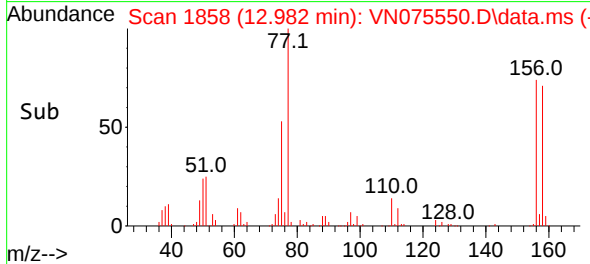
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



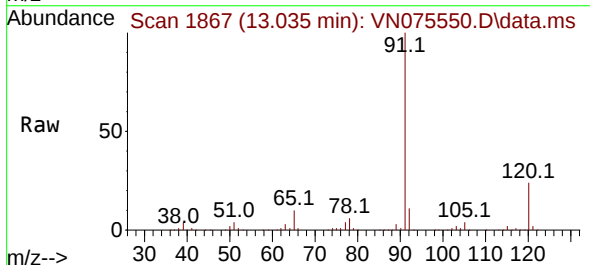
Tgt Ion:156 Resp: 11794
Ion Ratio Lower Upper
156 100
77 184.4 108.5 325.5
158 97.0 47.7 143.1

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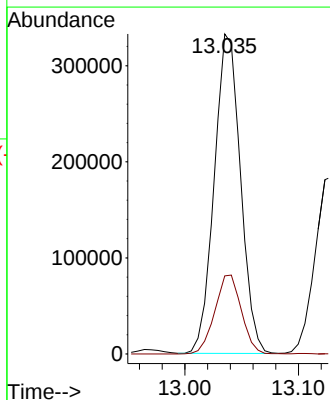
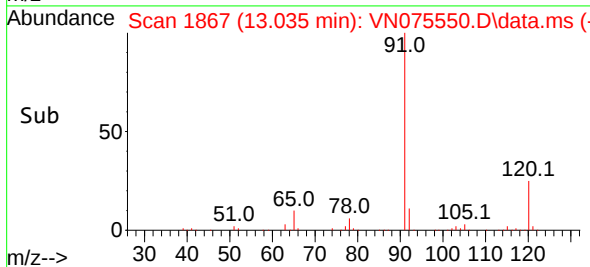
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022

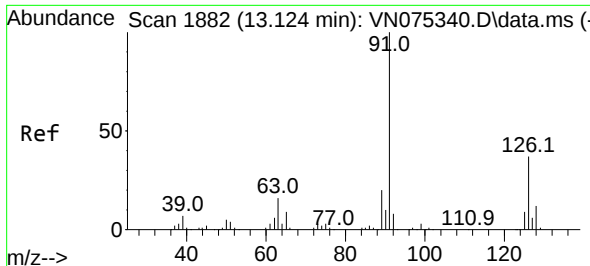


#78
n-propylbenzene
Concen: 55.593 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28



Tgt Ion: 91 Resp: 534708
Ion Ratio Lower Upper
91 100
120 25.0 11.9 35.5





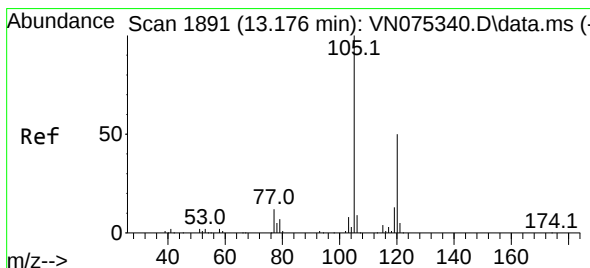
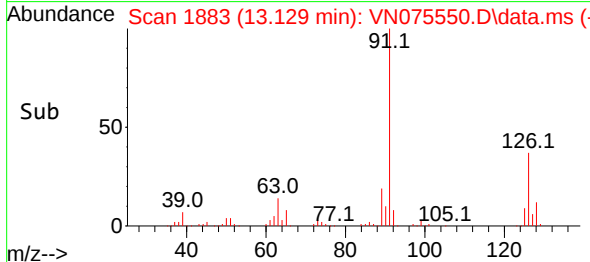
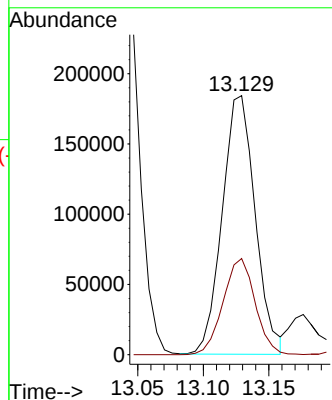
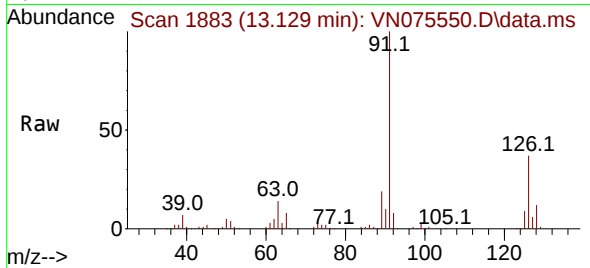
#79
2-Chlorotoluene
Concen: 55.579 ug/l
RT: 13.129 min Scan# 1882
Delta R.T. 0.005 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 32209
Ion Ratio Lower Upper
91 100
126 36.1 16.9 50.7

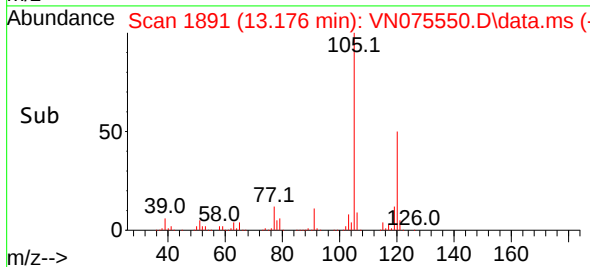
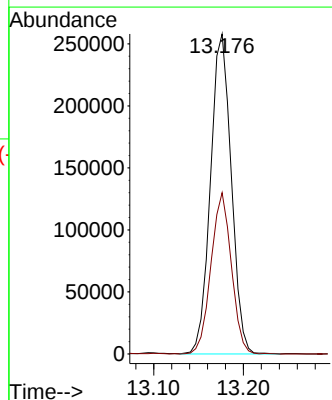
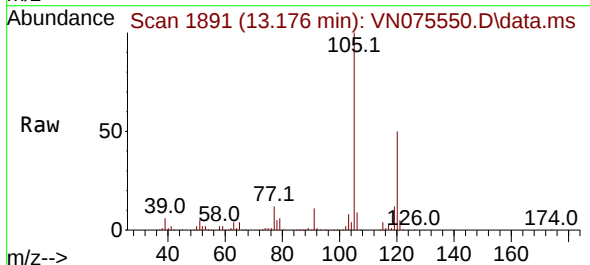
Manual Integrations
APPROVED

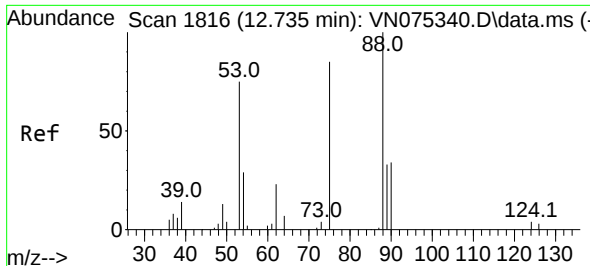
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#80
1,3,5-Trimethylbenzene
Concen: 57.965 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

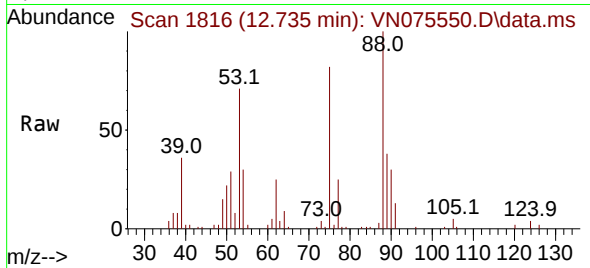
Tgt Ion:105 Resp: 415042
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 55.784 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

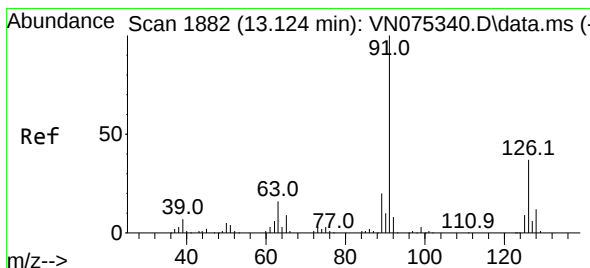
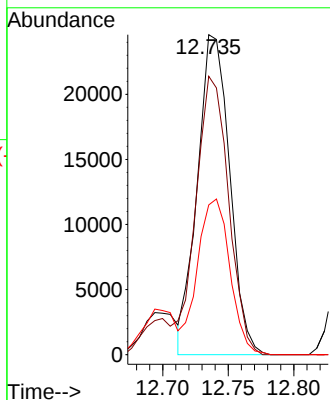
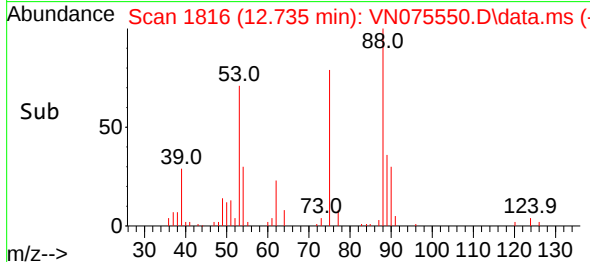
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4205
Ion Ratio Lower Upper
75 100
53 98.7 78.5 117.7
89 49.3 37.7 56.5

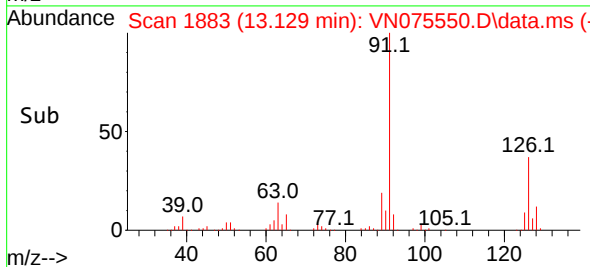
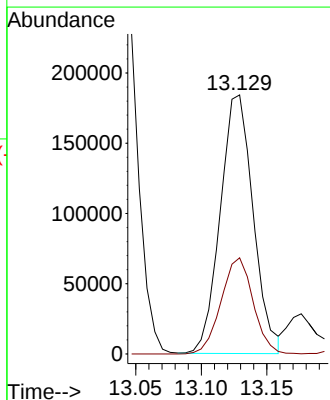
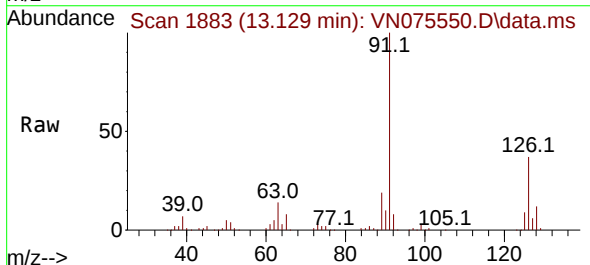
Manual Integrations
APPROVED

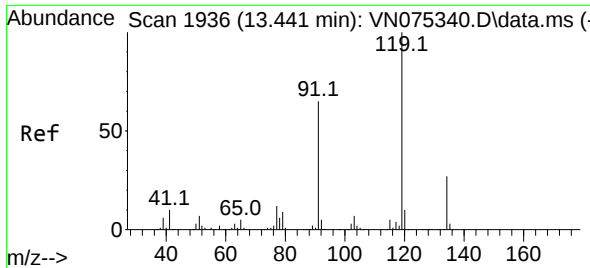
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#82
4-Chlorotoluene
Concen: 55.579 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Tgt Ion: 91 Resp: 322091
Ion Ratio Lower Upper
91 100
126 36.1 16.9 50.7





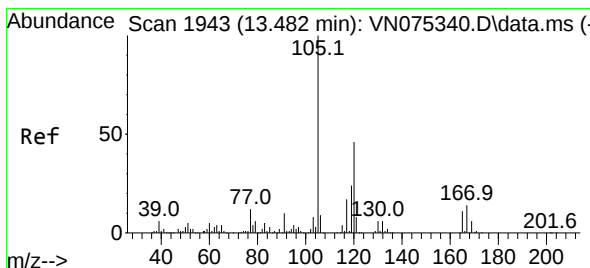
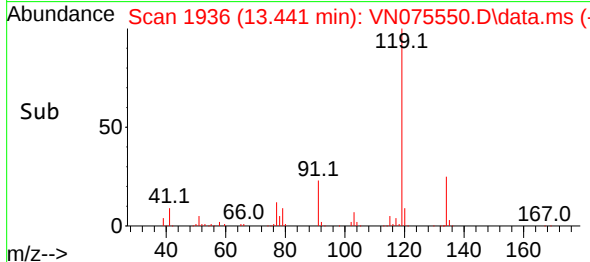
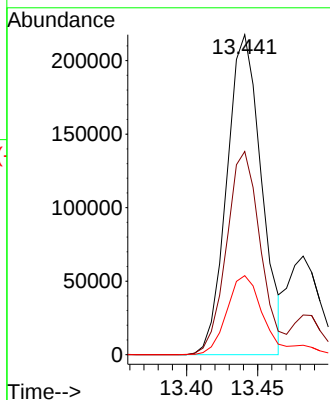
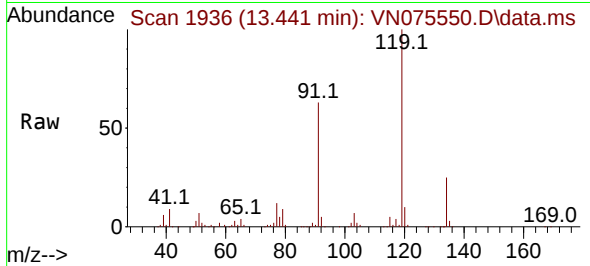
#83
tert-Butylbenzene
Concen: 56.508 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 368909
Ion Ratio Lower Upper
119 100
91 63.0 32.8 98.4
134 27.3 12.3 36.9

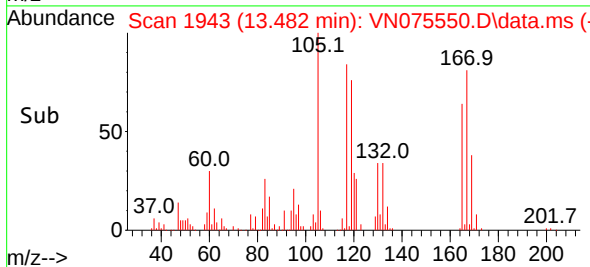
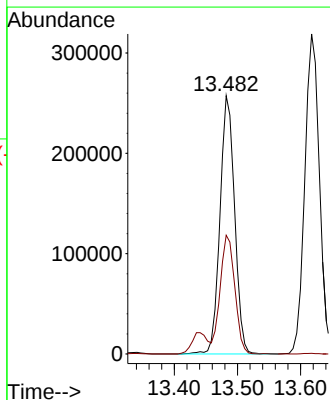
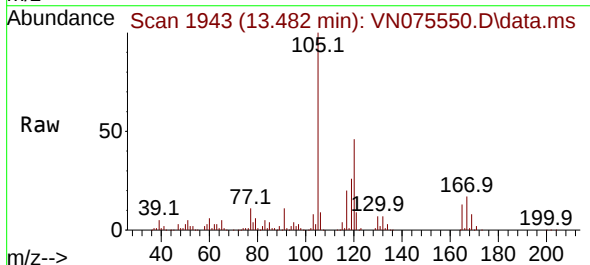
Manual Integrations
APPROVED

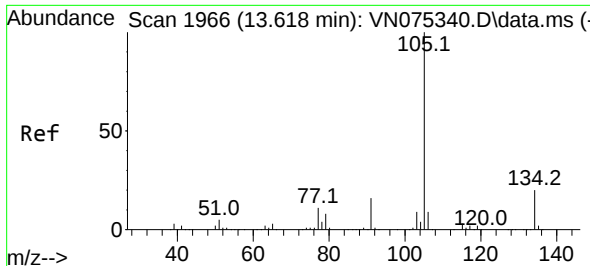
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#84
1,2,4-Trimethylbenzene
Concen: 57.654 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

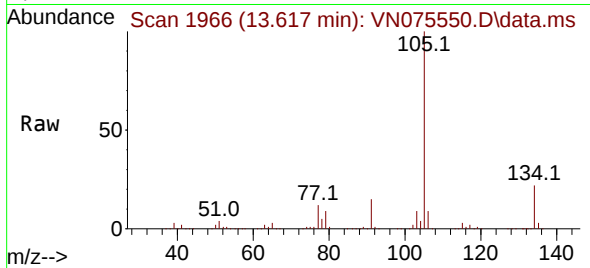
Tgt Ion:105 Resp: 414086
Ion Ratio Lower Upper
105 100
120 45.8 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 57.716 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075550.D
 Acq: 02 Dec 2022 22:28

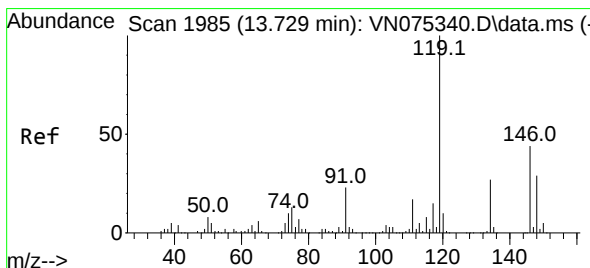
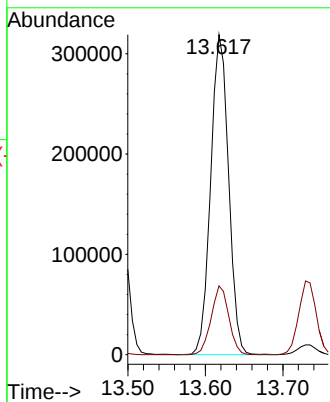
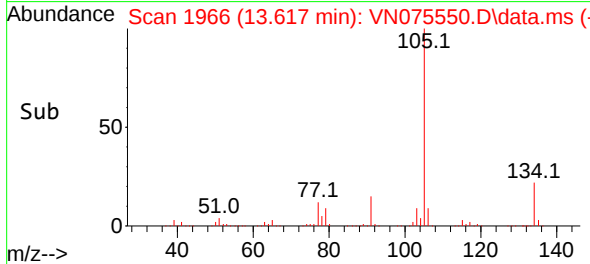
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



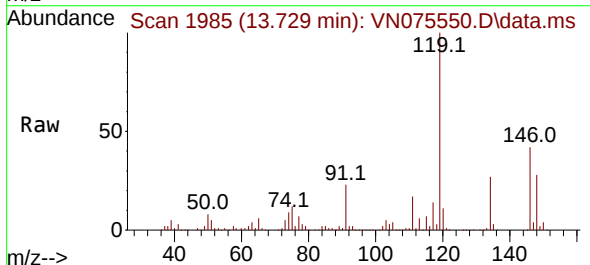
Tgt Ion:105 Resp: 511260
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.6

Manual Integrations
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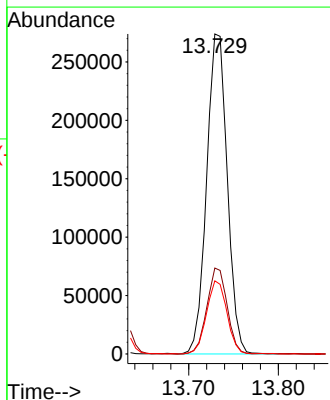
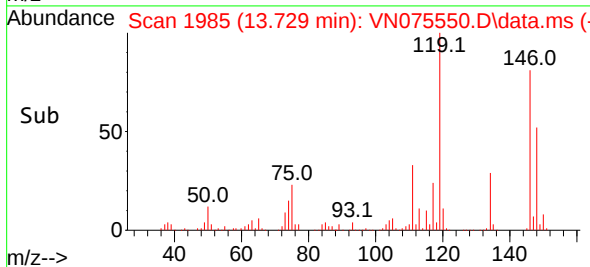
Reviewed By :John Carlone 12/05/2022
 Supervised By :Mahesh Dadoda 12/05/2022

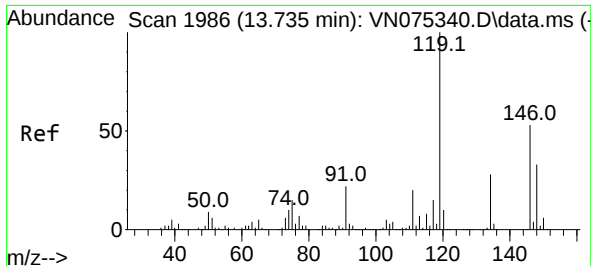


#86
 p-Isopropyltoluene
 Concen: 58.758 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075550.D
 Acq: 02 Dec 2022 22:28



Tgt Ion:119 Resp: 437915
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 22.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 54.228 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 21861

Ion Ratio Lower Upper

146 100

111 39.7 20.8 62.5

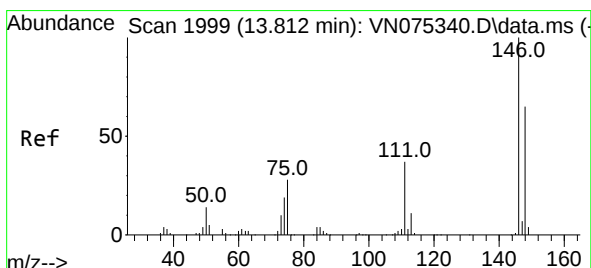
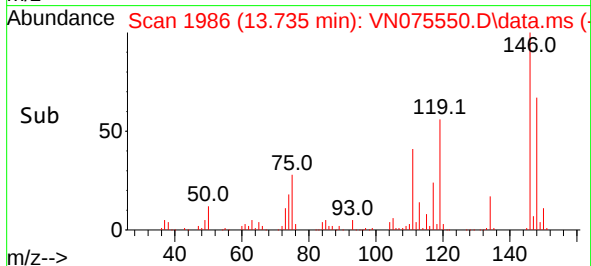
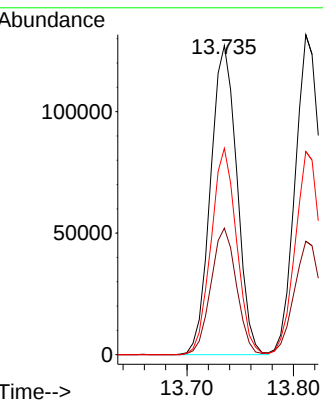
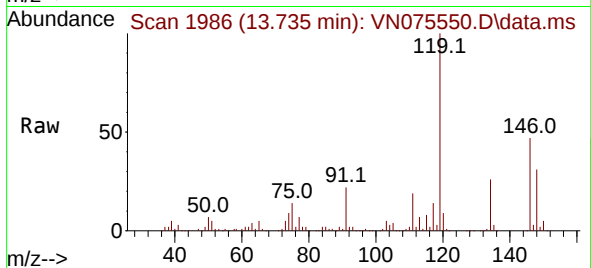
148 64.6 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#88

1,4-Dichlorobenzene

Concen: 53.328 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

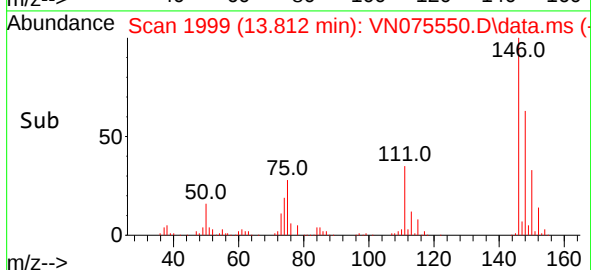
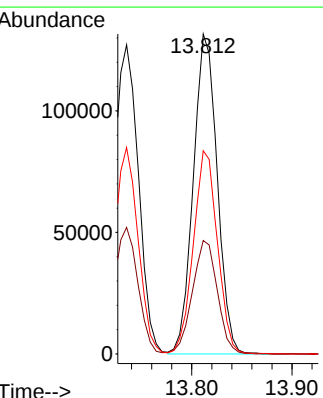
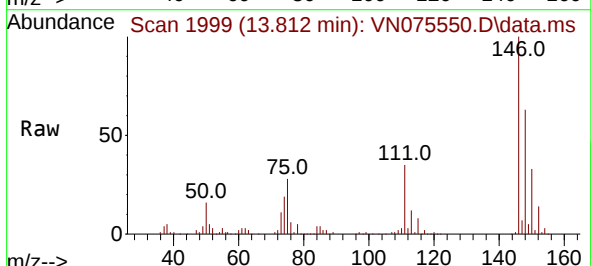
Tgt Ion:146 Resp: 218384

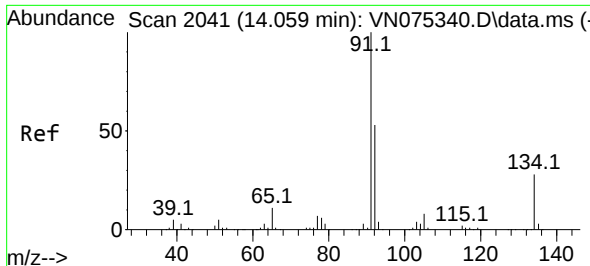
Ion Ratio Lower Upper

146 100

111 37.2 20.1 60.3

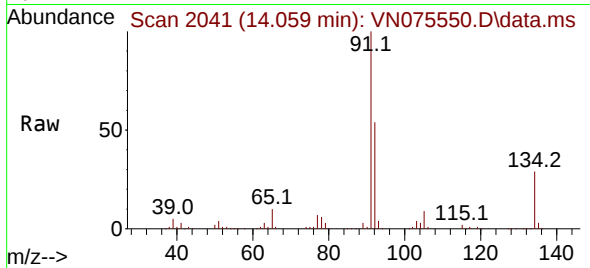
148 63.7 31.9 95.7





#89
n-Butylbenzene
Concen: 54.059 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

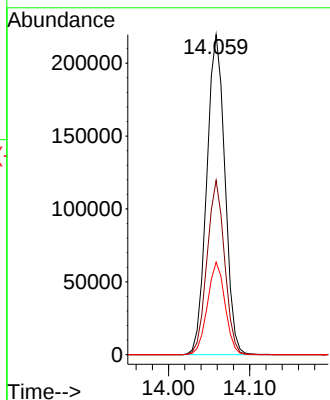
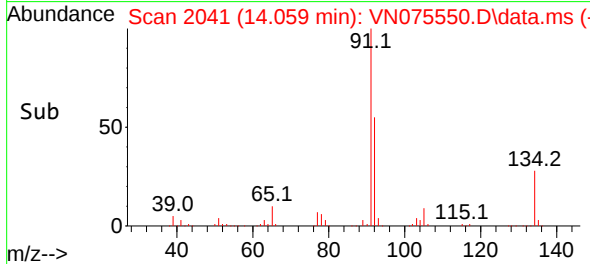
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 340280
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.4
134 28.0 13.0 39.0

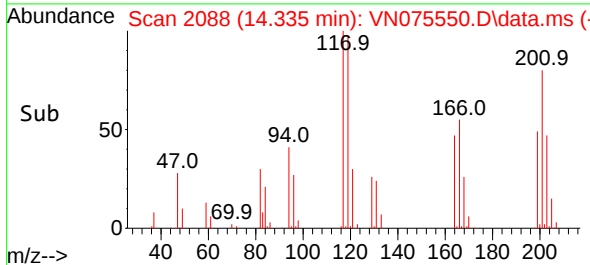
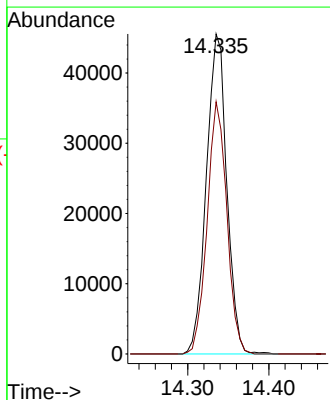
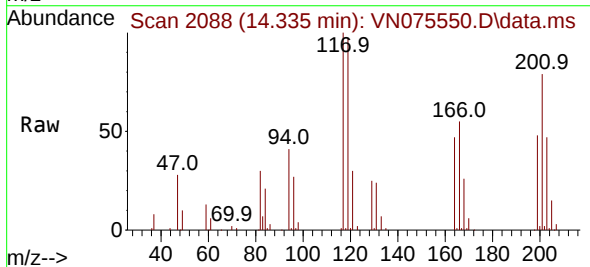
Manual Integrations
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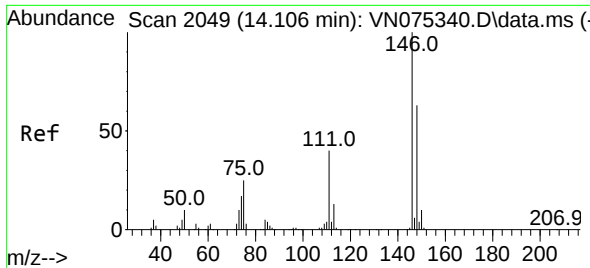
Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#90
Hexachloroethane
Concen: 61.892 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

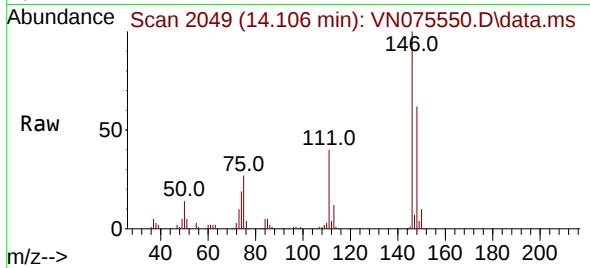
Tgt Ion:117 Resp: 79576
Ion Ratio Lower Upper
117 100
201 76.0 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 55.542 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

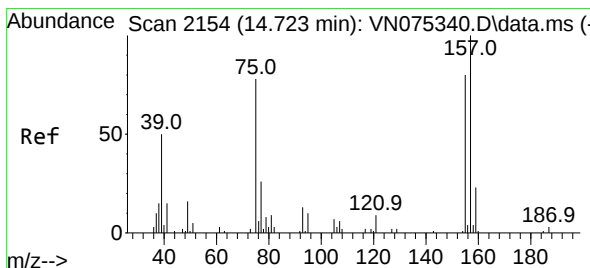
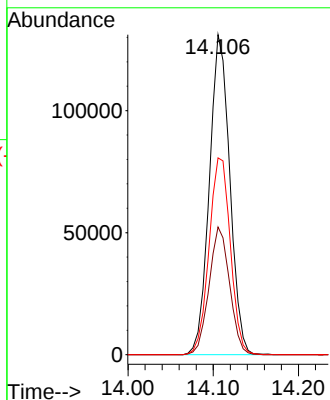
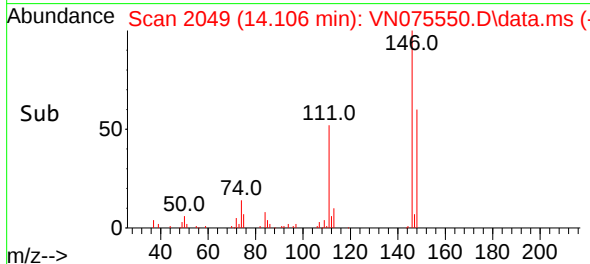
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 218250
Ion Ratio Lower Upper
146 100
111 40.1 21.3 63.9
148 64.2 31.4 94.2

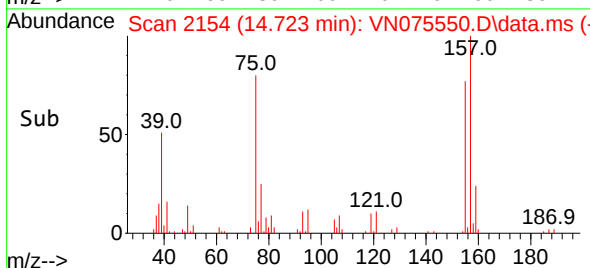
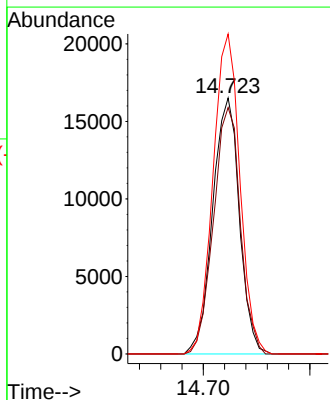
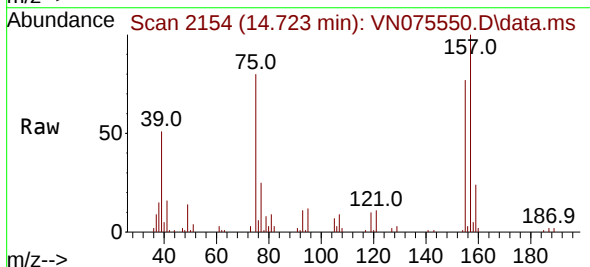
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2022
Supervised By :Mahesh Dadoda 12/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.696 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075550.D
Acq: 02 Dec 2022 22:28

Tgt Ion: 75 Resp: 28717
Ion Ratio Lower Upper
75 100
155 96.4 42.1 126.3
157 125.4 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 55.244 ug/l

RT: 15.394 min Scan# 211248

Delta R.T. -0.000 min

Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 111248

Ion Ratio Lower Upper

180 100

182 93.9 47.8 143.4

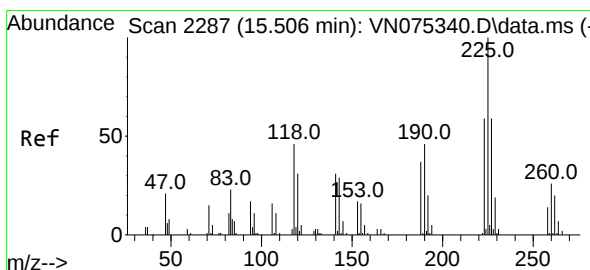
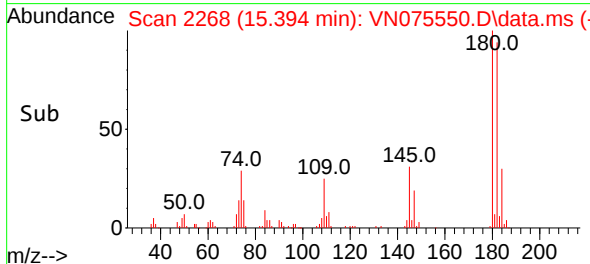
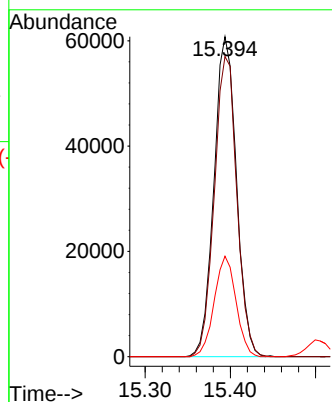
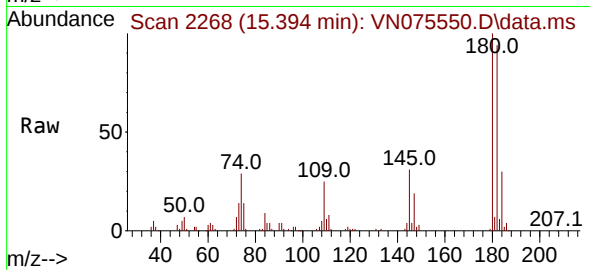
145 30.4 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#94

Hexachlorobutadiene

Concen: 56.515 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.001 min

Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

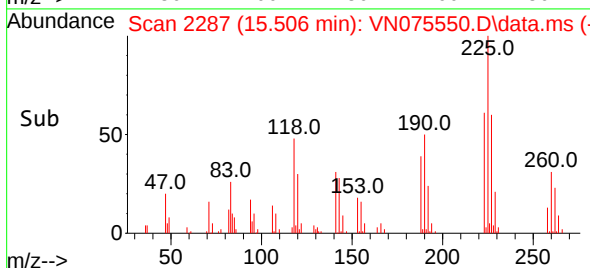
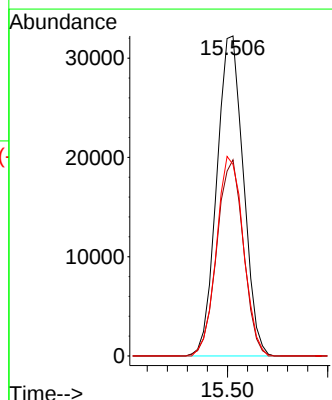
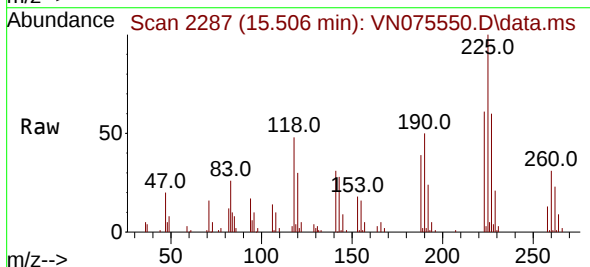
Tgt Ion:225 Resp: 59280

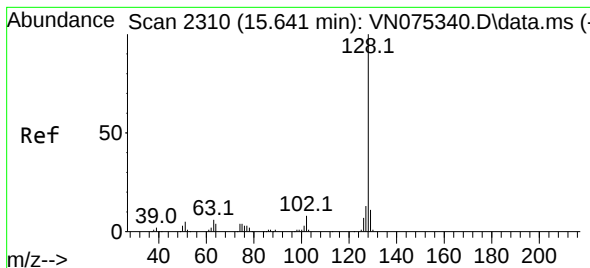
Ion Ratio Lower Upper

225 100

223 61.2 32.3 96.9

227 63.0 32.0 96.2





#95

Naphthalene

Concen: 56.227 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

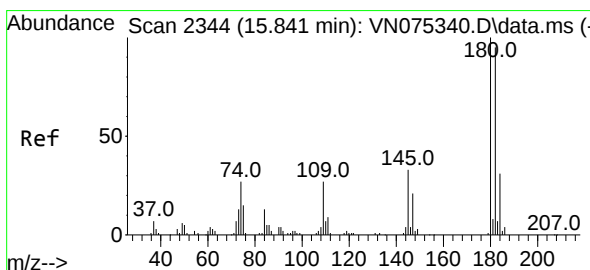
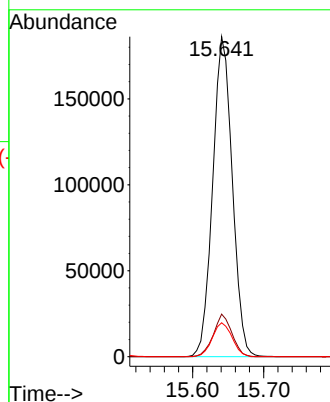
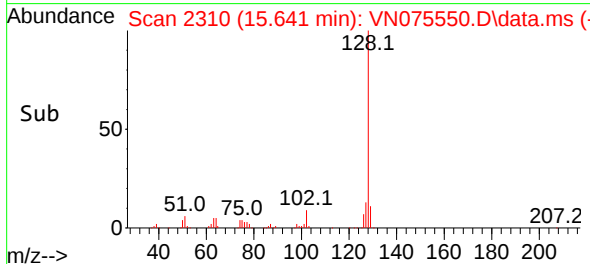
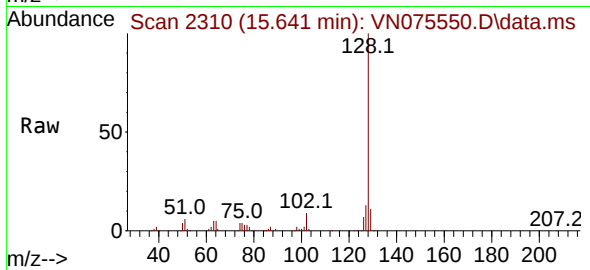
Tgt Ion:128	Resp: 356214
Ion Ratio	Lower Upper
128 100	
127 12.6	10.4 15.6
129 10.7	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/05/2022

Supervised By :Mahesh Dadoda 12/05/2022



#96

1,2,3-Trichlorobenzene

Concen: 54.922 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN075550.D

Acq: 02 Dec 2022 22:28

Tgt Ion:180	Resp: 108702
Ion Ratio	Lower Upper
180 100	
182 95.2	47.3 141.8
145 32.4	17.6 52.9

